

# Building Optimization Analysis (BOA) Tool

Final Project Report to PG&E

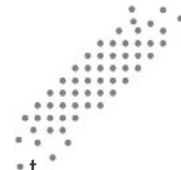
SEPTEMBER 30, 2010

Dave Moser, P.E.  
Michelle Lichtenfels, LEED® AP  
Erik Greensfelder



# Table of Contents

Executive Summary .....	1
1. Background .....	2
2. Tool Description .....	2
3. Tool Development .....	4
4. Measure Development Methodology .....	4
4.1 Sensitivity Analysis .....	5
4.2 Simulation Models & Energy Savings .....	5
4.3 Savings Normalization .....	6
4.4 Tool Interface .....	6
5. Conclusion .....	6
Appendix A: Measure Development Plans .....	a
A1. Measure Development Plan: Supply Air Temperature Setpoint Reset .....	b
A2. Measure Development Plan: Chilled Water Supply Temperature Setpoint Reset .....	c
A3. Measure Development Plan: Zone Temperature Deadband .....	d
A4. Measure Development Plan: Lighting Scheduling .....	e
A5. Measure Development Plan: Occupancy Sensors for Lighting Control .....	f
Appendix B: Sensitivity Analysis Results .....	g
B1. Sensitivity Analysis: Supply Air Temperature Setpoint Reset .....	h
B2. Sensitivity Analysis: Chilled Water Supply Temperature Setpoint Reset .....	i
B3. Sensitivity Analysis: Zone Temperature Deadband .....	j
B4. Sensitivity Analysis: Lighting Scheduling .....	k
B5. Sensitivity Analysis: Occupancy Sensors for Lighting Control .....	l
Appendix C: BOA Tool User Interface .....	m
C1. BOA Tool Interface: Instructions .....	n
C2. BOA Tool Interface: Tool Applicability .....	o
C3. BOA Tool Interface: General Project Input .....	p
C4. BOA Tool Interface: Reduce Supply Fan Operating Schedule .....	q
C5. BOA Tool Interface: Reduce Lighting Operating Schedule .....	r
C6. BOA Tool Interface: Add / Optimize Lighting Occupancy Sensors .....	s



C7.	BOA Tool Interface: Adjust Airside Economizers .....	t
C8.	BOA Tool Interface: Add / Optimize Boiler Lockout .....	u
C9.	BOA Tool Interface: Adjust Zone Temperature Deadband .....	v
C10.	BOA Tool Interface: Add Supply Air Temperature Setpoint Reset Strategy .....	w
C11.	BOA Tool Interface: Reduce Supply Duct Static Pressure Setpoint .....	x
C12.	BOA Tool Interface: Reset Supply Duct Static Pressure Setpoint .....	y
C13.	BOA Tool Interface: Add / Restore Supply Fan VFD .....	z
C14.	BOA Tool Interface: Add Chilled Water Supply Temperature Setpoint Reset Strategy .....	aa
C15.	BOA Tool Interface: Add Condenser Water Supply Temperature Setpoint Reset Strategy .....	bb
C16.	BOA Tool Interface: Add / Restore Chilled Water Pump VFD .....	cc
C17.	BOA Tool Interface: Building Types .....	dd
Appendix D: Pre-Calculated Savings Values .....		ee
D1.	Pre-Calculated Savings Values: Add Supply Air Temperature Setpoint Reset Strategy .....	ff
D2.	Pre-Calculated Savings Values: Add Chilled Water Supply Temperature Setpoint Reset Strategy .....	gg
D3.	Pre-Calculated Savings Values: Adjust Zone Temperature Deadband .....	hh
D4.	Pre-Calculated Savings Values: Reduce Lighting Operating Schedule .....	ii
D5.	Pre-Calculated Savings Values: Add / Optimize Lighting Occupancy Sensors .....	jj

## Executive Summary

The Building Optimization Analysis (BOA) tool is an Excel® spreadsheet-based tool designed to streamline and standardize the energy savings calculation process for engineering service providers working under the retrocommissioning (RCx) programs for five California utilities: Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), Southern California Gas Company (SoCal Gas), San Diego Gas and Electric (SDG&E), and the Sacramento Municipal Utility District (SMUD).

The BOA tool targets commercial buildings and allows providers to calculate energy and peak demand savings for thirteen common controls- and schedule-based commercial building optimization measures. These measures include:

### HVAC Airside

- Reduce supply fan operating schedule
- Adjust zone temperature deadband
- Adjust airside economizers
- Add supply air temperature setpoint reset strategy
- Reduce supply duct static pressure setpoint
- Add supply duct static pressure setpoint reset strategy
- Add / restore supply fan VFD

### HVAC Waterside

- Add / optimize boiler lockout
- Add chilled water supply temperature setpoint reset strategy
- Add condenser water supply temperature setpoint reset strategy
- Add / restore chilled water pump VFD

### Lighting

- Reduce lighting operating schedule
- Add / optimize occupancy sensors for lighting control

The tool uses a few basic user inputs (e.g., building type, as-found operational state) to access pre-calculated savings values obtained from previously conducted whole building energy simulations. The tool then applies these values to normalizing values input by the user (e.g., number of fan operating hours) to calculate the measure's energy and demand savings. While this approach is not as rigorous as 'custom' calculations traditional to RCx programs, it should greatly streamline the savings calculation process for California's utility programs, while maintaining a sufficient level of program-wide rigor and consistency. This approach will also streamline the calculation review process, which can be lengthy and costly for both provider and utility.

SCE and SoCal Gas, with the assistance of their contractors, AESC, ASW and PECL, developed the pre-calculated savings values for eight of the measures. PG&E, with the assistance of PECL and Newcomb Anderson McCormick, developed the pre-calculated savings values for the remaining five measures, and developed the format of the BOA Tool. The pre-calculated savings values were obtained by applying the measures to DEER baseline models in DOE-2.2, using a parametric run approach, and then normalizing the results.

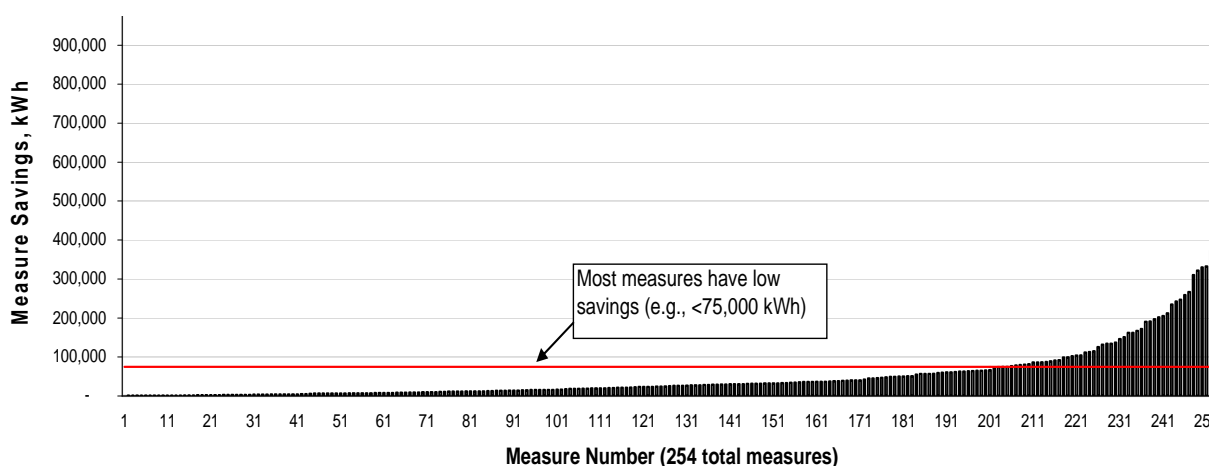


The BOA tool was released in late summer 2010 to the participating utilities' RCx providers. Initially, the tool will be applicable for use with measures with no greater than 75,000 kWh in savings, and 5,000 therms. If measures result in savings that exceed these thresholds, providers will be expected to use other approved tools or develop custom calculations in accordance with each utility's applicable guidelines.

## 1. Background

The BOA tool targets common measures with relatively low savings, which make up a significant portion of the RCx measures identified during the 2006-2009 California RCx program cycle, but which make up a small portion of the overall program savings. For example, measures with less than 75,000 kWh savings made up 81% of the number of identified RCx measures in the PECO-administered PG&E program, but accounted for only 34% of the total identified program kWh savings.

**Figure 1. Identified Measures in 2006-2009 PECO PG&E RCx Program**



In California's past RCx programs, providers estimate energy savings by using custom spreadsheet calculations, or whole building energy modeling (e.g., eQUEST). Developing these calculations on a case-by-case basis takes significant effort on the part of the provider, potentially diverting their resources from investigating other RCx savings opportunities. Reviewing these custom calculations also demands significant resources on the part of the utility. Evidence of this programmatic challenge is found in the SCE 2006-2009 RCx program process evaluation report. The report recommended that the savings calculation process be simplified to control costs and expedite project timelines. Development of the BOA tool is one step towards satisfying this recommendation and streamlining the savings calculation and review cycle.

## 2. Tool Description

The BOA tool is an Excel<sup>®</sup> spreadsheet-based tool with 17 visible worksheets (tabs): instructions for use, overall tool applicability, general project input, DEER model building characteristics, and a tab for each of the 13 measures that includes:

- Description of the measure
- Description of measure applicability based on system and model building characteristics
- Input section that prompts provider for necessary inputs
- Outputs section that shows the savings estimates in applicable units (kWh, kW or therms)
- Built-in warnings and error prompts when the tool does not meet pre-defined applicability or savings thresholds

There is a hidden worksheet for each measure in the tool that contains the pre-calculated values for the measure. These hidden worksheets serve as the “database” from which the measure tabs pull values.

The tool is applicable for a number of commercial building types. From the “Tool Applicability” tab of the tool:

<b>BOA Tool Applicability</b>							
<b>Measure</b>	<b>Measure Worksheet Name</b> (click to go to worksheet)						
		<b>Education - Secondary School</b>	<b>Education - University</b>	<b>Hospital</b>	<b>Hotel</b>	<b>Office</b>	<b>Multi Story Retail</b>
<i>HVAC Airside</i>							
Reduce supply fan operating schedule	<a href="#">SF Schedule</a>	X	X		X	X	X
Adjust airside economizers <sup>1</sup>	<a href="#">Economizer</a>	X <sup>1</sup>		X	X <sup>1</sup>	X	X
Adjust zone temperature deadband	<a href="#">Zone Temp Deadband</a>		X	X	X	X	X
Add supply air temperature setpoint reset strategy	<a href="#">SAT Reset</a>		X	X	X	X	X
Reduce supply duct static pressure setpoint	<a href="#">DSP Reduction</a>	X		X	X	X	X
Add supply duct static pressure setpoint reset strategy	<a href="#">DSP Reset</a>	X		X	X	X	X
Add / restore supply fan VFD	<a href="#">SF VFD</a>	X		X	X	X	X
<i>HVAC Waterside</i>							
Add / optimize boiler lockout	<a href="#">Boiler LO</a>	X		X	X	X	X
Add chilled water supply temperature setpoint reset strategy	<a href="#">CHWST Reset</a>		X	X	X	X	X
Add condenser water supply temperature setpoint reset strategy	<a href="#">CWST Reset</a>	X		X	X	X	X
Add / restore chilled water pump VFD	<a href="#">CHW pump VFD</a>	X		X	X	X	X
<i>Lighting</i>							
Reduce lighting operating schedule	<a href="#">Lighting Schedule</a>		X	X	X	X	X



An 'X' indicates that the BOA Tool is applicable for that measure and building type combination. See the 'Building Types' tab for specific characteristics related to each of the building types. Note that for some measures, the tool is not applicable for all HVAC system types. Refer to the 'General Project Input' worksheet and the specific measure worksheets for HVAC system-related applicability.

1 - With Education and Hotel building types for the Economizer measure, contact your utility program administrator.

### 3. Tool Development

For SCE/SoCal Gas, AESC developed the following measures for the BOA tool:

- Revise air handler schedule
- Repair air handler economizer
- Add VFD to chilled water pump
- Add VFD to supply fan
- Reduce duct static pressure setpoint
- Reset duct static pressure setpoint
- Add / optimize condenser water temp reset
- Add VFD to cooling tower fan
- Boiler Lockout (developed by SCG)

PECI worked closely with AESC to help ensure that the savings methodology satisfied PG&E's technical requirements while maintaining consistency between the utilities' calculation tools.

Similarly, PEGI, on behalf of PG&E, developed the following measures for the BOA tool:

- Add / optimize supply air temperature reset
- Adjust lighting schedule
- Add / optimize chilled water supply temp reset
- Install / repair occupancy sensors
- Increase zone temperature deadband

PECI led development of the tool front-end, working with AESC to populate the tool with pre-calculated values for AESC-developed measures. PEGI reviewed AESC's work on the SCE/SoCal Gas project, and Newcomb Anderson McCormick (NAM) reviewed PEGI's work on the PG&E project.

### 4. Measure Development Methodology

This section describes PEGI's efforts to develop measures with pre-calculated savings for the BOA tool. See AESC's report<sup>1</sup> for the separate yet similar methodology used by AESC for the eight measures they developed.

For each measure, PEGI conducted the following:

1. Sensitivity analysis to determine which are the most influential factors on measure savings, to determine the tool's savings calculation inputs
2. Ran simulation models and developed the normalized pre-calculated savings values
3. Developed the tool interface, and incorporated the pre-calculated savings values into the tool

---

<sup>1</sup> AESC's report to SCE can be found at: [http://www.calmac.org/publications/SCE\\_RCx\\_Pre-Calc\\_Report-03-31-10.pdf](http://www.calmac.org/publications/SCE_RCx_Pre-Calc_Report-03-31-10.pdf)

## 4.1 Sensitivity Analysis

PECI performed a factor sensitivity analysis for each measure to determine the variables that have the most significant effect on measure savings. The sensitivity analysis for the supply air temperature reset measure showed that the Large Office building type is a good representation of the other building types for purposes of the sensitivity analysis. Therefore, for each of the five measures, variables were tested for the Large Office building type.

The initial set of variables to test were selected based on the team's experience with these measures, thinking about which variables might have an impact on a measure's savings. These variables are outlined in the Measure Development Plans and the Sensitivity Analysis Results in the Appendices of this report. The variables were tested for each of four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento) and three building vintages (pre-1978, 1978-1992, 2002-2005). These climate zones and vintages were selected as a representative mix, rather than using all 16 climate zones and five vintages, to keep the computing time down.

The variables that were found to have the greatest impact on savings as part of this analysis ultimately become either the inputs or the normalizing parameters used for calculating energy and demand savings by using the pre-calculated values. These variables were limited to those that have the greatest impact on the measure savings and those that can reasonably be gathered by the RCx provider during the site investigation. Although increasing the number of variables to include as inputs may increase the resolution of actual energy savings, certain variables or inputs may not be readily available and there's less benefit to including less significant variables.

## 4.2 Simulation Models & Energy Savings

PECI used the DEER 2008 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the tool. These building types include:

- Large Office
- Large Retail – 3-Story
- Hospital
- Hotel
- Education (University)

For each measure developed, Peci 'applied' a relevant measure to the baseline models and ran the simulations to obtain the pre-calculated savings numbers, using the eQuest Batch Processor. Peci simulated the measure for:

- Each building type listed above
- Each climate zone in California (focusing on PG&E climate zones first)
- The five oldest DEER building vintages: pre-1978, 1978-1992, 1993-2001, 2002-2005, and 2006-2009.
- The range of each significant variable, as determined during the sensitivity analysis. Each variable was evaluated interactively with the other significant variables.

Each measure was evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings.

As a check for reasonableness of results, the simulated energy savings results were compared to past PG&E RCx project data. See Appendix E.





### 4.3 Savings Normalization

PECI normalized the results from the simulation models for each measure to obtain the pre-calculated savings values, for each climate zone, building type, and vintage. See the Sensitivity Analysis Results in Appendix B for a detailed description of the inputs and normalizing factors used for each measure. See Appendix D for the pre-calculated values for each measure, which were input into the tool.

### 4.4 Tool Interface

The pre-calculated savings values were incorporated into the BOA Tool, along with other descriptors and applicability guidelines, as noted in Section 2, above. See Appendix C for the BOA Tool user interface for each measure.

## 5. Conclusion

The BOA tool was released in September 2010 to engineering service providers working under the retrocommissioning (RCx) programs for SCE, PG&E, SDG&E, SCG, and SMUD. Peci conducted two webinars on the BOA Tool in early September, in conjunction with the tool rollout. Recordings and slides of these webinars are available online on the California Commissioning Collaborative website at: [www.cacx.org/resources/providers.html](http://www.cacx.org/resources/providers.html).

Future development and investment in the tool may include transforming it into a web or software-based platform, or integrating additional RCx measures into the tool. Nine measures that have been identified as potential future measures include:

- Add VFD to chiller
- Condenser water pump VFD
- Demand controlled ventilation
- Repair waterside economizer
- Add VFD to heating water pump
- Install / repair daylighting controls
- Reduce space illumination
- Adjust pump schedule
- Chiller staging

PECI is currently slated as the technical resource to support providers and other users of the tool. BOA tool users can contact [boatool@peci.org](mailto:boatool@peci.org) with questions.

## Appendix A: Measure Development Plans

## A1. Measure Development Plan: Supply Air Temperature Setpoint Reset

# PG&E Pre-Calculated Savings Tool Development Plan

Supply Air Temperature Reset

March 9<sup>th</sup>, 2010



Dan Reese  
Dave Moser, P.E.  
Michelle Lichenfels, LEED® AP  
Christopher Morales, LEED® AP





This document outlines PECI's plan for developing a simple, easy-to-use pre-calculated savings tool for determining electric and natural gas savings by adding or optimizing a supply air temperature (SAT) reset control strategy. This plan includes a description of the measure, our approach for determining the pre-calculated savings, the strategy for determining the inputs and how these inputs may be entered, recommended calculation outputs, and the format of the pre-calculated savings tool.

## 1. Measure Description

The baseline system operation for the measure is as follows:

- The SAT setpoint at each central air handling unit (AHU) is fixed at 55°F
- The chilled water supply temperature setpoint is fixed at 44°F
- The condenser water supply temperature setpoint is fixed at 80°F

The energy conservation measure (ECM) will change the supply air temperature setpoint strategy from fixed to variable according to either of the following controls strategies:

1. Based on outdoor air temperature:
  - a. When the outdoor air temperature is greater than 80°F, the supply air temperature setpoint will be fixed at 54°F;
  - b. When the outdoor air temperature is less than 30°F, the supply air temperature setpoint will be fixed at 63°F;
  - c. When the outdoor air temperature is between 30°F and 80°F, the supply air temperature setpoint will vary linearly from 63°F to 54°F.
2. Based on warmest (critical) zone:
  - a. The supply air temperature will vary between 54°F and 63°F based on the cooling load in the warmest (critical) zone.

The second strategy, resetting the SAT setpoint based on the critical zone cooling load, is a better match to true building cooling load. However, this method can only be applied if the building direct digital controls (DDC) system extends to the zone-level controllers and thermostats, and if the DDC system has robust polling capability.

The SAT reset measures from PECI's 2006-08 PG&E RCx program included the following two (2) types of baseline and measure conditions:

	Type #1: Hybrid Control Systems	Type #2: Full DDC/BAS Control Systems
HVAC System	Dual duct, VAV	Single duct, VAV
	Chilled Water Cooling	Chilled Water Cooling
	HHW reheat	HHW reheat
Controls	DDC-hybrid (pneumatic controls at zone-level)	DDC/BAS (controls extend to zone-level controllers)
Measure	SAT Reset based on outdoor air temperature	SAT Reset based on critical/warmest zone temperature



As indicated in the table above, the baseline and measure condition depended upon the type controls system present at the facility. Analysis of PECl's 2006-08 PG&E RCx Program data showed that half of the SAT Reset measures fell under Type #1 (hybrid), and half fell under Type #2 (full DDC).

## 2. Method for Determining Pre-Calculated Savings

### 2.1. Simulation Models & Parametric Runs

PECl will use the DEER 2008 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the pre-calculated savings tool, to be consistent with the pre-calculated savings tool work performed by Southern California Edison. These building types include:

- Large Office
- Large Retail (3-Story)
- Hospital
- Hotel
- Education (University)

PECl intends to use the DEER prototypical building simulation models as they are. However, PECl will review the DEER prototypical simulation models to ensure the models' simulation results and system operations are reasonable. Reasonableness will be determined by:

1. Comparing the DEER prototypical building simulation baseline energy consumption to past PG&E projects and CEUS data; And,
2. Comparing the measure savings results to past PG&E projects with SAT reset measures, especially those projects which underwent EM&V. Using EM&V measure savings as a comparative check for the DEER prototypical building simulation models is preferred, but not required

The baseline models will be modified as necessary to ensure the integrity of the pre-calculated tool savings. Any modifications to the baseline models will be documented.

Once the baseline models are deemed reasonable, PECl will 'apply' the SAT reset measure to the baseline models and run the simulations to obtain the pre-calculated savings numbers, using the *Parametric Runs* feature in eQuest. PECl will simulate the measure for:

- Each building type listed above
- Each climate zone in California (focusing on PG&E climate zones first)
- Different building vintages (1987 was the median building vintage for buildings in PECl's 2006-08 PG&E RCx program)
- Each SAT reset strategy (OAT-based and demand based)

The effect building vintage has on measure savings will be assessed. If the results of this analysis show that building vintage has a significant impact on the measure savings, then the pre-calculation savings tool will be modified to incorporate building vintage as an input variable. Otherwise, the pre-calculated savings tool will reference energy savings table developed from the DEER prototypical building simulation results for the 1978 to 1992 building vintage, to correspond with the median building vintage of 1987 witnessed in PECl's 2006-08 PG&E RCx Program.

The measure will be evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings.

Note that Title 24 required SAT reset as far back as 1985, and this is reflected in the DEER prototypical building models. However, even though SAT should have been implemented in buildings constructed



after 1985, it's PECl's experience that this measure is rarely functioning in buildings. Thus, we believe that claiming savings related to implementing this measure is justified. PECl will change the SAT reset strategy in the baseline model to "fixed", which is the strategy found in most existing buildings.

The parametric runs results will be compared to a combination of CEUS data, past PG&E project data and, if available, PG&E project data that underwent evaluation, measurement and verification (EM&V). Use of EM&V project data is preferred, but not necessarily required. The DEER prototypical building simulation models may be adjusted as a result of this comparison.

## 2.2. Savings Normalization

PECl will normalize the parametric runs results from the DEER prototypical building simulation models relative to the significant driving variables, for use in the pre-calculated savings tool. This will allow the RCx Provider to "customize" the pre-calculated savings for the specific project site rather than using a fixed energy savings value based on the building type and climate zone.

PECl will determine these significant driving factors, or variables, as part of the results normalization process. Variables such as supply airflow rates, supply fan power, and chiller capacity will be evaluated using the *Parametric Runs* feature in eQuest to determine the net affect they have on the measure savings. The variables which have the most impact on the actual measure savings will be used to normalize the model energy savings for use in the pre-calculated savings tool. These variables will ultimately become the inputs for the pre-calculated savings calculator to determine energy savings. The normalizing variables will be limited to those which have a significant impact on the measure savings and can be gathered by the RCx provider during the site investigation. Although increasing the number of variables may increase the resolution of actual energy savings, certain variables or inputs may not be readily available.

## 3. Recommended Input & Format

### 3.1. Recommended Inputs

As mentioned previously, the inputs used in the pre-calculated savings tool should be the most significant driving factors and those inputs which can be gathered during the site investigation. Examples of possible inputs include:

1. Baseline annual site energy usage, electric (kWh) and gas (therms);
2. Supply Fan nameplate HP;
3. SAT setpoint difference between baseline and ECM case:
  - a. If the measure is to add SAT reset, then the temperature difference would be that of the highest allowable SAT and the baseline SAT. For example, if the baseline SAT setpoint is 55°F and the ECM will allow the SAT to rise up to 60°F, the resultant temperature difference will be  $60^{\circ}\text{F} - 55^{\circ}\text{F} = 5^{\circ}\text{F}$ ;
  - b. If the measure is to optimize the existing SAT reset, then the temperature difference would be that of the existing difference in SAT setpoints and the ECM difference in SAT setpoints. For example, say the baseline SAT reset allowed the temperature to vary between 55°F and 60°F, and the ECM SAT reset will allow the SAT to vary between 55°F and 62°F. The resultant temperature difference will be  $(65^{\circ}\text{F}-55^{\circ}\text{F}) - (60^{\circ}\text{F}-55^{\circ}\text{F}) = 2^{\circ}\text{F}$ ;
4. AHU annual operating hours.

The actual inputs will be determined during the eQuest parametric runs results normalization process of the pre-calculated savings tool.

### 3.2. Recommended Outputs

The recommended outputs of the pre-calculated savings tool are as follows:



1. Annual electric consumption savings (kWh/yr);
2. Peak electric demand savings (kW);
3. Annual natural gas consumption savings (therms/yr).

### 3.3. Tool Format

PECI will develop the pre-calculated savings tool in a spreadsheet format. The tool will prompt the user for specific inputs and then calculate the measure savings (kWh, kWh, and / or therms, as applicable) by applying the inputs entered by the user to the normalized savings numbers. The tool will include a brief description of each required input and the appropriate units of measurement for each input. Peci will determine the formatting of the tool (e.g., heading colors, fonts and sizing, etc.) and use of drop-down lists and macros during development of the tool.

## 4. Deliverables

Upon their completion, the main deliverables will be presented to PG&E and Newcomb Anderson McCormick, as needed, for review. These deliverables include:

1. Draft pre-calculated savings tool, including eQuest models:
  - a. Preliminary results of the normalized measure savings tables
  - b. The DEER prototypical building simulation models used, including any changes made
  - c. Preliminary pre-calculated savings tool with recommended input and results workbooks and associated formatting
2. Final pre-calculated savings tool:
  - a. Final results of the normalized measure savings tables
  - b. The DEER prototypical building simulation models used, including any changes made
  - c. Final pre-calculated savings tool with recommended inputs, outputs, and associated formatting

The timeline for submitting these deliverables will be determined by the project team once this development plan is approved. Peci can begin work immediately upon approval of this plan.



## A2. Measure Development Plan: Chilled Water Supply Temperature Setpoint Reset

# **PG&E Pre-Calculated Savings Tool Development Plan**

## **Chilled Water Supply Temperature Setpoint Reset**

May 17, 2010



Dave Moser, P.E.  
Michelle Lichtenfels, LEED® AP  
Christopher Morales, LEED® AP  
Erik Greensfelder





This document outlines PECI's plan for developing pre-calculated electric and natural gas savings values related to adding a chilled water supply temperature setpoint (CHWST) reset control strategy to a facility's chilled water plant controls. This plan includes a description of the measure, our approach for the factor sensitivity analysis, and the strategy for determining the pre-calculated savings.

## 1. Measure Description

The baseline system operation for the measure is as follows:

- The CHWST setpoint is fixed at 44°F. This is consistent with DEER 2008 model assumptions and is close to the 43F average baseline CHWST setpoint condition found in PECI's 2006-08 RCx programs for CHWST reset measures.

The energy conservation measure (ECM) will add a CHWST setpoint reset strategy to either of the following controls strategies:

1. Based on outdoor air temperature:
  - a. When the outdoor air temperature is greater than 85°F, the CHWST setpoint will be fixed at 44°F;
  - b. When the outdoor air temperature is less than 55°F, the CHWST setpoint will be fixed at 50°F;
  - c. When the outdoor air temperature is between 55°F and 85°F, the CHWST setpoint will vary linearly from 50°F to 44°F.
2. Based on cooling load:
  - a. The CHWST setpoint will vary between 44°F and 50°F based on cooling load and valve position of the warmest zone.

The baseline conditions and reset methods noted above are based on those found in the DEER 2008 baseline models. The reset temperature ranges are based on those found in 23 CHWST reset measures in PECI's 2006-08 RCx programs listed in the following table:

Utility	Baseline Condition	ECM Condition
PG&E	Constant 40F	Load-based reset
PG&E	Some reset	Better load-based reset
PG&E	Constant 45F	Load-based reset
PG&E	Constant 42F	Load-based reset (42F to 44F)
PG&E	Constant	Load-based reset
PG&E	Constant 47F	OAT-based reset (47 at 93, 54 at 73)
PG&E	Manual reset	Load-based reset
SDG&E	Some reset	Load-based reset
SDG&E	Constant 43F	Load-based reset (44-49)
SCE	Constant	Load-based reset (39-48)
SCE	Constant 42F	Load-based reset (42-50)
SCE	Constant 45F	Reset on VFD pump speed
SCE	Constant	Load-based reset (43-50)



Utility	Baseline Condition	ECM Condition
SCE	Constant 42F	Load-based reset (42-50)
SCE	Constant	OAT-based reset (42 at 72, 55 at 47)
SCE	Constant	Load-based reset
SCE	Constant 45F	Load-based reset
SCE	Constant	Load-based reset
SCE	Constant 42F	Load-based reset (42-48)
SCE	Constant 42F	OAT-based reset (42 at 85, 48 at 55)
SCE	Constant 42F	OAT-based reset (42 at 85, 48 at 55)
SCE	Constant 42F	OAT-based reset (42 at 85, 48 at 55)
SCE	Constant	Load-based reset

Note that some descriptions in the table above do not contain detailed temperature information. This information is not available without investigating deeper into project documentation. The detailed information that is included in the table is considered representative of CHWST reset measures.

## 2. Sensitivity Analysis

PECI will perform a factor sensitivity analysis to determine the parameters (variables) that have the most significant effect on measure savings. The following variables will be tested, along with the range of values that will be used in the tests:

Parameter	Parameter Type	Base	Test
Baseline CHWST	Nondiscrete	44F	41F, 47F
Range of CHWST reset	Nondiscrete	6F (44F-50F)	3F (44F-47F), 9F (44F-53F)
Type of reset	Discrete	OAT-based	Demand-based
Type of chiller <sup>1</sup>	Discrete	Water-cooled (0.75 kW/ton)	Air-cooled (1.25 kW/ton)
Design water-cooled chiller efficiency <sup>2</sup>	Nondiscrete	Vintages <2003: 0.75 kW/ton. Vintages >=2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages >=2003: 0.77 kW/ton, 0.49 kW/ton.
Design air-cooled chiller efficiency	Nondiscrete	1.25 kW/ton	1.0 kW/ton, 1.5 kW/ton
Chiller speed control	Discrete	Constant	VFD

<sup>1</sup> Due to the complexity of modeling this parameter in eQuest, it will first be tested for the 1978-1992 vintage only. If it is found to be a significant factor, it will be tested for other vintages as well.

<sup>2</sup> kW/ton = EIR \* 3.517



Parameter	Parameter Type	Base	Test
Chilled water pump speed control	Discrete	None (constant speed)	VFD <sup>3</sup>
CWST setpoint	Nondiscrete	80F	70F, 90F
CWST setpoint reset	Discrete	None (fixed 80F)	Reset 70F to 80F based on load
Cooling tower fan speed control	Discrete	None (constant single speed fan)	Two-speed fan, VFD
SAT setpoint	Nondiscrete	55F	53F, 60F
SAT setpoint reset	Discrete	None (fixed 55F)	OAT-based reset <sup>4</sup> , demand-based reset

These variables will be tested for the Large Office building type. The sensitivity analysis for the supply air temperature reset measure showed that the Large Office building type is a good representation of the other building types for purposes of the sensitivity analysis.

The variables will be tested for each of four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento) and three building vintages (pre-1978, 1978-1992, 2002-2005).

The variables that are found to have the greatest impact on savings as part of this analysis will ultimately become either the inputs or the normalizing parameters used in the pre-calculated savings calculator to determine energy savings. These variables will be limited to those that have the greatest impact on the measure savings and can be gathered by the RCx provider during the site investigation. Nondiscrete variables with the greatest impact on savings, that can be gathered by the RCx provider during the site investigation, and show a linear change in the savings proportional to the change in the value of the variable will be classified as normalizing parameters. All other variables with the greatest impact on savings will be classified as inputs. Although increasing the number of variables to include as inputs may increase the resolution of actual energy savings, certain variables or inputs may not be readily available and there's less benefit to including less significant variables.

### 3. Method for Determining Pre-Calculated Savings

#### 3.1. Simulation Models & Energy Savings

PECI will use the DEER 2008 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the pre-calculated savings tool. These building types include:

- Large Office
- Large Retail
- Hospital

---

<sup>3</sup> On primary or secondary chilled water pumps, depending on the DEER 2008 system arrangement.

<sup>4</sup> 55F SAT at 80F OAT, 62F SAT at 50F OAT, linear in between.



- Hotel
- Education (University)

PECI will ‘apply’ the CHWST reset measure to the baseline models and run the simulations to obtain the pre-calculated savings numbers, using the eQuest *Batch Processor*. Peci will simulate the measure for:

- Each building type listed above
- Each climate zone in California (focusing on PG&E climate zones first)
- The five oldest DEER building vintages: pre-1978, 1978-1992, 1993-2001, 2002-2005, and 2006-2009.
- The range of each significant variable, as determined during the sensitivity analysis. Each variable will be evaluated interactively with the other significant variables.

The measure will be evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings. The measure will only apply to those DEER 2008 building types that use a chiller.

We will check the number of hours unmet to make sure they are less than 300 hours (per ASHRAE 90.1-2007 Appendix G) for a random sample of at least thirty runs. If the number of hours unmet is large (i.e., greater than 300 hours), then the range of CHWST reset will be revised until the number of hours unmet is less than 300.

Note that Title 24 required CHWST reset as far back as 1993 for many building types, and this is reflected in the related DEER prototypical building models. However, even though CHWST reset should have been implemented in these buildings, it’s Peci’s experience that this measure is rarely functioning in buildings. Thus, we believe that claiming savings related to implementing this measure is justified. Peci will change the CHWST reset strategy in the baseline model to “fixed” wherever applicable, which is the strategy found in most existing buildings.

The simulated energy savings results will be compared to past PG&E RCx project data. Use of EM&V project data is preferred, but not necessarily required. The DEER prototypical building simulation models may be adjusted as a result of this comparison.

### 3.2. Savings Normalization

PECI will normalize the results from the simulation models by chiller annual operating hours and conditioned floor area served by the chiller, as these likely have a significant, linear effect on measure savings. Based on the results of the Sensitivity Analysis, other variables may be used for normalizing the measure savings.

### 3.3. Tool Interface

The pre-calculated savings values will be incorporated into the spreadsheet-based calculator tool (Building Optimization Analysis (“BOA”) Tool). The tool will prompt the user for specific inputs and then calculate the measure savings (kWh, kWh, and / or therms, as applicable) by applying the inputs entered by the user to the pre-calculated savings numbers. The tool will include a description of the measure and tool applicability.

## 4. Deliverables

Upon their completion, the main deliverables will be presented to PG&E and Newcomb Anderson McCormick, as needed, for review. These deliverables include:

1. Draft deliverables
  - a. Preliminary CHWST Reset worksheet in BOA Tool, which will include the preliminary pre-calculated savings values



2. Final deliverables
  - a. Final CHWST Reset worksheet in BOA Tool, which will include the preliminary pre-calculated savings values
  - b. The DEER prototypical building simulation models used, including any changes made

The timeline for submitting these deliverables will be determined by the project team once this development plan is approved. PECl can begin work immediately upon approval of this plan.

### A3. Measure Development Plan: Zone Temperature Deadband



# **PG&E Pre-Calculated Savings Tool Development Plan**

Increase Zone Temperature Deadband

May 25, 2010



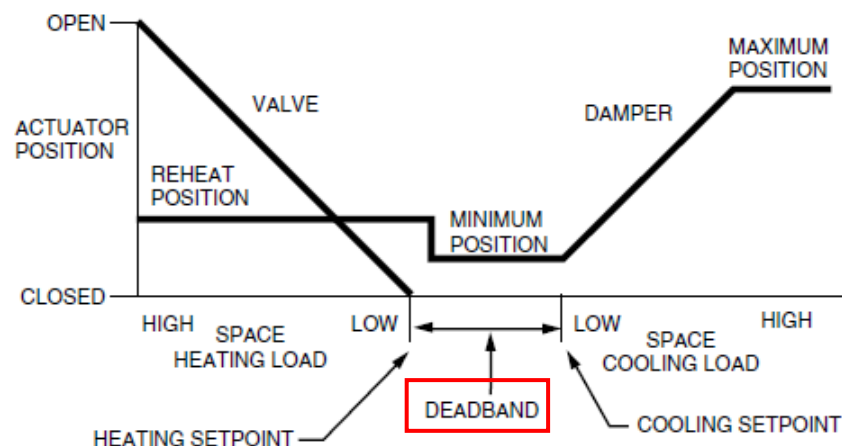
Dave Moser, P.E.  
Michelle Lichtenfels, LEED® AP  
Christopher Morales, LEED® AP  
Erik Greensfelder





This document outlines PECI's plan for developing pre-calculated electric and natural gas savings values related to increasing the zone temperature deadband. Zone temperature deadband is defined as the range of zone temperatures in which no heating or cooling is required. Widening the deadband, say from 68°F heating / 72°F cooling (4°F deadband) to 66°F heating / 74°F cooling (8°F deadband), is an energy conservation technique that allows the space temperature to "float" between the upper and lower setpoints. This minimizes heating or cooling energy while the space temperature is within the deadband range.

A graphic representation of zone temperature deadband for a VAV box with hot water reheat is shown in the following figure, from Honeywell's *Engineering Manual of Automatic Control for Commercial Buildings*:



**Figure 1. Zone deadband control.**

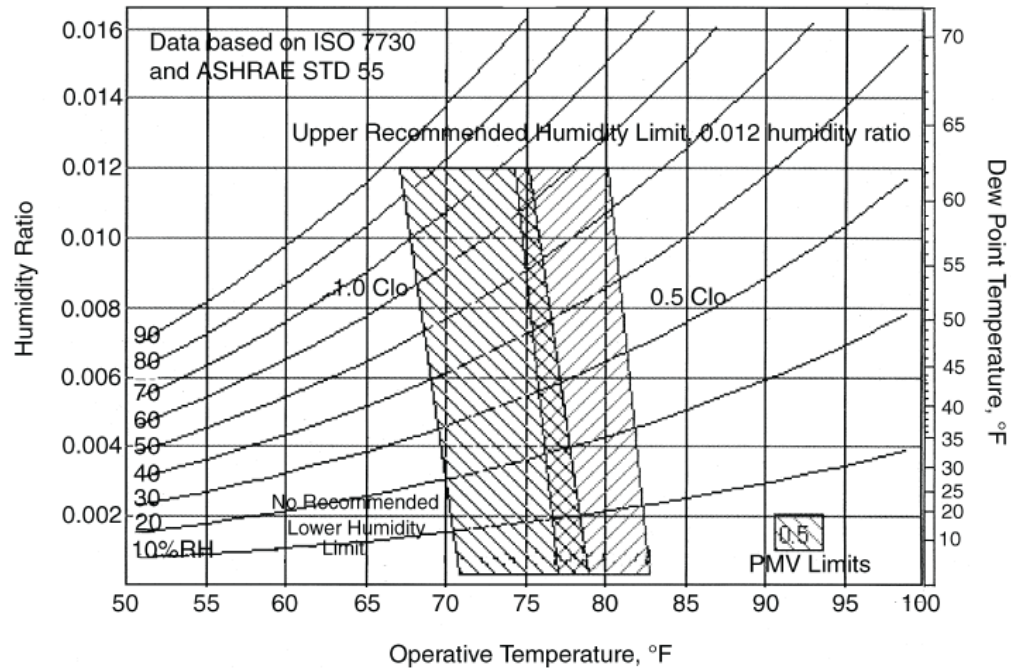
This plan includes a description of the measure, our approach for the factor sensitivity analysis, and the strategy for determining the pre-calculated savings. Note that this measure was not implemented on any project in PECI's 2006-08 California RCx programs, likely due to the complexity related to the energy savings calculation and the measure's applicability only to DDC zone temperature control.

## 1. Measure Description

The baseline system operation for the measure is as follows:

- The zone temperature deadband is 4°F (72°F heating setpoint, 76°F cooling setpoint). This is consistent with DEER 2008 model assumptions.

The energy conservation measure (ECM) will increase the zone temperature deadband, up to a maximum 12°F. A deadband of 8°F is consistent with ASHRAE Standard 55-2004, *Thermal Environmental Conditions for Human Occupancy*, which defines a range of operative space temperatures for 80% occupant acceptability. We are proposing allowing for up to a 12°F deadband, to accommodate Owners who have a higher tolerance for a wide deadband and more aggressive energy savings goals.



**Figure 2. Acceptable range of operative temperature and humidity (from ASHRAE 55-2004)**

## 2. Sensitivity Analysis

PECI will perform a factor sensitivity analysis to determine the parameters (variables) that have the most significant effect on measure savings. The following variables will be tested, along with the range of values that will be used in the tests:

Parameter	Parameter Type	Base	Test
Space temperature setpoint (midpoint of deadband)	Nondiscrete	74°F	70°F, 78°F
Deadband range	Nondiscrete	4°F (72°F-76°F)	8°F (70°F-78°F), 12°F (68°F-80°F)
VAV box minimum flow rate	Nondiscrete	30%	20%, 40%
SAT setpoint	Nondiscrete	55°F	53°F, 60°F
SAT setpoint reset	Discrete	None (fixed 55°F)	OAT-based reset <sup>1</sup>
Type of chiller <sup>2</sup>	Discrete	Water-cooled (0.75 kW/ton)	Air-cooled (1.25 kW/ton)

<sup>1</sup> 55°F SAT at 80°F OAT, 62°F SAT at 50°F OAT, linear in between. This should be representative for the effect of demand-based SAT reset as well, since the sensitivity analysis for the CHWST reset measure showed that OAT-based SAT reset and demand-based SAT reset had similar effects on savings.

<sup>2</sup> Due to the complexity of modeling this parameter in eQuest, this factor will first be tested for the 1978-1992 vintage only. If it is found to be a significant factor, it will be tested for other vintages as well.



Parameter	Parameter Type	Base	Test
Design water-cooled chiller efficiency <sup>3</sup>	Nondiscrete	Vintages <2003: 0.75 kW/ton. Vintages >=2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages >=2003: 0.77 kW/ton, 0.49 kW/ton.
Design air-cooled chiller efficiency	Nondiscrete	1.25 kW/ton	1.0 kW/ton, 1.5 kW/ton
Design boiler efficiency	Nondiscrete	80%	94%
Design minimum outdoor air	Nondiscrete	15 cfm/person	10 cfm/person, 20 cfm/person
Fan Control Type	Discrete	Vintages <1978: Discharge dampers Vintages between 1978 and 2001: IGVs	VFD control

These variables will be tested for the Large Office building type. The sensitivity analysis for the supply air temperature reset measure showed that the Large Office building type is a good representation of the other building types for purposes of the sensitivity analysis.

The variables will be tested for each of four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento) and three building vintages (pre-1978, 1978-1992, 2002-2005).

The variables that are found to have the greatest impact on savings as part of this analysis will ultimately become either the inputs or the normalizing parameters used in the savings calculator tool. These variables will be limited to those that have the greatest impact on the measure savings and can be gathered by the RCx provider during the site investigation.

Any nondiscrete variables that (a) have a significant impact on savings, (b) can be gathered by the RCx provider during the site investigation, and (c) show a linear change in the savings proportional to the change in the value of the variable will be included as normalizing parameters in the tool. All other variables with significant impact on savings will be classified as inputs. Although increasing the number of variables to include as inputs beyond only the most significant variables may increase the resolution of actual energy savings, certain variables or inputs may not be readily available and there's less benefit to including less significant variables.

---

<sup>3</sup> kW/ton = EIR \* 3.517



### 3. Method for Determining Pre-Calculated Savings

#### 3.1. Simulation Models & Energy Savings

PECI will use the DEER 2008 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the pre-calculated savings tool. These building types include:

- Large Office
- Large Retail
- Hospital
- Hotel
- Education (University)

PECI will 'apply' the deadband measure to the baseline models and run the simulations to obtain the pre-calculated savings numbers, using the eQuest *Batch Processor*. Peci will simulate the measure for:

- Each building type listed above
- Each climate zone in California
- The five oldest DEER building vintages: pre-1978, 1978-1992, 1993-2001, 2002-2005, and 2006-2009.
- The range of each significant variable, as determined during the sensitivity analysis. Each variable will be evaluated interactively with the other significant variables.

The measure will be evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings.

Since this measure was not implemented on any project in Peci's 2006-08 California RCx programs, the results from the simulation models cannot be compared to any program data. However, the simulated results will be reviewed for general reasonableness.

#### 3.2. Savings Normalization

PECI will normalize the results from the simulation models by air handler annual operating hours and conditioned floor area served by the air handler, as these likely have a significant, linear effect on measure savings. Based on the results of the Sensitivity Analysis, other variables may be used for normalizing the measure savings.

#### 3.3. Tool Interface

The pre-calculated savings values will be incorporated into the spreadsheet-based Building Optimization Analysis (BOA) calculator tool. The tool will prompt the user for specific inputs and then calculate the measure savings (kWh, kWh, and / or therms, as applicable) by accessing the pre-calculated savings numbers and multiplying by the normalizing factors. The tool will include a description of the measure and tool applicability.

For any inputs that fall outside of the range of parameters tested in the sensitivity analysis, the tool will use the savings factor for the nearest value. The tool will interpolate between savings values, but will not extrapolate when the input falls outside of the range.



## 4. Deliverables

Upon their completion, the following deliverables will be presented to PG&E and Newcomb Anderson McCormick for review:

1. Draft deliverables
  - a. Preliminary Zone Temperature Deadband worksheet in BOA Tool, which will include the preliminary pre-calculated savings values
2. Final deliverables
  - a. Final Zone Temperature Deadband worksheet in BOA Tool, which will include the preliminary pre-calculated savings values
  - b. The DEER prototypical building simulation models used, including any changes made

PECI will begin work immediately upon approval of this plan.

#### A4. Measure Development Plan: Lighting Scheduling

# PG&E Pre-Calculated Savings Tool Development Plan

Reduce Interior Lighting Schedule

June 18, 2010



Dave Moser, P.E.  
Michelle Lichtenfels, LEED® AP  
Christopher Morales, LEED® AP  
Erik Greensfelder







This document outlines PECI's plan for developing pre-calculated electric and natural gas savings values related to reducing lighting operating time schedules for lighting circuits serving fully conditioned spaces. This plan includes a description of the measure, our approach for the factor sensitivity analysis, and the strategy for determining the pre-calculated savings.

## 1. Measure Description

The baseline interior lighting time schedule for the measure assumes 24/7 operation of all lighting circuits serving fully conditioned spaces. The lighting schedule will not assume any turndown based on time-of-day. In other words, the interior lighting will be assumed to be operating at 100 percent of the lighting power density (LPD). This is consistent with the majority of the PG&E, SCE, and SDG&E PECI RCx Program data, which is summarized in Table 1 below.

**Table 1: PECI RCx Programs Reduce Lighting Schedule Summary<sup>1,2</sup>**

Program	Baseline Description	Measure Description	Annual Electricity Savings (kWh/ft <sup>2</sup> )	Annual Natural Gas Savings (Therms/ft <sup>2</sup> )
SCE	24/7	Reduce lighting schedule to conform to occupancy schedule	0.1884	0
SCE	6am to 2pm, 365 days/yr	Reduce lighting schedule in intermittently occupied areas to when in use.	0.1232	0
SCE	24/7	Interlock lighting circuits to operate based on AHU supply fan status.	0.0760	-0.0008
SCE	6am to 9pm, M-F and Sat 7am to Noon.	Reduce to 7am to 6pm weekday and shut off all day Saturday except for 2nd floor where tenant works Sat till 1pm	0.1661	0
SDG&E	24/7	Reduce lighting schedule to match occupancy schedule	0.5710	0
SDG&E	24/7	Reduce lighting schedule to match occupancy schedule.	0.0205	0
SDG&E	24/7	Reduce lighting schedule to operate M-F 5am to 8pm.	2.6931	0
PG&E	6am to 9:30pm (M-F)	Reduce lighting schedule 1.5 hrs during the week at the end of the day (begin light sweep 1.5 hrs earlier).	0.0926	0
PG&E	6am to 9:30pm (M-F)	Reduce lighting schedule 1.5 hrs during the week at the end of the day (begin light sweep 1.5 hrs earlier).	0.2301	0
PG&E	24/7	Reduce atrium emergency lighting operation.	0.0041	0

<sup>1</sup> Note that detailed descriptions are not available for some measures. The information in the table is considered representative of reduced lighting schedule measures affecting interior lighting circuits.

<sup>2</sup> Although 14 'reduce interior lighting schedule' measures were identified that affected interior lighting circuits, only 12 projects are shown in the table above. One project had two (2) measures that affected interior lighting. These measures were consolidated.



Program	Baseline Description	Measure Description	Annual Electricity Savings (kWh/ft <sup>2</sup> )	Annual Natural Gas Savings (Therms/ft <sup>2</sup> )
PG&E	24/7	Reduce lobby lighting schedule to match occupancy.	0.0611	0
PG&E	Unknown / Insufficient data	Reduce Ballroom, Salon 1-6, 10-15, and Nob Hill lighting to match occupancy.	0.1300	0

Although 35 measures in the PECI RCx Program dataset were classified as lighting schedule reduction measures only 14 identified measures applied to conditioned spaces and had sufficient detail to be useful in understanding the measure and baseline. Of the 14 identified measures 50 percent had an interior lighting schedule baseline conforming to 24/7 operation. The remaining 50 percent had broad variance in the baseline interior lighting operating schedules, rendering additional categorization of operating baselines prohibitively challenging.

The energy conservation measure (ECM) will reduce the interior lighting schedule for all lighting circuits serving fully-conditioned spaces to match the occupancy schedule. If the relationship between lighting schedule hours reduced and energy savings is nonlinear, additional ECM cases will be defined and included in the BOA tool as inputs. If many cases are needed, other factors may not be analyzed in order to keep the simulation run time reasonable.

## 2. Sensitivity Analysis

PECI will perform a factor sensitivity analysis to determine the parameters (variables) that have the most significant effect on measure savings. The following variables will be tested, along with the range of values that will be used in the tests:

Parameter	Parameter Type	Base Case	Test Case
Baseline Connected Lighting Power Density (LPD) <sup>3</sup>	Nondiscrete	Lobby: 1.12 W/ft <sup>2</sup> Office: 1.32 W/ft <sup>2</sup>	Lobby: 1 W/ft <sup>2</sup> , 1.23 W/ft <sup>2</sup> Office: 1.18 W/ft <sup>2</sup> , 1.45 W/ft <sup>2</sup>
Baseline Lighting Schedule <sup>4</sup>	Nondiscrete	24/7	Extra two hours beyond DEER 2008 start and stop time (approx. 6am to 6pm M-Sat)  Extra four hours beyond DEER 2008 start and stop time (approx. 4am to 8pm M-Sat).

<sup>3</sup> Due to the complexity of modeling this parameter in eQuest, it will first be tested for the 1978-1992 vintage only. If it is found to be a significant factor, it will be tested for other vintages as well.

<sup>4</sup> Using the DEER 2008 lighting operating schedule as the ECM condition in each case (see Figure 1 for DEER 2008 interior lighting operating schedule).



Parameter	Parameter Type	Base Case	Test Case
Number of Daily Hours Reduced in Lighting Schedule <sup>5</sup>	Nondiscrete	12 hours (to 6am – 6pm M-Sat)	10 hours (to 7am – 7pm M-Sat) 14 hours (to 5am – 5pm M-Sat)
Design Boiler Efficiency	Nondiscrete	80%	94%
Type of chiller <sup>6</sup>	Discrete	Water-cooled (0.75 kW/ton)	Air-cooled (1.25 kW/ton)
Design water-cooled chiller efficiency <sup>7</sup>	Nondiscrete	Vintages <2003: 0.75 kW/ton. Vintages >=2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages >=2003: 0.77 kW/ton, 0.49 kW/ton.
Design air-cooled chiller efficiency	Nondiscrete	1.25 kW/ton	1.0 kW/ton, 1.5 kW/ton
SAT setpoint	Nondiscrete	55F	53F, 60F
SAT setpoint reset	Discrete	None (fixed 55F)	OAT-based reset <sup>8</sup>
Space temperature setpoint	Nondiscrete	74°F (4°F deadband)	70°F, 78°F (4°F deadband)
Space temperature deadband	Nondiscrete	4°F	2°F, 8°F

These variables will be tested for the Large Office building type. The sensitivity analysis for the supply air temperature reset measure showed that the Large Office building type is a good representation of the other building types for purposes of the sensitivity analysis.

The variables will be tested for each of four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento) and three building vintages (pre-1978, 1978-1992, 2002-2005).

The variables that are found to have the greatest impact on savings as part of this analysis will ultimately become either the inputs or the normalizing parameters used in the pre-calculated savings calculator to determine energy savings. These variables will be limited to those that have the greatest impact on the measure savings and can be gathered by the RCx provider during the site investigation. Although increasing the number of variables to include as inputs may increase the resolution of actual energy

<sup>5</sup> Using 24/7 lighting operation as the baseline condition in each case.

<sup>6</sup> See note 3 above.

<sup>7</sup> kW/ton = EIR \* 3.517

<sup>8</sup> 55F SAT at 80F OAT, 62F SAT at 50F OAT. SAT setpoint varies linearly in between.



savings, certain variables or inputs may not be readily available and there's less benefit to including less significant variables.

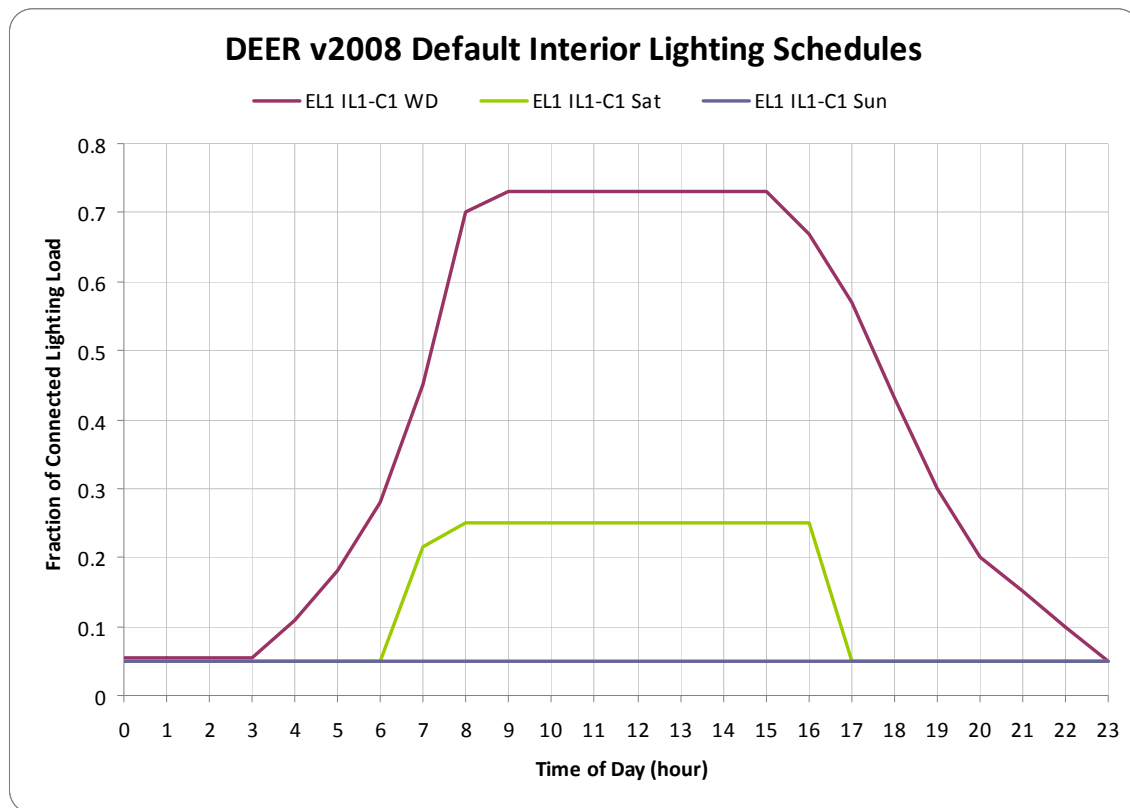


Figure 1. DEER 2008 Interior Lighting Schedule

### 3. Method for Determining Pre-Calculated Savings

#### 3.1. Simulation Models & Energy Savings

PECI will use the DEER 2008 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the pre-calculated savings tool. These building types include:

- Large Office
- Large Retail
- Hospital
- Hotel
- Education (University)

PECI will 'apply' the 'Reduce Interior Lighting Schedule' measure to the baseline models and run the simulations to obtain the pre-calculated savings numbers, using the eQuest *Batch Processor*. Peci will simulate the measure for:

- Each building type listed above
- Each climate zone in California (focusing on PG&E climate zones first)



- The five oldest DEER building vintages: pre-1978, 1978-1992, 1993-2001, 2002-2005, and 2006-2009.
- The range of each significant variable, as determined during the sensitivity analysis. Each variable will be evaluated interactively with the other significant variables.

The measure will be evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings.

The simulated energy savings results will be compared to past PG&E RCx project data. Use of EM&V project data is preferred, but not necessarily required. The DEER prototypical building simulation models may be adjusted as a result of this comparison.

### 3.2. Savings Normalization

PECI will normalize the results from the simulation models by lighting annual operating hours and mean lighting power density (LPD), as these likely have a significant, linear effect on measure savings. This assumption will be confirmed during the Sensitivity Analysis. Based on the results of the Sensitivity Analysis, other variables may be used for normalizing the measure savings.

### 3.3. Tool Interface

The pre-calculated savings values will be incorporated into the spreadsheet-based calculator tool (Building Optimization Analysis ("BOA") Tool). The tool will prompt the user for specific inputs and then calculate the measure savings (kWh, kWh, and / or therms, as applicable) by applying the inputs entered by the user to the pre-calculated savings numbers. The tool will include a description of the measure and tool applicability. The application of the tool will be limited to full-conditioned spaces since the energy savings from the *Batch Processor* runs in eQuest will have cooling and heating energy savings included. Calculation of energy savings resulting from reducing the lighting schedule for exterior lighting and lighting circuits serving unconditioned spaces (e.g., stairwells) can easily be calculated by an RCx provider as these measures would not have any interactive effects with HVAC equipment.

## 4. Deliverables

Upon their completion, the main deliverables will be presented to PG&E and Newcomb Anderson McCormick, as needed, for review. These deliverables include:

1. Draft deliverables
  - a. Preliminary Reduce Lighting Schedule worksheet in BOA Tool, which will include the preliminary pre-calculated savings values;
2. Final deliverables
  - a. Final Reduce Lighting Schedule worksheet in BOA Tool, which will include the preliminary pre-calculated savings values;
  - b. The DEER prototypical building simulation models used, including any changes made.

The timeline for submitting these deliverables will be determined by the project team once this development plan is approved. Peci can begin work immediately upon approval of this plan.

## A5. Measure Development Plan: Occupancy Sensors for Lighting Control

# PG&E Pre-Calculated Savings Tool Development Plan

Occupancy Sensors

August 6, 2010



Dave Moser, P.E.  
Michelle Lichtenfels, LEED® AP  
Christopher Morales, LEED® AP  
Erik Greensfelder





This document outlines PECl's plan for developing a simple, easy-to-use pre-calculated savings tool for determining electric and natural gas savings (or penalties) by adding or optimizing occupancy sensors. This plan includes a description of the measure, our approach for the factor sensitivity analysis, and the strategy for determining the pre-calculated savings.

## 1. Measure Description

The baseline and measure operation for the measure will be based on the DEER 2005 occupancy sensor method, which estimated occupancy sensor savings using research from the Lighting Research Center (LRC)<sup>1</sup>. The DEER default models assume lighting profiles that are typical of limited lighting use during unoccupied hours, characteristic of installing occupancy sensors to control lighting luminaires. The measure is simulated in DEER 2005 by modifying the schedules to increase energy use, following the savings predicted in the LRC study. The DEER 2005 analysis in eQuest determines the energy savings by computing the difference between the DEER default model and measure case for each applicable building type, climate zone, and vintage.

The intent of this measure in the Building Optimization Analysis (BOA) tool is to calculate savings related to adding occupancy sensors to control lighting in occupied spaces, for a range of different space types and HVAC systems. PECl's 2006-08 PG&E RCx program included two occupancy sensor measures, one that addressed restrooms and another that addressed stairwells. Since restrooms and stairwells are not typically conditioned, the BOA Tool will likely not apply to these spaces. In addition, the savings calculation for these types of spaces is relatively straightforward, since there are no interactions with the building HVAC system. Therefore, savings from the BOA Tool will not be compared to these program results. PECl will work with NAM to determine a reasonable process for testing the BOA tool results for reasonableness.

## 2. Sensitivity Analysis

The occupancy sensor measure is similar to the previously developed lighting scheduling measure, in that the intent of both measures is to reduce interior lighting operation in conditioned spaces to better match occupancy in order to realize energy savings. The sensitivity analysis performed for the lighting scheduling measure showed that the number of annual hours reduced in the lighting schedule and baseline connected lighting power density were the two most significant driving variables, and were ultimately used as inputs for that measure.

Rather than performing a sensitivity analysis for the occupancy sensor measure, PECl is proposing to leverage the sensitivity analysis results for the lighting scheduling measure, with the following exceptions:

- Hours of lighting operation reduced would not be an input. The tool will use the DEER 2005 schedules.
- Space type would be a possible additional input, depending on the results of the feasibility analysis (see below). Adding space type as an input gives more granularity than DEER 2005, which assumes a mix of space types for each building type.

## 3. Feasibility Analysis

As indicated above, we will investigate the feasibility of adding space type as an input for this measure. The DEER 2005 models assume a blend of space types for its occupancy measure. Allowing tool users to select specific space types (e.g., closed office, conference rooms) rather than using a blended assumption should allow the savings calculated by the tool to be more project-specific than using the DEER 2005 savings.

---

<sup>1</sup> VonNeida, Bill, Dorene Maniccia, and Allan Tweed. [An analysis of the energy and cost savings potential of occupancy sensors for commercial lighting systems](#). IES Paper #43, 2000.





PECI will evaluate whether the occupancy sensor measure savings calculated for specific space types is significantly different than the DEER 2005 savings. If it is not significantly different, then PECI will populate the BOA Tool with the DEER 2005 savings values. Including the DEER 2005 savings values in the BOA Tool should help RCx providers, since they won't have to use another program (e.g., NRR-DR, SPC) to access the occupancy sensor savings values.

If the savings for specific space types is significantly different from the DEER 2005 savings, PECI will then evaluate the DEER 2005 models to determine the level of effort related to calculating savings values for different space types in each building type. At this time, after a cursory review of the DEER 2005 models and related batch processor, there appear to be three options related to including space type as an input, in order of preference:

- Include space type for the Hospital, Hotel, University, and Large Office building types
- Include space type for the Hospital, Hotel, and University building types (at this time, Large Office appears to be set up in a manner that makes it less feasible to break out the savings by space type than the other three building types)
- Don't include space type as an input. Populate the BOA Tool with the DEER 2005 savings values.

PECI will submit the results of the feasibility analysis to PG&E and NAM for review.

## 4. Method for Determining Pre-Calculated Savings

### 4.1. Simulation Models & Energy Savings

PECI will use the DEER 2005 prototypical building eQuest simulation models as a base for determining the annual electric and natural gas savings used in the pre-calculated savings tool. These building types include:

- Large Office
- Hospital
- Hotel
- Education (University)

Large Retail is not included in DEER 2005 for this measure, and will not be included in the BOA Tool either for consistency.

PECI will 'apply' the Occupancy Sensor measure to the baseline models and run the simulations to obtain the pre-calculated savings numbers, using the eQuest *Batch Processor*. PECI will simulate the measure for:

- Each building type listed above
- Each climate zone in California (focusing on PG&E climate zones first)
- The five oldest DEER building vintages: pre-1978, 1978-1992, 1993-2001, 2002-2005, and 2006-2009.
- Each space type represented in each building type, where feasible. E.g., open plan offices, closed offices, and conference rooms for Large Office buildings.

The measure will be evaluated for electric energy (kWh), electric demand (kW, corresponding to DEER peak kW reporting period), and gas energy (therm) savings.



## 4.2. Savings Normalization

PECI will normalize the results from the simulation models by baseline lighting annual operating hours and connected lighting power density (LPD) or lighting load, as these were shown in the lighting scheduling sensitivity analysis to have a significant, linear effect on measure savings.

## 4.3. Tool Interface

The pre-calculated savings values will be incorporated into the spreadsheet-based calculator tool (Building Optimization Analysis (“BOA”) Tool). The tool will prompt the user for specific inputs and then calculate the measure savings (kWh, kWh, and / or therms, as applicable) by applying the inputs entered by the user to the pre-calculated savings numbers. The tool will include a description of the measure and tool applicability. The application of the tool will be limited to full-conditioned spaces since the energy savings from the *Batch Processor* runs in eQuest will have cooling and heating energy savings included. Calculation of energy savings resulting from reducing the lighting schedule for exterior lighting and lighting circuits serving unconditioned spaces (e.g., stairwells) will not be covered by the tool but can easily be calculated by an RCx provider, as these measures would not have any interactive effects with HVAC equipment.

## 5. Deliverables

Upon their completion, the main deliverables will be presented to PG&E and Newcomb Anderson McCormick, as needed, for review. These deliverables include:

1. Draft deliverables
  - a. Preliminary Occupancy Sensor worksheet in BOA Tool, which will include the preliminary pre-calculated savings values;
2. Final deliverables
  - a. Feasibility Analysis Results
  - b. Final Occupancy Sensor worksheet in BOA Tool, which will include the preliminary pre-calculated savings values;
  - c. The DEER prototypical building simulation models used, including any changes made.

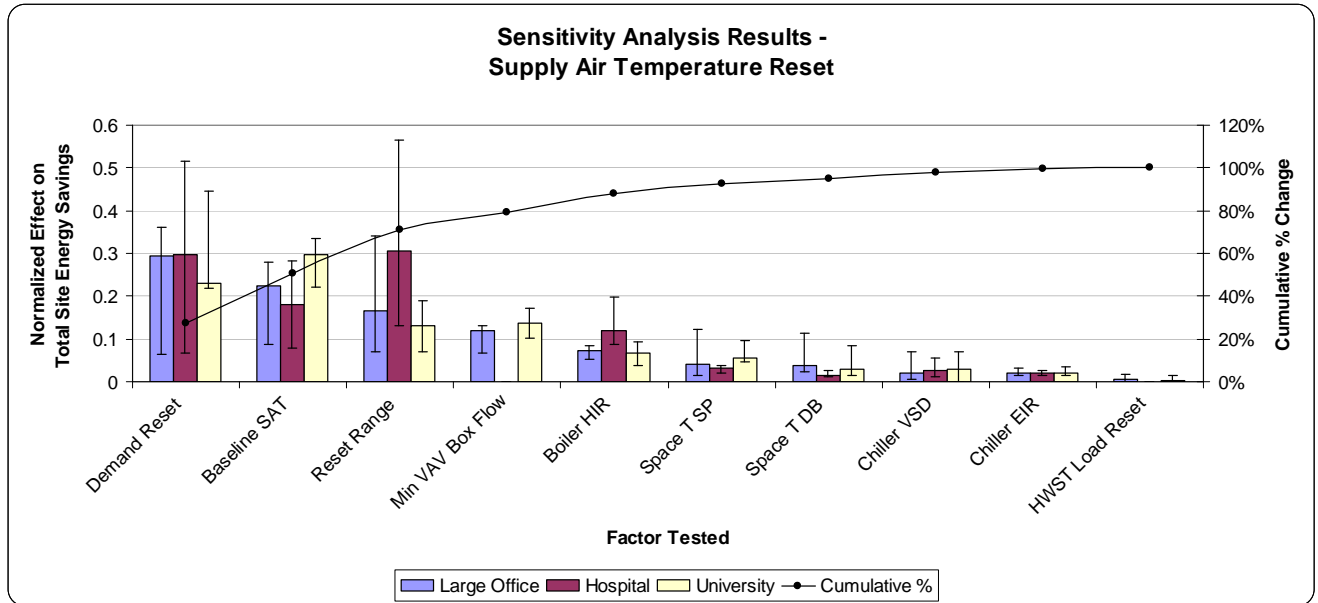
The timeline for submitting these deliverables will be determined by the project team once this development plan is approved. Peci can begin work immediately upon approval of this plan.

## Appendix B: Sensitivity Analysis Results

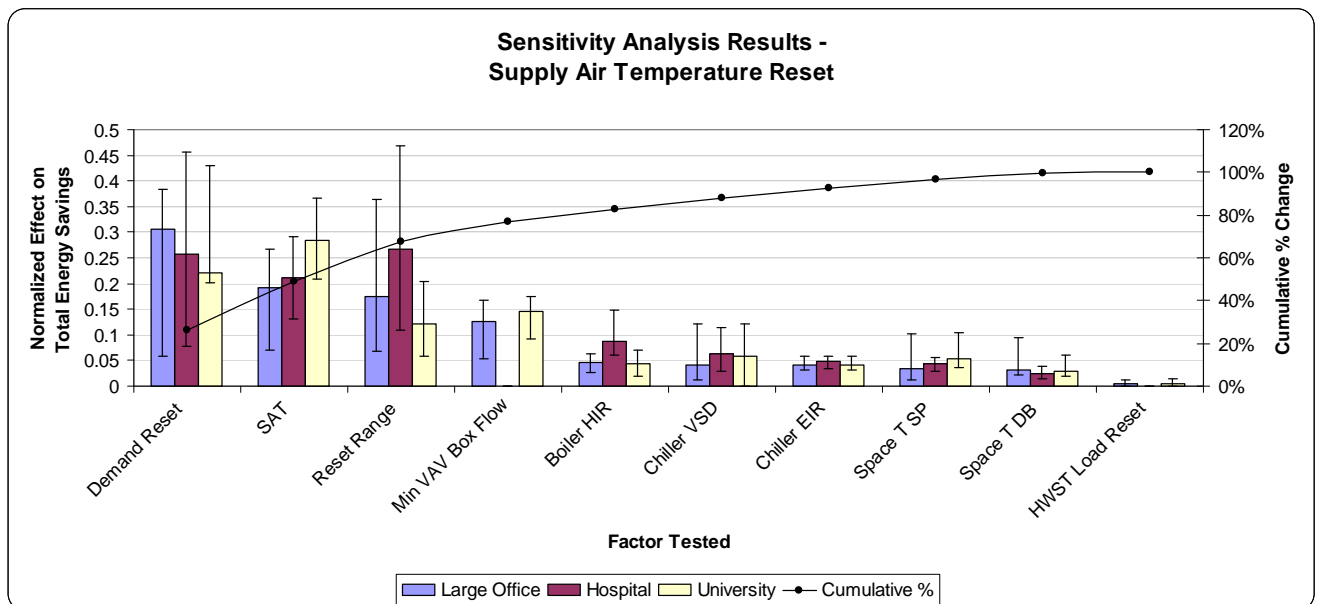
## B1. Sensitivity Analysis: Supply Air Temperature Setpoint Reset

## SAT Reset – Sensitivity Analysis

Original results using site energy savings:



Updated results using source energy:

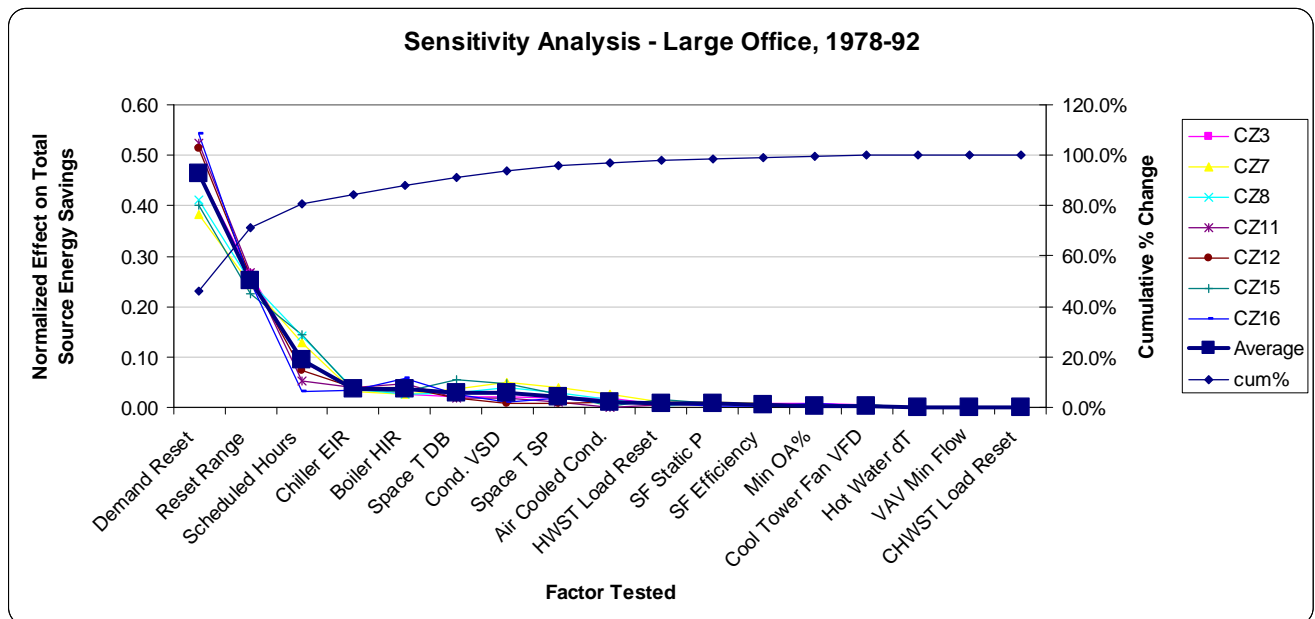


Note that there are some small changes between the two, but the underlying conclusion holds constant: demand reset, baseline SAT, and reset range are the most significant variables.

The chart below shows the results of the first step of the sensitivity analysis, revised to show source energy savings instead of site energy savings. Again, there are some small changes, but the use of source energy doesn't change the factors we considered to be most important.

'Air Cooled Cond.' relates to changing the chiller type from a water-cooled chiller (0.75 kW/ton) to an air-cooled chiller (1.25 kW/ton).

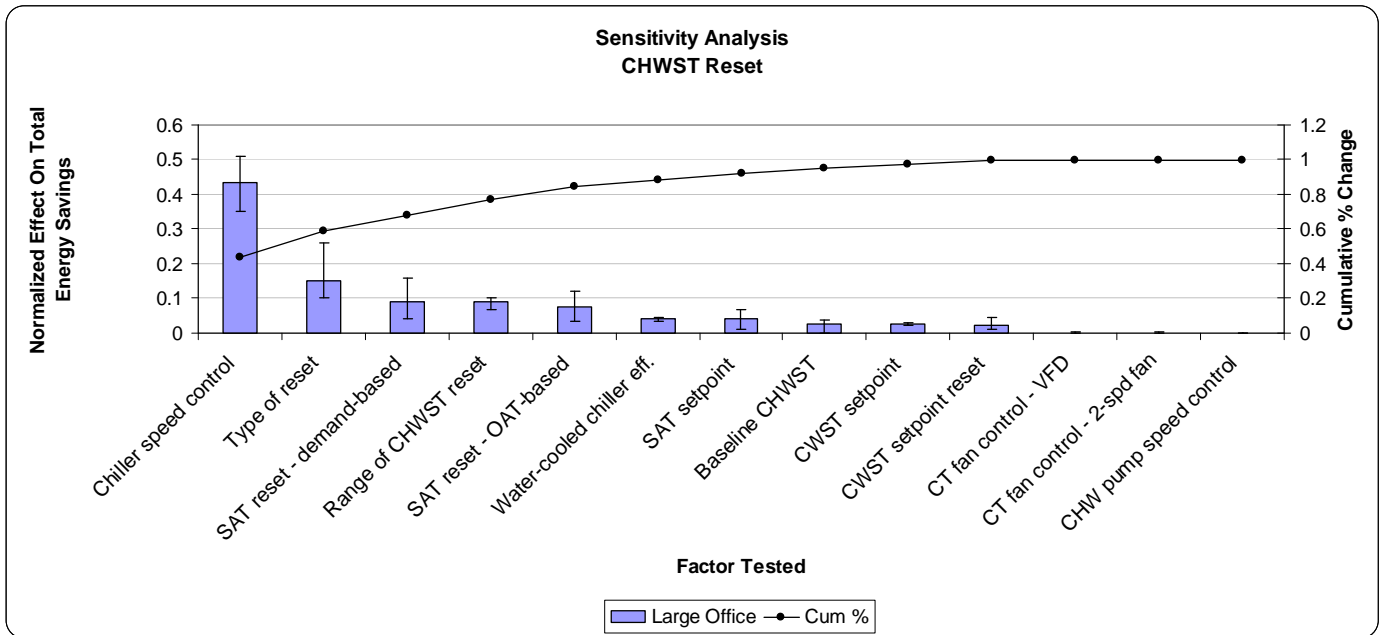
Note that between this first step and the final analysis presented on the previous page, 'Scheduled Hours' was removed from the analysis (it will be included in the tool as a normalizing variable), and 'Baseline SAT' was added to the analysis.



## **B2. Sensitivity Analysis: Chilled Water Supply Temperature Setpoint Reset**

# Sensitivity Analysis Chilled Water Supply Temperature Reset May 27, 2010

We have completed the sensitivity analysis for the CHWST reset measure described in the development plan. The results are shown in the figure below. Below the figure is a table that shows the values tested for each factor.



Parameter	Base	Test
Chiller speed control	Constant	VFD
Type of reset	OAT-based	Demand-based
SAT setpoint reset	None (fixed 55F)	OAT-based reset <sup>1</sup> , demand-based reset
Range of CHWST reset	6F (44F-50F)	3F (44F-47F), 9F (44F-53F)
Design water-cooled chiller efficiency	Vintages <2003: 0.75 kW/ton. Vintages ≥2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages ≥2003: 0.77 kW/ton, 0.49 kW/ton.
SAT setpoint	55F	53F, 60F
Baseline CHWST	44F	41F, 47F
CWST setpoint	80F	70F, 90F

<sup>1</sup> 55F SAT at 80F OAT, 62F SAT at 50F OAT, linear in between.



Parameter	Base	Test
CWST setpoint reset	None (fixed 80F)	Reset 70F to 80F based on load
Cooling tower fan speed control	None (constant single speed fan)	Two-speed fan, VFD
Chilled water pump speed control	None (constant speed)	VFD <sup>2</sup>

The figure shows the normalized effect of the various factors tested (values tested are shown in the development plan). The analysis was performed for the large office building type, three building vintages (pre-1978, 1978-1992, and 2002-2005), and four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento), for a representative mix. The effect is based on source energy savings. Based on these results, we are proposing to proceed with developing the pre-calculated savings for the CHWST reset measure using the following top five inputs from the chart, which account for about 84% of the cumulative change:

- Chiller VFD: Yes or no
- CHWST reset type: OAT-based or demand-based
- SAT reset type: no reset, OAT-based reset (55F at 80F OAT, 62F at 50F OAT), demand-based reset (55F-62F)
- CHWST reset range: 3F, 9F (44-47, 44-53)

As in the SAT reset measure, runs will be conducted for five building types (Large Office, Hospital, Hotel, Education - University, and Large Retail), five vintages (Pre-1978, 1978-1992, 1993-2001, 2002-2005, 2006-2009), and each of California's 16 climate zones.

Along with the baseline run this represents 12,000 eQuest runs (for comparison, the SAT reset measure used 4,800 runs). The number of runs could be reduced by only choosing one type of SAT reset strategy (demand or OAT based), but the variation between the two strategies seems to warrant including both.

For the CHWST reset range factor the effect on savings was found to be linear, so only the two runs described above will be performed. Savings will be interpolated between these values. Savings will not be extrapolated (for example if the user enters a reset range greater than 9 degrees the savings from 9 degrees will be given).

Using air-cooled chillers instead of water-cooled chillers was also tested as a factor, for the '78-92 vintage. This factor's effect on savings falls between SAT OAT-based reset and changing the water-cooled chiller efficiency. We feel as though this difference is enough to warrant concern about applying the pre-calculated savings factors obtained

---

<sup>2</sup> On primary or secondary chilled water pumps, depending on the DEER 2008 system arrangement.

from the DEER baseline models, which use water-cooled chillers, to buildings with air-cooled chillers. In order to include air-cooled chillers in the tool, runs could be performed with DEER models adapted to use air-cooled chillers. However, this would include a substantial modification to the DEER 2008 models, and would require a significant time investment. At this time, we recommend that the BOA tool savings for this measure not apply to buildings with air-cooled chillers. This will be clearly indicated in this measure's Tool Applicability section in the BOA Tool. Perhaps future versions of the tool could include air-cooled chillers, if the RCx programs expect to see this measure applied to air-cooled chilled water systems.

### B3. Sensitivity Analysis: Zone Temperature Deadband

# Zone Temperature Deadband

## Sensitivity Analysis Results

25th June, 2010

We have completed the sensitivity analysis for the zone temperature deadband measure described in the associated development plan. The results are shown in the figure below. Below the figure is a table that shows the values tested for each factor.

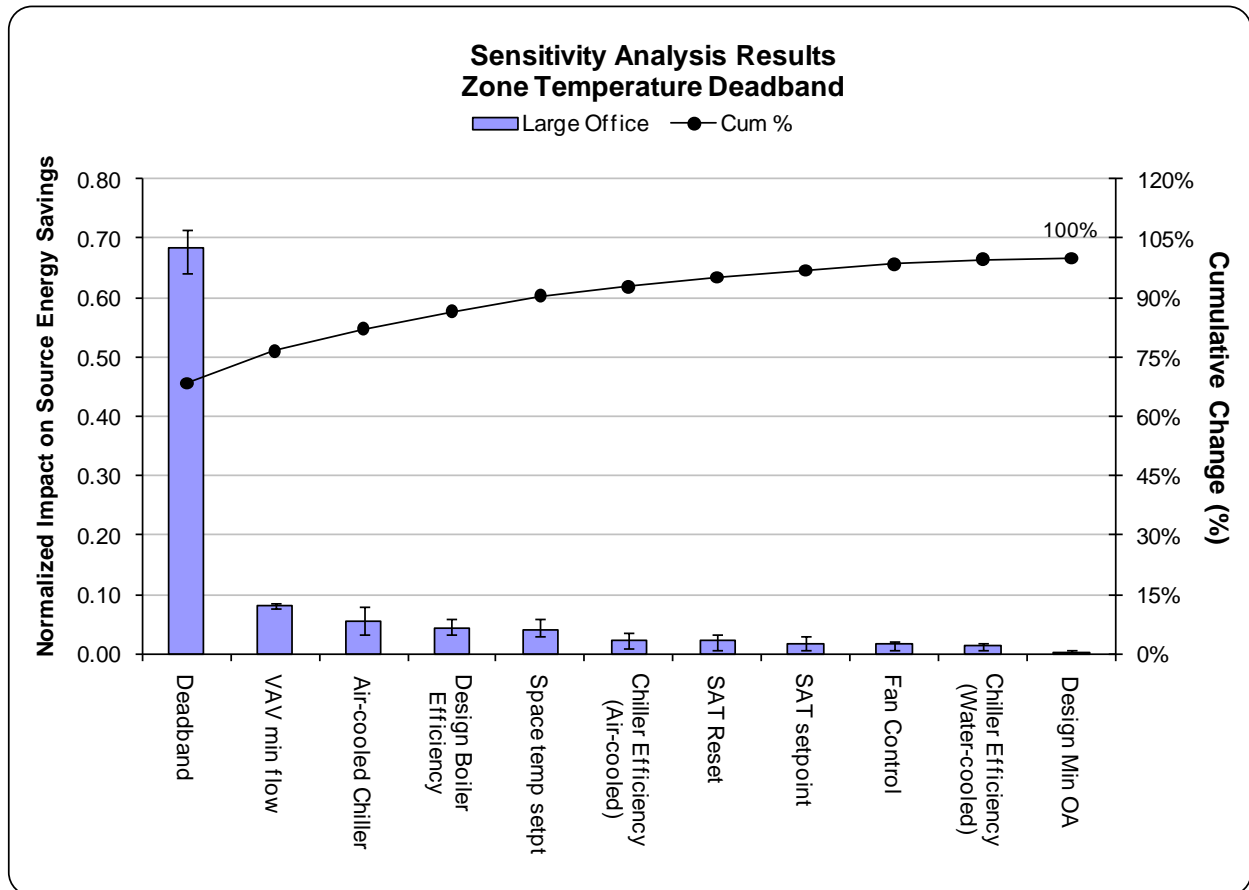


Figure 1: Sensitivity Analysis Results Chart

**Table 1: Parameters Tested during Sensitivity Analysis**

Parameter	Parameter Type	Base	Test
Deadband range	Nondiscrete	2°F (73°F-75°F)	4°F (72°F-76°F) 8°F (70°F-78°F), 12°F (68°F-80°F)
VAV box minimum flow rate	Nondiscrete	30%	20%, 40%
Type of chiller <sup>1</sup>	Discrete	Water-cooled (0.75 kW/ton)	Air-cooled (1.25 kW/ton)
Design boiler efficiency	Nondiscrete	80%	94%
Space temperature setpoint (midpoint of deadband)	Nondiscrete	74°F	70°F, 78°F
Design air-cooled chiller efficiency	Nondiscrete	1.25 kW/ton	1.0 kW/ton, 1.5 kW/ton
SAT setpoint reset	Discrete	None (fixed 55°F)	OAT-based reset <sup>2</sup>
Fan Control Type	Discrete	Vintages <1978: Discharge dampers Vintages between 1978 and 2001: IGVs	VFD control
SAT setpoint	Nondiscrete	55°F	53°F, 60°F
Design water-cooled chiller efficiency <sup>3</sup>	Nondiscrete	Vintages <2003: 0.75 kW/ton. Vintages ≥2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages ≥2003: 0.77 kW/ton, 0.49 kW/ton.
Design minimum outdoor air	Nondiscrete	15 cfm/person	10 cfm/person, 20 cfm/person

Figure 1 shows the normalized effect of the various factors tested (values tested are shown in the development plan and in Table 1). The analysis was performed for the large office building type, three building vintages (pre-1978, 1978-1992, and 2002-2005), and four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento), for a representative mix. The effect is based on source energy savings.

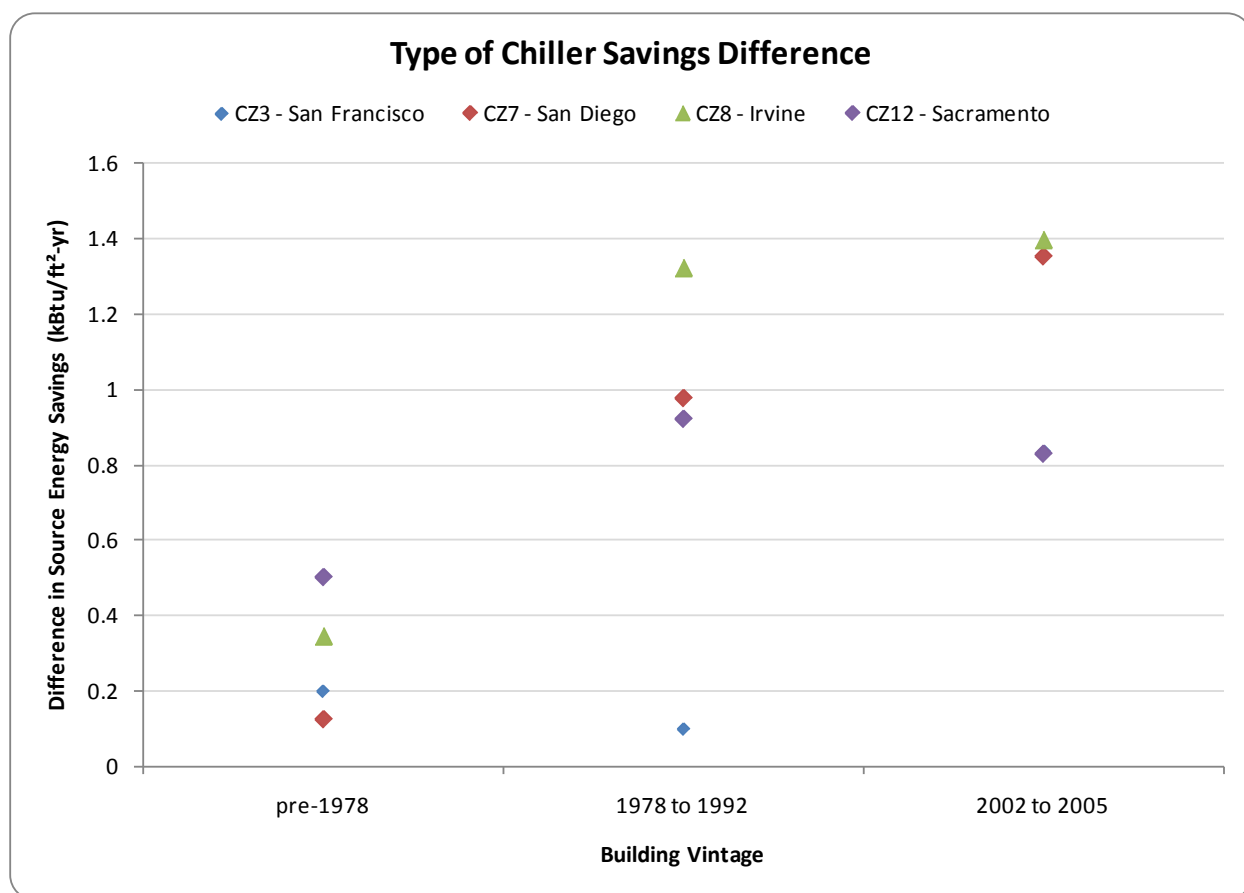
Type of chiller, using air-cooled chillers instead of water-cooled chillers, was also tested as a factor for the 1978-1992 vintage originally. This factor's effect on savings was found to be significant for the 1978 to 1992 vintage. Per the development plan, the effect on savings for the type of chiller used was then evaluated for the pre-1978 and 2002-2005 vintages. The results showed that the type of chiller used, water-cooled or air-cooled, has the second highest effect on the measure savings. We feel that this effect is enough to warrant concern about applying the pre-calculated savings factors obtained from the DEER baseline models, which use water-cooled chillers, to buildings with air-cooled chillers. In order to include air-cooled chillers in the tool, runs could be performed with DEER models adapted to use air-cooled chillers. However, this would include a substantial modification to the DEER 2008 models, and would

<sup>1</sup> Due to the complexity of modeling this parameter in eQuest, this factor will first be tested for the 1978-1992 vintage only. If it is found to be a significant factor, it will be tested for other vintages as well.

<sup>2</sup> 55°F SAT at 80°F OAT, 62°F SAT at 50°F OAT, linear in between. This should be representative for the effect of demand-based SAT reset as well, since the sensitivity analysis for the CHWST reset measure showed that OAT-based SAT reset and demand-based SAT reset had similar effects on savings.

<sup>3</sup> kW/ton = EIR \* 3.517

require a significant time investment. Upon further investigation, the measure savings were consistently higher when air-cooled chiller was selected as the chiller type (see Figure 2 below). Based on this difference, use of the water-cooled chiller-based measure savings would result in conservative savings for projects with air-cooled chillers. It is recommended that the providers investigating buildings with air-cooled chillers be allowed to use the BOA tool to calculate measure savings.



**Figure 2: Savings Difference between air-cooled and water-cooled chiller<sup>4</sup>**

Based on these results, we are proposing to proceed with developing the pre-calculated savings for the zone temperature deadband measure using the following inputs from the chart, which account for about 90% of the cumulative change:

- Zone Temperature deadband range: baseline (2°F) and 12°F
- VAV box minimum flow rate: baseline (30%), 20%, 40%
- Design boiler efficiency: baseline (80% AFUE) and 94% AFUE
- Space temperature setpoint: baseline (74°F) and 70°F

As in the SAT reset and CHWST reset measures, runs will be conducted for five (5) building types (Large Office, Hospital, Hotel, Education - University, and Large Retail), five vintages (Pre-1978, 1978-1992, 1993-2001, 2002-2005, 2006-2009), and each of California's 16 climate zones. Along with the

<sup>4</sup> Positive difference in savings indicates less conservative savings values. In this case, the air-cooled chiller measure savings were higher than the water-cooled chiller savings.

baseline runs this represents 9,600 eQuest runs (for comparison, the SAT reset measure used 4,800 runs).

The effect on savings for zone temperature deadband range was found to be linear (see Figure 2 below), so only the one run described above will be performed. Savings will be interpolated between zero savings at two degrees deadband and the savings found at 12 degrees deadband. The slope of this line will also be used for cases where the baseline deadband is greater than two, Savings will not be extrapolated (for example if the user enters a deadband range greater than 12 degrees the savings from 12 degrees will be given).

## Source Energy Savings for Various Deadband Ranges

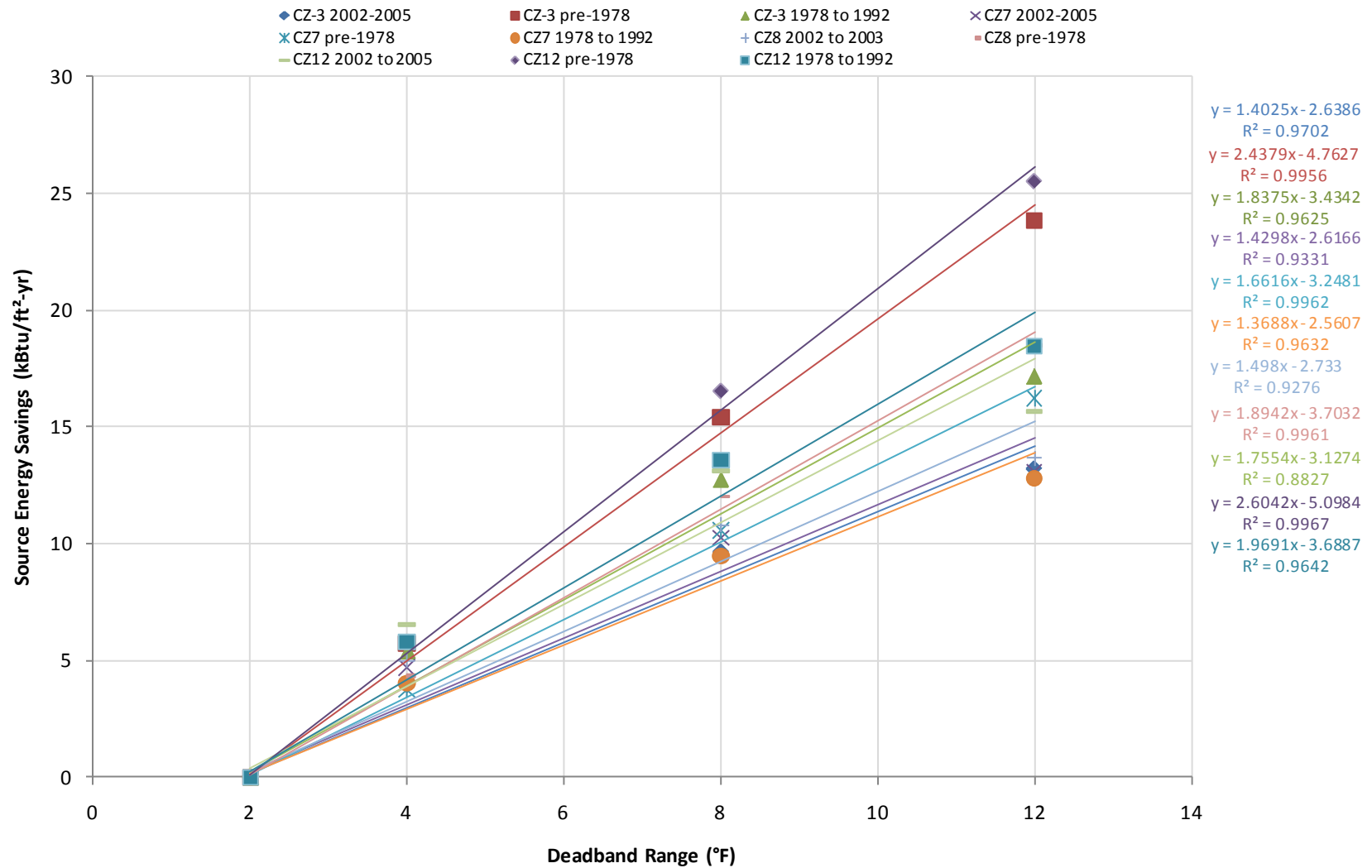
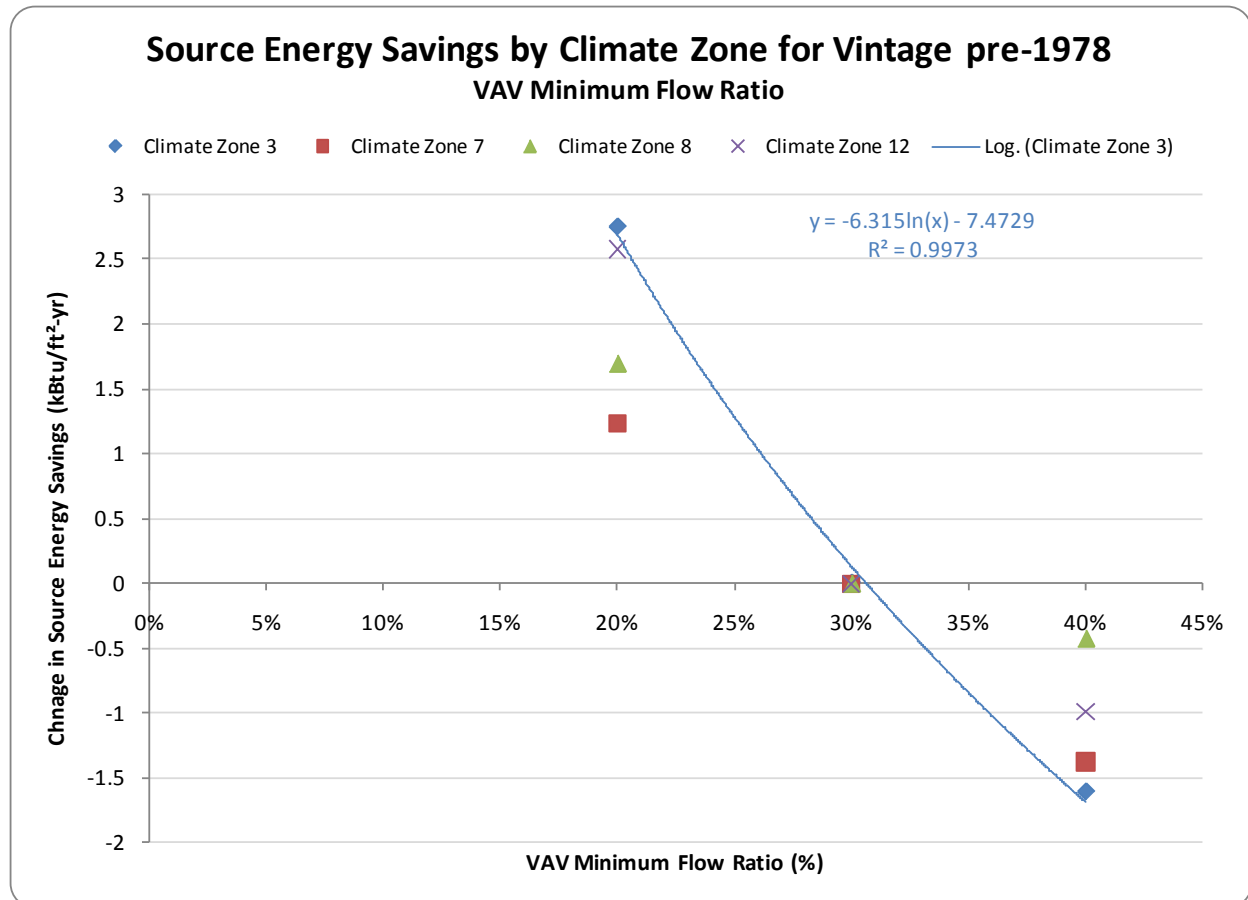


Figure 3: Linear effect of zone temperature deadband range



The effect on savings for VAV box minimum flow rate was found to be curvilinear (see Figure 3 below), so the three runs described above will be performed. Savings will be interpolated between VAV box minimum flow rates of 20% and 30%, and similarly for 30% and 40% VAV box minimum flow rates. Savings will not be extrapolated (for example if the user enters a VAV box minimum flow less than 20% degrees, the savings from 20% will be given).



**Figure 4: Curvilinear effect of VAV minimum box flow rate**

The effect on savings for space temperature setpoint was found to be linear (see Figure 4 below), so the only the two runs described above will be performed. Savings will be interpolated between these values. Savings will not be extrapolated (for example if the user enters a space temperature setpoint less than 70°F, the savings from 70°F will be given).

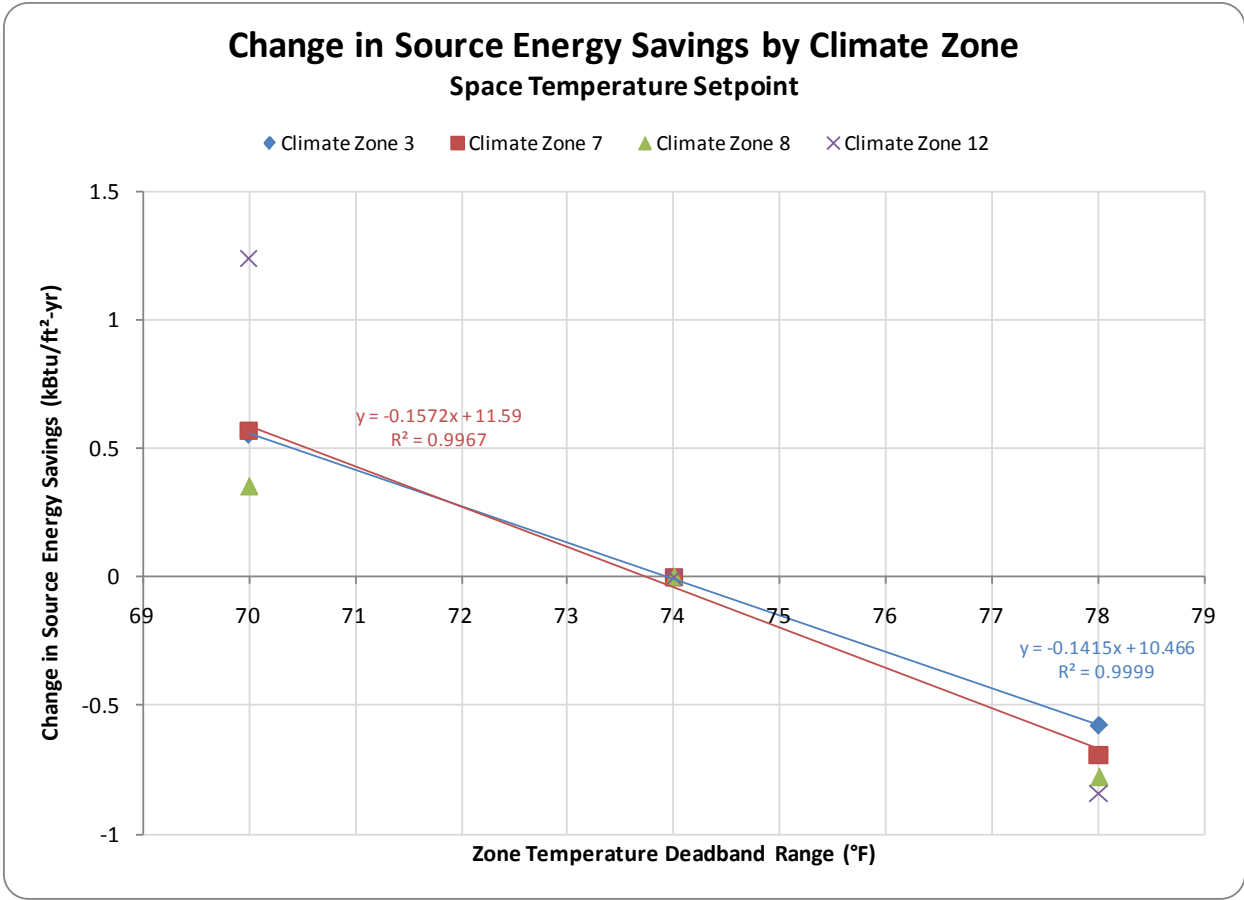


Figure 5: Linear effect of space temperature setpoint

#### B4. Sensitivity Analysis: Lighting Scheduling

# Interior Lighting Scheduling

## Sensitivity Analysis Results

20<sup>th</sup> July, 2010

We have completed the sensitivity analysis for the interior lighting scheduling measure described in the associated development plan. The results are shown in the figure below. Below the figure is a table that shows the values tested for each factor.

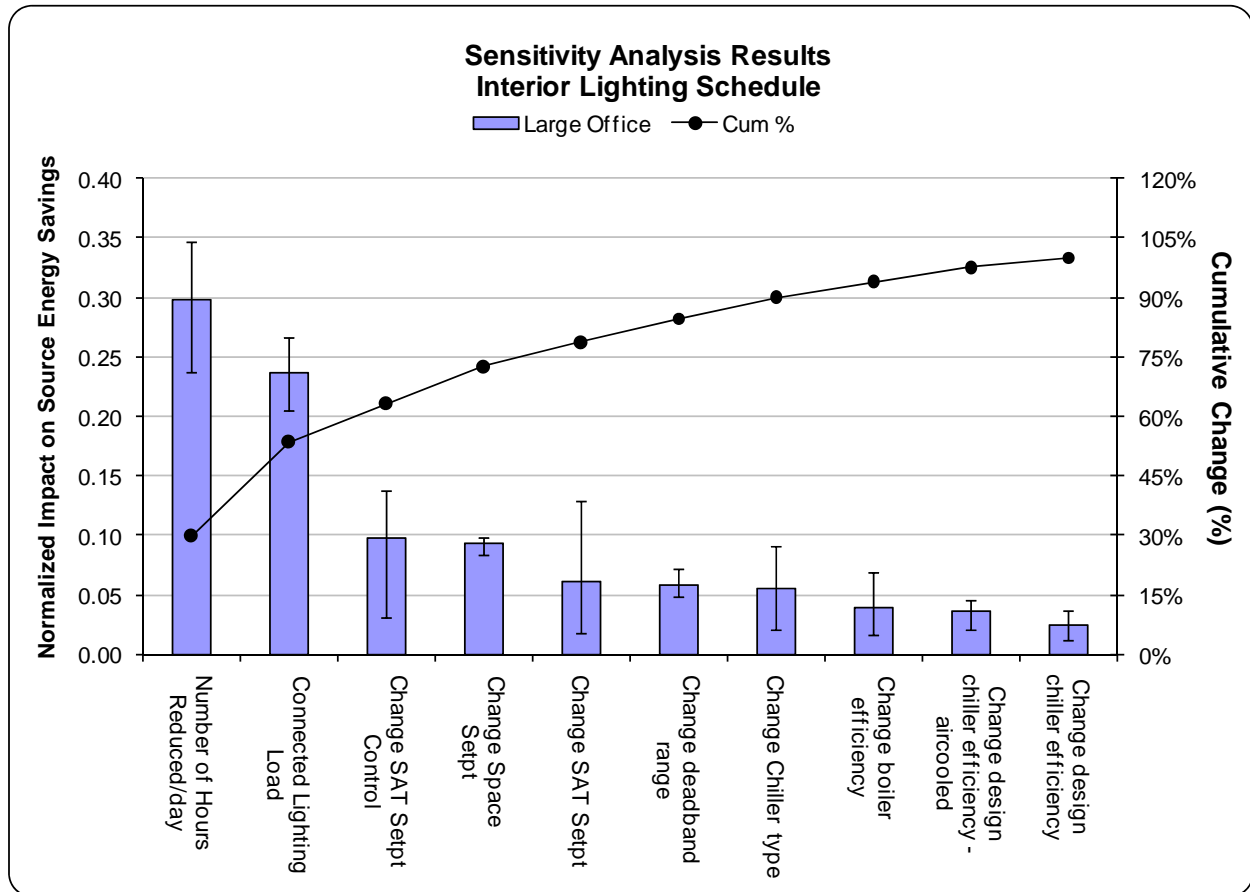


Figure 1: Sensitivity Analysis Results Chart

**Table 1: Parameters Tested during Sensitivity Analysis**

Parameter	Parameter Type	Base Case	Test Case
Number of Annual Hours Reduced in Lighting Schedule <sup>1</sup>	Nondiscrete	5,304 hours (to 9am to 4pm M-Sat)	3,120 hours (to 5am – 7pm M-Sat)  4,368 hours (to 7am – 5pm M-Sat)
Baseline Connected Lighting Power Density (LPD)	Nondiscrete	(pre-1978, 1978 – 1992): Lobby: 1.44 W/ft <sup>2</sup> Closed Office: 1.39 W/ft <sup>2</sup> Open Office: 1.13 W/ft <sup>2</sup>  (2002 – 2005): Lobby: 1.12 W/ft <sup>2</sup> Closed Office: 1.32 W/ft <sup>2</sup> Open Office: 1.06 W/ft <sup>2</sup>	90% of baseline LPD, 110% of baseline LPD
SAT setpoint reset	Discrete	None (fixed 55F)	OAT-based reset <sup>2</sup>
Space temperature setpoint	Nondiscrete	74°F (4°F deadband)	70°F, 78°F (4°F deadband)
SAT setpoint	Nondiscrete	55F	53F, 60F
Space temperature deadband	Nondiscrete	4°F	12°F, 8°F
Type of chiller	Discrete	Water-cooled (0.75 kW/ton)	Air-cooled (1.25 kW/ton)
Design Boiler Efficiency	Nondiscrete	80%	94%
Design air-cooled chiller efficiency	Nondiscrete	1.25 kW/ton	1.0 kW/ton, 1.5 kW/ton
Design water-cooled chiller efficiency <sup>3</sup>	Nondiscrete	Vintages <2003: 0.75 kW/ton. Vintages ≥2003, 0.63 kW/ton.	Vintages <2003: 0.91 kW/ton, 0.60 kW/ton. Vintages ≥2003: 0.77 kW/ton, 0.49 kW/ton.

Figure 1 shows the normalized effect of the various factors tested (values tested are shown in the development plan and in Table 1). The analysis was performed for the large office building type, three building vintages (pre-1978, 1978-1992, and 2002-2005), and four climate zones (3, 7, 8 & 12, corresponding to San Francisco, San Diego, Los Angeles, and Sacramento), for a representative mix. The effect is based on source energy savings.

Based on these results, we are proposing to proceed with developing the pre-calculated savings for the zone temperature deadband measure using the following inputs, which account for over half of the cumulative change:

- Reduction in lighting schedule: With 24/7 baseline lighting operation, runs will be conducted at 3,120 hrs/yr, 4,368 hrs/yr, and 5,304 hrs/yr reduced lighting operation;
- Connected lighting load: Runs will be conducted at the DEER v2008 default connected lighting load. Providers will be prompted for lighting power density, which will be used as a normalizing factor;

<sup>1</sup> From 24/7/365 operation. Full-load hours only.

<sup>2</sup> 55F SAT at 80F OAT, 62F SAT at 50F OAT. SAT setpoint varies linearly in between.

<sup>3</sup> kW/ton = EIR \* 3.517

Due to the nature of the measure, the energy savings related to HVAC interactive effects are minimal compared to the lighting energy savings. As such, the measure savings in the BOA tool will be applicable to multiple HVAC types. The measure savings in the BOA tool will also be an “annual blend” of the HVAC interactive effects. In other words, the measure savings will reflect annual cooling energy savings resulting from reduced internal cooling loads and annual natural gas consumption penalties resulting from increased internal heating loads. A caution will be inserted into the BOA tool measure description advising the user that this tool will not accurately predict savings for seasonal lighting schedule reductions. For example, the BOA tool may not be used if the lighting schedule reduction occurs during the wintertime months only.

The BOA tool will calculate and show both reduced electric energy consumption and increased natural gas consumption for this measure. Although utilities typically do not claim negative energy savings, PEI and NAM feel the BOA tool should show negative savings values, as these values affect the measure simple payback periods by which the customers base their decisions for selecting RCx measures for implementation.

As in the other BOA Tool measures that PEI is developing, runs will be conducted for five (5) building types (Large Office, Hospital, Hotel, Education - University, and Large Retail), five vintages (Pre-1978, 1978-1992, 1993-2001, 2002-2005, 2006-2009), and each of California's 16 climate zones. Along with the baseline runs this represents 1,200 eQuest runs (for comparison, the SAT reset measure used 4,800 runs).

For reference, the DEER v2008 lighting schedule is shown in the following chart:

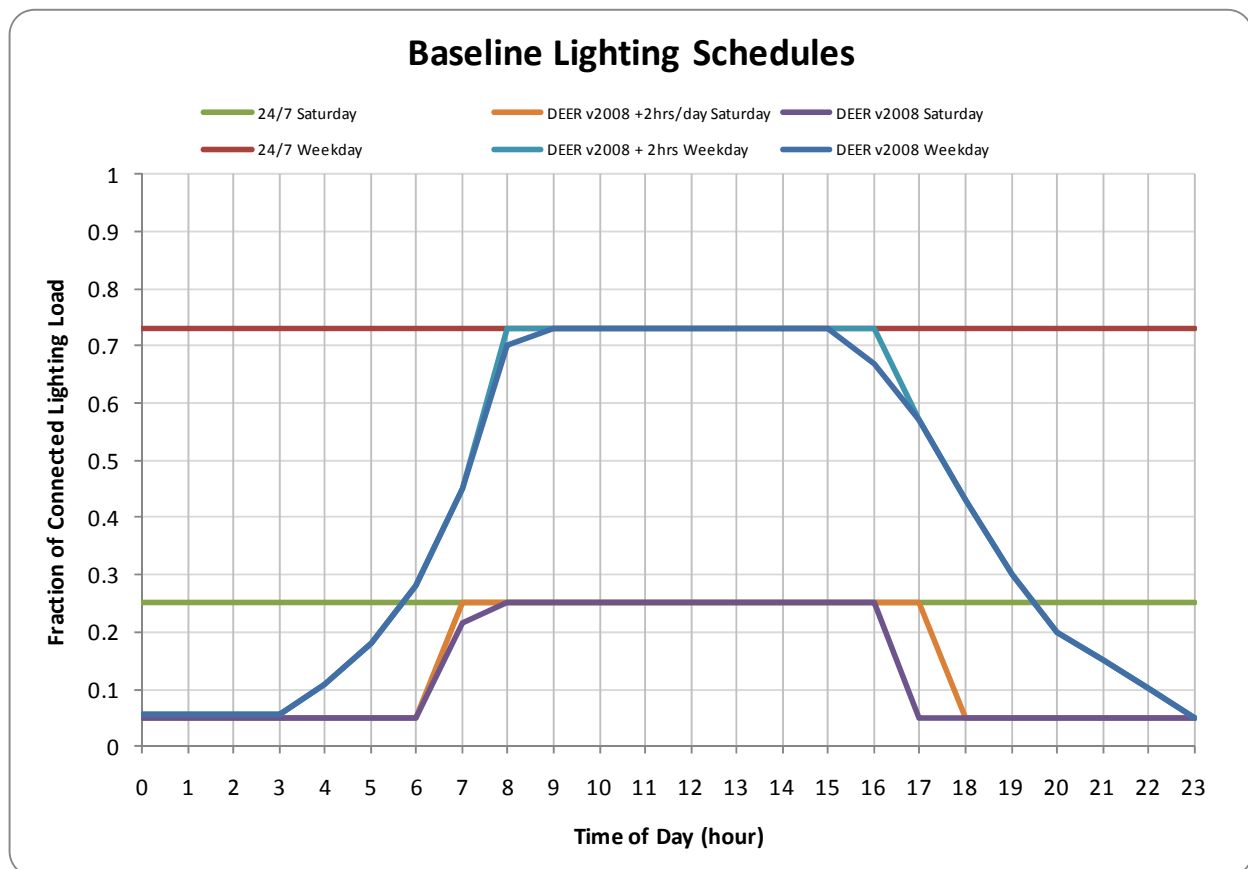
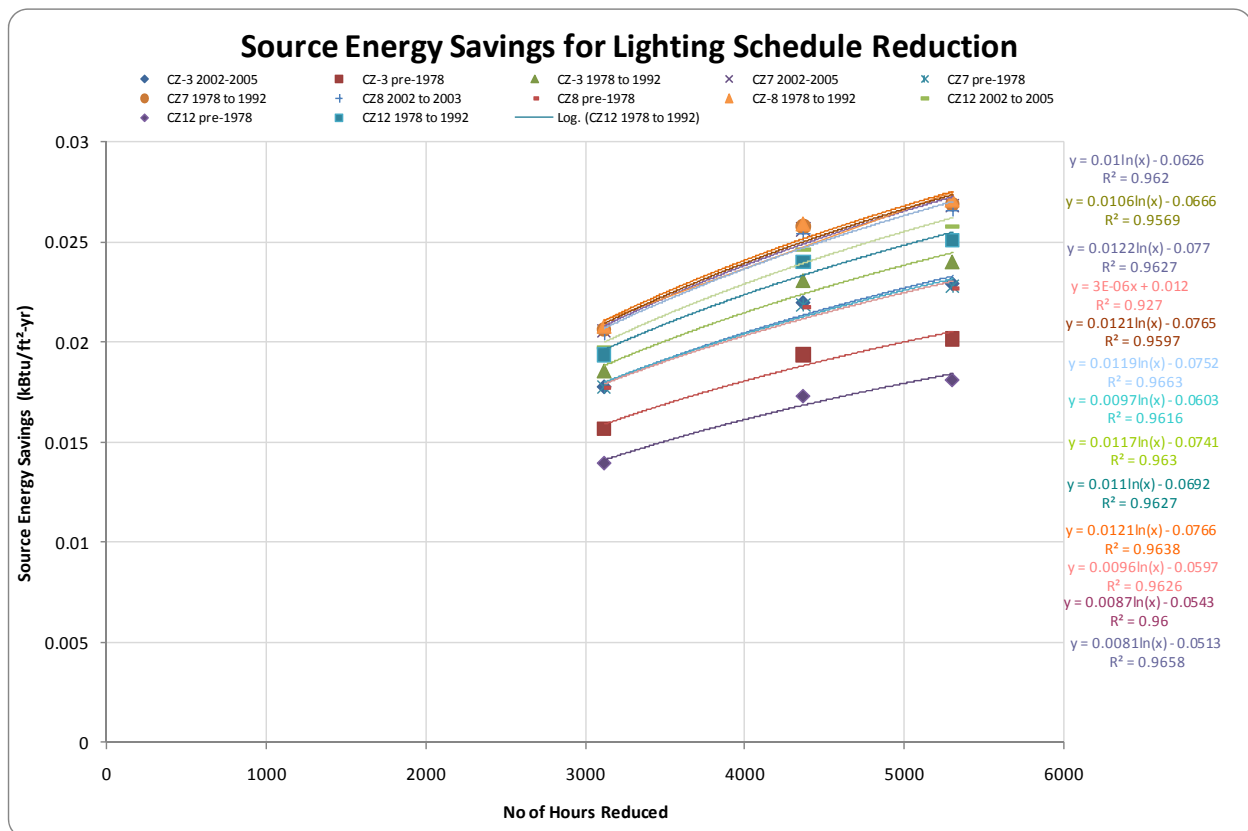


Figure 2: DEER v2008 lighting schedule

The effect on savings for reduction in lighting schedule was found to be curvilinear (see Figure 3 below), so the three runs described above will be performed. Savings will be interpolated for the following cases:

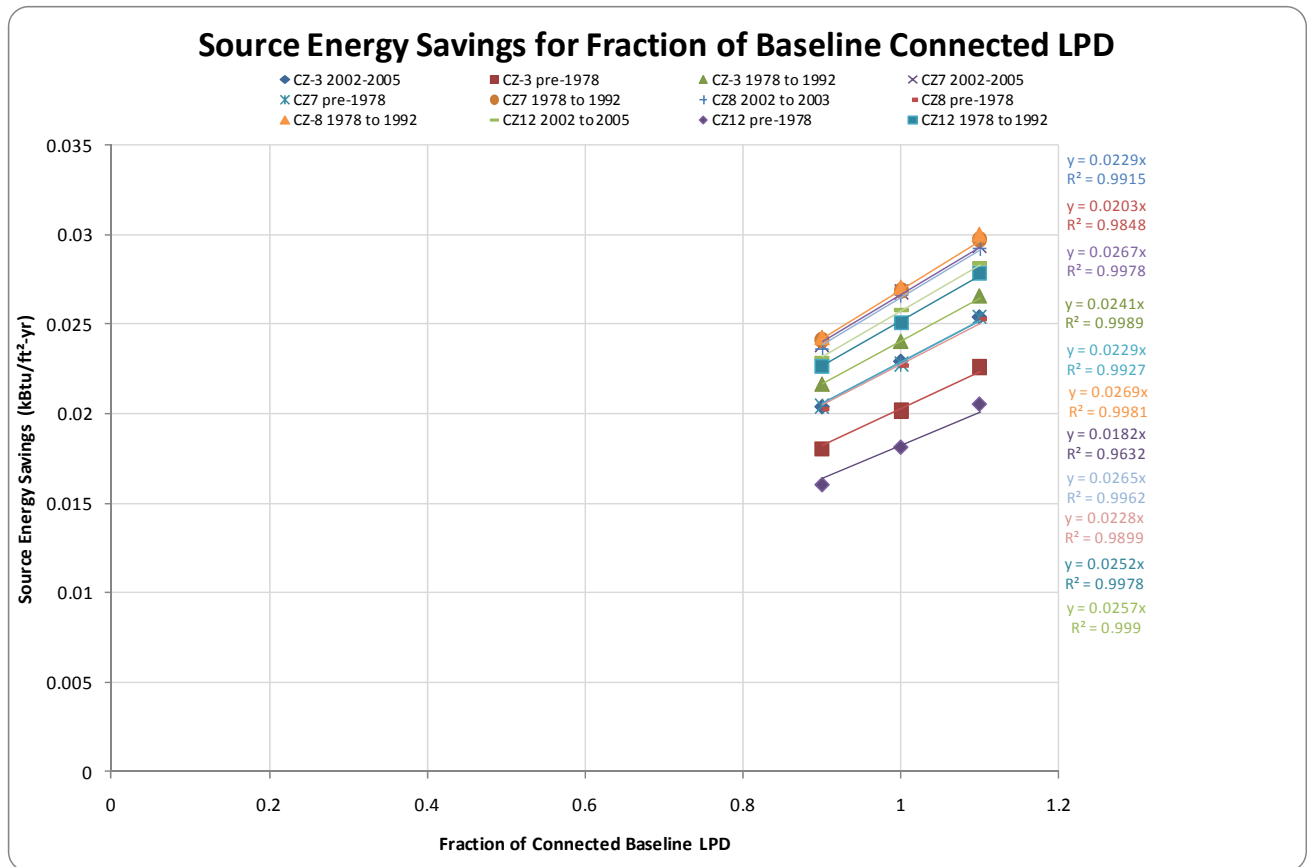
- Between zero savings at 0 hours reduced from the baseline lighting schedule and the savings found at 3,120 hours reduced from the baseline lighting schedule;
- Between the savings found at 3,120 hours reduced from the baseline schedule and 4,368 hours reduced from the baseline schedule; And,
- Between the savings found at 4,368 hours reduced from the baseline schedule and 5,304 hours reduced from the baseline schedule( the DEER v2008 lighting schedule).

Savings will not be extrapolated. E.g., when the number of hours reduced is greater than 5,304 hrs/yr, the savings values found using the DEER v2008 lighting schedule will be used).



**Figure 2: Curvilinear effect of Number of hours reduced from Baseline Lighting Schedule**

The effect on savings for connected lighting load was found to be linear (see Figure 4 below), so only the one run described above will be performed. Savings will be interpolated between zero savings at 0 w/ft<sup>2</sup> connected lighting load and the savings found at DEER v2008 connected lighting load. Since the regression curves have a high R<sup>2</sup> value (>0.96), savings will be extrapolated to calculate savings with higher than DEER v2008 connected lighting loads.



**Figure 3: Linear effect of connected lighting load (All regression curves pass through 0,0).**



## **B5. Sensitivity Analysis: Occupancy Sensors for Lighting Control**

# Occupancy Sensors

## Feasibility Analysis Results

27<sup>th</sup> August, 2010

We have completed the feasibility analysis for the occupancy sensor measure. This analysis was conducted to assess the feasibility of adding space type as an input for this measure, in addition to building type, climate zone, and vintage. Allowing tool users to select specific space types (e.g., closed office, conference rooms) rather than using the blended assumptions inherent in the DEER 2005 occupancy sensor savings values should allow the savings calculated by the tool to be more project-specific than using the DEER 2005 savings values. The analysis showed that incorporating space type as an input to the building optimization analysis (BOA) tool is feasible for large office, hospital, hotel, and university building types.

### Comparison to DEER 2005 Savings

We first reran the DEER 2005 baseline and measure models using the eQuest v3.64 batch processor, and compared the results with the DEER 2005 occupancy sensor savings to confirm the models and procedure used were consistent.

The analysis shows there is a difference between the DEER 2005 savings values and the savings values we generated using the eQuest v3.64 batch processor. The most probable cause for this variance is the use of two different versions of eQuest. DEER 2005 used eQuest v3.5, while we are using eQuest v3.64 since the eQuest v3.5 batch processor is not capable of separating out the different space types, necessary for development of this measure. Experience shows it is common for different versions of eQuest to produce slightly different results.

The electricity savings values, normalized by kW of affected lighting, for the large office building type, averaged for the four vintages of <1978, 1978-1992, 1993-2001, and 2002-2005, are shown in Figure 1.

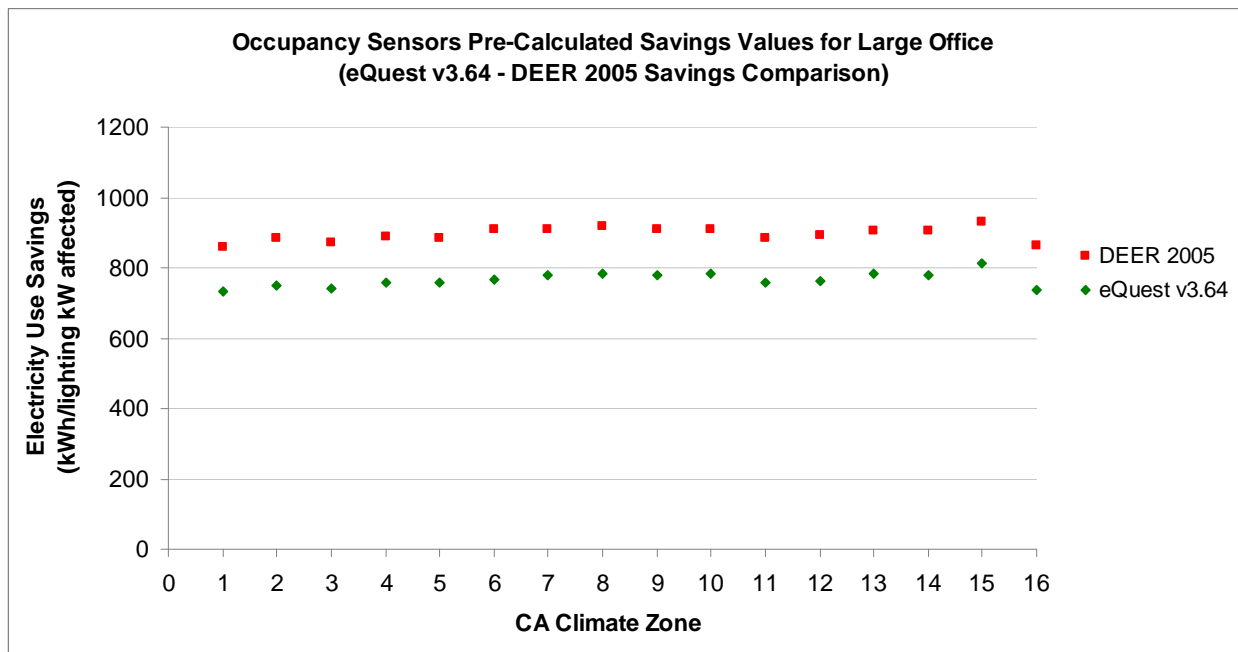
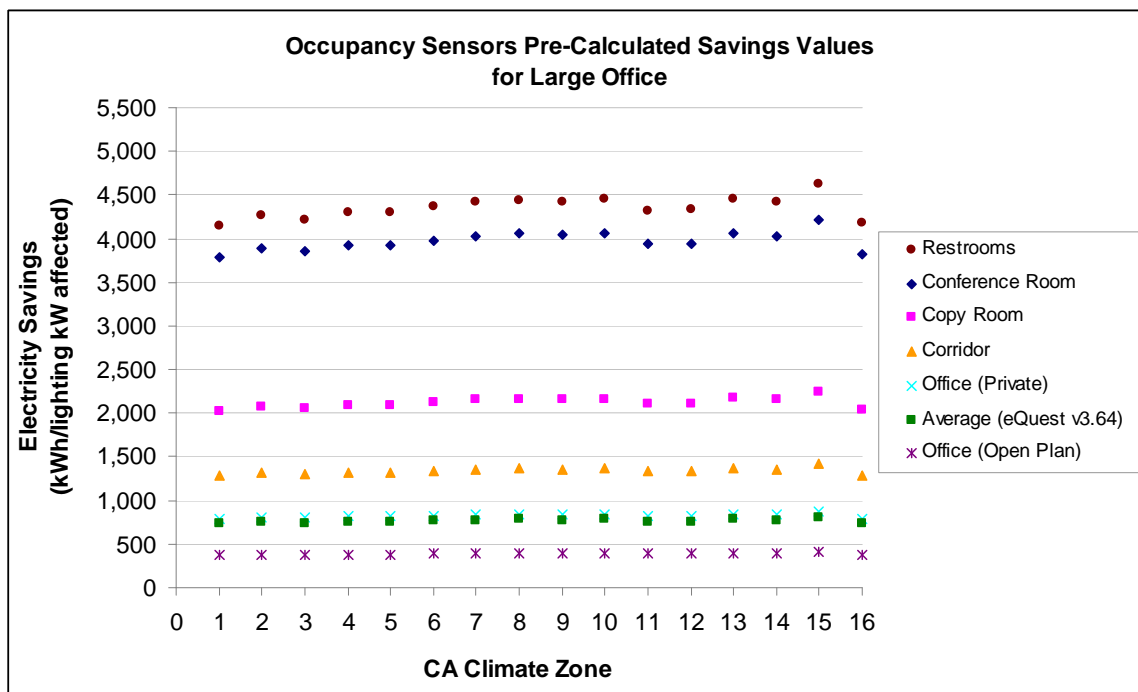


Figure 1: eQuest v3.64 vs DEER 2005 Occupancy Sensor Measure Results for Large Office

On average, the electricity savings using eQuest v3.64 are about 14% less than the DEER 2005 values. We believe this variation to be acceptable, and proceeded with the feasibility analysis. Non-averaged charts are included in Figure 3 on the last page. In these charts, the general trend is the same from vintage to vintage – the eQuest v3.64 savings values are slightly less than the DEER 2005 values.

## Space Type Results

After comparing the overall electricity savings, we developed savings values by space type for the large office building type. The average electricity savings results are shown below, averaged for the four vintages of <1978, 1978-1992, 1993-2001, and 2002-2005.



**Figure 2: Occupancy Sensor Measure Results, by Space Type**

The savings results are consistent with what we'd expect from adding occupancy sensors – spaces that have intermittent occupancies (e.g., restrooms) have the highest savings, since the lights will automatically be turned off more often by the occupancy sensors than more continually occupied spaces (e.g., open plan office space). Non-averaged charts are included in Figure 4 on the last page. In these charts, the general trend is the same from vintage to vintage.

The analysis also showed an increase in gas usage and slight electric demand savings for this measure, which is also as expected.

## Developing Pre-Calculated Savings Values for Other Building Types

The large office building type was chosen for this feasibility analysis since it appears to be the most difficult building type to modify of the four building types related to this measure (Hospital, Hotel, University, and Large Office). Since there appears to be value in separating out the space types due to the variation in savings between the different space types, we recommend using the values already developed for the large office building type and proceeding with developing savings values for the other three building types.

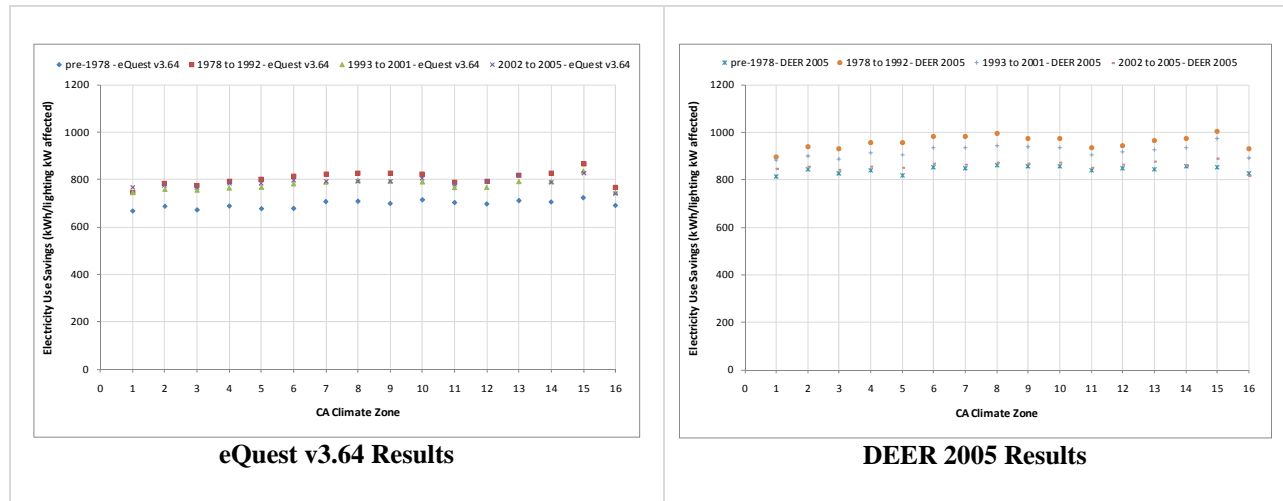


Figure 3: eQuest v3.64 vs DEER 2005 Occupancy Sensor Measure Results

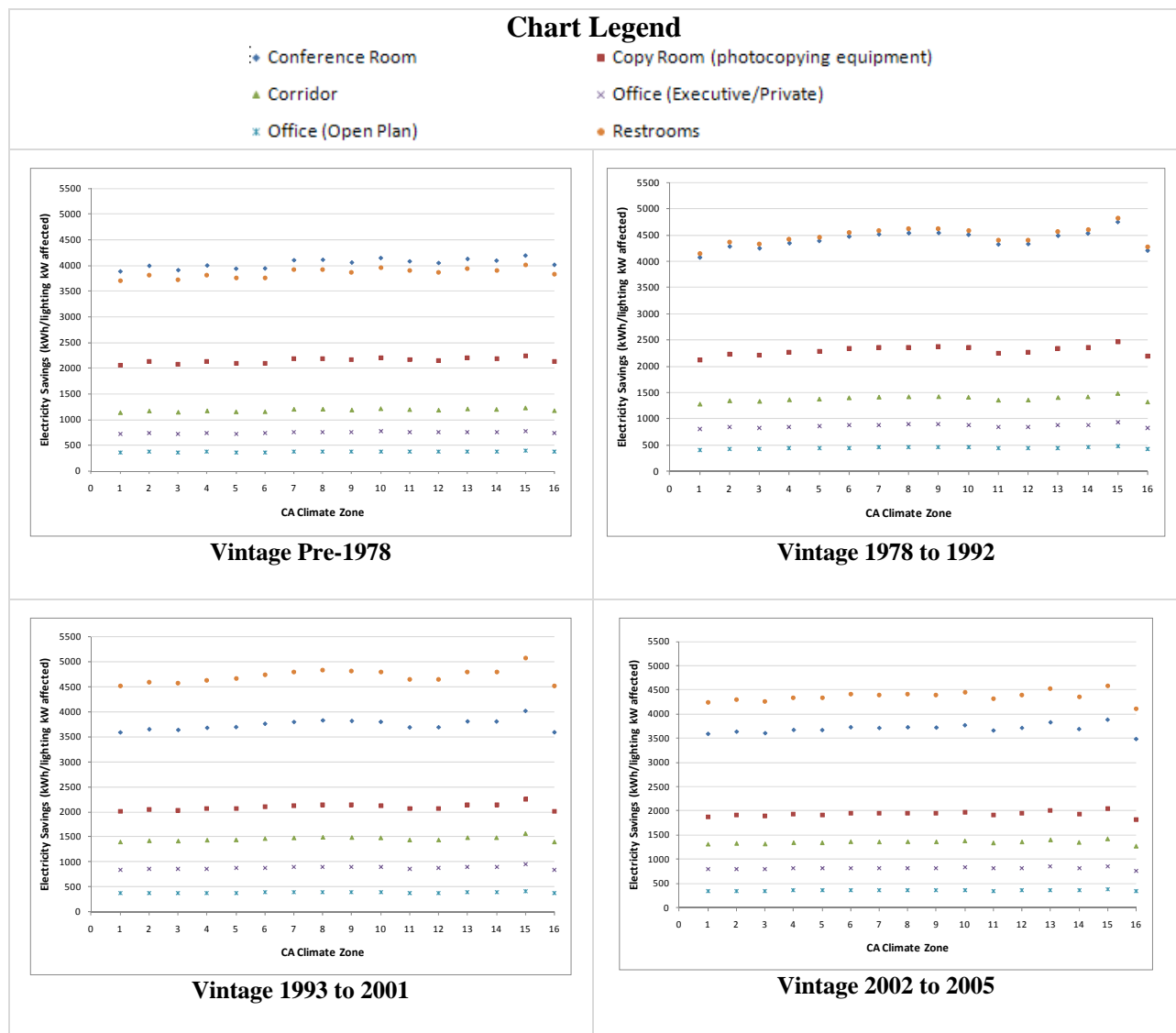


Figure 4: Occupancy Sensor Measure Results by Space Type - Large Office

## Appendix C: BOA Tool User Interface

## C1. BOA Tool Interface: Instructions

## Building Optimization Analysis (BOA) Tool

September 30, 2010



The Building Optimization Analysis (BOA) tool is funded by California utility customers and administered by Pacific Gas and Electric Company, San Diego Gas and Electric, Southern California Edison Company, Southern California Gas Company and the Sacramento Municipal Utility District. This tool is designed for use by engineering service providers employed by energy efficiency programs under the five participating utilities.

The BOA tool allows users to calculate energy and peak demand savings for twelve common controls- and schedule-based commercial building optimization measures. Use of this tool does not constitute a guarantee of savings calculated by this tool. The measures included in this tool relate to the building HVAC and lighting systems, and include:

### HVAC Airside

- Reduce supply fan operating schedule
- Adjust airside economizers
- Adjust zone temperature deadband
- Add supply air temperature setpoint reset strategy
- Reduce supply duct static pressure setpoint
- Add supply duct static pressure setpoint reset strategy
- Add / restore supply fan VFD

### Worksheet Tab Name

SF Schedule  
Economizer  
Zone Temp  
SAT Reset  
DSP Reduction  
DSP Reset  
SF VFD

### HVAC Waterside

- Add / optimize boiler lockout
- Add chilled water supply temperature setpoint reset strategy
- Add condenser water supply temperature setpoint reset strategy
- Add / restore chilled water pump VFD

Boiler LO  
CHWST Reset  
CWST Reset  
CHW pump VFD

### Lighting

- Reduce lighting operating schedule
- Install lighting occupancy sensors

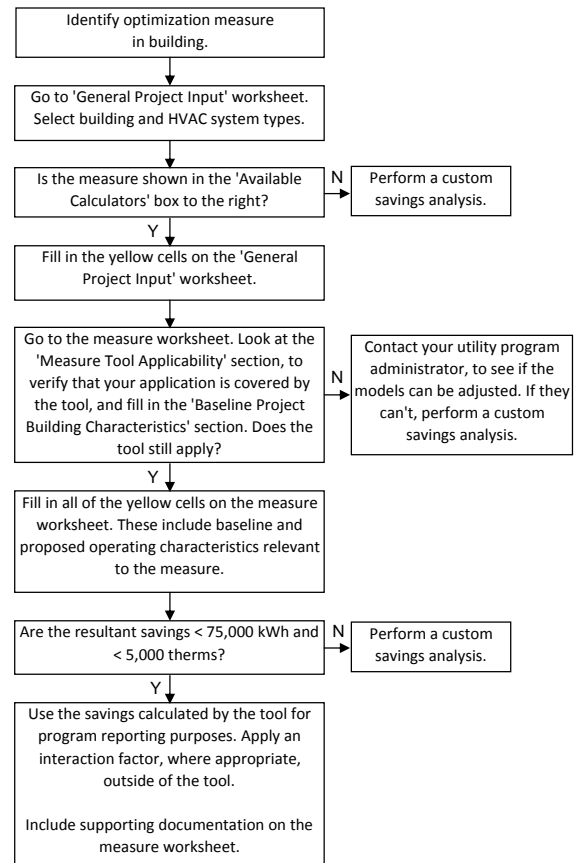
Lighting Schedule  
Lighting Occ Sensor

Generally, this tool is intended for use in calculating savings for building optimization measures with relatively low electric and gas energy savings (< 75,000 kWh and < 5,000 therms). The tool uses a simplified "prescriptive" calculation approach for estimating savings. Larger savings measures may require a more custom analysis. When using this tool for a utility program, check with the utility for tool use / applicability requirements.

## Quick Links

[Inputs](#)  
[Outputs](#)  
[Tool Applicability](#)  
[Multiple Equipment, Measures, and/or Building Types](#)  
[Interactions](#)  
[Demand Savings](#)  
[Project Supporting Documentation](#)  
[Tool Calculation Methodology](#)  
[Abbreviations](#)  
[Questions or Problems?](#)

## BOA Tool Basic Process



To calculate the savings for a particular measure, first input project-specific data into the 'General Project Input' worksheet, then go to the related measure worksheet (see 'Inputs' section below). The resultant savings are shown on the related measure worksheet (see 'Outputs' section below).

The worksheets are protected for increased ease-of-use as well as to ensure the functionality of the tool.

Note that some measures do not support every building type and HVAC system type. To determine which calculators are available, the user should first select their project's building type and HVAC system type on the 'General Project Input' worksheet, then look to the table to the right of those inputs to see which measure calculators are available. Future versions of the tool may support additional building types and HVAC system types.

### Inputs

Input cells are shaded yellow:



In these cells, user input is required. The tool uses these inputs for calculating the savings for a particular measure. Inputs should be as accurate as possible, and reflect the actual conditions of the project building and the measure.

Users should first enter the inputs requested on the 'General Project Input' worksheet. These inputs are global inputs used by all of the individual measure worksheets. E.g., building type, zip code, and year constructed.

After entering project-specific information on the 'General Project Input' worksheet, users can then go to the individual measure worksheets. The measure worksheets have additional prompts for user inputs. These inputs are generally the factors that have the greatest effect on savings related to a particular measure. The measure worksheets can be copied, deleted or renamed as needed to suit the project.

For each measure, users are also encouraged to include a concise yet comprehensive summary of the finding (as-found condition, the issue) and the measure (the recommendation, the fix) on the measure worksheets. Space has been provided for these narratives. Increase the row height of these cells as necessary to show all of the information entered.

[Back to top](#)



## Outputs

Output cells are shaded green:



The calculated savings values for each measure are located on the same measure worksheet as the inputs. The savings are calculated by applying the user inputs to pre-calculated savings numbers. See 'Calculation Methodology' section below for information on how the pre-calculated savings numbers were developed.

## Tool Applicability

The tool is applicable for use with a variety of building types, as indicated on the 'Tool Applicability' tab.

The tool calculates energy and demand savings by applying project-specific inputs to pre-calculated savings numbers that were developed using DOE-2.2 energy simulation software. A specific set of assumptions was used for each measure in developing the pre-calculated savings numbers. These assumptions are based on the DEER baseline models as well as typical baseline and proposed measure conditions. The specific measure conditions (baseline and recommended operating characteristics) are based on measures identified and implemented in past utility retrocommissioning programs.

As these assumptions may or may not match a particular project's conditions, the tool should be used with care. The tool was designed to calculate reasonable savings estimates for common building types and measure characteristics. Users should verify that their measure conditions are reasonably close to the characteristics included in the related measure's worksheet. See the 'Measure Discussion' and 'Measure Tool Applicability' sections on each measure worksheet. If a particular project's conditions vary significantly from the related characteristics outlined in this tool, then the user should contact their program administrator, to see if the program can assist by adjusting the models to suit the particular project conditions. If not, the user may need to perform custom calculations.

The tool is intended for use in calculating savings for building optimization measures with relatively low electric and gas energy savings. The California investor-owned utilities have set the typical maximum allowable per-measure savings level at 75,000 kWh and 5,000 therms for use of the tool. If the tool-calculated savings is greater than either of these, then a custom savings analysis will need to be performed for that measure (e.g., DOE-2, custom spreadsheet calc).

[Back to top](#)

[Back to top](#)

## Multiple Equipment, Measures, and/or Building Types

Wherever possible, multiple pieces of similar equipment, systems or spaces that have similar optimization measure characteristics should be grouped into one measure, for utility program reporting purposes. For example, if five air handlers are found to have their economizer dampers stuck at 60% open and another five have their dampers stuck 40% open, all ten air handlers should be grouped into one economizer measure, for utility program reporting purposes.

However, in this example, the economizer tab in the BOA Tool would need to be used twice for this situation - once for the 60% open air handlers, one for the 40% open air handlers. For instances of multiple pieces of equipment with different operating characteristics, the measure tabs can be copied and renamed as needed.

If the grouped measure savings, calculated using the tool for each piece of equipment and then summed together, is less than 75,000 kWh or 5,000 therms, then the savings calculated by the tool may be used. Otherwise, a custom analysis may need to be performed. Contact your utility program administrator when questions arise related to calculating savings with the BOA Tool for measures affecting multiple pieces of equipment.

For projects that include multiple building types (e.g., office and retail), select the building type that is applicable to the measures being installed. If the measure mix spans multiple building types, use one BOA Tool workbook for each building type as needed.

## Interactions

Users are encouraged to account for measure-to-measure interactions as much as possible by considering the output from schedule- and load-based measures when determining the inputs for the other measures. The **green** worksheet tabs are the schedule- and load-based measures, and the **orange** worksheet tabs are the other measures.

For example, if a particular project had both a supply fan scheduling measure and a supply fan VFD measure, the fan operating hours input for the supply fan VFD measure should be based on the *proposed* operating hours of the supply fan scheduling measure, not the *baseline* hours of the scheduling measure. If the supply fan scheduling measure reduced the fan operating hours from 4,500 hours/year to 4,000 hours/year, then the supply fan VFD measure should use 4,000 hours/year as the input for calculating the savings.

For other measure-to-measure savings interactions, e.g., the interactions between the CHWST reset measure and the economizer measure (these have interactions since increasing the efficiency of the cooling plant will reduce the savings related to optimizing the economizer dampers), users are encouraged to estimate the level of interaction between the measures and apply reasonable factors to the savings estimates outside of this tool to account for the interactions.

[Back to top](#)

[Back to top](#)

## Demand Savings

Note that some measures include estimated savings values for DEER Peak Electric Demand Savings ("DEER" stands for the California Public Utility Commission's Database for Energy Efficient Resources). The DEER Peak Electric Demand Savings calculated by this tool correspond to the estimated building demand reduction during the DEER peak periods, which vary by climate zone and usually correspond to the hottest times of the year.

When calculating annual dollar savings related to demand reduction, use caution when applying utility demand rates to these DEER peak demand savings numbers. For temperature-dependent measures, which includes most of the measures covered by the BOA Tool, the *monthly* demand reduction will likely vary from the DEER *peak* demand savings. In these instances, the user is encouraged to estimate the monthly demand reduction outside of this tool, and then apply the utility demand rates to determine annual demand dollar savings. Using the DEER peak demand savings to calculate annual demand dollar savings will likely underestimate the annual demand-related \$ savings for most measures (the economizer measure is a notable exception).

## Project Supporting Documentation

Users are encouraged to include baseline and post-implementation data in the areas provided on the measure worksheets. This documentation could consist of trend data, BAS screenshots, photos, functional test results, or other supporting documentation. It will be used in the utility review process, so please provide documentation that satisfies the utility program's guidelines for baseline and post-implementation documentation.

## Tool Calculation Methodology

The estimated savings values for each measure are calculated by applying the user inputs to pre-calculated savings numbers for kWh, kW, and therms, where applicable. The pre-calculated numbers were obtained by performing parametric whole building energy simulation runs using DOE-2.2.

The measure-specific inputs were determined by performing a factor sensitivity analysis for each measure. These inputs were then adjusted in the energy simulation models to obtain the pre-calculated savings numbers. These savings numbers are then normalized to better suit project conditions. E.g., the pre-calculated electric usage savings for the economizer measure is in units of kWh per ton of air handler cooling capacity, not just kWh.

The baseline building models used in the energy simulation are based on those used by the DEER. Model building characteristics of these building types are included on the 'Building Types' worksheet.

For more information on the calculation methodology, refer to the 3/30/10 report "Development of Pre-Calculated Savings for Southern California Edison's 2006-2008 Retrocommissioning Program", available at [www.calmac.org](http://www.calmac.org).

[Back to top](#)

[Back to top](#)

[Back to top](#)

Abbreviations

AHU	Air handling unit
BUR	Built up roof
CA	California
CAV	Constant air volume
CHW	Chilled water
CHWST	Chilled water supply temperature
CMU	Concrete masonry unit
CPUC	California Public Utilities Commission
CWST	Condenser water supply temperature
DEER	CPUC's Database for Energy Efficient Resources
DSP	Duct static pressure
DX	Direct expansion (refrigerant)
EPS	Expanded polystyrene insulation
EUI	Energy Use Index
HP	Horsepower
HW	Hot water
IGV	Inlet guide vanes
LO	Lockout
OAT	Outside air temperature
PTAC	Packaged terminal air conditioning units
RTU	Packaged rooftop unit
SAT	Supply air temperature
SF	Supply Fan
VAV	Variable air volume
VFD	Variable frequency drive

Questions or Problems?

Please email [boatool@peci.org](mailto:boatool@peci.org)

[Back to top](#)

[Back to top](#)

## C2. BOA Tool Interface: Tool Applicability

BOA Tool Applicability							
Measure	Measure Worksheet Name (click to go to worksheet)						
		Education - Secondary School	Education - University	Hospital	Hotel	Office	Multi Story Retail
<i>HVAC Airside</i>							
Reduce supply fan operating schedule	<a href="#">SF Schedule</a>	X	X		X	X	X
Adjust airside economizers <sup>1</sup>	<a href="#">Economizer</a>	X <sup>1</sup>		X	X <sup>1</sup>	X	X
Adjust zone temperature deadband	<a href="#">Zone Temp Deadband</a>		X	X	X	X	X
Add supply air temperature setpoint reset strategy	<a href="#">SAT Reset</a>		X	X	X	X	X
Reduce supply duct static pressure setpoint	<a href="#">DSP Reduction</a>	X		X	X	X	X
Add supply duct static pressure setpoint reset strategy	<a href="#">DSP Reset</a>	X		X	X	X	X
Add / restore supply fan VFD	<a href="#">SF VFD</a>	X		X	X	X	X
<i>HVAC Waterside</i>							
Add / optimize boiler lockout	<a href="#">Boiler LO</a>	X		X	X	X	X
Add chilled water supply temperature setpoint reset	<a href="#">CHWST Reset</a>		X	X	X	X	X
Add condenser water supply temperature setpoint reset strategy	<a href="#">CWST Reset</a>	X		X	X	X	X
Add / restore chilled water pump VFD	<a href="#">CHW pump VFD</a>	X		X	X	X	X
<i>Lighting</i>							
Reduce lighting operating schedule	<a href="#">Lighting Schedule</a>		X	X	X	X	X
Add lighting occupancy sensors	<a href="#">Lighting Occupancy Sensor</a>		X	X	X	X	

An 'X' indicates that the BOA Tool is applicable for that measure and building type combination.

See the 'Building Types' tab for specific characteristics related to each of the building types.

Note that for some measures, the tool is not applicable for all HVAC system types. Refer to the 'General Project Input' worksheet and the specific measure worksheets

<sup>1</sup> - With Education and Hotel building types for the Economizer measure, contact your utility program administrator.

### C3. BOA Tool Interface: General Project Input





#### C4. BOA Tool Interface: Reduce Supply Fan Operating Schedule

## Supply Fan Schedule

### Measure Discussion

The "Supply Fan Schedule" measure relates to reducing the number of air handler operating hours to better match the building operating schedule.

Applicable Baseline Conditions

- The air handler is operating for more hours than needed.

Applicable Measures

- Reduce the number of air handler operating hours.

### Measure Tool Applicability

The tool applies to various types of air handling systems, depending on the building type. Following are the building types and related air handling systems supported by the tool:

- Education - Secondary School: DX (packaged) unit CAV, chilled water VAV
- Education - University: Chilled water VAV
- Hotel: Chilled water VAV, DX (packaged) unit VAV, DX (packaged) unit CAV. Tool does not apply to guest rooms.
- Office: Chilled water VAV, chilled water CAV, DX (packaged) unit VAV, DX (packaged) unit CAV
- Multi Story Retail: Chilled water VAV, DX (packaged) unit VAV, DX (packaged) unit CAV

Note that for some building types, there are additional HVAC system options beyond those indicated on the 'Building Types' worksheet.

The tool applies to draw-through chilled water VAV systems, blow-through DX (packaged) VAV systems, and blow-through CAV systems (chilled water and DX). For VAV systems, the tool applies to systems that use a VFD to modulate fan speed to vary airflow. The tool does not apply to other arrangements.

The tool applies to reductions in operating hours up to the following values:

- 3,872 hours / year for retail
- 5,328 hours / year for office
- 2,208 hours / year for hotels
- 3,256 hours / year for education

For chilled water systems, the tool applies to systems that use a water-cooled chiller system with constant speed chillers and chilled water pumps. For VAV systems, the tool applies to gas-fired 80% efficient heating water boilers with constant speed pumps. For DX (packaged) systems, the tool applies to gas-fired 80% efficient packaged equipment.

## Savings Calculator: Supply Fan Schedule

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

For CHW systems, water-cooled or air-cooled?	
For VAV systems, electric or gas heat?	
For VAV systems, method of fan speed control	
Draw-through or blow-through cooling coils?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations. If baseline project building characteristics do not match tool applicability, contact your utility program</i>	

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
HVAC Type	
Fan Motor HP Affected by Measure	
Number of Annual Fan Operating Hours Reduced	

### Savings Outputs

<b>Annual Electric Savings</b>		kWh/yr		% of Annual Use
<b>Annual Natural Gas Savings</b>		Therms/yr		% of Annual Use

*Warnings and Errors:*

## C5. BOA Tool Interface: Reduce Lighting Operating Schedule

## Lighting Schedule

### Measure Discussion

The "Lighting Schedule" measure relates to reducing the number of lighting operating hours to better match the building operating schedule.

Applicable Baseline Conditions

- The lighting is on for more hours than needed.

Applicable Measures

- Reduce the number of lighting operating hours.

### Measure Tool Applicability

This measure applies to all types of typical HVAC systems with natural gas heating, since the lighting savings related to reduced lighting operation is typically much greater than the related HVAC electric energy savings or natural gas penalty.

It does not apply to the following space types:

- Lobby / corridor in hotel and university
- Guest rooms in hotel and university
- Clinical (medical) spaces in hospital.

Note that the tool assumes a reduction in lighting across a blend of conditioned space types found in the various building types. For lighting schedule reduction in unconditioned spaces, the calculation is relatively easy and can be performed outside of the tool.

The tool applies to reductions in annual lighting operating hours from zero hours to 8,760 hours. However, if the annual reduction is greater than 6,212 hours (5,304 for the office), the savings at 6,212 hours (5,304 for the office) reduction is used.

The tool can be used for a range of connected lighting power densities, from 0 W/sf to 2.5 W/sf.

Users should use the tool with care when the lighting reduction will vary by season. The tool assumes that the lighting reduction will happen throughout the year, not just during specific seasons. E.g., if the lighting schedule reduction occurs only during the wintertime, consider performing custom calculations instead of using the BOA Tool since the type and level of HVAC system interaction will be different than that assumed by the tool.

Since the reduction in lighting operation is assumed to take place during off-hours, the DEER peak electric demand savings is assumed to be zero. However, if lighting reduction will occur between 2 pm and 5 pm on weekdays, tool users are encouraged to calculate the DEER peak electric demand savings outside of this tool. Also, for calculating the annual \$ savings related to monthly demand reduction, users are encouraged to calculate this value outside of this tool as well.

## Savings Calculator: Lighting Schedule

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

Space type affected	
Connected lighting power density affected, W/sf	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Number of Annual Lighting Operating Hours Reduced	
Connected Lighting Power Affected, kW	

### Savings Outputs

<b>Annual Electric Savings</b>		kWh/yr		% of Annual Use
<b>Annual Natural Gas Savings</b>		Therms/yr		% of Annual Use

*Warnings and Errors:*

[Link to measure supporting documentation](#)

## C6. BOA Tool Interface: Add / Optimize Lighting Occupancy Sensors

## Lighting Occupancy Sensor

### Measure Discussion

The "Lighting Occupancy Sensor" measure relates to reducing the number of lighting operating hours to reflect light use only when the space is occupied.

Applicable Baseline Conditions

- The lighting is controlled directly by users or a time clock.

Applicable Measures

- Install occupancy sensors.

### Measure Tool Applicability

This measure applies to all types of typical HVAC systems with natural gas heating, since the lighting savings related to reduced lighting operation is typically much greater than the related HVAC electric energy savings or natural gas penalty.

The tool does not apply to unconditioned spaces. It applies to the following space types:

Office:

- Office (Open Plan)
- Office (Executive/Private)
- Corridor
- Conference Room
- Copy Room (photocopying equipment)
- Restrooms

Hospital:

- Laboratory, Medical
- Office (General)

Hotel:

- Office (General)
- Corridor
- Guest Room

University:

- Classroom / Lecture
- Office (General)
- Computer (Instruc/PC Lab)

For lighting schedule reduction in unconditioned spaces, the calculation is relatively easy and can be performed outside of the tool.

The tool can be used for a range of connected lighting power densities, from 0 W/sf to 2.5 W/sf.



## Savings Calculator: Lighting Occupancy Sensor

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

Space type affected	
Connected lighting power density affected, W/sf	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Space Type Affected	
Connected Lighting Power Affected, kW	

### Savings Outputs

<b>Annual Electric Savings</b>		kWh/yr		% of Annual Use
<b>DEER Peak Electric Demand Savings</b>		kW		
<b>Annual Natural Gas Savings</b>		Therms/yr		% of Annual Use

*Warnings and Errors:*

## C7. BOA Tool Interface: Adjust Airside Economizers

## Airside Economizer

### Measure Discussion

The "Economizer" measure relates to either raising the dry bulb lockout temperature of an integrated airside economizer system, or restoring proper operation of the outside and return air dampers from a fixed position. Integrated airside economizer systems allow for 100% outside air when the outside air temperature is between the supply air temperature and the return air temperature, even when mechanical cooling is called for.

#### Applicable Baseline Conditions

- Economizer damper lockout temperature is 55F, 60F, or 65F.
- Dampers are stuck in a fixed position that is drawing in either 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, or 100% outside air.

#### Applicable Measures

- The economizer damper lockout temperature is raised to at least 70F.
- Proper modulating operation of the outside air and return air dampers is restored.

### Measure Tool Applicability

The tool applies to VAV systems in Hospital, Office, and Retail building types:

- VAV air handlers with chilled water cooling coils and airside economizer sections serving the occupied spaces, with typical minimum ventilation rates.
- Natural gas-fired 80% efficient heating water boilers
- Chilled water systems with constant speed chillers and constant speed chilled water pumps. No chilled water supply temperature reset for buildings older than 1999, load-based reset for buildings built more recently than 2000.
- Heating water systems with no heating water supply temperature reset for buildings older than 1999, load-based reset for buildings built more recently than 2000.
- Water-cooled chillers. Cooling towers with either single speed, two speed, or VFD-controlled fans. Fixed condenser water temperature setpoints.

For Education and Hotel building types, contact your utility program administrator.

## Savings Calculator: Airside Economizer

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
VAV or CAV air handlers?	
Water-cooled or air-cooled chillers?	
CHWST reset?	
HWST reset?	
Fixed or variable CWST setpoints?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Baseline Lockout Temp or % Outside Air	
Air Handler Cooling Capacity (tons)	

Savings Outputs			
<b>Annual Electric Savings</b>		kWh/yr	% of Annual Use
<b>DEER Peak Electric Demand Savings</b>		kW	
<b>Annual Natural Gas Savings</b>		Therms/yr	% of Annual Use

*Warnings and Errors:*

## C8. BOA Tool Interface: Add / Optimize Boiler Lockout

## Boiler Lockout

### Measure Discussion

The "Boiler Lockout" measure relates to adding, optimizing or restoring an outside air temperature-based lockout of the boilers and heating water pumps serving a VAV air handling system.

#### Applicable Baseline Conditions

- The boilers and heating water pumps operate continuously during scheduled operating hours, regardless of outside air temperature (OAT).
- The boilers and heating water pumps operate with an OAT lockout of approximately 85F during scheduled operating hours.

#### Applicable Measures

- Implement a OAT-based lockout (approximately 70F lockout temperature) of the boilers and heating water pumps during scheduled operating hours.

### Measure Tool Applicability

The tool applies to gas-fired heating water systems with 80% boiler efficiency and constant speed heating water pumps serving air handlers with heating water coils.

The tool applies to heating water system scheduled operating hours close to the following:

- Office: M-Sat 5a-6p, off on Sundays and holidays
- Hotel and Hospital: Continuous (24 / 7 / 365)
- Retail: M-F 8a-10p, Sa-Su 8a-8p, holidays 8a-8p
- Education - Secondary School: M-F 6a-7p weekdays, Sa 6a-5p, off on Sundays and holidays. School sessions are Mon 1/7 through Fri 4/5, Mon 4/15 through Fri 6/14, Mon 8/19 through Fri 12/13.

## Savings Calculator: Boiler Lockout

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Baseline Project Building Characteristics

Boiler efficiency	
Heating water pump speed control	
Heating water system scheduled operating hours	

*These inputs are for use in determining tool applicability, and do not impact the savings calculations.*

*If baseline project building characteristics do not match tool applicability, contact your utility program administrator.*

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Baseline Lockout Temperature (F)	
Conditioned Area Served (ft²)	

### Savings Outputs

Annual Electric Savings		kWh/yr		% of Annual Use
Annual Natural Gas Savings		Therms/yr		% of Annual Use

Warnings and Errors:

## C9. BOA Tool Interface: Adjust Zone Temperature Deadband



## Zone Temperature Deadband

### Measure Discussion

The "Zone Temperature Deadband" measure relates to widening the zone temperature deadband, which is defined as the difference between the heating and cooling setpoints. Widening the deadband can save energy through reduced simultaneous heating and cooling, higher cooling setpoints, and lower heating setpoints.

Applicable Baseline Conditions

- Zone temperature deadband is between zero and twelve degrees F.

Applicable Measures

- Zone temperature deadband is increased, up to a maximum fifteen degrees F.

Note that this measure may affect occupant comfort, as it will change the temperatures in the space. Before proposing this measure, verify that the Owner's current facility requirements will still be met with a wider deadband.

### Measure Tool Applicability

The tool applies to:

- VAV air handlers with: chilled water cooling coils and airside economizer sections serving single duct VAV systems with hot water reheat; average minimum VAV box airflow setpoints ranging from 20% to 40% maximum cooling airflow; SATs ranging from 53F to 60F, with or without SAT reset; fan control through discharge dampers, IGVs, or VFDs. The tool also covers small CV air handlers serving other spaces (e.g., university labs, kitchens, hotel bar).
- Chilled water systems with air- or water-cooled chillers. Chillers of any typical efficiency with or without VFDs, and systems with or without chilled and condenser water supply temperature setpoint reset.
- Heating water systems with gas-fired heating water boilers, with or without heating water supply temperature reset.

The tool does not apply to guest rooms in the Hotel and University building types. It also does not apply to surgical or medical zones in the Hospital building type.

## Savings Calculator: Zone Temperature Deadband

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
VAV or CAV air handlers?	
Space type affected	
Airside economizers on AHs?	
Average minimum VAV box airflow setpoint (% of max)	
DX or chilled water cooling?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.            If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Floor area affected by measure (sf)	
Annual Air Handler Operating Hours	
Boiler Efficiency	
Average VAV Box Minimum Flow Setpoint	
Average Space Temperature Setpoint (F)	
Baseline Deadband (F)	
Proposed Deadband (F)	

Savings Outputs			
<b>Annual Electric Savings</b>		kWh/yr	% of Annual Use
<b>DEER Peak Electric Demand Savings</b>		kW	
<b>Annual Natural Gas Savings</b>		Therms/yr	% of Annual Use

*Warnings and Errors:*

## C10. BOA Tool Interface: Add Supply Air Temperature Setpoint Reset Strategy

## Supply Air Temperature Reset

### Measure Discussion

The "SAT Reset" measure relates to adding a supply air temperature setpoint reset strategy to a VAV system. Resetting the supply air upwards during periods of low load helps reduce the amount of simultaneous heating and cooling inherent in single duct VAV systems that use VAV boxes with minimum flow setpoints greater than zero. Flow setpoints are typically greater than zero to deliver minimum ventilation air to the occupied spaces.

Applicable Baseline Conditions

- Supply air temperature setpoint is constant.

Applicable Measures

- The supply air temperature setpoint is reset based on OAT or based on demand. The lowest SAT setpoint in the reset schedule is the same as the baseline SAT.

### Measure Tool Applicability

The tool applies to:

- VAV air handlers with chilled water cooling coils, airside economizer sections, and VFD-controlled supply fans serving single duct VAV systems with hot water reheat. Average minimum VAV box airflow setpoints ranging from 20% to 40% maximum cooling airflow.
- Chilled water systems with air-cooled or water-cooled chillers. Chillers of any typical efficiency with or without VFDs, and systems with or without chilled and condenser water supply temperature setpoint reset.
- Heating water systems with gas-fired heating water boilers. Boilers of any typical efficiency, with or without heating water supply temperature reset.

## Savings Calculator: Supply Air Temperature Reset

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

VAV or CAV air handlers?	
Airside economizers on AHs?	
Average minimum VAV box airflow setpoint (% of max)	
DX or chilled water cooling?	

*These inputs are for use in determining tool applicability, and do not impact the savings calculations.*

*If baseline project building characteristics do not match tool applicability, contact your utility program administrator.*

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Area served by air handler (sf)	
AH Annual Operating Hours	
Baseline SAT (F)	
Proposed Reset Type	
Proposed Degrees of Reset (F)	

### Savings Outputs

<b>Annual Electric Savings</b>		kWh/yr		% of Annual Use
<b>DEER Peak Electric Demand Savings</b>		kW		
<b>Annual Natural Gas Savings</b>		Therms/yr		% of Annual Use

*Warnings and Errors:*

## C11. BOA Tool Interface: Reduce Supply Duct Static Pressure Setpoint

## Duct Static Pressure Setpoint Reduction

### Measure Discussion

The "Duct Static Pressure Setpoint Reduction" (DSP Reduction) measure relates to reducing a constant supply duct static pressure setpoint for a VAV air handling system.

Applicable Baseline Conditions

- The system is operating to maintain a high constant duct static pressure setpoint.

Applicable Measures

- The duct static pressure setpoint is lowered between 0.1" and 1.0".

### Measure Tool Applicability

The tool applies to:

- Single duct VAV air handling systems with VFD-controlled supply fan motors.
- Fan operating hours that are close to the following:
  - 4,888 hours / year for retail
  - 3,432 hours / year for office
  - 8,760 hours / year for hotels and hospitals
  - 2,911 hours / year for secondary schools

## Savings Calculator: Duct Static Pressure Setpoint Reduction

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

VAV or CAV air handlers?	
Supply fan motor control	
Actual fan annual operating hours	

*These inputs are for use in determining tool applicability, and do not impact the savings calculations.*

*If baseline project building characteristics do not match tool applicability, contact your utility program administrator.*

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Affected Fan Motor HP	
Proposed Setpoint Reduction	

### Savings Outputs

Annual Electric Savings	kWh/yr		% of Annual Use
DEER Peak Electric Demand Savings	kW		

Warnings and Errors:



## C12. BOA Tool Interface: Reset Supply Duct Static Pressure Setpoint

## Duct Static Pressure Setpoint Reset

### Measure Discussion

The "Duct Static Pressure Setpoint Reset" (DSP Reset) measure relates to adding or restoring a supply duct static pressure setpoint reset strategy to a VAV air handling system.

Applicable Baseline Conditions

- The system is operating to maintain a constant duct static pressure setpoint.

Applicable Measures

- A duct static pressure setpoint reset strategy is implemented, with the reset based on either outside air temperature, VAV box damper position polling, or space temperature offset polling. The minimum reset duct static pressure setpoint is either 0.5", 0.75", or 1.0".

### Measure Tool Applicability

The tool applies to:

- Single duct VAV air handling systems with VFD-controlled supply fan motors.
- Fan operating hours that are close to the following:
  - 4,888 hours / year for multi story retail
  - 3,432 hours / year for large office
  - 8,760 hours / year for hotels and hospitals
  - 2,911 hours / year for secondary schools

## Savings Calculator: Duct Static Pressure Setpoint Reset

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
VAV or CAV air handlers?	
Supply fan motor control	
Actual fan annual operating hours	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Affected Fan Motor HP	
Proposed Minimum Reset Setpoint (in. H2O)	

Savings Outputs			
Annual Electric Savings		kWh/yr	% of Annual Use
DEER Peak Electric Demand Savings		kW	

Warnings and Errors:

### C13. BOA Tool Interface: Add / Restore Supply Fan VFD

## Supply Fan VFD

### Measure Discussion

The "Supply Fan Variable Frequency Drive" (VFD) measure relates to adding a VFD to an existing constant speed supply fan, or restoring operation of an existing supply fan VFD.

#### Applicable Baseline Conditions

- Supply fan operates at constant speed with malfunctioned inlet guide vanes that are fixed or stuck open in either the 80%, 90%, or 100% position.
- Supply fan VFD is operating in bypass mode, or continually at 100% speed.

#### Applicable Measures

- The IGVs are removed, and a VFD is added to control the supply fan speed to maintain a fixed duct static pressure setpoint.
- Control of the existing supply fan VFD is restored. The supply fan speed varies to maintain a fixed duct static pressure setpoint.

### Measure Tool Applicability

The tool applies to supply fans that serve single duct VAV boxes.

## Savings Calculator: Supply Fan VFD

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
Air distribution system	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Baseline IGW Position	
Affected Fan Motor HP	
Annual Fan Operating Hours	

Savings Outputs			
Annual Electric Savings		kWh/yr	
DEER Peak Electric Demand Savings		kW	

*Warnings and Errors:*

**C14. BOA Tool Interface: Add Chilled Water Supply Temperature Setpoint Reset Strategy**

## Chilled Water Supply Temperature Reset

### Measure Discussion

The "Chilled Water Supply Temperature Reset" (CHWST Reset) measure relates to adding or restoring a chilled water supply temperature setpoint reset strategy to a water-cooled chilled water system. Since chiller efficiency increases with increasing chilled water supply temperature, overall chilled water system efficiency can be increased by implementing this measure.

#### Applicable Baseline Conditions

- The system is operating with a constant chilled water supply temperature setpoint between 41F and 47F.

#### Applicable Measures

- Implement a CHWST setpoint reset strategy. Reset off of load or outside air dry bulb temperature. The lowest CHWST setpoint in the reset schedule is the same as the baseline CHWST.

### Measure Tool Applicability

The tool applies to:

- Chilled water systems with: constant speed or VFD-controlled chiller compressors of any typical efficiency; constant speed, two-speed, or VFD-controlled cooling tower fan(s); constant speed or VFD-controlled chilled water and condenser water pumps; constant or variable temperature condenser water supply between 70F and 90F.
- Chilled water systems that serve air handlers with chilled water cooling coils and airside economizer sections (70F lockout temperature) serving the occupied spaces, with or without SAT reset.

Note that for this measure, the tool does not apply to air-cooled chilled water systems. It only applies to water-cooled systems.



## Savings Calculator: Chilled Water Supply Temperature Reset

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
Baseline CHWST setpoint	
Airside economizers on air handlers?	
Water-cooled or air-cooled chillers?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.            If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Floor area served by chiller (sf)	
Chiller Annual Operating Hours	
VFD on primary chiller compressor?	
SAT reset	
Proposed CHWST reset type	
Proposed CHWST reset range (F)	

Savings Outputs			
<b>Annual Electric Savings</b>	kWh/yr		% of Annual Use
<b>DEER Peak Electric Demand Savings</b>	kW		

*Warnings and Errors:*

**C15. BOA Tool Interface: Add Condenser Water Supply Temperature Setpoint Reset Strategy**

## Condenser Water Supply Temperature Reset

### Measure Discussion

The "Condenser Water Supply Temperature Reset" (CWST Reset) measure relates to adding or restoring a condenser water supply temperature setpoint reset strategy to a water-cooled chilled water system.

#### Applicable Baseline Conditions

- The system is operating with single speed cooling tower fan(s), with a constant condenser water supply temperature setpoint of 80F, 85F, or 90F.
- The system is operating with variable frequency drive (VFD) controlled cooling tower fan(s), with a constant condenser water supply temperature setpoint of 80F, 85F, or 90F.

#### Applicable Measures

- For systems using single speed cooling tower fan(s) in the basecase, add VFD(s) to control the tower fan(s) and implement a CWST setpoint reset strategy. Reset off of load or wet bulb temperature, with a minimum setpoint of either 70F or 75F.
- For systems using VFD-controlled cooling tower fan(s) in the basecase, implement a CWST setpoint reset strategy. Reset off of load or wet bulb temperature, with a minimum setpoint of either 70F or 75F.

### Measure Tool Applicability

The tool applies to:

- Chilled water systems with constant speed chillers and constant speed condenser water pumps.
- Chilled water systems with no chilled water supply temperature reset for buildings older than 1999, load-based reset for buildings built more recently than 2000.
- Open cooling towers with centrifugal fans.

## Savings Calculator: Condenser Water Supply Temperature Reset

Project Information	
Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

Finding & Measure Descriptions	
Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

Baseline Project Building Characteristics	
Variable or constant speed chillers?	
Variable or constant speed condenser water pumps?	
CHWST reset?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

Inputs	
Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Baseline Cooling Tower Fan Speed	
Operating Chiller Cooling Capacity (tons)	
Baseline Condenser Water Temp (F)	
Proposed Condenser Water Minimum Temp (F)	

Savings Outputs			
Annual Electric Savings		kWh/yr	% of Annual Use
DEER Peak Electric Demand Savings		kW	

*Warnings and Errors:*

## C16. BOA Tool Interface: Add / Restore Chilled Water Pump VFD

## Chilled Water Pump VFD

### Measure Discussion

The "Chilled Water Pump Variable Frequency Drive" (VFD) measure relates to adding a VFD to a constant speed chilled water pump, or restoring operation of an existing VFD.

Applicable Baseline Conditions

- Chilled water pump operates at a constant speed, and does not have a VFD.
- Chilled water pump is operating at constant speed due to either a faulty VFD or a sub-optimal control sequence.

The chilled water control valves at the air handlers are either two-way or three-way control valves.

Applicable Measures

- A VFD is added to control the chilled water pump speed. If the control valves are three-way valves in the baseline condition, they are converted to two-way valves.
- Proper VFD control is restored. If the control valves are three-way valves in the baseline condition, they are converted to two-way valves.

### Measure Tool Applicability

The tool applies to chilled water pumps that serve air handlers with chilled water cooling coils and airside economizer sections (70F lockout temperature) serving the occupied spaces.

For buildings older than 1999, the tool applies to chilled water systems with no chilled water supply temperature reset. For buildings built more recently than 2000, the tool applies to chilled water systems with load-based chilled water supply temperature reset.

## Savings Calculator: Chilled Water Pump VFD

### Project Information

Facility Name	(facility name)
Facility Address	(facility address)
Utility Account Number	(utility account number)
Provider Name	(provider name)
Provider Company	(provider company)
Address	(provider address)
email	(provider email)
Telephone number	(provider phone)
Date	(date)

### Finding & Measure Descriptions

Finding / Measure Number	(user to enter finding / measure number)
Finding Description	(user to enter finding description)
Measure Description	(user to enter measure description)

### Baseline Project Building Characteristics

Airside economizers on air handlers?	
CHWST reset?	
<i>These inputs are for use in determining tool applicability, and do not impact the savings calculations.</i> <i>If baseline project building characteristics do not match tool applicability, contact your utility program administrator.</i>	

### Inputs

Building Type	(Select from drop-down list)
CA Climate Zone	(Auto populates based on zip code)
Year Building Constructed	(year constructed)
Baseline Cooling Coil Valve Control	
Affected operating CHW Pump Motor Size (HP)	
Affected CHW Pump Annual Operating Hours	

### Savings Outputs

Annual Electric Savings		kWh/yr		% of Annual Use
DEER Peak Electric Demand Savings		kW		

*Warnings and Errors:*

## C17. BOA Tool Interface: Building Types



## Base building model characteristics used in DOE-2.2 simulations, for reference.

Building Type	Floor Area (ft <sup>2</sup> )	Number of floors	Number of Buildings	Occupancy Schedule	Occupancy Notes	Exterior Wall Construction	Roof Construction	HVAC Type <sup>3</sup>
Education - Secondary School	150,000	2	5	M-F 7a-6p, Sat 7a-4p	Not occupied Dec 16-Jan 5, April 6-12, June 15-Aug 19	Brick on CMU	BUR, EPS, wood deck	Roof top units with gas furnaces and DX cooling, CAV.  <1978: no economizers >1978: airside economizers
Education - University	1,000,000	4	6	M-F 7a-6p, Sat 7a-4p	Not occupied Dec 16-Jan 15, 40% occupied May 21-Aug 21	Metal frame, batt insulation	BUR, EPS, metal deck	Built-up air handlers with water-cooled chillers, gas-fired HW boilers.  <1978: Single duct VAV (discharge dampers / ride fan curve), airside economizers <sup>2</sup> 1978-2001: Single duct VAV (IGVs) with HW reheat, airside economizers <sup>2</sup> >2001: Single duct VAV (VFDs) with HW reheat, airside economizers <sup>2</sup>
Hospital	250,000	3	1	24x7	year-round	Brick on CMU	BUR, EPS, concrete deck	Hosp services: Built-up air handlers with water-cooled chillers, gas-fired HW boilers.  Patient areas: Four pipe fan coil system with water-cooled chillers, gas-fired HW boilers.  <1978 and 1978 - 2001: Single duct VAV (discharge dampers), airside economizers <sup>2</sup> 2001 - 2005: Single duct VAV (IGVs) with HW reheat, airside economizers <sup>2</sup> >2005: Single duct VAV (VFDs) with HW reheat, airside economizers <sup>2</sup>
Hotel <sup>1</sup>	180,800 / 19,200	11 / 1	1 / 1	24x7	year-round	Stucco on wood frame / spandrel curtain	BUR, EPS, wood deck / BUR, EPS, concrete deck	Guest rooms: <2001: Four pipe fan coil system with water cooled chillers, gas-fired HW boilers. >2001: PTACs.  Lobby (all vintages): Built-up air handlers with water-cooled chillers, gas-fired HW boilers.  <1978 and 1978 - 2001: Single duct VAV (discharge dampers), airside economizers <sup>2</sup> 2001 - 2005: Single duct VAV (IGVs) with HW reheat, airside economizers <sup>2</sup> >2005: Single duct VAV (VFDs) with HW reheat, airside economizers <sup>2</sup>

Building Types tab

<b>Office</b>	175,000	10	1	M-F 8a-5p, 30% Sat	year-round	Spandrel curtain	BUR, EPS insulation, concrete deck	Built-up air handlers with water-cooled chillers, gas-fired HW boilers  <1978: Single duct VAV (discharge dampers / ride fan curve), airside economizers. 1978-2001: Single duct VAV (IGVs) with HW reheat, airside economizers >2001: Single duct VAV (VFDs) with HW reheat, airside economizers
<b>Multi Story Retail</b>	120,000	3	1	M-F 9a-9p, WE 9a-7p	year-round	Brick on CMU	BUR, EPS, concrete deck	Built up air handlers with water cooled chillers, gas-fired HW boilers  <1978: CAV, no economizers. 1978-2001: Single duct VAV (IGVs) with HW reheat, airside economizers >2001: Single duct VAV (VFDs) with HW reheat, airside economizers

<sup>1</sup> When the lobby is distinctly different than guest rooms, both are presented. The format is guest room / lobby.

<sup>2</sup> "Single duct CV with HW reheat and airside economizer" system types are applicable to certain measures. Read the "Tool Applicability" section of each measure before use.

<sup>3</sup> For the Zone Temp Deadband measure, the HVAC systems for some of the older vintages were changed for CAV to VAV, and modeled at VAV box minimum flows from 20% to 40%.

## Appendix D: Pre-Calculated Savings Values

**D1. Pre-Calculated Savings Values: Add Supply Air Temperature Setpoint Reset Strategy**

## SAT Reset db

### Pre-Calc'd Values

SAT\_Reset\_db

### Inputs

### Outputs

Building Type	Climate Zone	Building Vintage	Reset Type	Low Temp	Degrees Reset	kWh/hr-ft2	therms/hr-ft2	kW/hr-ft2
Ofl	W01	75	OAT	55	3	0.000245772	2.73971E-05	2.97252E-08
Ofl	W02	75	OAT	55	3	0.000154817	2.4029E-05	-3.77267E-10
Ofl	W03	75	OAT	55	3	0.000178293	2.19247E-05	-1.90348E-09
Ofl	W04	75	OAT	55	3	0.000141441	1.847E-05	-2.09212E-09
Ofl	W05	75	OAT	55	3	0.000142298	1.95241E-05	7.61393E-10
Ofl	W06	75	OAT	55	3	0.000112374	1.40187E-05	1.58109E-08
Ofl	W07	75	OAT	55	3	8.23128E-05	1.21113E-05	5.659E-10
Ofl	W08	75	OAT	55	3	8.44563E-05	1.21963E-05	-5.83049E-10
Ofl	W09	75	OAT	55	3	9.52599E-05	1.3197E-05	-1.33758E-09
Ofl	W10	75	OAT	55	3	0.000103971	1.4342E-05	-3.77267E-10
Ofl	W11	75	OAT	55	3	0.000113009	2.28795E-05	0
Ofl	W12	75	OAT	55	3	0.000135816	2.32815E-05	-1.52622E-09
Ofl	W13	75	OAT	55	3	0.000117433	1.85368E-05	0
Ofl	W14	75	OAT	55	3	0.000120177	2.44656E-05	-1.88633E-10
Ofl	W15	75	OAT	55	3	4.65925E-05	7.97936E-06	0
Ofl	W16	75	OAT	55	3	0.000148506	4.23791E-05	-5.659E-10
Ofl	W01	75	OAT	55	7	0.000615271	6.2478E-05	1.00224E-07
Ofl	W02	75	OAT	55	7	0.000360153	5.44461E-05	-9.43167E-10
Ofl	W03	75	OAT	55	7	0.000441557	4.93907E-05	-5.71045E-09
Ofl	W04	75	OAT	55	7	0.000350772	4.14904E-05	-5.14455E-09
Ofl	W05	75	OAT	55	7	0.00036065	4.36872E-05	1.33415E-09
Ofl	W06	75	OAT	55	7	0.000280121	3.04321E-05	3.58129E-08
Ofl	W07	75	OAT	55	7	0.000210721	2.64219E-05	1.33758E-09
Ofl	W08	75	OAT	55	7	0.000234008	2.69771E-05	-2.2979E-09
Ofl	W09	75	OAT	55	7	0.000241485	2.9433E-05	-2.65802E-09
Ofl	W10	75	OAT	55	7	0.000232671	3.16261E-05	-1.1318E-09
Ofl	W11	75	OAT	55	7	0.000279589	5.23631E-05	-1.88633E-10
Ofl	W12	75	OAT	55	7	0.000323112	5.30086E-05	-2.67516E-09
Ofl	W13	75	OAT	55	7	0.000287632	4.27291E-05	0
Ofl	W14	75	OAT	55	7	0.000286311	5.47481E-05	-5.659E-10
Ofl	W15	75	OAT	55	7	0.000115718	1.7505E-05	0
Ofl	W16	75	OAT	55	7	0.000328154	9.40279E-05	-1.33758E-09
Ofl	W01	75	OAT	59	3	0.000252872	2.45549E-05	4.42037E-08
Ofl	W02	75	OAT	59	3	0.000141321	2.1178E-05	-7.71682E-10
Ofl	W03	75	OAT	59	3	0.000185444	1.85506E-05	-4.19109E-09
Ofl	W04	75	OAT	59	3	0.000154594	1.56281E-05	-3.4297E-09
Ofl	W05	75	OAT	59	3	0.000166066	1.6187E-05	-1.33415E-09
Ofl	W06	75	OAT	59	3	0.000118256	1.07596E-05	6.47699E-09
Ofl	W07	75	OAT	59	3	9.05955E-05	9.46219E-06	-1.88633E-10
Ofl	W08	75	OAT	59	3	9.51913E-05	9.89228E-06	-1.52622E-09
Ofl	W09	75	OAT	59	3	9.92898E-05	1.08162E-05	-1.14895E-09
Ofl	W10	75	OAT	59	3	0.000102531	1.15577E-05	0
Ofl	W11	75	OAT	59	3	0.000114483	2.03956E-05	-3.77267E-10
Ofl	W12	75	OAT	59	3	0.000124721	2.05576E-05	-1.90348E-09
Ofl	W13	75	OAT	59	3	0.0001127	1.63123E-05	-2.05782E-10
Ofl	W14	75	OAT	59	3	0.00011757	2.11503E-05	-3.77267E-10
Ofl	W15	75	OAT	59	3	5.19599E-05	6.42863E-06	0
Ofl	W16	75	OAT	59	3	0.000134187	3.69226E-05	-2.28075E-09
Ofl	W01	75	OAT	59	7	0.000463918	5.28086E-05	9.33632E-08
Ofl	W02	75	OAT	59	7	0.000280481	4.59453E-05	-9.60316E-10
Ofl	W03	75	OAT	59	7	0.000406591	4.03461E-05	-1.10505E-08
Ofl	W04	75	OAT	59	7	0.000327039	3.41402E-05	-7.81971E-09
Ofl	W05	75	OAT	59	7	0.000375415	3.57702E-05	-2.28589E-09
Ofl	W06	75	OAT	59	7	0.000302945	2.413E-05	4.38144E-09
Ofl	W07	75	OAT	59	7	0.000242668	2.11693E-05	-3.03528E-09

SAT Reset db

Ofl	W08	75 OAT	59	7	0.000224765	2.17438E-05	-3.24106E-09
Ofl	W09	75 OAT	59	7	0.000219329	2.423E-05	-3.80697E-09
Ofl	W10	75 OAT	59	7	0.000236135	2.57599E-05	-1.14895E-09
Ofl	W11	75 OAT	59	7	0.000223205	4.37199E-05	-7.71682E-10
Ofl	W12	75 OAT	59	7	0.000247058	4.40454E-05	-4.5615E-09
Ofl	W13	75 OAT	59	7	0.000220821	3.52511E-05	-2.05782E-10
Ofl	W14	75 OAT	59	7	0.000218798	4.31672E-05	-7.71682E-10
Ofl	W15	75 OAT	59	7	0.000124755	1.42405E-05	0
Ofl	W16	75 OAT	59	7	0.000245686	7.65831E-05	-2.09212E-09
Ofl	W01	85 OAT	55	3	0.00018282	7.37162E-06	3.4297E-09
Ofl	W02	85 OAT	55	3	0.00010867	7.10411E-06	-5.7276E-10
Ofl	W03	85 OAT	55	3	0.000114278	5.99134E-06	-3.62005E-09
Ofl	W04	85 OAT	55	3	0.000100284	5.00582E-06	-1.52279E-09
Ofl	W05	85 OAT	55	3	7.30011E-05	4.94237E-06	-2.66831E-09
Ofl	W06	85 OAT	55	3	3.8224E-05	3.27639E-06	-5.71045E-10
Ofl	W07	85 OAT	55	3	3.56003E-05	2.98041E-06	-1.52279E-09
Ofl	W08	85 OAT	55	3	4.17566E-05	3.20745E-06	-7.61393E-10
Ofl	W09	85 OAT	55	3	5.0348E-05	4.04327E-06	-7.63108E-10
Ofl	W10	85 OAT	55	3	5.6813E-05	4.27632E-06	1.90348E-10
Ofl	W11	85 OAT	55	3	7.67395E-05	7.13566E-06	-1.90348E-10
Ofl	W12	85 OAT	55	3	9.68547E-05	6.91101E-06	-1.1438E-09
Ofl	W13	85 OAT	55	3	8.26043E-05	5.39492E-06	0
Ofl	W14	85 OAT	55	3	7.00001E-05	4.74413E-06	-1.90348E-10
Ofl	W15	85 OAT	55	3	2.23616E-05	2.14168E-06	0
Ofl	W16	85 OAT	55	3	8.32388E-05	9.81322E-06	-9.53456E-10
Ofl	W01	85 OAT	55	7	0.000458482	1.67364E-05	4.36343E-08
Ofl	W02	85 OAT	55	7	0.000261635	1.60085E-05	-1.33415E-09
Ofl	W03	85 OAT	55	7	0.000311588	1.36361E-05	-7.62079E-09
Ofl	W04	85 OAT	55	7	0.000249751	1.10375E-05	-3.62005E-09
Ofl	W05	85 OAT	55	7	0.000228418	1.13825E-05	-6.28835E-09
Ofl	W06	85 OAT	55	7	0.000151713	7.64068E-06	-3.62005E-09
Ofl	W07	85 OAT	55	7	0.000109236	6.62686E-06	-3.81039E-09
Ofl	W08	85 OAT	55	7	0.000131049	7.03603E-06	-1.71485E-09
Ofl	W09	85 OAT	55	7	0.000156703	8.47564E-06	-2.09726E-09
Ofl	W10	85 OAT	55	7	0.000148454	8.6629E-06	-3.80697E-10
Ofl	W11	85 OAT	55	7	0.000186919	1.56341E-05	-3.80697E-10
Ofl	W12	85 OAT	55	7	0.000236118	1.55672E-05	-2.66831E-09
Ofl	W13	85 OAT	55	7	0.000201872	1.18817E-05	-1.90348E-10
Ofl	W14	85 OAT	55	7	0.000159755	1.03503E-05	-5.71045E-10
Ofl	W15	85 OAT	55	7	6.15974E-05	4.33771E-06	0
Ofl	W16	85 OAT	55	7	0.000177144	2.11618E-05	-2.28589E-09
Ofl	W01	85 OAT	59	3	0.000199454	6.1786E-06	2.95348E-08
Ofl	W02	85 OAT	59	3	0.00011366	6.17877E-06	-5.7276E-10
Ofl	W03	85 OAT	59	3	0.000153753	5.3625E-06	-3.81211E-09
Ofl	W04	85 OAT	59	3	0.000120039	4.23911E-06	-1.14209E-09
Ofl	W05	85 OAT	59	3	0.000132524	4.40425E-06	-3.62005E-09
Ofl	W06	85 OAT	59	3	0.000101176	2.89827E-06	-4.9542E-09
Ofl	W07	85 OAT	59	3	5.99683E-05	2.64087E-06	-2.47796E-09
Ofl	W08	85 OAT	59	3	7.13034E-05	2.71701E-06	-7.61393E-10
Ofl	W09	85 OAT	59	3	7.24524E-05	2.97183E-06	-9.53456E-10
Ofl	W10	85 OAT	59	3	7.35156E-05	3.15601E-06	-3.80697E-10
Ofl	W11	85 OAT	59	3	7.70653E-05	6.2093E-06	-1.90348E-10
Ofl	W12	85 OAT	59	3	9.48312E-05	6.25063E-06	-1.33415E-09
Ofl	W13	85 OAT	59	3	8.64455E-05	4.73075E-06	0
Ofl	W14	85 OAT	59	3	6.29007E-05	4.06111E-06	0
Ofl	W15	85 OAT	59	3	2.96497E-05	1.63555E-06	0
Ofl	W16	85 OAT	59	3	5.85621E-05	8.01726E-06	-1.90348E-10
Ofl	W01	85 OAT	59	7	0.00036528	1.35398E-05	7.96462E-08
Ofl	W02	85 OAT	59	7	0.000214888	1.34895E-05	-1.5245E-09
Ofl	W03	85 OAT	59	7	0.000342918	1.18105E-05	-1.00987E-08
Ofl	W04	85 OAT	59	7	0.000265733	9.26224E-06	-3.4297E-09

SAT Reset db

Ofl	W05	85 OAT	59	7	0.000305912	1.03525E-05	-8.76459E-09
Ofl	W06	85 OAT	59	7	0.000242274	6.79646E-06	-1.44802E-08
Ofl	W07	85 OAT	59	7	0.000177555	6.09577E-06	-6.098E-09
Ofl	W08	85 OAT	59	7	0.000181002	6.26246E-06	-2.09555E-09
Ofl	W09	85 OAT	59	7	0.000170936	7.03277E-06	-2.47624E-09
Ofl	W10	85 OAT	59	7	0.000175463	7.40729E-06	-9.51741E-10
Ofl	W11	85 OAT	59	7	0.000164437	1.37414E-05	-3.80697E-10
Ofl	W12	85 OAT	59	7	0.000192337	1.35103E-05	-3.4297E-09
Ofl	W13	85 OAT	59	7	0.000174452	1.01646E-05	0
Ofl	W14	85 OAT	59	7	0.000114861	8.91499E-06	-3.80697E-10
Ofl	W15	85 OAT	59	7	7.2761E-05	3.79508E-06	0
Ofl	W16	85 OAT	59	7	0.000108584	1.67049E-05	1.33415E-09
Ofl	W01	96 OAT	55	3	0.000130466	5.3884E-06	4.19281E-09
Ofl	W02	96 OAT	55	3	8.3153E-05	5.72348E-06	-3.80697E-10
Ofl	W03	96 OAT	55	3	9.3082E-05	4.8983E-06	-2.85865E-09
Ofl	W04	96 OAT	55	3	8.01006E-05	4.11581E-06	-1.33244E-09
Ofl	W05	96 OAT	55	3	6.12716E-05	4.09283E-06	-1.1438E-09
Ofl	W06	96 OAT	55	3	3.87041E-05	2.55324E-06	-5.71045E-10
Ofl	W07	96 OAT	55	3	2.95469E-05	2.23102E-06	-7.61393E-10
Ofl	W08	96 OAT	55	3	3.87213E-05	2.5541E-06	-3.80697E-10
Ofl	W09	96 OAT	55	3	4.4003E-05	3.14589E-06	-7.63108E-10
Ofl	W10	96 OAT	55	3	4.75871E-05	3.15172E-06	-3.82411E-10
Ofl	W11	96 OAT	55	3	5.27145E-05	5.63654E-06	-1.90348E-10
Ofl	W12	96 OAT	55	3	6.88169E-05	5.28242E-06	-9.53456E-10
Ofl	W13	96 OAT	55	3	6.14945E-05	4.3444E-06	0
Ofl	W14	96 OAT	55	3	4.8273E-05	3.54013E-06	-1.90348E-10
Ofl	W15	96 OAT	55	3	1.62739E-05	2.25892E-06	0
Ofl	W16	96 OAT	55	3	5.04166E-05	7.29205E-06	-3.80697E-10
Ofl	W01	96 OAT	55	7	0.000315721	1.19136E-05	3.02962E-08
Ofl	W02	96 OAT	55	7	0.000190914	1.2629E-05	-9.53456E-10
Ofl	W03	96 OAT	55	7	0.000231247	1.10628E-05	-6.098E-09
Ofl	W04	96 OAT	55	7	0.000194532	8.97878E-06	-3.04729E-09
Ofl	W05	96 OAT	55	7	0.000179665	9.0899E-06	-3.23935E-09
Ofl	W06	96 OAT	55	7	0.000122509	5.80596E-06	-3.62005E-09
Ofl	W07	96 OAT	55	7	8.63084E-05	5.27813E-06	-2.66831E-09
Ofl	W08	96 OAT	55	7	0.000107778	5.75452E-06	-1.33415E-09
Ofl	W09	96 OAT	55	7	0.000119216	6.60165E-06	-1.71485E-09
Ofl	W10	96 OAT	55	7	0.000117347	6.69837E-06	-7.63108E-10
Ofl	W11	96 OAT	55	7	0.000125184	1.2375E-05	9.53456E-10
Ofl	W12	96 OAT	55	7	0.000155948	1.17297E-05	-2.09555E-09
Ofl	W13	96 OAT	55	7	0.000143224	9.50575E-06	0
Ofl	W14	96 OAT	55	7	0.000107813	7.37711E-06	5.71045E-10
Ofl	W15	96 OAT	55	7	4.45518E-05	3.97687E-06	0
Ofl	W16	96 OAT	55	7	0.000115049	1.50102E-05	-1.90348E-10
Ofl	W01	96 OAT	59	3	0.000135816	4.22779E-06	1.94344E-08
Ofl	W02	96 OAT	59	3	8.1301E-05	4.8616E-06	-3.80697E-10
Ofl	W03	96 OAT	59	3	0.000115272	4.43683E-06	-3.4297E-09
Ofl	W04	96 OAT	59	3	9.30477E-05	3.45199E-06	-1.33244E-09
Ofl	W05	96 OAT	59	3	0.000101999	3.55591E-06	-3.049E-09
Ofl	W06	96 OAT	59	3	7.65337E-05	2.39787E-06	-4.19109E-09
Ofl	W07	96 OAT	59	3	4.58722E-05	2.10412E-06	-1.71485E-09
Ofl	W08	96 OAT	59	3	5.84764E-05	2.25726E-06	-7.61393E-10
Ofl	W09	96 OAT	59	3	5.56126E-05	2.4687E-06	-7.63108E-10
Ofl	W10	96 OAT	59	3	5.5321E-05	2.63435E-06	-3.80697E-10
Ofl	W11	96 OAT	59	3	5.36062E-05	4.84908E-06	-1.90348E-10
Ofl	W12	96 OAT	59	3	6.33122E-05	4.66302E-06	-9.53456E-10
Ofl	W13	96 OAT	59	3	6.074E-05	3.80422E-06	0
Ofl	W14	96 OAT	59	3	4.18938E-05	2.7453E-06	-1.90348E-10
Ofl	W15	96 OAT	59	3	2.3562E-05	1.16524E-06	0
Ofl	W16	96 OAT	59	3	4.12764E-05	5.43676E-06	-9.53456E-10
Ofl	W01	96 OAT	59	7	0.000231865	8.70046E-06	5.03017E-08

SAT Reset db

Ofl	W02	96 OAT	59	7	0.000149432	1.02186E-05	-9.51741E-10
Ofl	W03	96 OAT	59	7	0.000237026	9.53336E-06	-8.0032E-09
Ofl	W04	96 OAT	59	7	0.000188136	7.40643E-06	-3.4297E-09
Ofl	W05	96 OAT	59	7	0.000215299	8.12015E-06	-5.71731E-09
Ofl	W06	96 OAT	59	7	0.000179442	5.49815E-06	-1.18119E-08
Ofl	W07	96 OAT	59	7	0.000139143	4.78218E-06	-5.14455E-09
Ofl	W08	96 OAT	59	7	0.000137617	4.98524E-06	-1.5245E-09
Ofl	W09	96 OAT	59	7	0.000131066	5.68095E-06	-1.5245E-09
Ofl	W10	96 OAT	59	7	0.000131906	5.83717E-06	-3.80697E-10
Ofl	W11	96 OAT	59	7	0.000104949	9.77893E-06	-5.71045E-10
Ofl	W12	96 OAT	59	7	0.000120417	9.63385E-06	-2.28761E-09
Ofl	W13	96 OAT	59	7	0.000113146	7.77101E-06	-1.90348E-10
Ofl	W14	96 OAT	59	7	7.81971E-05	5.53845E-06	-3.80697E-10
Ofl	W15	96 OAT	59	7	5.31946E-05	2.6528E-06	0
Ofl	W16	96 OAT	59	7	7.85572E-05	1.05227E-05	-2.28761E-09
Ofl	W01	3 OAT	55	3	0.000113489	5.32101E-06	2.47624E-09
Ofl	W02	3 OAT	55	3	5.74303E-05	3.94364E-06	-1.92063E-10
Ofl	W03	3 OAT	55	3	7.60193E-05	4.58379E-06	-3.4297E-09
Ofl	W04	3 OAT	55	3	6.74965E-05	3.77627E-06	-1.33244E-09
Ofl	W05	3 OAT	55	3	5.65557E-05	3.83372E-06	-2.66659E-09
Ofl	W06	3 OAT	55	3	3.66635E-05	4.42311E-06	-2.09555E-09
Ofl	W07	3 OAT	55	3	2.67002E-05	3.38631E-06	-1.71485E-09
Ofl	W08	3 OAT	55	3	3.37311E-05	3.67166E-06	-5.7276E-10
Ofl	W09	3 OAT	55	3	4.00932E-05	4.1405E-06	-7.61393E-10
Ofl	W10	3 OAT	55	3	3.47257E-05	2.10961E-06	-1.90348E-10
Ofl	W11	3 OAT	55	3	3.7761E-05	3.725E-06	0
Ofl	W12	3 OAT	55	3	5.55097E-05	3.6552E-06	-7.61393E-10
Ofl	W13	3 OAT	55	3	4.29227E-05	3.24004E-06	0
Ofl	W14	3 OAT	55	3	3.79153E-05	2.80378E-06	-1.90348E-10
Ofl	W15	3 OAT	55	3	1.58281E-05	2.09561E-06	0
Ofl	W16	3 OAT	55	3	3.32681E-05	5.45425E-06	5.71045E-10
Ofl	W01	3 OAT	55	7	0.000247384	1.09479E-05	1.77195E-08
Ofl	W02	3 OAT	55	7	0.000123726	8.02669E-06	-5.7276E-10
Ofl	W03	3 OAT	55	7	0.000182288	1.03819E-05	-6.28835E-09
Ofl	W04	3 OAT	55	7	0.000160819	8.03818E-06	-2.66659E-09
Ofl	W05	3 OAT	55	7	0.000152124	8.63066E-06	-5.90594E-09
Ofl	W06	3 OAT	55	7	0.000101433	7.71493E-06	-7.24009E-09
Ofl	W07	3 OAT	55	7	7.42015E-05	6.99573E-06	-3.62005E-09
Ofl	W08	3 OAT	55	7	8.63427E-05	6.41817E-06	-1.33415E-09
Ofl	W09	3 OAT	55	7	9.58601E-05	8.60323E-06	-1.9052E-09
Ofl	W10	3 OAT	55	7	8.27072E-05	4.62352E-06	1.90348E-10
Ofl	W11	3 OAT	55	7	8.50222E-05	8.10198E-06	-1.90348E-10
Ofl	W12	3 OAT	55	7	0.0001139	7.86944E-06	-1.5245E-09
Ofl	W13	3 OAT	55	7	9.77464E-05	6.67299E-06	0
Ofl	W14	3 OAT	55	7	7.66538E-05	5.64408E-06	-1.90348E-10
Ofl	W15	3 OAT	55	7	3.81897E-05	3.4208E-06	0
Ofl	W16	3 OAT	55	7	7.70825E-05	1.09054E-05	5.71045E-10
Ofl	W01	3 OAT	59	3	8.70972E-05	3.94038E-06	-2.85694E-09
Ofl	W02	3 OAT	59	3	4.30427E-05	3.00424E-06	-1.90348E-10
Ofl	W03	3 OAT	59	3	8.30158E-05	4.00263E-06	-3.23935E-09
Ofl	W04	3 OAT	59	3	7.1252E-05	3.21843E-06	-1.1438E-09
Ofl	W05	3 OAT	59	3	7.74254E-05	3.37174E-06	-2.85694E-09
Ofl	W06	3 OAT	59	3	5.60756E-05	2.24285E-06	-6.66905E-09
Ofl	W07	3 OAT	59	3	3.95101E-05	1.9961E-06	-2.09726E-09
Ofl	W08	3 OAT	59	3	4.60266E-05	1.99704E-06	-5.71045E-10
Ofl	W09	3 OAT	59	3	4.03333E-05	3.15018E-06	-7.61393E-10
Ofl	W10	3 OAT	59	3	3.72122E-05	1.83906E-06	-1.90348E-10
Ofl	W11	3 OAT	59	3	2.97012E-05	3.14435E-06	-1.90348E-10
Ofl	W12	3 OAT	59	3	3.62348E-05	3.31497E-06	-7.61393E-10
Ofl	W13	3 OAT	59	3	3.51373E-05	2.5613E-06	0
Ofl	W14	3 OAT	59	3	2.16071E-05	2.07119E-06	-1.90348E-10



SAT Reset db

Ofl	W15	3 OAT	59	3	1.70113E-05	1.08389E-06	0
Ofl	W16	3 OAT	59	3	2.46767E-05	3.88242E-06	-7.61393E-10
Ofl	W01	3 OAT	59	7	0.000142075	8.86354E-06	1.75292E-08
Ofl	W02	3 OAT	59	7	7.25038E-05	7.13034E-06	-7.61393E-10
Ofl	W03	3 OAT	59	7	0.000167849	8.58368E-06	-8.0032E-09
Ofl	W04	3 OAT	59	7	0.000136193	6.99024E-06	-3.049E-09
Ofl	W05	3 OAT	59	7	0.000162431	7.32704E-06	-7.24009E-09
Ofl	W06	3 OAT	59	7	0.00012316	5.30139E-06	-1.77213E-08
Ofl	W07	3 OAT	59	7	0.000113797	4.69853E-06	-5.71731E-09
Ofl	W08	3 OAT	59	7	9.96499E-05	4.61776E-06	-1.33415E-09
Ofl	W09	3 OAT	59	7	9.55171E-05	6.24056E-06	-1.9052E-09
Ofl	W10	3 OAT	59	7	8.22099E-05	5.00069E-06	-5.71045E-10
Ofl	W11	3 OAT	59	7	5.55954E-05	6.4919E-06	-3.80697E-10
Ofl	W12	3 OAT	59	7	6.79595E-05	6.78171E-06	-2.09555E-09
Ofl	W13	3 OAT	59	7	6.27806E-05	5.47001E-06	-1.90348E-10
Ofl	W14	3 OAT	59	7	3.78124E-05	4.6433E-06	-1.90348E-10
Ofl	W15	3 OAT	59	7	3.87384E-05	2.58315E-06	0
Ofl	W16	3 OAT	59	7	3.45199E-05	7.74306E-06	-9.51741E-10
Ofl	W01	5 OAT	55	3	8.83147E-05	5.42938E-06	4.9542E-09
Ofl	W02	5 OAT	55	3	4.24082E-05	4.08597E-06	-1.90348E-10
Ofl	W03	5 OAT	55	3	6.39467E-05	4.60849E-06	-3.4297E-09
Ofl	W04	5 OAT	55	3	5.75675E-05	3.80285E-06	-1.33244E-09
Ofl	W05	5 OAT	55	3	5.06566E-05	4.02904E-06	-1.52279E-09
Ofl	W06	5 OAT	55	3	3.75723E-05	4.514E-06	-9.53456E-10
Ofl	W07	5 OAT	55	3	2.86037E-05	3.33144E-06	-1.71485E-09
Ofl	W08	5 OAT	55	3	3.28394E-05	3.21208E-06	-5.71045E-10
Ofl	W09	5 OAT	55	3	3.57032E-05	4.49959E-06	-7.61393E-10
Ofl	W10	5 OAT	55	3	2.86894E-05	2.24782E-06	-1.92063E-10
Ofl	W11	5 OAT	55	3	3.04557E-05	3.83217E-06	0
Ofl	W12	5 OAT	55	3	4.11735E-05	3.6823E-06	-7.61393E-10
Ofl	W13	5 OAT	55	3	3.40912E-05	3.11125E-06	0
Ofl	W14	5 OAT	55	3	2.9444E-05	2.87049E-06	-1.90348E-10
Ofl	W15	5 OAT	55	3	1.49706E-05	1.99202E-06	-1.90348E-10
Ofl	W16	5 OAT	55	3	2.69403E-05	5.43556E-06	0
Ofl	W01	5 OAT	55	7	0.000185975	1.12381E-05	1.90537E-08
Ofl	W02	5 OAT	55	7	9.35107E-05	8.23128E-06	-5.71045E-10
Ofl	W03	5 OAT	55	7	0.000148249	1.04498E-05	-6.28664E-09
Ofl	W04	5 OAT	55	7	0.000132249	8.27209E-06	-2.85694E-09
Ofl	W05	5 OAT	55	7	0.000127756	8.8716E-06	-4.57179E-09
Ofl	W06	5 OAT	55	7	9.60316E-05	7.89928E-06	-4.38315E-09
Ofl	W07	5 OAT	55	7	7.39271E-05	7.09896E-06	-3.81039E-09
Ofl	W08	5 OAT	55	7	8.02892E-05	6.05273E-06	-1.33244E-09
Ofl	W09	5 OAT	55	7	8.50565E-05	9.9974E-06	-1.9052E-09
Ofl	W10	5 OAT	55	7	6.69649E-05	4.74821E-06	-5.7276E-10
Ofl	W11	5 OAT	55	7	6.6862E-05	8.00183E-06	-1.90348E-10
Ofl	W12	5 OAT	55	7	8.80404E-05	7.87853E-06	-1.71485E-09
Ofl	W13	5 OAT	55	7	7.77513E-05	6.67316E-06	-1.92063E-10
Ofl	W14	5 OAT	55	7	5.77047E-05	5.78436E-06	-3.80697E-10
Ofl	W15	5 OAT	55	7	3.45199E-05	3.50174E-06	-1.90348E-10
Ofl	W16	5 OAT	55	7	5.89565E-05	1.06442E-05	9.53456E-10
Ofl	W01	5 OAT	59	3	6.0054E-05	4.0028E-06	-3.23935E-09
Ofl	W02	5 OAT	59	3	3.10559E-05	2.98932E-06	-3.80697E-10
Ofl	W03	5 OAT	59	3	5.96425E-05	4.03573E-06	-3.04729E-09
Ofl	W04	5 OAT	59	3	5.50295E-05	3.25358E-06	-1.33244E-09
Ofl	W05	5 OAT	59	3	5.78762E-05	3.29543E-06	-2.47624E-09
Ofl	W06	5 OAT	59	3	4.45689E-05	2.22004E-06	-5.71559E-09
Ofl	W07	5 OAT	59	3	3.40912E-05	1.93694E-06	-1.90691E-09
Ofl	W08	5 OAT	59	3	3.66978E-05	1.98369E-06	-7.63108E-10
Ofl	W09	5 OAT	59	3	3.5343E-05	3.77318E-06	-9.53456E-10
Ofl	W10	5 OAT	59	3	2.85179E-05	1.888E-06	-1.90348E-10
Ofl	W11	5 OAT	59	3	2.20015E-05	3.20385E-06	-1.90348E-10

SAT Reset db

Ofl	W12	5 OAT	59	3	2.82264E-05	3.23455E-06	-7.61393E-10
Ofl	W13	5 OAT	59	3	2.53455E-05	2.51414E-06	0
Ofl	W14	5 OAT	59	3	1.53308E-05	2.06965E-06	-1.92063E-10
Ofl	W15	5 OAT	59	3	1.28099E-05	1.12768E-06	0
Ofl	W16	5 OAT	59	3	1.70456E-05	3.77575E-06	-9.53456E-10
Ofl	W01	5 OAT	59	7	9.33221E-05	8.85805E-06	5.90594E-09
Ofl	W02	5 OAT	59	7	4.71241E-05	7.02694E-06	0
Ofl	W03	5 OAT	59	7	0.000117416	8.59054E-06	-7.62079E-09
Ofl	W04	5 OAT	59	7	0.00010133	6.84379E-06	-3.04729E-09
Ofl	W05	5 OAT	59	7	0.000115958	7.31537E-06	-6.28664E-09
Ofl	W06	5 OAT	59	7	9.16415E-05	5.0817E-06	-1.52433E-08
Ofl	W07	5 OAT	59	7	9.03897E-05	4.50119E-06	-4.76385E-09
Ofl	W08	5 OAT	59	7	7.87459E-05	4.62961E-06	-1.5245E-09
Ofl	W09	5 OAT	59	7	7.43387E-05	6.7782E-06	-2.09555E-09
Ofl	W10	5 OAT	59	7	5.9128E-05	4.87429E-06	-5.71045E-10
Ofl	W11	5 OAT	59	7	3.86698E-05	6.42931E-06	-3.80697E-10
Ofl	W12	5 OAT	59	7	4.84102E-05	6.86334E-06	-1.9052E-09
Ofl	W13	5 OAT	59	7	4.5272E-05	5.34385E-06	-1.90348E-10
Ofl	W14	5 OAT	59	7	2.35277E-05	4.449E-06	-5.7276E-10
Ofl	W15	5 OAT	59	7	2.9101E-05	2.53285E-06	0
Ofl	W16	5 OAT	59	7	2.12813E-05	7.57415E-06	-1.9052E-09
Hsp	W01	75 OAT	55	3	0.000107962	2.43832E-05	9.59039E-09
Hsp	W02	75 OAT	55	3	6.25075E-05	2.0574E-05	-3.60563E-10
Hsp	W03	75 OAT	55	3	0.000104504	2.04738E-05	-4.58093E-10
Hsp	W04	75 OAT	55	3	8.83084E-05	1.90741E-05	-5.58577E-10
Hsp	W05	75 OAT	55	3	0.000104031	1.98005E-05	1.32995E-10
Hsp	W06	75 OAT	55	3	0.000112425	1.65224E-05	4.36518E-09
Hsp	W07	75 OAT	55	3	9.99233E-05	1.55757E-05	2.63034E-10
Hsp	W08	75 OAT	55	3	9.45444E-05	1.57043E-05	-2.63034E-10
Hsp	W09	75 OAT	55	3	8.74514E-05	1.50819E-05	-3.28053E-10
Hsp	W10	75 OAT	55	3	6.59653E-05	1.59818E-05	-2.63034E-10
Hsp	W11	75 OAT	55	3	4.82623E-05	1.86869E-05	-1.98014E-10
Hsp	W12	75 OAT	55	3	6.49605E-05	1.97609E-05	-3.93073E-10
Hsp	W13	75 OAT	55	3	5.68035E-05	1.65233E-05	-1.62549E-10
Hsp	W14	75 OAT	55	3	4.03417E-05	1.79102E-05	-1.62549E-10
Hsp	W15	75 OAT	55	3	4.11692E-05	1.02305E-05	-3.25098E-11
Hsp	W16	75 OAT	55	3	3.3958E-05	2.43611E-05	-5.91087E-10
Hsp	W01	75 OAT	55	7	0.000200053	5.64657E-05	2.03275E-08
Hsp	W02	75 OAT	55	7	0.000117331	4.74788E-05	-9.8416E-10
Hsp	W03	75 OAT	55	7	0.000203098	4.76886E-05	-1.60776E-09
Hsp	W04	75 OAT	55	7	0.000180459	4.42384E-05	-1.87375E-09
Hsp	W05	75 OAT	55	7	0.000205462	4.62809E-05	0
Hsp	W06	75 OAT	55	7	0.000230435	3.83663E-05	9.16185E-09
Hsp	W07	75 OAT	55	7	0.000212614	3.6215E-05	3.96028E-10
Hsp	W08	75 OAT	55	7	0.000195088	3.6278E-05	-7.21126E-10
Hsp	W09	75 OAT	55	7	0.000178449	3.52131E-05	-9.19141E-10
Hsp	W10	75 OAT	55	7	0.000134502	3.69899E-05	-7.89101E-10
Hsp	W11	75 OAT	55	7	9.5431E-05	4.32522E-05	-5.26068E-10
Hsp	W12	75 OAT	55	7	0.000126552	4.59455E-05	-1.1142E-09
Hsp	W13	75 OAT	55	7	0.000110533	3.84795E-05	-4.58093E-10
Hsp	W14	75 OAT	55	7	7.83191E-05	4.10637E-05	-4.25583E-10
Hsp	W15	75 OAT	55	7	8.47619E-05	2.38678E-05	-6.50196E-11
Hsp	W16	75 OAT	55	7	6.52856E-05	5.47258E-05	-1.87079E-09
Hsp	W01	75 OAT	59	3	4.37109E-05	2.30444E-05	3.51401E-09
Hsp	W02	75 OAT	59	3	2.87268E-05	1.92925E-05	-1.01963E-09
Hsp	W03	75 OAT	59	3	5.54144E-05	1.93454E-05	-2.16929E-09
Hsp	W04	75 OAT	59	3	5.26363E-05	1.79156E-05	-2.06881E-09
Hsp	W05	75 OAT	59	3	5.26659E-05	1.88365E-05	-1.31221E-09
Hsp	W06	75 OAT	59	3	6.7118E-05	1.53213E-05	6.91572E-10
Hsp	W07	75 OAT	59	3	7.10782E-05	1.43342E-05	-9.19141E-10
Hsp	W08	75 OAT	59	3	6.035E-05	1.45085E-05	-8.54121E-10

SAT Reset db

Hsp	W09	75 OAT	59	3	5.28727E-05	1.41956E-05	-9.5165E-10
Hsp	W10	75 OAT	59	3	4.07259E-05	1.49054E-05	-8.21611E-10
Hsp	W11	75 OAT	59	3	2.75151E-05	1.76372E-05	-4.28538E-10
Hsp	W12	75 OAT	59	3	3.48741E-05	1.87567E-05	-1.21764E-09
Hsp	W13	75 OAT	59	3	3.12094E-05	1.56877E-05	-4.61048E-10
Hsp	W14	75 OAT	59	3	2.27273E-05	1.65569E-05	-4.25583E-10
Hsp	W15	75 OAT	59	3	2.76333E-05	9.66871E-06	-3.25098E-11
Hsp	W16	75 OAT	59	3	1.62845E-05	2.17777E-05	-1.77326E-09
Hsp	W01	75 OAT	59	7	4.72279E-05	4.87759E-05	4.1051E-09
Hsp	W02	75 OAT	59	7	2.96726E-05	4.10773E-05	-2.76038E-09
Hsp	W03	75 OAT	59	7	8.157E-05	4.17157E-05	-6.86548E-09
Hsp	W04	75 OAT	59	7	8.19247E-05	3.84653E-05	-6.10593E-09
Hsp	W05	75 OAT	59	7	7.48316E-05	4.05669E-05	-4.63117E-09
Hsp	W06	75 OAT	59	7	0.000118336	3.34041E-05	1.98014E-10
Hsp	W07	75 OAT	59	7	0.000136512	3.13397E-05	-2.6924E-09
Hsp	W08	75 OAT	59	7	0.000110829	3.14225E-05	-2.26682E-09
Hsp	W09	75 OAT	59	7	9.44262E-05	3.08045E-05	-2.59487E-09
Hsp	W10	75 OAT	59	7	6.72362E-05	3.20836E-05	-2.16633E-09
Hsp	W11	75 OAT	59	7	3.8066E-05	3.80084E-05	-1.08465E-09
Hsp	W12	75 OAT	59	7	4.74939E-05	4.03529E-05	-3.41648E-09
Hsp	W13	75 OAT	59	7	4.94444E-05	3.39122E-05	-1.18217E-09
Hsp	W14	75 OAT	59	7	3.08843E-05	3.52793E-05	-1.08465E-09
Hsp	W15	75 OAT	59	7	4.75234E-05	2.11432E-05	-1.00485E-10
Hsp	W16	75 OAT	59	7	9.4574E-06	4.55835E-05	-5.35229E-09
Hsp	W01	85 OAT	55	3	0.000113637	2.46797E-05	9.65245E-09
Hsp	W02	85 OAT	55	3	6.55516E-05	2.09786E-05	-1.98014E-10
Hsp	W03	85 OAT	55	3	0.000111036	2.06227E-05	-9.75294E-11
Hsp	W04	85 OAT	55	3	9.24165E-05	1.94929E-05	-4.28538E-10
Hsp	W05	85 OAT	55	3	0.000109322	2.03207E-05	4.28538E-10
Hsp	W06	85 OAT	55	3	0.000116503	1.6726E-05	4.69619E-09
Hsp	W07	85 OAT	55	3	0.000102672	1.58352E-05	5.58577E-10
Hsp	W08	85 OAT	55	3	9.67019E-05	1.55746E-05	-1.62549E-10
Hsp	W09	85 OAT	55	3	8.94019E-05	1.51203E-05	-2.30524E-10
Hsp	W10	85 OAT	55	3	6.87434E-05	1.59038E-05	-1.98014E-10
Hsp	W11	85 OAT	55	3	5.15724E-05	1.87593E-05	-9.75294E-11
Hsp	W12	85 OAT	55	3	6.80341E-05	1.99994E-05	-2.63034E-10
Hsp	W13	85 OAT	55	3	5.82812E-05	1.67966E-05	-1.32995E-10
Hsp	W14	85 OAT	55	3	3.95733E-05	1.80299E-05	-9.75294E-11
Hsp	W15	85 OAT	55	3	4.17603E-05	1.01416E-05	-3.54652E-11
Hsp	W16	85 OAT	55	3	3.61745E-05	2.52628E-05	-3.93073E-10
Hsp	W01	85 OAT	55	7	0.000211698	5.91879E-05	2.18052E-08
Hsp	W02	85 OAT	55	7	0.000125695	5.00243E-05	-5.58577E-10
Hsp	W03	85 OAT	55	7	0.000217697	4.97033E-05	-3.60563E-10
Hsp	W04	85 OAT	55	7	0.00018903	4.67609E-05	-1.14966E-09
Hsp	W05	85 OAT	55	7	0.000217904	4.90171E-05	8.54121E-10
Hsp	W06	85 OAT	55	7	0.000238474	4.0326E-05	1.0344E-08
Hsp	W07	85 OAT	55	7	0.000217963	3.80453E-05	1.24719E-09
Hsp	W08	85 OAT	55	7	0.000200674	3.74392E-05	-4.25583E-10
Hsp	W09	85 OAT	55	7	0.000183828	3.66787E-05	-5.26068E-10
Hsp	W10	85 OAT	55	7	0.000140856	3.80796E-05	-4.61048E-10
Hsp	W11	85 OAT	55	7	0.000101549	4.46383E-05	-3.60563E-10
Hsp	W12	85 OAT	55	7	0.000133733	4.77944E-05	-6.91572E-10
Hsp	W13	85 OAT	55	7	0.000114346	4.00748E-05	-2.95544E-10
Hsp	W14	85 OAT	55	7	7.87328E-05	4.24989E-05	-2.95544E-10
Hsp	W15	85 OAT	55	7	8.64465E-05	2.43513E-05	-3.54652E-11
Hsp	W16	85 OAT	55	7	7.08122E-05	5.84432E-05	-1.18217E-09
Hsp	W01	85 OAT	59	3	4.95036E-05	2.53006E-05	4.43315E-09
Hsp	W02	85 OAT	59	3	3.40762E-05	2.09529E-05	-6.23597E-10
Hsp	W03	85 OAT	59	3	6.30986E-05	2.10167E-05	-1.18217E-09
Hsp	W04	85 OAT	59	3	5.75719E-05	1.95647E-05	-1.18217E-09
Hsp	W05	85 OAT	59	3	5.91974E-05	2.06798E-05	-3.93073E-10

SAT Reset db

Hsp	W06	85 OAT	59	3	7.28219E-05	1.66601E-05	2.0363E-09
Hsp	W07	85 OAT	59	3	7.58069E-05	1.56269E-05	-3.28053E-10
Hsp	W08	85 OAT	59	3	6.54038E-05	1.54111E-05	-5.58577E-10
Hsp	W09	85 OAT	59	3	5.80743E-05	1.52574E-05	-6.56107E-10
Hsp	W10	85 OAT	59	3	4.52773E-05	1.57921E-05	-5.55622E-10
Hsp	W11	85 OAT	59	3	3.16232E-05	1.8757E-05	-3.28053E-10
Hsp	W12	85 OAT	59	3	3.94255E-05	2.01513E-05	-7.86146E-10
Hsp	W13	85 OAT	59	3	3.46082E-05	1.68368E-05	-3.60563E-10
Hsp	W14	85 OAT	59	3	2.46188E-05	1.76032E-05	-2.95544E-10
Hsp	W15	85 OAT	59	3	2.99977E-05	1.00491E-05	-3.25098E-11
Hsp	W16	85 OAT	59	3	2.05403E-05	2.39689E-05	-1.11715E-09
Hsp	W01	85 OAT	59	7	6.66155E-05	5.37464E-05	8.60327E-09
Hsp	W02	85 OAT	59	7	4.72279E-05	4.49427E-05	-1.70824E-09
Hsp	W03	85 OAT	59	7	0.000104829	4.56284E-05	-3.64405E-09
Hsp	W04	85 OAT	59	7	9.94209E-05	4.23514E-05	-3.51401E-09
Hsp	W05	85 OAT	59	7	9.53128E-05	4.47846E-05	-2.0363E-09
Hsp	W06	85 OAT	59	7	0.000136807	3.66244E-05	3.18596E-09
Hsp	W07	85 OAT	59	7	0.000153121	3.44264E-05	-1.11715E-09
Hsp	W08	85 OAT	59	7	0.00012664	3.37984E-05	-1.47772E-09
Hsp	W09	85 OAT	59	7	0.000109854	3.35253E-05	-1.70529E-09
Hsp	W10	85 OAT	59	7	8.17769E-05	3.44492E-05	-1.47772E-09
Hsp	W11	85 OAT	59	7	5.15428E-05	4.07481E-05	-7.24082E-10
Hsp	W12	85 OAT	59	7	6.25666E-05	4.36793E-05	-2.19884E-09
Hsp	W13	85 OAT	59	7	6.09411E-05	3.65986E-05	-8.21611E-10
Hsp	W14	85 OAT	59	7	3.98984E-05	3.76901E-05	-7.89101E-10
Hsp	W15	85 OAT	59	7	5.52371E-05	2.21309E-05	-6.50196E-11
Hsp	W16	85 OAT	59	7	2.40868E-05	5.02146E-05	-3.21847E-09
Hsp	W01	96 OAT	55	3	0.000125399	2.70121E-05	9.59039E-09
Hsp	W02	96 OAT	55	3	7.1226E-05	2.25249E-05	-1.65504E-10
Hsp	W03	96 OAT	55	3	0.0001194	2.24386E-05	1.98014E-10
Hsp	W04	96 OAT	55	3	9.86525E-05	2.10672E-05	-2.30524E-10
Hsp	W05	96 OAT	55	3	0.000117922	2.20207E-05	5.58577E-10
Hsp	W06	96 OAT	55	3	0.00012667	1.83243E-05	5.02424E-09
Hsp	W07	96 OAT	55	3	0.000111302	1.73508E-05	7.53636E-10
Hsp	W08	96 OAT	55	3	0.000101637	1.70399E-05	-9.75294E-11
Hsp	W09	96 OAT	55	3	9.69383E-05	1.65277E-05	-1.32995E-10
Hsp	W10	96 OAT	55	3	7.11965E-05	1.71244E-05	-1.32995E-10
Hsp	W11	96 OAT	55	3	5.53849E-05	1.98957E-05	-6.50196E-11
Hsp	W12	96 OAT	55	3	7.1758E-05	2.12718E-05	-1.32995E-10
Hsp	W13	96 OAT	55	3	6.27735E-05	1.77554E-05	-1.00485E-10
Hsp	W14	96 OAT	55	3	4.01348E-05	1.92136E-05	-6.50196E-11
Hsp	W15	96 OAT	55	3	4.37109E-05	1.0808E-05	0
Hsp	W16	96 OAT	55	3	3.65587E-05	2.72376E-05	-2.30524E-10
Hsp	W01	96 OAT	55	7	0.00022417	6.55312E-05	2.22988E-08
Hsp	W02	96 OAT	55	7	0.00013063	5.42455E-05	-3.60563E-10
Hsp	W03	96 OAT	55	7	0.00022482	5.44314E-05	4.61048E-10
Hsp	W04	96 OAT	55	7	0.000192694	5.08441E-05	-5.91087E-10
Hsp	W05	96 OAT	55	7	0.000225027	5.33923E-05	1.28266E-09
Hsp	W06	96 OAT	55	7	0.000247104	4.42405E-05	1.14582E-08
Hsp	W07	96 OAT	55	7	0.000224199	4.16823E-05	1.74075E-09
Hsp	W08	96 OAT	55	7	0.000203304	4.10415E-05	-2.30524E-10
Hsp	W09	96 OAT	55	7	0.00018832	3.99726E-05	-3.63519E-10
Hsp	W10	96 OAT	55	7	0.000141654	4.1192E-05	-2.95544E-10
Hsp	W11	96 OAT	55	7	0.000103736	4.7782E-05	-1.98014E-10
Hsp	W12	96 OAT	55	7	0.000134295	5.12245E-05	-3.63519E-10
Hsp	W13	96 OAT	55	7	0.000116917	4.26721E-05	-2.30524E-10
Hsp	W14	96 OAT	55	7	7.80531E-05	4.58577E-05	-1.65504E-10
Hsp	W15	96 OAT	55	7	8.66829E-05	2.60075E-05	0
Hsp	W16	96 OAT	55	7	7.13738E-05	6.43189E-05	-5.26068E-10
Hsp	W01	96 OAT	59	3	5.10108E-05	2.91639E-05	5.94338E-09
Hsp	W02	96 OAT	59	3	3.50219E-05	2.37783E-05	-3.93073E-10

SAT Reset db

Hsp	W03	96 OAT	59	3	6.4724E-05	2.4197E-05	-4.25583E-10
Hsp	W04	96 OAT	59	3	5.67148E-05	2.23328E-05	-6.88617E-10
Hsp	W05	96 OAT	59	3	6.02909E-05	2.36438E-05	6.50196E-11
Hsp	W06	96 OAT	59	3	7.43588E-05	1.94562E-05	2.65989E-09
Hsp	W07	96 OAT	59	3	7.64571E-05	1.8235E-05	1.00485E-10
Hsp	W08	96 OAT	59	3	6.53447E-05	1.78777E-05	-2.95544E-10
Hsp	W09	96 OAT	59	3	5.77197E-05	1.76064E-05	-3.60563E-10
Hsp	W10	96 OAT	59	3	4.63412E-05	1.79173E-05	-3.28053E-10
Hsp	W11	96 OAT	59	3	3.16823E-05	2.08775E-05	-2.63034E-10
Hsp	W12	96 OAT	59	3	3.89526E-05	2.25201E-05	-4.93558E-10
Hsp	W13	96 OAT	59	3	3.44604E-05	1.86816E-05	-2.30524E-10
Hsp	W14	96 OAT	59	3	2.52985E-05	1.98602E-05	-1.65504E-10
Hsp	W15	96 OAT	59	3	2.97317E-05	1.1285E-05	-3.25098E-11
Hsp	W16	96 OAT	59	3	2.21067E-05	2.76194E-05	-6.23597E-10
Hsp	W01	96 OAT	59	7	8.12449E-05	6.35951E-05	1.33645E-08
Hsp	W02	96 OAT	59	7	5.60646E-05	5.14405E-05	-1.18217E-09
Hsp	W03	96 OAT	59	7	0.00011674	5.34414E-05	-2.36435E-09
Hsp	W04	96 OAT	59	7	0.000104859	4.90709E-05	-2.49439E-09
Hsp	W05	96 OAT	59	7	0.000106041	5.2115E-05	-8.21611E-10
Hsp	W06	96 OAT	59	7	0.000146797	4.33042E-05	5.05675E-09
Hsp	W07	96 OAT	59	7	0.000159948	4.06346E-05	-2.60078E-10
Hsp	W08	96 OAT	59	7	0.000132936	3.95662E-05	-8.86631E-10
Hsp	W09	96 OAT	59	7	0.000114996	3.90298E-05	-1.08169E-09
Hsp	W10	96 OAT	59	7	8.79242E-05	3.94577E-05	-9.8416E-10
Hsp	W11	96 OAT	59	7	5.74537E-05	4.56665E-05	-6.23597E-10
Hsp	W12	96 OAT	59	7	6.77681E-05	4.93481E-05	-1.64322E-09
Hsp	W13	96 OAT	59	7	6.53447E-05	4.09091E-05	-6.59062E-10
Hsp	W14	96 OAT	59	7	4.68732E-05	4.291E-05	-5.26068E-10
Hsp	W15	96 OAT	59	7	5.77492E-05	2.49755E-05	-6.50196E-11
Hsp	W16	96 OAT	59	7	3.5347E-05	5.85481E-05	-2.19884E-09
Hsp	W01	3 OAT	55	3	8.98157E-05	2.08406E-05	5.09222E-09
Hsp	W02	3 OAT	55	3	4.66663E-05	1.73638E-05	-2.63034E-10
Hsp	W03	3 OAT	55	3	8.12449E-05	1.73851E-05	-2.63034E-10
Hsp	W04	3 OAT	55	3	6.62313E-05	1.62747E-05	-3.96028E-10
Hsp	W05	3 OAT	55	3	8.02992E-05	1.69988E-05	-9.75294E-11
Hsp	W06	3 OAT	55	3	8.60327E-05	1.40903E-05	2.59192E-09
Hsp	W07	3 OAT	55	3	7.58069E-05	1.32693E-05	1.65504E-10
Hsp	W08	3 OAT	55	3	6.84479E-05	1.32114E-05	-2.30524E-10
Hsp	W09	3 OAT	55	3	6.46354E-05	1.27486E-05	-3.60563E-10
Hsp	W10	3 OAT	55	3	4.71096E-05	1.33066E-05	-1.98014E-10
Hsp	W11	3 OAT	55	3	3.72385E-05	1.5329E-05	-1.00485E-10
Hsp	W12	3 OAT	55	3	4.7287E-05	1.63728E-05	-2.95544E-10
Hsp	W13	3 OAT	55	3	4.16421E-05	1.36083E-05	-9.75294E-11
Hsp	W14	3 OAT	55	3	2.5801E-05	1.48233E-05	-6.50196E-11
Hsp	W15	3 OAT	55	3	2.86382E-05	8.35531E-06	0
Hsp	W16	3 OAT	55	3	2.3082E-05	2.09277E-05	-2.95544E-10
Hsp	W01	3 OAT	55	7	0.000145526	4.97279E-05	1.18897E-08
Hsp	W02	3 OAT	55	7	7.80531E-05	4.13525E-05	-5.58577E-10
Hsp	W03	3 OAT	55	7	0.000143634	4.15262E-05	-5.26068E-10
Hsp	W04	3 OAT	55	7	0.000123123	3.87611E-05	-8.86631E-10
Hsp	W05	3 OAT	55	7	0.000143161	4.06975E-05	-1.32995E-10
Hsp	W06	3 OAT	55	7	0.000158825	3.36518E-05	5.87836E-09
Hsp	W07	3 OAT	55	7	0.000145762	3.1538E-05	3.60563E-10
Hsp	W08	3 OAT	55	7	0.000131014	3.14893E-05	-4.61048E-10
Hsp	W09	3 OAT	55	7	0.000119813	3.04567E-05	-7.21126E-10
Hsp	W10	3 OAT	55	7	8.87813E-05	3.16518E-05	-4.25583E-10
Hsp	W11	3 OAT	55	7	6.37783E-05	3.63826E-05	-1.98014E-10
Hsp	W12	3 OAT	55	7	8.2634E-05	3.89417E-05	-6.56107E-10
Hsp	W13	3 OAT	55	7	7.22309E-05	3.23073E-05	-2.27569E-10
Hsp	W14	3 OAT	55	7	4.63412E-05	3.51626E-05	-1.65504E-10
Hsp	W15	3 OAT	55	7	5.3848E-05	1.98661E-05	-3.54652E-11



SAT Reset db

Hsp	W16	3 OAT	55	7	4.01053E-05	4.93375E-05	-6.56107E-10
Hsp	W01	3 OAT	59	3	2.46188E-05	2.20224E-05	2.95544E-09
Hsp	W02	3 OAT	59	3	1.6048E-05	1.82342E-05	-1.98014E-10
Hsp	W03	3 OAT	59	3	3.51106E-05	1.84443E-05	-2.95544E-10
Hsp	W04	3 OAT	59	3	3.2096E-05	1.71341E-05	-3.60563E-10
Hsp	W05	3 OAT	59	3	3.17118E-05	1.81074E-05	-1.00485E-10
Hsp	W06	3 OAT	59	3	4.25878E-05	1.49657E-05	1.31221E-09
Hsp	W07	3 OAT	59	3	4.61639E-05	1.39653E-05	3.25098E-11
Hsp	W08	3 OAT	59	3	3.92482E-05	1.39597E-05	-1.65504E-10
Hsp	W09	3 OAT	59	3	3.3426E-05	1.35557E-05	-2.30524E-10
Hsp	W10	3 OAT	59	3	2.61261E-05	1.39825E-05	-1.98014E-10
Hsp	W11	3 OAT	59	3	1.62549E-05	1.59883E-05	-9.75294E-11
Hsp	W12	3 OAT	59	3	2.03038E-05	1.71572E-05	-2.63034E-10
Hsp	W13	3 OAT	59	3	1.83237E-05	1.42103E-05	-1.30039E-10
Hsp	W14	3 OAT	59	3	1.29153E-05	1.53872E-05	-1.00485E-10
Hsp	W15	3 OAT	59	3	1.64618E-05	8.77055E-06	0
Hsp	W16	3 OAT	59	3	9.75294E-06	2.13755E-05	-2.95544E-10
Hsp	W01	3 OAT	59	7	2.86677E-05	5.13513E-05	6.632E-09
Hsp	W02	3 OAT	59	7	1.9033E-05	4.24581E-05	-5.26068E-10
Hsp	W03	3 OAT	59	7	5.40549E-05	4.34473E-05	-8.86631E-10
Hsp	W04	3 OAT	59	7	5.33456E-05	4.02176E-05	-1.01963E-09
Hsp	W05	3 OAT	59	7	4.85874E-05	4.25979E-05	-4.28538E-10
Hsp	W06	3 OAT	59	7	7.73733E-05	3.53231E-05	2.59192E-09
Hsp	W07	3 OAT	59	7	9.1589E-05	3.30217E-05	0
Hsp	W08	3 OAT	59	7	7.51272E-05	3.27802E-05	-4.61048E-10
Hsp	W09	3 OAT	59	7	6.2271E-05	3.1979E-05	-5.58577E-10
Hsp	W10	3 OAT	59	7	4.46566E-05	3.28511E-05	-4.93558E-10
Hsp	W11	3 OAT	59	7	2.49439E-05	3.72024E-05	-2.30524E-10
Hsp	W12	3 OAT	59	7	2.98795E-05	4.00677E-05	-6.88617E-10
Hsp	W13	3 OAT	59	7	3.12094E-05	3.31423E-05	-3.28053E-10
Hsp	W14	3 OAT	59	7	2.06881E-05	3.55116E-05	-2.30524E-10
Hsp	W15	3 OAT	59	7	2.95839E-05	2.0657E-05	-3.25098E-11
Hsp	W16	3 OAT	59	7	1.2206E-05	4.85909E-05	-8.86631E-10
Hsp	W01	5 OAT	55	3	9.18254E-05	2.1173E-05	6.33941E-09
Hsp	W02	5 OAT	55	3	5.19566E-05	1.73673E-05	-2.95544E-10
Hsp	W03	5 OAT	55	3	8.73036E-05	1.75059E-05	-2.63034E-10
Hsp	W04	5 OAT	55	3	7.42997E-05	1.63693E-05	-4.25583E-10
Hsp	W05	5 OAT	55	3	8.98453E-05	1.70579E-05	-9.75294E-11
Hsp	W06	5 OAT	55	3	9.42193E-05	1.41347E-05	2.95544E-09
Hsp	W07	5 OAT	55	3	8.37866E-05	1.33042E-05	1.30039E-10
Hsp	W08	5 OAT	55	3	7.71664E-05	1.3303E-05	-2.63034E-10
Hsp	W09	5 OAT	55	3	7.27333E-05	1.26679E-05	-3.28053E-10
Hsp	W10	5 OAT	55	3	5.18679E-05	1.33184E-05	-2.30524E-10
Hsp	W11	5 OAT	55	3	3.91891E-05	1.54392E-05	-1.00485E-10
Hsp	W12	5 OAT	55	3	5.22817E-05	1.64375E-05	-3.28053E-10
Hsp	W13	5 OAT	55	3	4.45089E-05	1.36846E-05	-9.75294E-11
Hsp	W14	5 OAT	55	3	3.03819E-05	1.49122E-05	-6.50196E-11
Hsp	W15	5 OAT	55	3	3.38102E-05	8.33049E-06	-3.25098E-11
Hsp	W16	5 OAT	55	3	2.59783E-05	2.09827E-05	-3.28053E-10
Hsp	W01	5 OAT	55	7	0.000154835	5.01806E-05	1.353E-08
Hsp	W02	5 OAT	55	7	8.65943E-05	4.11553E-05	-6.23597E-10
Hsp	W03	5 OAT	55	7	0.000156727	4.15336E-05	-5.58577E-10
Hsp	W04	5 OAT	55	7	0.000134827	3.87753E-05	-9.19141E-10
Hsp	W05	5 OAT	55	7	0.000157229	4.05873E-05	-9.75294E-11
Hsp	W06	5 OAT	55	7	0.000174784	3.34798E-05	6.46945E-09
Hsp	W07	5 OAT	55	7	0.00016314	3.13761E-05	2.95544E-10
Hsp	W08	5 OAT	55	7	0.000145939	3.14946E-05	-5.91087E-10
Hsp	W09	5 OAT	55	7	0.000133911	3.00964E-05	-7.21126E-10
Hsp	W10	5 OAT	55	7	9.90662E-05	3.15236E-05	-5.26068E-10
Hsp	W11	5 OAT	55	7	6.92163E-05	3.6486E-05	-2.30524E-10
Hsp	W12	5 OAT	55	7	9.12343E-05	3.89187E-05	-7.89101E-10

SAT Reset db

Hsp	W13	5 OAT	55	7	7.91761E-05	3.23396E-05	-2.30524E-10
Hsp	W14	5 OAT	55	7	5.41731E-05	3.52066E-05	-1.95059E-10
Hsp	W15	5 OAT	55	7	6.16504E-05	1.97266E-05	-3.25098E-11
Hsp	W16	5 OAT	55	7	4.62821E-05	4.92887E-05	-7.21126E-10
Hsp	W01	5 OAT	59	3	2.71605E-05	2.20038E-05	3.87458E-09
Hsp	W02	5 OAT	59	3	1.77326E-05	1.80208E-05	-2.63034E-10
Hsp	W03	5 OAT	59	3	3.78296E-05	1.82891E-05	-2.95544E-10
Hsp	W04	5 OAT	59	3	3.37215E-05	1.69952E-05	-3.96028E-10
Hsp	W05	5 OAT	59	3	3.31895E-05	1.79132E-05	-9.75294E-11
Hsp	W06	5 OAT	59	3	4.61344E-05	1.47683E-05	1.54274E-09
Hsp	W07	5 OAT	59	3	5.04788E-05	1.37815E-05	9.75294E-11
Hsp	W08	5 OAT	59	3	4.19376E-05	1.38211E-05	-2.27569E-10
Hsp	W09	5 OAT	59	3	3.61154E-05	1.32826E-05	-2.63034E-10
Hsp	W10	5 OAT	59	3	2.84313E-05	1.38158E-05	-1.62549E-10
Hsp	W11	5 OAT	59	3	1.81464E-05	1.59251E-05	-9.75294E-11
Hsp	W12	5 OAT	59	3	2.15747E-05	1.70209E-05	-2.95544E-10
Hsp	W13	5 OAT	59	3	2.09836E-05	1.4119E-05	-1.30039E-10
Hsp	W14	5 OAT	59	3	1.51614E-05	1.52994E-05	-1.32995E-10
Hsp	W15	5 OAT	59	3	1.80282E-05	8.6479E-06	0
Hsp	W16	5 OAT	59	3	1.19104E-05	2.12339E-05	-3.60563E-10
Hsp	W01	5 OAT	59	7	3.48741E-05	5.12674E-05	8.17474E-09
Hsp	W02	5 OAT	59	7	2.31411E-05	4.1961E-05	-5.91087E-10
Hsp	W03	5 OAT	59	7	5.90496E-05	4.31219E-05	-8.21611E-10
Hsp	W04	5 OAT	59	7	5.67444E-05	3.9912E-05	-1.05214E-09
Hsp	W05	5 OAT	59	7	5.26068E-05	4.21685E-05	-3.28053E-10
Hsp	W06	5 OAT	59	7	8.62396E-05	3.49265E-05	3.25098E-09
Hsp	W07	5 OAT	59	7	0.000100367	3.26522E-05	1.62549E-10
Hsp	W08	5 OAT	59	7	8.12449E-05	3.25535E-05	-5.23112E-10
Hsp	W09	5 OAT	59	7	6.86843E-05	3.13796E-05	-6.23597E-10
Hsp	W10	5 OAT	59	7	4.8942E-05	3.24965E-05	-4.58093E-10
Hsp	W11	5 OAT	59	7	2.94361E-05	3.70035E-05	-2.63034E-10
Hsp	W12	5 OAT	59	7	3.37806E-05	3.97246E-05	-7.56592E-10
Hsp	W13	5 OAT	59	7	3.61154E-05	3.2884E-05	-3.28053E-10
Hsp	W14	5 OAT	59	7	2.52394E-05	3.52548E-05	-2.63034E-10
Hsp	W15	5 OAT	59	7	3.29531E-05	2.03618E-05	-3.25098E-11
Hsp	W16	5 OAT	59	7	1.63731E-05	4.81656E-05	-9.8416E-10
Eun	W01	75 OAT	55	3	0.000159153	2.28181E-05	2.37673E-08
Eun	W02	75 OAT	55	3	7.96226E-05	1.82945E-05	-1.22591E-09
Eun	W03	75 OAT	55	3	0.000124491	1.88256E-05	-2.96363E-09
Eun	W04	75 OAT	55	3	0.000112079	1.60867E-05	3.33753E-09
Eun	W05	75 OAT	55	3	9.26785E-05	1.56671E-05	-5.79241E-10
Eun	W06	75 OAT	55	3	9.04106E-05	1.16293E-05	8.61506E-09
Eun	W07	75 OAT	55	3	7.64046E-05	9.45511E-06	1.05428E-09
Eun	W08	75 OAT	55	3	7.32479E-05	1.00846E-05	-2.14534E-09
Eun	W09	75 OAT	55	3	6.9938E-05	1.05744E-05	-2.17905E-09
Eun	W10	75 OAT	55	3	6.19083E-05	1.13752E-05	-6.12953E-10
Eun	W11	75 OAT	55	3	7.27269E-05	1.86316E-05	-2.28325E-09
Eun	W12	75 OAT	55	3	7.9592E-05	1.87769E-05	-6.12953E-10
Eun	W13	75 OAT	55	3	7.58223E-05	1.53922E-05	-6.46666E-10
Eun	W14	75 OAT	55	3	5.34189E-05	1.61731E-05	-1.36076E-09
Eun	W15	75 OAT	55	3	3.23026E-05	6.79581E-06	-3.06477E-10
Eun	W16	75 OAT	55	3	5.0538E-05	2.44933E-05	-2.69086E-09
Eun	W01	75 OAT	55	7	0.000323425	4.85864E-05	5.54386E-08
Eun	W02	75 OAT	55	7	0.000167704	3.86378E-05	-3.03105E-09
Eun	W03	75 OAT	55	7	0.000260689	4.03146E-05	-5.17639E-09
Eun	W04	75 OAT	55	7	0.000222778	3.39343E-05	3.9842E-09
Eun	W05	75 OAT	55	7	0.000202642	3.38405E-05	-2.01049E-09
Eun	W06	75 OAT	55	7	0.00020157	2.50021E-05	1.76377E-08
Eun	W07	75 OAT	55	7	0.000168807	2.04129E-05	1.25962E-09
Eun	W08	75 OAT	55	7	0.000163413	2.19566E-05	-5.10897E-09
Eun	W09	75 OAT	55	7	0.000152748	2.31071E-05	-5.13961E-09

SAT Reset db

Eun	W10	75 OAT	55	7	0.000131816	2.46285E-05	-1.80515E-09
Eun	W11	75 OAT	55	7	0.000136934	4.00182E-05	-5.41544E-09
Eun	W12	75 OAT	55	7	0.000158663	4.0329E-05	-1.39753E-09
Eun	W13	75 OAT	55	7	0.000151001	3.29104E-05	-1.63352E-09
Eun	W14	75 OAT	55	7	0.000103221	3.42098E-05	-3.57352E-09
Eun	W15	75 OAT	55	7	7.19607E-05	1.4637E-05	-6.12953E-10
Eun	W16	75 OAT	55	7	9.12687E-05	5.1683E-05	-7.08268E-09
Eun	W01	75 OAT	59	3	9.49465E-05	1.819E-05	1.56671E-08
Eun	W02	75 OAT	59	3	5.19784E-05	1.41442E-05	-2.62038E-09
Eun	W03	75 OAT	59	3	8.7591E-05	1.49702E-05	-5.72192E-09
Eun	W04	75 OAT	59	3	6.92331E-05	1.23185E-05	-3.67772E-09
Eun	W05	75 OAT	59	3	6.18163E-05	1.26688E-05	-4.86991E-09
Eun	W06	75 OAT	59	3	7.07042E-05	9.11891E-06	-7.14091E-10
Eun	W07	75 OAT	59	3	5.99162E-05	7.50592E-06	-3.1659E-09
Eun	W08	75 OAT	59	3	5.78934E-05	8.17067E-06	-3.74514E-09
Eun	W09	75 OAT	59	3	5.10284E-05	8.41554E-06	-4.3581E-09
Eun	W10	75 OAT	59	3	4.58489E-05	9.16059E-06	-1.12477E-09
Eun	W11	75 OAT	59	3	3.90145E-05	1.50713E-05	-3.88306E-09
Eun	W12	75 OAT	59	3	4.79023E-05	1.51642E-05	-1.6703E-09
Eun	W13	75 OAT	59	3	4.66457E-05	1.22165E-05	-1.53238E-09
Eun	W14	75 OAT	59	3	3.23639E-05	1.27516E-05	-1.97371E-09
Eun	W15	75 OAT	59	3	2.5744E-05	5.34679E-06	-3.73902E-10
Eun	W16	75 OAT	59	3	2.6357E-05	1.94931E-05	-7.2543E-09
Eun	W01	75 OAT	59	7	0.000149499	3.55709E-05	1.6041E-08
Eun	W02	75 OAT	59	7	7.93468E-05	2.81965E-05	-4.49295E-09
Eun	W03	75 OAT	59	7	0.000172822	2.99878E-05	-9.36593E-09
Eun	W04	75 OAT	59	7	0.000129977	2.48228E-05	-5.31124E-09
Eun	W05	75 OAT	59	7	0.000114898	2.63561E-05	-1.29394E-08
Eun	W06	75 OAT	59	7	0.000135984	1.92921E-05	-5.68821E-09
Eun	W07	75 OAT	59	7	0.000134605	1.60088E-05	-8.92153E-09
Eun	W08	75 OAT	59	7	0.000115021	1.70438E-05	-8.61506E-09
Eun	W09	75 OAT	59	7	9.98501E-05	1.81158E-05	-9.87468E-09
Eun	W10	75 OAT	59	7	8.77749E-05	1.89639E-05	-2.96363E-09
Eun	W11	75 OAT	59	7	8.34842E-05	3.002E-05	-9.63869E-09
Eun	W12	75 OAT	59	7	9.31689E-05	3.03651E-05	-1.70401E-09
Eun	W13	75 OAT	59	7	9.71837E-05	2.43419E-05	-4.12211E-09
Eun	W14	75 OAT	59	7	6.21841E-05	2.49055E-05	-4.76571E-09
Eun	W15	75 OAT	59	7	5.42464E-05	1.12146E-05	-7.50868E-10
Eun	W16	75 OAT	59	7	3.08009E-05	3.77637E-05	-1.65497E-08
Eun	W01	85 OAT	55	3	7.96533E-05	4.52114E-06	1.1545E-08
Eun	W02	85 OAT	55	3	4.08533E-05	3.99186E-06	-8.15228E-10
Eun	W03	85 OAT	55	3	6.43601E-05	4.22202E-06	-2.75829E-09
Eun	W04	85 OAT	55	3	4.50521E-05	3.40833E-06	-1.46496E-09
Eun	W05	85 OAT	55	3	4.13437E-05	3.16468E-06	-4.29067E-09
Eun	W06	85 OAT	55	3	3.72369E-05	2.48185E-06	-3.37124E-09
Eun	W07	85 OAT	55	3	2.74603E-05	1.94674E-06	-2.28019E-09
Eun	W08	85 OAT	55	3	3.23026E-05	2.25414E-06	-1.32704E-09
Eun	W09	85 OAT	55	3	3.16284E-05	2.40308E-06	-1.49867E-09
Eun	W10	85 OAT	55	3	2.86862E-05	2.68872E-06	-7.50868E-10
Eun	W11	85 OAT	55	3	3.54287E-05	5.09824E-06	-1.39753E-09
Eun	W12	85 OAT	55	3	4.03323E-05	4.94316E-06	1.01137E-10
Eun	W13	85 OAT	55	3	3.77579E-05	3.8895E-06	-6.12953E-10
Eun	W14	85 OAT	55	3	2.21276E-05	3.73043E-06	-6.46666E-10
Eun	W15	85 OAT	55	3	1.47722E-05	1.84539E-06	-6.74249E-11
Eun	W16	85 OAT	55	3	1.90628E-05	5.05227E-06	-2.82571E-09
Eun	W01	85 OAT	55	7	0.000155568	8.4986E-06	2.98999E-08
Eun	W02	85 OAT	55	7	7.60981E-05	7.9212E-06	-2.792E-09
Eun	W03	85 OAT	55	7	0.000130038	8.23809E-06	-6.672E-09
Eun	W04	85 OAT	55	7	9.05332E-05	6.44827E-06	-4.90363E-09
Eun	W05	85 OAT	55	7	8.83572E-05	6.29135E-06	-9.46706E-09
Eun	W06	85 OAT	55	7	8.93992E-05	5.04706E-06	-8.17373E-09



SAT Reset db

Eun	W07	85 OAT	55	7	6.62602E-05	3.84628E-06	-5.65143E-09
Eun	W08	85 OAT	55	7	7.0367E-05	4.61401E-06	-3.03105E-09
Eun	W09	85 OAT	55	7	7.1501E-05	4.90853E-06	-3.47238E-09
Eun	W10	85 OAT	55	7	5.93645E-05	5.42096E-06	-3.43254E-10
Eun	W11	85 OAT	55	7	6.54021E-05	1.01125E-05	-3.23639E-09
Eun	W12	85 OAT	55	7	7.46884E-05	9.88571E-06	2.72764E-10
Eun	W13	85 OAT	55	7	7.10106E-05	8.02448E-06	-1.60287E-09
Eun	W14	85 OAT	55	7	4.08533E-05	7.50531E-06	-1.46496E-09
Eun	W15	85 OAT	55	7	3.13526E-05	3.94003E-06	-1.68562E-10
Eun	W16	85 OAT	55	7	3.74208E-05	9.99543E-06	-6.57392E-09
Eun	W01	85 OAT	59	3	3.0709E-05	2.41933E-06	6.94476E-09
Eun	W02	85 OAT	59	3	1.40979E-05	2.22839E-06	-8.15228E-10
Eun	W03	85 OAT	59	3	3.23639E-05	2.31696E-06	-3.20268E-09
Eun	W04	85 OAT	59	3	2.16373E-05	1.83273E-06	-3.67772E-09
Eun	W05	85 OAT	59	3	2.08711E-05	1.63321E-06	-5.04154E-09
Eun	W06	85 OAT	59	3	2.34761E-05	1.19403E-06	-5.72192E-09
Eun	W07	85 OAT	59	3	2.17905E-05	1.19986E-06	-4.05162E-09
Eun	W08	85 OAT	59	3	1.73466E-05	1.28169E-06	-1.43125E-09
Eun	W09	85 OAT	59	3	1.90628E-05	1.35279E-06	-1.59981E-09
Eun	W10	85 OAT	59	3	1.67949E-05	1.64302E-06	-7.14091E-10
Eun	W11	85 OAT	59	3	1.37302E-05	3.30259E-06	-1.53238E-09
Eun	W12	85 OAT	59	3	1.34237E-05	2.94432E-06	-1.19219E-09
Eun	W13	85 OAT	59	3	1.79289E-05	2.57961E-06	-7.50868E-10
Eun	W14	85 OAT	59	3	7.44738E-06	2.44599E-06	-6.80378E-10
Eun	W15	85 OAT	59	3	8.73458E-06	1.08241E-06	-6.74249E-11
Eun	W16	85 OAT	59	3	5.2714E-06	3.40097E-06	-2.99734E-09
Eun	W01	85 OAT	59	7	2.46714E-05	4.3155E-06	-7.76612E-09
Eun	W02	85 OAT	59	7	1.18913E-05	4.26248E-06	-2.24647E-09
Eun	W03	85 OAT	59	7	4.96186E-05	4.28148E-06	-7.72934E-09
Eun	W04	85 OAT	59	7	2.64183E-05	3.39883E-06	-9.26479E-09
Eun	W05	85 OAT	59	7	2.56521E-05	3.48587E-06	-1.19526E-08
Eun	W06	85 OAT	59	7	4.18341E-05	2.65868E-06	-1.49499E-08
Eun	W07	85 OAT	59	7	4.48069E-05	2.41687E-06	-1.02486E-08
Eun	W08	85 OAT	59	7	3.18736E-05	2.64459E-06	-3.37124E-09
Eun	W09	85 OAT	59	7	3.30382E-05	2.86586E-06	-3.84628E-09
Eun	W10	85 OAT	59	7	2.08404E-05	2.95934E-06	-2.04113E-09
Eun	W11	85 OAT	59	7	1.21058E-05	6.19604E-06	-3.50609E-09
Eun	W12	85 OAT	59	7	1.55384E-05	5.49359E-06	-2.75829E-09
Eun	W13	85 OAT	59	7	2.46714E-05	4.72648E-06	-1.73772E-09
Eun	W14	85 OAT	59	7	2.88088E-06	4.61768E-06	-1.53238E-09
Eun	W15	85 OAT	59	7	1.84499E-05	2.27026E-06	-1.3485E-10
Eun	W16	85 OAT	59	7	-7.81515E-06	6.63798E-06	-6.63828E-09
Eun	W01	96 OAT	55	3	6.80072E-05	3.27133E-06	1.31111E-08
Eun	W02	96 OAT	55	3	3.23946E-05	3.12208E-06	-1.29333E-09
Eun	W03	96 OAT	55	3	5.50432E-05	3.45859E-06	-2.4181E-09
Eun	W04	96 OAT	55	3	3.90145E-05	2.93819E-06	-1.29333E-09
Eun	W05	96 OAT	55	3	3.76047E-05	2.47909E-06	-3.81563E-09
Eun	W06	96 OAT	55	3	3.92903E-05	1.75397E-06	-2.792E-09
Eun	W07	96 OAT	55	3	2.81959E-05	1.41684E-06	-1.59981E-09
Eun	W08	96 OAT	55	3	3.02492E-05	1.69298E-06	-1.1217E-09
Eun	W09	96 OAT	55	3	3.123E-05	1.7558E-06	-1.32704E-09
Eun	W10	96 OAT	55	3	2.42117E-05	2.03286E-06	-6.46666E-10
Eun	W11	96 OAT	55	3	2.97282E-05	3.86253E-06	-1.05428E-09
Eun	W12	96 OAT	55	3	3.45706E-05	3.86682E-06	0
Eun	W13	96 OAT	55	3	3.3314E-05	3.42978E-06	-4.75039E-10
Eun	W14	96 OAT	55	3	1.98903E-05	3.07917E-06	-5.11816E-10
Eun	W15	96 OAT	55	3	1.27188E-05	1.41822E-06	-3.37124E-11
Eun	W16	96 OAT	55	3	1.88483E-05	3.587E-06	-2.21276E-09
Eun	W01	96 OAT	55	7	0.000122958	6.22669E-06	2.66635E-08
Eun	W02	96 OAT	55	7	5.93952E-05	5.81754E-06	-2.4181E-09
Eun	W03	96 OAT	55	7	0.000110424	6.58741E-06	-5.55029E-09

SAT Reset db

Eun	W04	96 OAT	55	7	7.46577E-05	5.49329E-06	-3.67772E-09
Eun	W05	96 OAT	55	7	7.86726E-05	4.78502E-06	-8.34229E-09
Eun	W06	96 OAT	55	7	8.57828E-05	3.63726E-06	-7.08268E-09
Eun	W07	96 OAT	55	7	6.27358E-05	2.7601E-06	-3.9842E-09
Eun	W08	96 OAT	55	7	6.54941E-05	3.58945E-06	-2.51924E-09
Eun	W09	96 OAT	55	7	6.59231E-05	3.64646E-06	-3.1659E-09
Eun	W10	96 OAT	55	7	4.94653E-05	4.15828E-06	-1.36382E-09
Eun	W11	96 OAT	55	7	5.22543E-05	7.86909E-06	-2.4181E-09
Eun	W12	96 OAT	55	7	6.12953E-05	7.50623E-06	-1.05734E-09
Eun	W13	96 OAT	55	7	5.86596E-05	6.72808E-06	-1.19219E-09
Eun	W14	96 OAT	55	7	3.50916E-05	6.26775E-06	-1.15848E-09
Eun	W15	96 OAT	55	7	2.5836E-05	2.86926E-06	-1.01137E-10
Eun	W16	96 OAT	55	7	3.12606E-05	7.28372E-06	-4.732E-09
Eun	W01	96 OAT	59	3	2.14534E-05	1.89862E-06	4.56344E-09
Eun	W02	96 OAT	59	3	9.28624E-06	1.66172E-06	-1.2964E-09
Eun	W03	96 OAT	59	3	2.65715E-05	1.86185E-06	-3.03105E-09
Eun	W04	96 OAT	59	3	1.63965E-05	1.51859E-06	-3.64401E-09
Eun	W05	96 OAT	59	3	1.51399E-05	1.35217E-06	-4.39488E-09
Eun	W06	96 OAT	59	3	2.02888E-05	9.75515E-07	-5.75257E-09
Eun	W07	96 OAT	59	3	1.78676E-05	8.54304E-07	-3.60723E-09
Eun	W08	96 OAT	59	3	1.56303E-05	1.06691E-06	-1.18913E-09
Eun	W09	96 OAT	59	3	1.53238E-05	1.03804E-06	-1.36382E-09
Eun	W10	96 OAT	59	3	9.40883E-06	1.18239E-06	-8.52005E-10
Eun	W11	96 OAT	59	3	8.79588E-06	2.37305E-06	-1.15542E-09
Eun	W12	96 OAT	59	3	1.20445E-05	2.27896E-06	-4.41326E-10
Eun	W13	96 OAT	59	3	1.23204E-05	1.96942E-06	-5.45528E-10
Eun	W14	96 OAT	59	3	6.43601E-06	1.95072E-06	-5.79241E-10
Eun	W15	96 OAT	59	3	6.16018E-06	8.6169E-07	-3.37124E-11
Eun	W16	96 OAT	59	3	5.82306E-06	2.54529E-06	-2.04113E-09
Eun	W01	96 OAT	59	7	1.29946E-05	3.44296E-06	-1.15787E-08
Eun	W02	96 OAT	59	7	2.42117E-06	3.17387E-06	-2.75829E-09
Eun	W03	96 OAT	59	7	3.40496E-05	3.41139E-06	-8.07259E-09
Eun	W04	96 OAT	59	7	1.64271E-05	2.72121E-06	-9.26479E-09
Eun	W05	96 OAT	59	7	1.25349E-05	2.73929E-06	-1.03528E-08
Eun	W06	96 OAT	59	7	2.28938E-05	1.80974E-06	-1.74692E-08
Eun	W07	96 OAT	59	7	3.31301E-05	1.64471E-06	-9.70305E-09
Eun	W08	96 OAT	59	7	2.1576E-05	1.96332E-06	-2.96056E-09
Eun	W09	96 OAT	59	7	2.43955E-05	2.12817E-06	-3.27011E-09
Eun	W10	96 OAT	59	7	7.99904E-06	2.20449E-06	-2.11162E-09
Eun	W11	96 OAT	59	7	7.78451E-06	4.70196E-06	-2.82571E-09
Eun	W12	96 OAT	59	7	1.21365E-05	4.43135E-06	-1.46496E-09
Eun	W13	96 OAT	59	7	1.40979E-05	3.68814E-06	-1.25962E-09
Eun	W14	96 OAT	59	7	2.51311E-06	3.8757E-06	-1.39447E-09
Eun	W15	96 OAT	59	7	7.44738E-06	1.68271E-06	-1.04202E-10
Eun	W16	96 OAT	59	7	5.51658E-07	5.06637E-06	-4.66457E-09
Eun	W01	3 OAT	55	3	4.15276E-05	1.67275E-06	1.03497E-08
Eun	W02	3 OAT	55	3	1.69482E-05	1.16829E-06	-1.29333E-09
Eun	W03	3 OAT	55	3	3.20881E-05	2.27559E-06	-2.17905E-09
Eun	W04	3 OAT	55	3	2.29245E-05	1.85694E-06	-1.53238E-09
Eun	W05	3 OAT	55	3	2.47633E-05	1.78982E-06	-3.33753E-09
Eun	W06	3 OAT	55	3	2.25567E-05	1.54372E-06	-3.81257E-09
Eun	W07	3 OAT	55	3	1.71014E-05	1.21003E-06	-2.17905E-09
Eun	W08	3 OAT	55	3	1.82967E-05	1.37562E-06	-9.53142E-10
Eun	W09	3 OAT	55	3	2.18518E-05	1.71504E-06	-1.25962E-09
Eun	W10	3 OAT	55	3	1.36689E-05	8.57706E-07	-5.79241E-10
Eun	W11	3 OAT	55	3	1.55997E-05	1.69022E-06	-8.52005E-10
Eun	W12	3 OAT	55	3	1.69482E-05	1.60103E-06	-6.12953E-10
Eun	W13	3 OAT	55	3	1.61513E-05	1.40366E-06	-2.72764E-10
Eun	W14	3 OAT	55	3	9.16365E-06	1.4435E-06	-4.07614E-10
Eun	W15	3 OAT	55	3	5.8537E-06	6.2984E-07	-3.37124E-11
Eun	W16	3 OAT	55	3	1.09719E-05	2.30808E-06	-1.83886E-09

SAT Reset db

Eun	W01	3 OAT	55	7	6.9325E-05	3.04055E-06	1.62065E-08
Eun	W02	3 OAT	55	7	2.48246E-05	2.3565E-06	-2.89314E-09
Eun	W03	3 OAT	55	7	6.22454E-05	4.33419E-06	-5.03848E-09
Eun	W04	3 OAT	55	7	4.13437E-05	3.50579E-06	-4.25696E-09
Eun	W05	3 OAT	55	7	4.49601E-05	3.43131E-06	-8.06953E-09
Eun	W06	3 OAT	55	7	4.7841E-05	3.14896E-06	-9.60191E-09
Eun	W07	3 OAT	55	7	3.65627E-05	2.43186E-06	-5.14268E-09
Eun	W08	3 OAT	55	7	3.46012E-05	2.83604E-06	-2.17905E-09
Eun	W09	3 OAT	55	7	4.03323E-05	3.34378E-06	-2.82571E-09
Eun	W10	3 OAT	55	7	2.19744E-05	1.74655E-06	-1.39447E-09
Eun	W11	3 OAT	55	7	2.29551E-05	3.29891E-06	-1.87257E-09
Eun	W12	3 OAT	55	7	2.7491E-05	3.14261E-06	-1.63352E-09
Eun	W13	3 OAT	55	7	2.55602E-05	2.60474E-06	-6.83443E-10
Eun	W14	3 OAT	55	7	1.26881E-05	2.83828E-06	-9.53142E-10
Eun	W15	3 OAT	55	7	1.20445E-05	1.27439E-06	-6.74249E-11
Eun	W16	3 OAT	55	7	1.6611E-05	4.73844E-06	-3.84628E-09
Eun	W01	3 OAT	59	3	5.73111E-06	7.47497E-07	-1.39753E-09
Eun	W02	3 OAT	59	3	-7.35544E-07	7.05203E-07	-1.59981E-09
Eun	W03	3 OAT	59	3	1.05734E-05	1.08891E-06	-3.13219E-09
Eun	W04	3 OAT	59	3	3.86161E-06	8.83879E-07	-3.78192E-09
Eun	W05	3 OAT	59	3	4.59715E-06	9.52223E-07	-4.15276E-09
Eun	W06	3 OAT	59	3	8.97977E-06	8.5271E-07	-7.01525E-09
Eun	W07	3 OAT	59	3	8.09098E-06	7.28158E-07	-4.08533E-09
Eun	W08	3 OAT	59	3	5.42464E-06	7.7416E-07	-1.15848E-09
Eun	W09	3 OAT	59	3	5.76176E-06	9.05577E-07	-1.2964E-09
Eun	W10	3 OAT	59	3	-5.2101E-07	4.64649E-07	-7.17155E-10
Eun	W11	3 OAT	59	3	-7.66192E-07	9.34754E-07	-1.08799E-09
Eun	W12	3 OAT	59	3	9.50078E-07	8.90928E-07	-6.80378E-10
Eun	W13	3 OAT	59	3	9.50078E-07	7.06429E-07	-4.78104E-10
Eun	W14	3 OAT	59	3	-2.6357E-06	8.72539E-07	-4.75039E-10
Eun	W15	3 OAT	59	3	-4.59715E-07	2.14656E-07	-6.74249E-11
Eun	W16	3 OAT	59	3	-8.88782E-07	1.59337E-06	-1.83886E-09
Eun	W01	3 OAT	59	7	-2.38745E-05	1.41347E-06	-2.28846E-08
Eun	W02	3 OAT	59	7	-2.10549E-05	1.3013E-06	-3.71143E-09
Eun	W03	3 OAT	59	7	1.16461E-06	1.96574E-06	-7.86726E-09
Eun	W04	3 OAT	59	7	-1.08493E-05	1.62984E-06	-9.70612E-09
Eun	W05	3 OAT	59	7	-1.15848E-05	1.88912E-06	-1.00432E-08
Eun	W06	3 OAT	59	7	2.5744E-06	1.42432E-06	-1.81158E-08
Eun	W07	3 OAT	59	7	6.58925E-06	1.36244E-06	-1.07267E-08
Eun	W08	3 OAT	59	7	-1.47109E-06	1.4573E-06	-2.75829E-09
Eun	W09	3 OAT	59	7	2.29857E-06	1.76371E-06	-3.03105E-09
Eun	W10	3 OAT	59	7	-1.64271E-05	8.61904E-07	-1.80515E-09
Eun	W11	3 OAT	59	7	-1.61513E-05	1.76285E-06	-2.48553E-09
Eun	W12	3 OAT	59	7	-1.54771E-05	1.60226E-06	-1.63352E-09
Eun	W13	3 OAT	59	7	-1.06041E-05	1.25778E-06	-1.22591E-09
Eun	W14	3 OAT	59	7	-1.86031E-05	1.70309E-06	-1.05428E-09
Eun	W15	3 OAT	59	7	-7.8458E-06	4.02343E-07	-1.01137E-10
Eun	W16	3 OAT	59	7	-1.4435E-05	3.02063E-06	-4.29067E-09
Eun	W01	5 OAT	55	3	4.34277E-05	1.73098E-06	1.02149E-08
Eun	W02	5 OAT	55	3	1.86951E-05	1.06255E-06	-1.15848E-09
Eun	W03	5 OAT	55	3	3.60723E-05	2.36355E-06	-2.07791E-09
Eun	W04	5 OAT	55	3	2.64489E-05	1.91885E-06	-1.46496E-09
Eun	W05	5 OAT	55	3	2.77668E-05	1.80208E-06	-3.13219E-09
Eun	W06	5 OAT	55	3	2.66328E-05	1.46526E-06	-3.19962E-09
Eun	W07	5 OAT	55	3	2.16373E-05	1.20019E-06	-1.87564E-09
Eun	W08	5 OAT	55	3	2.15453E-05	1.36275E-06	-1.02057E-09
Eun	W09	5 OAT	55	3	2.16679E-05	1.54617E-06	-1.22591E-09
Eun	W10	5 OAT	55	3	1.51706E-05	8.16147E-07	-6.12953E-10
Eun	W11	5 OAT	55	3	1.76531E-05	1.822E-06	-8.18293E-10
Eun	W12	5 OAT	55	3	1.97984E-05	1.66264E-06	-6.12953E-10
Eun	W13	5 OAT	55	3	1.71014E-05	1.38711E-06	-4.07614E-10

SAT Reset db

Eun	W14	5 OAT	55	3	1.05734E-05	1.45301E-06	-4.41326E-10
Eun	W15	5 OAT	55	3	6.43601E-06	6.03146E-07	-3.37124E-11
Eun	W16	5 OAT	55	3	1.13396E-05	2.22778E-06	-1.87564E-09
Eun	W01	5 OAT	55	7	7.44432E-05	3.13832E-06	1.63781E-08
Eun	W02	5 OAT	55	7	2.96976E-05	2.26241E-06	-2.82878E-09
Eun	W03	5 OAT	55	7	7.03057E-05	4.47057E-06	-3.61029E-09
Eun	W04	5 OAT	55	7	4.75958E-05	3.55666E-06	-4.05162E-09
Eun	W05	5 OAT	55	7	5.18252E-05	3.41507E-06	-7.69563E-09
Eun	W06	5 OAT	55	7	5.72498E-05	2.93693E-06	-7.90097E-09
Eun	W07	5 OAT	55	7	4.59408E-05	2.39888E-06	-4.66764E-09
Eun	W08	5 OAT	55	7	4.22938E-05	2.85796E-06	-2.24647E-09
Eun	W09	5 OAT	55	7	4.50521E-05	3.20084E-06	-2.792E-09
Eun	W10	5 OAT	55	7	2.73684E-05	1.6493E-06	-1.39753E-09
Eun	W11	5 OAT	55	7	2.81039E-05	3.44602E-06	-1.87257E-09
Eun	W12	5 OAT	55	7	3.28849E-05	3.21126E-06	-1.09106E-09
Eun	W13	5 OAT	55	7	2.90233E-05	2.61425E-06	-7.81515E-10
Eun	W14	5 OAT	55	7	1.63352E-05	2.90571E-06	-9.86855E-10
Eun	W15	5 OAT	55	7	1.34543E-05	1.13832E-06	-6.74249E-11
Eun	W16	5 OAT	55	7	1.75305E-05	4.68909E-06	-3.91677E-09
Eun	W01	5 OAT	59	3	6.86508E-06	7.5332E-07	-8.18293E-10
Eun	W02	5 OAT	59	3	1.3485E-06	6.87121E-07	-1.70401E-09
Eun	W03	5 OAT	59	3	1.32091E-05	1.15634E-06	-3.09848E-09
Eun	W04	5 OAT	59	3	5.8537E-06	8.41278E-07	-3.57658E-09
Eun	W05	5 OAT	59	3	6.03759E-06	9.61111E-07	-4.05162E-09
Eun	W06	5 OAT	59	3	1.1309E-05	7.75692E-07	-6.43601E-09
Eun	W07	5 OAT	59	3	1.08799E-05	6.15804E-07	-3.91677E-09
Eun	W08	5 OAT	59	3	7.60062E-06	7.31284E-07	-1.15848E-09
Eun	W09	5 OAT	59	3	8.79588E-06	9.0334E-07	-1.32704E-09
Eun	W10	5 OAT	59	3	1.86951E-06	4.61922E-07	-8.18293E-10
Eun	W11	5 OAT	59	3	1.25655E-06	9.73983E-07	-1.08799E-09
Eun	W12	5 OAT	59	3	1.9308E-06	8.79588E-07	-7.81515E-10
Eun	W13	5 OAT	59	3	2.20663E-06	7.02444E-07	-5.11816E-10
Eun	W14	5 OAT	59	3	-7.04896E-07	8.65797E-07	-4.78104E-10
Eun	W15	5 OAT	59	3	9.50078E-07	2.09507E-07	-6.74249E-11
Eun	W16	5 OAT	59	3	-5.2101E-07	1.5851E-06	-1.87257E-09
Eun	W01	5 OAT	59	7	-1.73466E-05	1.41684E-06	-2.09078E-08
Eun	W02	5 OAT	59	7	-1.63965E-05	1.33777E-06	-3.88306E-09
Eun	W03	5 OAT	59	7	6.22148E-06	2.06044E-06	-9.39964E-09
Eun	W04	5 OAT	59	7	-3.89225E-06	1.66202E-06	-9.1943E-09
Eun	W05	5 OAT	59	7	-6.68119E-06	1.91946E-06	-9.80725E-09
Eun	W06	5 OAT	59	7	7.78451E-06	1.37127E-06	-1.67551E-08
Eun	W07	5 OAT	59	7	1.33624E-05	1.24917E-06	-1.02149E-08
Eun	W08	5 OAT	59	7	3.58578E-06	1.36652E-06	-2.792E-09
Eun	W09	5 OAT	59	7	6.89572E-06	1.78281E-06	-3.09848E-09
Eun	W10	5 OAT	59	7	-1.11864E-05	8.85472E-07	-1.83886E-09
Eun	W11	5 OAT	59	7	-1.1217E-05	1.84346E-06	-2.48553E-09
Eun	W12	5 OAT	59	7	-1.11864E-05	1.63597E-06	-1.80515E-09
Eun	W13	5 OAT	59	7	-6.68119E-06	1.28935E-06	-1.2964E-09
Eun	W14	5 OAT	59	7	-1.40673E-05	1.7175E-06	-1.09106E-09
Eun	W15	5 OAT	59	7	-3.76966E-06	4.08809E-07	-1.01137E-10
Eun	W16	5 OAT	59	7	-1.17381E-05	2.99704E-06	-4.3581E-09
Htl	W01	75 OAT	55	3	9.97701E-05	2.00744E-05	9.94614E-09
Htl	W02	75 OAT	55	3	7.52597E-05	1.94632E-05	-1.69782E-09
Htl	W03	75 OAT	55	3	0.000123848	1.78395E-05	1.03104E-09
Htl	W04	75 OAT	55	3	0.000103444	1.81358E-05	-2.74738E-09
Htl	W05	75 OAT	55	3	0.000102271	1.82469E-05	-2.40164E-09
Htl	W06	75 OAT	55	3	0.000127398	1.42555E-05	-1.3706E-09
Htl	W07	75 OAT	55	3	0.000116625	1.40518E-05	-2.05899E-09
Htl	W08	75 OAT	55	3	0.000109401	1.40826E-05	-1.69782E-09
Htl	W09	75 OAT	55	3	0.000106129	1.41691E-05	-1.35826E-09
Htl	W10	75 OAT	55	3	7.47658E-05	1.48513E-05	-1.72869E-09

SAT Reset db

Htl	W11	75 OAT	55	3	7.14628E-05	1.87408E-05	-1.04956E-09
Htl	W12	75 OAT	55	3	7.8038E-05	1.98521E-05	-2.71651E-09
Htl	W13	75 OAT	55	3	6.78819E-05	1.66942E-05	-1.01869E-09
Htl	W14	75 OAT	55	3	5.0132E-05	1.78117E-05	-6.79128E-10
Htl	W15	75 OAT	55	3	4.97616E-05	1.00665E-05	-4.10564E-09
Htl	W16	75 OAT	55	3	3.64568E-05	2.34114E-05	-3.08695E-09
Htl	W01	75 OAT	55	7	0.000245011	4.54151E-05	4.69895E-08
Htl	W02	75 OAT	55	7	0.000193305	4.38562E-05	-5.1552E-09
Htl	W03	75 OAT	55	7	0.00032913	4.14484E-05	-6.85302E-10
Htl	W04	75 OAT	55	7	0.000256587	4.09916E-05	-7.90258E-09
Htl	W05	75 OAT	55	7	0.000281838	4.14885E-05	-2.74429E-09
Htl	W06	75 OAT	55	7	0.000336631	3.41756E-05	0
Htl	W07	75 OAT	55	7	0.000294958	3.23759E-05	-4.80329E-09
Htl	W08	75 OAT	55	7	0.000295482	3.32927E-05	-4.10564E-09
Htl	W09	75 OAT	55	7	0.000268626	3.32217E-05	-4.10564E-09
Htl	W10	75 OAT	55	7	0.000197626	3.34748E-05	-4.47607E-09
Htl	W11	75 OAT	55	7	0.000155891	4.16213E-05	-2.06825E-09
Htl	W12	75 OAT	55	7	0.000185896	4.40661E-05	-6.85302E-09
Htl	W13	75 OAT	55	7	0.000157743	3.69816E-05	-2.40782E-09
Htl	W14	75 OAT	55	7	0.000115822	3.95746E-05	-2.03738E-09
Htl	W15	75 OAT	55	7	0.000126873	2.18864E-05	-4.10564E-09
Htl	W16	75 OAT	55	7	8.68049E-05	5.10951E-05	-8.24214E-09
Htl	W01	75 OAT	59	3	4.7755E-05	1.8321E-05	9.94614E-09
Htl	W02	75 OAT	59	3	4.64894E-05	1.78703E-05	-2.74738E-09
Htl	W03	75 OAT	59	3	7.28519E-05	1.73733E-05	-4.11799E-09
Htl	W04	75 OAT	59	3	6.01954E-05	1.7327E-05	-4.10564E-09
Htl	W05	75 OAT	59	3	6.89932E-05	1.68331E-05	-3.77225E-09
Htl	W06	75 OAT	59	3	9.30405E-05	1.40919E-05	4.11799E-09
Htl	W07	75 OAT	59	3	9.33801E-05	1.41351E-05	4.1149E-09
Htl	W08	75 OAT	59	3	8.5848E-05	1.43358E-05	1.01869E-09
Htl	W09	75 OAT	59	3	8.80397E-05	1.3987E-05	-1.35826E-09
Htl	W10	75 OAT	59	3	6.2202E-05	1.39653E-05	-2.06825E-09
Htl	W11	75 OAT	59	3	5.0595E-05	1.74937E-05	-1.04956E-09
Htl	W12	75 OAT	59	3	5.03172E-05	1.83025E-05	-2.74738E-09
Htl	W13	75 OAT	59	3	4.80637E-05	1.52094E-05	-1.01869E-09
Htl	W14	75 OAT	59	3	3.82781E-05	1.62373E-05	2.03738E-09
Htl	W15	75 OAT	59	3	4.6582E-05	9.18058E-06	-3.70433E-10
Htl	W16	75 OAT	59	3	2.84616E-05	2.04757E-05	4.10564E-09
Htl	W01	75 OAT	59	7	9.96775E-05	3.97815E-05	9.94614E-09
Htl	W02	75 OAT	59	7	0.000102764	3.93215E-05	-6.17389E-09
Htl	W03	75 OAT	59	7	0.000166942	3.91733E-05	-6.86228E-09
Htl	W04	75 OAT	59	7	0.000153174	3.92289E-05	-1.09587E-08
Htl	W05	75 OAT	59	7	0.000149161	3.76731E-05	-1.02888E-08
Htl	W06	75 OAT	59	7	0.000227323	3.40336E-05	3.42651E-10
Htl	W07	75 OAT	59	7	0.000241214	3.38823E-05	3.42651E-10
Htl	W08	75 OAT	59	7	0.000230904	3.38576E-05	1.72869E-09
Htl	W09	75 OAT	59	7	0.000232972	3.27895E-05	-6.79128E-10
Htl	W10	75 OAT	59	7	0.000185124	3.31507E-05	-2.40782E-09
Htl	W11	75 OAT	59	7	0.000120545	3.87072E-05	2.03738E-09
Htl	W12	75 OAT	59	7	0.000132677	4.13496E-05	-4.13651E-09
Htl	W13	75 OAT	59	7	0.000138141	3.49597E-05	1.04956E-09
Htl	W14	75 OAT	59	7	0.000101499	3.56141E-05	-1.04956E-09
Htl	W15	75 OAT	59	7	0.000134714	2.16271E-05	-3.70433E-10
Htl	W16	75 OAT	59	7	6.30354E-05	4.21245E-05	-2.06825E-09
Htl	W01	85 OAT	55	3	4.29394E-05	4.16738E-06	2.40164E-09
Htl	W02	85 OAT	55	3	7.5445E-05	6.60915E-06	-1.35826E-09
Htl	W03	85 OAT	55	3	6.94871E-05	5.61824E-06	-2.74429E-09
Htl	W04	85 OAT	55	3	7.71119E-05	6.20476E-06	-2.74738E-09
Htl	W05	85 OAT	55	3	6.00411E-05	5.30337E-06	-2.05899E-09
Htl	W06	85 OAT	55	3	2.4603E-05	5.00394E-06	-1.71634E-09
Htl	W07	85 OAT	55	3	7.21419E-05	5.70468E-06	1.71325E-09



SAT Reset db

Htl	W08	85 OAT	55	3	4.37729E-05	5.12742E-06	-1.01869E-09
Htl	W09	85 OAT	55	3	6.74189E-05	6.28193E-06	-1.35826E-09
Htl	W10	85 OAT	55	3	6.07202E-05	5.57194E-06	-1.01869E-09
Htl	W11	85 OAT	55	3	9.43988E-05	6.93945E-06	3.39564E-10
Htl	W12	85 OAT	55	3	6.50419E-05	7.85319E-06	1.38913E-09
Htl	W13	85 OAT	55	3	7.12467E-05	5.72628E-06	-6.79128E-10
Htl	W14	85 OAT	55	3	4.37112E-05	5.45463E-06	3.39564E-10
Htl	W15	85 OAT	55	3	6.10907E-05	3.87103E-06	0
Htl	W16	85 OAT	55	3	3.17955E-05	4.73846E-06	-2.05899E-09
Htl	W01	85 OAT	55	7	8.73914E-05	7.87789E-06	1.71634E-09
Htl	W02	85 OAT	55	7	0.000164843	1.33757E-05	-3.42651E-09
Htl	W03	85 OAT	55	7	0.000223094	1.17952E-05	-4.46064E-09
Htl	W04	85 OAT	55	7	0.000196978	1.41444E-05	-3.08695E-09
Htl	W05	85 OAT	55	7	0.000157002	1.08691E-05	-5.14594E-09
Htl	W06	85 OAT	55	7	0.000166849	1.09031E-05	-1.03104E-09
Htl	W07	85 OAT	55	7	0.00018568	1.28263E-05	-1.37369E-09
Htl	W08	85 OAT	55	7	0.000176141	1.2391E-05	-1.69782E-09
Htl	W09	85 OAT	55	7	0.000209141	1.43419E-05	-3.39564E-10
Htl	W10	85 OAT	55	7	0.000179259	1.28911E-05	-2.74738E-09
Htl	W11	85 OAT	55	7	0.000201547	1.47926E-05	6.85302E-09
Htl	W12	85 OAT	55	7	0.000180154	1.57064E-05	-1.69782E-09
Htl	W13	85 OAT	55	7	0.000174227	1.38727E-05	-1.01869E-09
Htl	W14	85 OAT	55	7	9.43371E-05	1.15236E-05	-1.01869E-09
Htl	W15	85 OAT	55	7	0.000115205	8.54158E-06	-3.39564E-10
Htl	W16	85 OAT	55	7	5.55342E-05	8.92745E-06	-5.48859E-09
Htl	W01	85 OAT	59	3	7.59389E-06	2.42017E-06	-3.4296E-09
Htl	W02	85 OAT	59	3	3.48516E-05	4.08094E-06	-1.69782E-09
Htl	W03	85 OAT	59	3	6.1955E-05	3.57468E-06	-3.4296E-09
Htl	W04	85 OAT	59	3	4.08094E-05	4.21677E-06	-2.37695E-09
Htl	W05	85 OAT	59	3	2.96347E-05	3.64877E-06	-3.77225E-09
Htl	W06	85 OAT	59	3	5.09655E-05	3.67964E-06	-3.4296E-09
Htl	W07	85 OAT	59	3	3.9019E-05	4.04081E-06	-2.74429E-09
Htl	W08	85 OAT	59	3	5.1552E-05	4.36494E-06	3.70433E-10
Htl	W09	85 OAT	59	3	5.08729E-05	4.51311E-06	-1.72869E-09
Htl	W10	85 OAT	59	3	3.6179E-05	4.41125E-06	-1.69782E-09
Htl	W11	85 OAT	59	3	5.02863E-05	4.84959E-06	2.40782E-09
Htl	W12	85 OAT	59	3	4.73229E-05	5.13668E-06	-2.03738E-09
Htl	W13	85 OAT	59	3	3.48516E-05	5.6522E-06	-7.09998E-10
Htl	W14	85 OAT	59	3	1.3953E-05	4.05625E-06	-6.79128E-10
Htl	W15	85 OAT	59	3	2.09295E-05	2.96038E-06	0
Htl	W16	85 OAT	59	3	6.45172E-06	2.29051E-06	-2.06825E-09
Htl	W01	85 OAT	59	7	-2.00651E-06	4.28777E-06	-4.11799E-09
Htl	W02	85 OAT	59	7	5.09655E-05	7.47658E-06	-4.4452E-09
Htl	W03	85 OAT	59	7	8.91201E-05	6.47641E-06	-2.74429E-09
Htl	W04	85 OAT	59	7	6.57519E-05	7.36854E-06	-3.39564E-10
Htl	W05	85 OAT	59	7	4.20751E-05	6.77276E-06	-8.2298E-09
Htl	W06	85 OAT	59	7	8.55084E-05	7.06293E-06	-9.60349E-09
Htl	W07	85 OAT	59	7	8.18658E-05	8.02297E-06	-7.20184E-09
Htl	W08	85 OAT	59	7	9.48001E-05	8.50762E-06	-2.37695E-09
Htl	W09	85 OAT	59	7	9.35962E-05	8.56627E-06	-4.47607E-09
Htl	W10	85 OAT	59	7	6.94563E-05	8.50145E-06	-4.10564E-09
Htl	W11	85 OAT	59	7	8.88732E-05	9.13427E-06	1.72869E-09
Htl	W12	85 OAT	59	7	7.5661E-05	9.47075E-06	-2.71651E-09
Htl	W13	85 OAT	59	7	6.61841E-05	1.00264E-05	-1.72869E-09
Htl	W14	85 OAT	59	7	3.43268E-05	7.66797E-06	-1.38913E-09
Htl	W15	85 OAT	59	7	5.49168E-05	6.65854E-06	-3.39564E-10
Htl	W16	85 OAT	59	7	8.36562E-06	4.46372E-06	-2.06825E-09
Htl	W01	96 OAT	55	3	4.67981E-05	3.03755E-06	0
Htl	W02	96 OAT	55	3	6.99811E-05	5.46081E-06	-1.37369E-09
Htl	W03	96 OAT	55	3	0.000116501	4.94837E-06	-2.05899E-09
Htl	W04	96 OAT	55	3	8.48601E-05	5.08111E-06	-2.05591E-09

SAT Reset db

Htl	W05	96 OAT	55	3	6.17698E-05	4.09638E-06	-2.05899E-09
Htl	W06	96 OAT	55	3	8.98301E-05	4.02538E-06	-1.37369E-09
Htl	W07	96 OAT	55	3	8.07545E-05	4.70142E-06	-3.42651E-10
Htl	W08	96 OAT	55	3	7.10924E-05	4.55942E-06	-1.03104E-09
Htl	W09	96 OAT	55	3	9.54792E-05	5.67072E-06	-3.4296E-09
Htl	W10	96 OAT	55	3	7.42719E-05	4.42977E-06	-1.01869E-09
Htl	W11	96 OAT	55	3	7.2605E-05	5.17063E-06	-3.45738E-10
Htl	W12	96 OAT	55	3	7.97975E-05	5.43302E-06	-3.42651E-10
Htl	W13	96 OAT	55	3	7.62784E-05	4.64894E-06	-6.85302E-10
Htl	W14	96 OAT	55	3	3.62716E-05	3.32155E-06	-6.85302E-10
Htl	W15	96 OAT	55	3	5.58737E-05	3.25673E-06	0
Htl	W16	96 OAT	55	3	2.72886E-05	2.97273E-06	0
Htl	W01	96 OAT	55	7	9.70536E-05	5.25089E-06	1.02795E-09
Htl	W02	96 OAT	55	7	0.000141475	9.79179E-06	-3.4296E-09
Htl	W03	96 OAT	55	7	0.000270941	9.43679E-06	-4.1149E-09
Htl	W04	96 OAT	55	7	0.000183612	1.03289E-05	-3.08695E-09
Htl	W05	96 OAT	55	7	0.000162991	7.97975E-06	-5.48859E-09
Htl	W06	96 OAT	55	7	0.000293785	8.36562E-06	-1.37369E-09
Htl	W07	96 OAT	55	7	0.000236244	9.21145E-06	-2.40164E-09
Htl	W08	96 OAT	55	7	0.000252728	9.47384E-06	-2.74429E-09
Htl	W09	96 OAT	55	7	0.000268657	1.0866E-05	-3.4296E-09
Htl	W10	96 OAT	55	7	0.000163855	9.61275E-06	-3.08695E-09
Htl	W11	96 OAT	55	7	0.000146815	1.02147E-05	1.3706E-09
Htl	W12	96 OAT	55	7	0.000147	1.00727E-05	-2.74429E-09
Htl	W13	96 OAT	55	7	0.000144222	9.87514E-06	-1.03104E-09
Htl	W14	96 OAT	55	7	9.02006E-05	7.56919E-06	3.45738E-10
Htl	W15	96 OAT	55	7	0.000129559	6.87771E-06	0
Htl	W16	96 OAT	55	7	5.29102E-05	5.66146E-06	-2.40164E-09
Htl	W01	96 OAT	59	3	2.99434E-06	1.36752E-06	-2.40164E-09
Htl	W02	96 OAT	59	3	2.0806E-05	2.89864E-06	-1.71634E-09
Htl	W03	96 OAT	59	3	3.7352E-05	2.56216E-06	-3.08695E-09
Htl	W04	96 OAT	59	3	2.16086E-05	2.73812E-06	-2.05899E-09
Htl	W05	96 OAT	59	3	2.13925E-05	2.5066E-06	-3.08695E-09
Htl	W06	96 OAT	59	3	6.57211E-05	2.2473E-06	-3.77533E-09
Htl	W07	96 OAT	59	3	4.26616E-05	2.5313E-06	-2.40164E-09
Htl	W08	96 OAT	59	3	4.92677E-05	2.81838E-06	-1.71634E-09
Htl	W09	96 OAT	59	3	5.93928E-05	2.98816E-06	-1.69782E-09
Htl	W10	96 OAT	59	3	1.89538E-05	3.00977E-06	-1.72869E-09
Htl	W11	96 OAT	59	3	2.37077E-05	3.06225E-06	2.05899E-09
Htl	W12	96 OAT	59	3	2.12999E-05	3.17029E-06	-2.05899E-09
Htl	W13	96 OAT	59	3	2.32447E-05	3.31229E-06	-6.79128E-10
Htl	W14	96 OAT	59	3	1.90465E-05	2.40473E-06	-6.85302E-10
Htl	W15	96 OAT	59	3	3.06225E-05	2.51895E-06	0
Htl	W16	96 OAT	59	3	4.66129E-06	1.25021E-06	-1.71325E-09
Htl	W01	96 OAT	59	7	1.01869E-06	2.27199E-06	-8.2298E-09
Htl	W02	96 OAT	59	7	3.21042E-05	5.12742E-06	-4.46064E-09
Htl	W03	96 OAT	59	7	5.49168E-05	4.31555E-06	-7.20184E-09
Htl	W04	96 OAT	59	7	4.39272E-05	4.84342E-06	-3.42651E-10
Htl	W05	96 OAT	59	7	3.60555E-05	4.49151E-06	-7.20184E-09
Htl	W06	96 OAT	59	7	0.000106006	4.17046E-06	-8.23288E-09
Htl	W07	96 OAT	59	7	0.000102147	4.99468E-06	-6.85919E-09
Htl	W08	96 OAT	59	7	0.000111562	5.36511E-06	-4.1149E-09
Htl	W09	96 OAT	59	7	0.00010863	5.80963E-06	-4.4452E-09
Htl	W10	96 OAT	59	7	5.1552E-05	5.9115E-06	-4.13651E-09
Htl	W11	96 OAT	59	7	4.67981E-05	5.47624E-06	1.71325E-09
Htl	W12	96 OAT	59	7	3.80929E-05	5.5812E-06	-3.4296E-09
Htl	W13	96 OAT	59	7	5.26324E-05	6.77893E-06	-1.35826E-09
Htl	W14	96 OAT	59	7	3.6179E-05	4.79094E-06	-1.3706E-09
Htl	W15	96 OAT	59	7	5.57811E-05	4.50694E-06	-3.39564E-10
Htl	W16	96 OAT	59	7	6.63693E-06	2.45721E-06	-3.77225E-09
Htl	W01	3 OAT	55	3	4.20442E-05	2.60847E-06	-1.3706E-09

SAT Reset db

Htl	W02	3 OAT	55	3	3.62099E-05	3.30921E-06	-1.3706E-09
Htl	W03	3 OAT	55	3	6.56593E-05	4.23529E-06	-6.85302E-10
Htl	W04	3 OAT	55	3	4.8249E-05	4.50385E-06	-1.71325E-09
Htl	W05	3 OAT	55	3	5.19842E-05	3.48825E-06	-2.40164E-09
Htl	W06	3 OAT	55	3	6.44246E-05	3.19808E-06	-2.05899E-09
Htl	W07	3 OAT	55	3	5.3682E-05	3.95438E-06	-6.85302E-10
Htl	W08	3 OAT	55	3	5.54107E-05	3.6642E-06	-8.57554E-09
Htl	W09	3 OAT	55	3	6.06585E-05	3.98216E-06	-1.3706E-09
Htl	W10	3 OAT	55	3	3.54073E-05	3.30612E-06	-1.02795E-09
Htl	W11	3 OAT	55	3	3.79386E-05	3.55616E-06	-3.42651E-10
Htl	W12	3 OAT	55	3	2.93569E-05	3.53147E-06	-3.42651E-10
Htl	W13	3 OAT	55	3	3.46355E-05	3.6889E-06	-3.42651E-10
Htl	W14	3 OAT	55	3	2.45103E-05	3.10547E-06	-6.85302E-10
Htl	W15	3 OAT	55	3	4.80946E-05	2.76282E-06	0
Htl	W16	3 OAT	55	3	9.66214E-06	2.15778E-06	0
Htl	W01	3 OAT	55	7	7.13702E-05	4.3989E-06	-3.4296E-09
Htl	W02	3 OAT	55	7	5.56885E-05	5.66146E-06	-3.08695E-09
Htl	W03	3 OAT	55	7	0.000111531	7.39323E-06	-2.39856E-09
Htl	W04	3 OAT	55	7	8.83793E-05	7.68341E-06	-2.74429E-09
Htl	W05	3 OAT	55	7	8.7484E-05	6.7635E-06	-5.14285E-09
Htl	W06	3 OAT	55	7	0.000112488	6.85302E-06	-4.80329E-09
Htl	W07	3 OAT	55	7	0.000102487	7.85319E-06	-3.08695E-09
Htl	W08	3 OAT	55	7	0.00011076	7.64328E-06	-1.06345E-08
Htl	W09	3 OAT	55	7	0.000113075	8.4428E-06	-2.05591E-09
Htl	W10	3 OAT	55	7	7.20493E-05	6.0782E-06	-2.40164E-09
Htl	W11	3 OAT	55	7	6.2418E-05	6.4548E-06	1.02795E-09
Htl	W12	3 OAT	55	7	5.39907E-05	6.32515E-06	-2.74429E-09
Htl	W13	3 OAT	55	7	6.43319E-05	7.03824E-06	-1.02795E-09
Htl	W14	3 OAT	55	7	4.92059E-05	6.25724E-06	-1.3706E-09
Htl	W15	3 OAT	55	7	8.28536E-05	5.37746E-06	0
Htl	W16	3 OAT	55	7	1.97256E-05	4.21368E-06	-3.42651E-10
Htl	W01	3 OAT	59	3	-9.26084E-07	9.63127E-07	-6.88389E-10
Htl	W02	3 OAT	59	3	3.6426E-06	1.39221E-06	-1.71325E-09
Htl	W03	3 OAT	59	3	4.8465E-06	1.60212E-06	-2.74429E-09
Htl	W04	3 OAT	59	3	1.04339E-05	1.98799E-06	-2.05899E-09
Htl	W05	3 OAT	59	3	3.14868E-06	1.76265E-06	-2.05591E-09
Htl	W06	3 OAT	59	3	9.97083E-06	2.16704E-06	-4.45755E-09
Htl	W07	3 OAT	59	3	1.61756E-05	1.92625E-06	-2.74429E-09
Htl	W08	3 OAT	59	3	2.22569E-05	2.12691E-06	-3.08695E-09
Htl	W09	3 OAT	59	3	1.70399E-05	2.27817E-06	-2.05899E-09
Htl	W10	3 OAT	59	3	1.19465E-05	1.70708E-06	-1.71325E-09
Htl	W11	3 OAT	59	3	1.01869E-05	1.93243E-06	0
Htl	W12	3 OAT	59	3	7.09998E-06	1.66386E-06	-2.40164E-09
Htl	W13	3 OAT	59	3	1.27182E-05	2.25656E-06	-3.42651E-10
Htl	W14	3 OAT	59	3	9.07562E-06	1.74721E-06	-6.85302E-10
Htl	W15	3 OAT	59	3	1.57743E-05	1.7503E-06	0
Htl	W16	3 OAT	59	3	1.72869E-06	1.1823E-06	-1.37369E-09
Htl	W01	3 OAT	59	7	-1.04956E-05	1.78425E-06	-7.54758E-09
Htl	W02	3 OAT	59	7	-3.08695E-07	2.4603E-06	-4.1149E-09
Htl	W03	3 OAT	59	7	-1.60521E-06	2.6486E-06	-5.83124E-09
Htl	W04	3 OAT	59	7	1.06191E-05	3.21351E-06	-4.1149E-09
Htl	W05	3 OAT	59	7	-1.72869E-06	3.20116E-06	-5.14285E-09
Htl	W06	3 OAT	59	7	1.11747E-05	3.39255E-06	-1.16625E-08
Htl	W07	3 OAT	59	7	2.7659E-05	3.98833E-06	-6.85919E-09
Htl	W08	3 OAT	59	7	3.68581E-05	4.13342E-06	-5.14285E-09
Htl	W09	3 OAT	59	7	3.35551E-05	4.25381E-06	-4.45755E-09
Htl	W10	3 OAT	59	7	1.6546E-05	3.15486E-06	-3.4296E-09
Htl	W11	3 OAT	59	7	1.55582E-05	3.34625E-06	-6.88389E-10
Htl	W12	3 OAT	59	7	1.16069E-05	3.15486E-06	-4.80329E-09
Htl	W13	3 OAT	59	7	2.42943E-05	4.01303E-06	-1.3706E-09
Htl	W14	3 OAT	59	7	1.75339E-05	3.50986E-06	-1.71325E-09



SAT Reset db

Htl	W15	3 OAT	59	7	2.87395E-05	3.59629E-06	0
Htl	W16	3 OAT	59	7	-1.94478E-06	2.09604E-06	-3.08695E-09
Htl	W01	5 OAT	55	3	4.32481E-05	2.73503E-06	-3.42651E-10
Htl	W02	5 OAT	55	3	3.06534E-05	3.37094E-06	-1.37369E-09
Htl	W03	5 OAT	55	3	5.74172E-05	4.39272E-06	-3.42651E-10
Htl	W04	5 OAT	55	3	4.65203E-05	4.49768E-06	-1.3706E-09
Htl	W05	5 OAT	55	3	5.17372E-05	3.8309E-06	-2.05899E-09
Htl	W06	5 OAT	55	3	5.94237E-05	3.90807E-06	-2.05899E-09
Htl	W07	5 OAT	55	3	5.52563E-05	4.59646E-06	-2.05899E-09
Htl	W08	5 OAT	55	3	5.55959E-05	4.16738E-06	-1.03104E-09
Htl	W09	5 OAT	55	3	5.86211E-05	4.96072E-06	-1.37369E-09
Htl	W10	5 OAT	55	3	3.65494E-05	3.50368E-06	-1.03104E-09
Htl	W11	5 OAT	55	3	3.03755E-05	3.43886E-06	-3.42651E-10
Htl	W12	5 OAT	55	3	3.22277E-05	3.78768E-06	-3.45738E-10
Htl	W13	5 OAT	55	3	3.08695E-05	3.59938E-06	-3.42651E-10
Htl	W14	5 OAT	55	3	2.0806E-05	2.80912E-06	6.85302E-10
Htl	W15	5 OAT	55	3	3.46355E-05	2.91408E-06	0
Htl	W16	5 OAT	55	3	1.10204E-05	2.28743E-06	-3.42651E-10
Htl	W01	5 OAT	55	7	7.70193E-05	4.6582E-06	-2.40164E-09
Htl	W02	5 OAT	55	7	5.30337E-05	5.96398E-06	-3.08695E-09
Htl	W03	5 OAT	55	7	0.000108722	8.01371E-06	-3.08695E-09
Htl	W04	5 OAT	55	7	8.55084E-05	8.19584E-06	-2.40164E-09
Htl	W05	5 OAT	55	7	9.34727E-05	7.55684E-06	-4.80329E-09
Htl	W06	5 OAT	55	7	0.000118971	8.37488E-06	-3.77225E-09
Htl	W07	5 OAT	55	7	0.000112272	9.42753E-06	-3.08695E-09
Htl	W08	5 OAT	55	7	0.000118847	8.68049E-06	-2.74429E-09
Htl	W09	5 OAT	55	7	0.000114742	1.03042E-05	-3.43268E-09
Htl	W10	5 OAT	55	7	7.2358E-05	6.58754E-06	-2.74429E-09
Htl	W11	5 OAT	55	7	5.8652E-05	6.97032E-06	1.02795E-09
Htl	W12	5 OAT	55	7	5.79111E-05	6.81906E-06	-2.40164E-09
Htl	W13	5 OAT	55	7	5.88063E-05	6.97341E-06	-1.02795E-09
Htl	W14	5 OAT	55	7	4.33098E-05	6.20167E-06	-3.45738E-10
Htl	W15	5 OAT	55	7	6.7388E-05	5.85902E-06	-3.45738E-10
Htl	W16	5 OAT	55	7	2.09295E-05	4.38346E-06	-6.85302E-10
Htl	W01	5 OAT	59	3	4.50694E-06	1.08352E-06	-2.74429E-09
Htl	W02	5 OAT	59	3	5.67998E-06	1.62065E-06	-2.05899E-09
Htl	W03	5 OAT	59	3	9.69301E-06	1.77808E-06	-2.40164E-09
Htl	W04	5 OAT	59	3	8.73606E-06	1.98491E-06	-1.71325E-09
Htl	W05	5 OAT	59	3	6.2665E-06	1.92008E-06	-2.74429E-09
Htl	W06	5 OAT	59	3	1.349E-05	2.25964E-06	-4.1149E-09
Htl	W07	5 OAT	59	3	1.95404E-05	2.46647E-06	-2.74429E-09
Htl	W08	5 OAT	59	3	1.97873E-05	2.43251E-06	-2.05591E-09
Htl	W09	5 OAT	59	3	1.61447E-05	2.46338E-06	-2.05591E-09
Htl	W10	5 OAT	59	3	8.76693E-06	1.74104E-06	-1.71634E-09
Htl	W11	5 OAT	59	3	9.41518E-06	1.90156E-06	-3.42651E-10
Htl	W12	5 OAT	59	3	6.11215E-06	1.75339E-06	-2.40164E-09
Htl	W13	5 OAT	59	3	1.06191E-05	2.14234E-06	-3.42651E-10
Htl	W14	5 OAT	59	3	9.44605E-06	1.84599E-06	-6.85302E-10
Htl	W15	5 OAT	59	3	1.26565E-05	1.9386E-06	-3.42651E-10
Htl	W16	5 OAT	59	3	2.77825E-06	1.24404E-06	-1.37369E-09
Htl	W01	5 OAT	59	7	4.93911E-07	1.92317E-06	-5.83124E-09
Htl	W02	5 OAT	59	7	5.98867E-06	2.8369E-06	-4.45755E-09
Htl	W03	5 OAT	59	7	9.84736E-06	3.15486E-06	-5.14594E-09
Htl	W04	5 OAT	59	7	1.32121E-05	3.53764E-06	-3.77225E-09
Htl	W05	5 OAT	59	7	6.23563E-06	3.48207E-06	-4.8002E-09
Htl	W06	5 OAT	59	7	2.10838E-05	3.80929E-06	-1.02888E-08
Htl	W07	5 OAT	59	7	3.53455E-05	4.6582E-06	-6.85919E-09
Htl	W08	5 OAT	59	7	3.75681E-05	4.71994E-06	-4.1149E-09
Htl	W09	5 OAT	59	7	3.22895E-05	4.71068E-06	-4.45755E-09
Htl	W10	5 OAT	59	7	1.75647E-05	3.36477E-06	-3.77225E-09
Htl	W11	5 OAT	59	7	1.51878E-05	3.1209E-06	-1.03104E-09

SAT Reset db

Htl	W12	5 OAT	59	7	1.16687E-05	3.40181E-06	-5.14594E-09
Htl	W13	5 OAT	59	7	1.92008E-05	4.06242E-06	-1.3706E-09
Htl	W14	5 OAT	59	7	1.51569E-05	3.57777E-06	-1.71325E-09
Htl	W15	5 OAT	59	7	2.3183E-05	3.68273E-06	-3.42651E-10
Htl	W16	5 OAT	59	7	2.34608E-06	2.32138E-06	-3.08695E-09
Rt3	W01	75 OAT	55	3	0.000127185	1.32468E-05	9.10317E-09
Rt3	W02	75 OAT	55	3	8.25652E-05	1.05027E-05	0
Rt3	W03	75 OAT	55	3	0.000101768	1.03349E-05	-5.70122E-10
Rt3	W04	75 OAT	55	3	9.74498E-05	8.93998E-06	-7.59593E-10
Rt3	W05	75 OAT	55	3	9.46333E-05	9.4123E-06	0
Rt3	W06	75 OAT	55	3	7.53107E-05	7.41312E-06	4.36126E-09
Rt3	W07	75 OAT	55	3	6.15185E-05	6.57347E-06	0
Rt3	W08	75 OAT	55	3	6.80561E-05	6.7346E-06	-9.49065E-10
Rt3	W09	75 OAT	55	3	6.47105E-05	6.55179E-06	-1.3263E-09
Rt3	W10	75 OAT	55	3	6.03919E-05	6.90786E-06	-5.68415E-10
Rt3	W11	75 OAT	55	3	6.28841E-05	9.51591E-06	0
Rt3	W12	75 OAT	55	3	7.88441E-05	9.80438E-06	-5.68415E-10
Rt3	W13	75 OAT	55	3	7.47303E-05	8.17578E-06	0
Rt3	W14	75 OAT	55	3	5.93677E-05	8.98914E-06	-3.78943E-10
Rt3	W15	75 OAT	55	3	3.79455E-05	4.21873E-06	0
Rt3	W16	75 OAT	55	3	5.46395E-05	1.2605E-05	-9.49065E-10
Rt3	W01	75 OAT	55	7	0.000304042	3.04564E-05	3.56565E-08
Rt3	W02	75 OAT	55	7	0.000181705	2.39253E-05	-3.78943E-10
Rt3	W03	75 OAT	55	7	0.000245647	2.37935E-05	-1.51748E-09
Rt3	W04	75 OAT	55	7	0.000231719	2.06509E-05	-1.70695E-09
Rt3	W05	75 OAT	55	7	0.000225283	2.16074E-05	1.91178E-10
Rt3	W06	75 OAT	55	7	0.000198877	1.69913E-05	1.00522E-08
Rt3	W07	75 OAT	55	7	0.00016286	1.50164E-05	1.89472E-10
Rt3	W08	75 OAT	55	7	0.000164021	1.5382E-05	-2.46654E-09
Rt3	W09	75 OAT	55	7	0.000170166	1.5034E-05	-3.22443E-09
Rt3	W10	75 OAT	55	7	0.000142189	1.57415E-05	-1.13683E-09
Rt3	W11	75 OAT	55	7	0.000141967	2.17882E-05	0
Rt3	W12	75 OAT	55	7	0.000179657	2.27589E-05	-1.13854E-09
Rt3	W13	75 OAT	55	7	0.000164943	1.89437E-05	0
Rt3	W14	75 OAT	55	7	0.00013391	2.04175E-05	-5.68415E-10
Rt3	W15	75 OAT	55	7	9.20046E-05	9.71272E-06	0
Rt3	W16	75 OAT	55	7	0.000122474	2.66409E-05	-9.49065E-10
Rt3	W01	75 OAT	59	3	0.000126348	1.24112E-05	1.97255E-08
Rt3	W02	75 OAT	59	3	7.24942E-05	9.44592E-06	-5.68415E-10
Rt3	W03	75 OAT	59	3	0.000105763	9.64512E-06	-2.27537E-09
Rt3	W04	75 OAT	59	3	9.38311E-05	8.21794E-06	-2.08589E-09
Rt3	W05	75 OAT	59	3	9.69036E-05	8.59177E-06	-1.13683E-09
Rt3	W06	75 OAT	59	3	9.61355E-05	6.60641E-06	9.49065E-10
Rt3	W07	75 OAT	59	3	8.36918E-05	5.72733E-06	-9.49065E-10
Rt3	W08	75 OAT	59	3	7.01215E-05	5.9407E-06	-2.27537E-09
Rt3	W09	75 OAT	59	3	8.04315E-05	5.65547E-06	-2.84549E-09
Rt3	W10	75 OAT	59	3	6.28158E-05	6.03134E-06	-3.78943E-10
Rt3	W11	75 OAT	59	3	5.68756E-05	8.96047E-06	-1.89472E-10
Rt3	W12	75 OAT	59	3	6.77147E-05	9.30237E-06	-1.32801E-09
Rt3	W13	75 OAT	59	3	6.483E-05	7.72617E-06	-1.91178E-10
Rt3	W14	75 OAT	59	3	5.31374E-05	8.24594E-06	-3.8065E-10
Rt3	W15	75 OAT	59	3	4.21275E-05	3.74249E-06	0
Rt3	W16	75 OAT	59	3	4.64461E-05	9.84569E-06	-9.49065E-10
Rt3	W01	75 OAT	59	7	0.000241107	2.56732E-05	3.983E-08
Rt3	W02	75 OAT	59	7	0.000139868	1.95937E-05	-1.3263E-09
Rt3	W03	75 OAT	59	7	0.000228646	2.02801E-05	-6.44886E-09
Rt3	W04	75 OAT	59	7	0.00019758	1.73735E-05	-5.69097E-09
Rt3	W05	75 OAT	59	7	0.00021243	1.81727E-05	-3.03496E-09
Rt3	W06	75 OAT	59	7	0.000217909	1.43466E-05	1.89642E-09
Rt3	W07	75 OAT	59	7	0.000204373	1.25919E-05	-1.89642E-09
Rt3	W08	75 OAT	59	7	0.000158064	1.29761E-05	-5.31032E-09

SAT Reset db

Rt3	W09	75 OAT	59	7	0.000171241	1.23084E-05	-6.06992E-09
Rt3	W10	75 OAT	59	7	0.000138878	1.32024E-05	-1.32801E-09
Rt3	W11	75 OAT	59	7	0.000110457	1.83436E-05	-3.78943E-10
Rt3	W12	75 OAT	59	7	0.000137068	1.92037E-05	-3.22443E-09
Rt3	W13	75 OAT	59	7	0.00012657	1.61662E-05	-1.91178E-10
Rt3	W14	75 OAT	59	7	0.000105234	1.70183E-05	-5.70122E-10
Rt3	W15	75 OAT	59	7	9.82862E-05	8.26164E-06	0
Rt3	W16	75 OAT	59	7	8.90175E-05	1.81573E-05	-3.98402E-09
Rt3	W01	85 OAT	55	3	6.91827E-05	2.24942E-06	3.4139E-09
Rt3	W02	85 OAT	55	3	5.35129E-05	1.72906E-06	-1.91178E-10
Rt3	W03	85 OAT	55	3	5.47419E-05	1.77516E-06	-2.08589E-09
Rt3	W04	85 OAT	55	3	5.53393E-05	1.4747E-06	-7.59593E-10
Rt3	W05	85 OAT	55	3	5.2796E-05	1.41641E-06	-9.49065E-10
Rt3	W06	85 OAT	55	3	3.96013E-05	1.16928E-06	-5.68415E-10
Rt3	W07	85 OAT	55	3	2.88133E-05	1.01676E-06	-5.70122E-10
Rt3	W08	85 OAT	55	3	3.72115E-05	1.04238E-06	-1.89472E-10
Rt3	W09	85 OAT	55	3	3.68701E-05	1.05525E-06	-3.78943E-10
Rt3	W10	85 OAT	55	3	3.93623E-05	1.21683E-06	0
Rt3	W11	85 OAT	55	3	4.5678E-05	1.79588E-06	-1.89472E-10
Rt3	W12	85 OAT	55	3	5.5493E-05	1.62433E-06	-3.78943E-10
Rt3	W13	85 OAT	55	3	5.37519E-05	1.6299E-06	0
Rt3	W14	85 OAT	55	3	4.1752E-05	1.58354E-06	0
Rt3	W15	85 OAT	55	3	2.43582E-05	8.5747E-07	0
Rt3	W16	85 OAT	55	3	3.06056E-05	1.12334E-06	-7.59593E-10
Rt3	W01	85 OAT	55	7	0.000170917	4.14477E-06	1.74485E-08
Rt3	W02	85 OAT	55	7	0.000124795	3.25551E-06	-3.8065E-10
Rt3	W03	85 OAT	55	7	0.00013886	3.34306E-06	-4.7402E-09
Rt3	W04	85 OAT	55	7	0.000129233	2.86829E-06	-1.89642E-09
Rt3	W05	85 OAT	55	7	0.000141455	2.98104E-06	-2.46654E-09
Rt3	W06	85 OAT	55	7	0.000125256	2.26224E-06	-1.51577E-09
Rt3	W07	85 OAT	55	7	9.45139E-05	2.05148E-06	-1.32801E-09
Rt3	W08	85 OAT	55	7	0.000103834	2.1709E-06	-7.57886E-10
Rt3	W09	85 OAT	55	7	0.000107657	2.07864E-06	-7.57886E-10
Rt3	W10	85 OAT	55	7	0.000100659	2.59443E-06	-1.89472E-10
Rt3	W11	85 OAT	55	7	0.000101785	3.43165E-06	-1.89472E-10
Rt3	W12	85 OAT	55	7	0.000129131	3.22887E-06	-9.49065E-10
Rt3	W13	85 OAT	55	7	0.000120545	3.21699E-06	0
Rt3	W14	85 OAT	55	7	9.05196E-05	3.07661E-06	0
Rt3	W15	85 OAT	55	7	6.5325E-05	1.82377E-06	0
Rt3	W16	85 OAT	55	7	7.00874E-05	2.16475E-06	-1.70695E-09
Rt3	W01	85 OAT	59	3	7.3194E-05	1.05303E-06	1.51748E-09
Rt3	W02	85 OAT	59	3	5.11232E-05	9.53059E-07	-3.78943E-10
Rt3	W03	85 OAT	59	3	6.17575E-05	8.94391E-07	-2.46484E-09
Rt3	W04	85 OAT	59	3	5.37348E-05	7.89089E-07	-1.13854E-09
Rt3	W05	85 OAT	59	3	6.47105E-05	9.41947E-07	-1.32801E-09
Rt3	W06	85 OAT	59	3	6.44545E-05	6.79059E-07	-1.70695E-09
Rt3	W07	85 OAT	59	3	5.19084E-05	5.76796E-07	-1.13854E-09
Rt3	W08	85 OAT	59	3	4.7641E-05	7.42148E-07	-7.59593E-10
Rt3	W09	85 OAT	59	3	5.35129E-05	6.40072E-07	-3.78943E-10
Rt3	W10	85 OAT	59	3	4.77093E-05	8.56309E-07	-3.78943E-10
Rt3	W11	85 OAT	59	3	3.94988E-05	9.675E-07	0
Rt3	W12	85 OAT	59	3	5.14134E-05	9.49799E-07	-5.68415E-10
Rt3	W13	85 OAT	59	3	4.75898E-05	9.89297E-07	0
Rt3	W14	85 OAT	59	3	3.5129E-05	9.80251E-07	0
Rt3	W15	85 OAT	59	3	3.17664E-05	5.79356E-07	0
Rt3	W16	85 OAT	59	3	2.73112E-05	6.44715E-07	-1.13854E-09
Rt3	W01	85 OAT	59	7	0.000149495	1.96543E-06	2.06729E-08
Rt3	W02	85 OAT	59	7	0.000103219	1.78518E-06	-7.57886E-10
Rt3	W03	85 OAT	59	7	0.00013857	1.60387E-06	-5.87874E-09
Rt3	W04	85 OAT	59	7	0.000111805	1.46275E-06	-3.03496E-09
Rt3	W05	85 OAT	59	7	0.000131862	1.88608E-06	-3.60337E-09

SAT Reset db

Rt3	W06	85 OAT	59	7	0.000132664	1.32932E-06	-4.74191E-09
Rt3	W07	85 OAT	59	7	0.000127765	1.14251E-06	-2.84549E-09
Rt3	W08	85 OAT	59	7	0.000106428	1.36933E-06	-1.51748E-09
Rt3	W09	85 OAT	59	7	0.000117216	1.21788E-06	-1.13854E-09
Rt3	W10	85 OAT	59	7	9.54868E-05	1.72904E-06	-5.68415E-10
Rt3	W11	85 OAT	59	7	8.01072E-05	1.8884E-06	-1.89472E-10
Rt3	W12	85 OAT	59	7	0.000104107	1.75758E-06	-1.51577E-09
Rt3	W13	85 OAT	59	7	9.41383E-05	1.79341E-06	0
Rt3	W14	85 OAT	59	7	7.23576E-05	1.9539E-06	-1.91178E-10
Rt3	W15	85 OAT	59	7	6.99508E-05	1.1199E-06	0
Rt3	W16	85 OAT	59	7	5.41445E-05	1.22781E-06	-2.84549E-09
Rt3	W01	96 OAT	55	3	6.3106E-05	1.75027E-06	3.03496E-09
Rt3	W02	96 OAT	55	3	3.65287E-05	1.21909E-06	-1.89472E-10
Rt3	W03	96 OAT	55	3	4.67192E-05	1.30087E-06	-1.51748E-09
Rt3	W04	96 OAT	55	3	4.322E-05	1.14144E-06	-7.57886E-10
Rt3	W05	96 OAT	55	3	4.37662E-05	1.06679E-06	-7.57886E-10
Rt3	W06	96 OAT	55	3	3.57265E-05	7.35952E-07	-3.8065E-10
Rt3	W07	96 OAT	55	3	2.77721E-05	6.42052E-07	-5.70122E-10
Rt3	W08	96 OAT	55	3	3.20053E-05	7.03059E-07	-3.78943E-10
Rt3	W09	96 OAT	55	3	3.37635E-05	7.47235E-07	-3.8065E-10
Rt3	W10	96 OAT	55	3	3.37123E-05	9.32934E-07	-1.89472E-10
Rt3	W11	96 OAT	55	3	3.29954E-05	1.28721E-06	-1.89472E-10
Rt3	W12	96 OAT	55	3	3.80309E-05	1.21006E-06	-3.8065E-10
Rt3	W13	96 OAT	55	3	3.99426E-05	1.19743E-06	0
Rt3	W14	96 OAT	55	3	2.60651E-05	1.18377E-06	0
Rt3	W15	96 OAT	55	3	2.33511E-05	6.44886E-07	0
Rt3	W16	96 OAT	55	3	2.56213E-05	8.12679E-07	-7.57886E-10
Rt3	W01	96 OAT	55	7	0.000156749	3.11641E-06	1.4603E-08
Rt3	W02	96 OAT	55	7	9.10488E-05	2.22578E-06	-3.78943E-10
Rt3	W03	96 OAT	55	7	0.000119777	2.41868E-06	-3.79455E-09
Rt3	W04	96 OAT	55	7	0.000113393	2.10348E-06	-1.89642E-09
Rt3	W05	96 OAT	55	7	0.000117967	2.10107E-06	-2.08589E-09
Rt3	W06	96 OAT	55	7	0.000102878	1.49063E-06	-1.13854E-09
Rt3	W07	96 OAT	55	7	8.28042E-05	1.30676E-06	-1.32801E-09
Rt3	W08	96 OAT	55	7	8.47672E-05	1.51546E-06	-9.47358E-10
Rt3	W09	96 OAT	55	7	9.04684E-05	1.45955E-06	-9.49065E-10
Rt3	W10	96 OAT	55	7	8.14898E-05	1.8729E-06	-3.78943E-10
Rt3	W11	96 OAT	55	7	7.38598E-05	2.40066E-06	-1.89472E-10
Rt3	W12	96 OAT	55	7	8.97003E-05	2.29334E-06	-7.59593E-10
Rt3	W13	96 OAT	55	7	9.37799E-05	2.27769E-06	-1.89472E-10
Rt3	W14	96 OAT	55	7	6.01188E-05	2.26069E-06	0
Rt3	W15	96 OAT	55	7	5.62611E-05	1.41346E-06	0
Rt3	W16	96 OAT	55	7	5.72682E-05	1.63492E-06	-1.51748E-09
Rt3	W01	96 OAT	59	3	6.88925E-05	7.00635E-07	5.68415E-10
Rt3	W02	96 OAT	59	3	3.89014E-05	5.90332E-07	-3.78943E-10
Rt3	W03	96 OAT	59	3	6.00676E-05	5.7514E-07	-2.27707E-09
Rt3	W04	96 OAT	59	3	5.18742E-05	5.39516E-07	-1.13854E-09
Rt3	W05	96 OAT	59	3	5.6722E-05	5.79117E-07	-1.51748E-09
Rt3	W06	96 OAT	59	3	5.68927E-05	4.32541E-07	-1.89642E-09
Rt3	W07	96 OAT	59	3	4.46538E-05	3.62795E-07	-1.13854E-09
Rt3	W08	96 OAT	59	3	3.82528E-05	4.27199E-07	-5.68415E-10
Rt3	W09	96 OAT	59	3	4.75727E-05	3.69811E-07	-5.70122E-10
Rt3	W10	96 OAT	59	3	3.6341E-05	5.53667E-07	-1.89472E-10
Rt3	W11	96 OAT	59	3	2.81818E-05	6.37887E-07	-1.89472E-10
Rt3	W12	96 OAT	59	3	3.55558E-05	5.66605E-07	-5.68415E-10
Rt3	W13	96 OAT	59	3	3.53509E-05	6.27339E-07	0
Rt3	W14	96 OAT	59	3	2.67821E-05	7.07121E-07	-1.89472E-10
Rt3	W15	96 OAT	59	3	2.32828E-05	3.86266E-07	0
Rt3	W16	96 OAT	59	3	2.10467E-05	4.34248E-07	-1.13683E-09
Rt3	W01	96 OAT	59	7	0.000133586	1.25277E-06	1.53626E-08
Rt3	W02	96 OAT	59	7	7.98682E-05	1.12783E-06	-7.59593E-10

SAT Reset db

Rt3	W03	96 OAT	59	7	0.000138758	1.03678E-06	-5.5015E-09
Rt3	W04	96 OAT	59	7	0.000111242	9.96518E-07	-2.84549E-09
Rt3	W05	96 OAT	59	7	0.000118343	1.24459E-06	-3.60337E-09
Rt3	W06	96 OAT	59	7	0.000116943	8.46118E-07	-5.12085E-09
Rt3	W07	96 OAT	59	7	0.000112625	7.71747E-07	-2.65602E-09
Rt3	W08	96 OAT	59	7	8.37259E-05	8.89577E-07	-1.3263E-09
Rt3	W09	96 OAT	59	7	9.6511E-05	7.38478E-07	-1.32801E-09
Rt3	W10	96 OAT	59	7	7.16407E-05	1.08885E-06	-5.68415E-10
Rt3	W11	96 OAT	59	7	5.93165E-05	1.28226E-06	-3.78943E-10
Rt3	W12	96 OAT	59	7	7.80589E-05	1.15868E-06	-1.51748E-09
Rt3	W13	96 OAT	59	7	7.37915E-05	1.10179E-06	-1.89472E-10
Rt3	W14	96 OAT	59	7	5.51174E-05	1.35499E-06	-1.89472E-10
Rt3	W15	96 OAT	59	7	5.31544E-05	7.76646E-07	0
Rt3	W16	96 OAT	59	7	4.19568E-05	9.24997E-07	-2.65431E-09
Rt3	W01	3 OAT	55	3	5.45029E-05	1.59547E-06	2.08589E-09
Rt3	W02	3 OAT	55	3	3.29271E-05	1.03902E-06	-1.89472E-10
Rt3	W03	3 OAT	55	3	3.955E-05	1.19369E-06	-1.70695E-09
Rt3	W04	3 OAT	55	3	4.09497E-05	1.05005E-06	-5.68415E-10
Rt3	W05	3 OAT	55	3	3.62386E-05	1.00411E-06	-9.49065E-10
Rt3	W06	3 OAT	55	3	2.93254E-05	7.94739E-07	-9.47358E-10
Rt3	W07	3 OAT	55	3	2.09955E-05	6.90359E-07	-5.70122E-10
Rt3	W08	3 OAT	55	3	2.56896E-05	6.83105E-07	-3.78943E-10
Rt3	W09	3 OAT	55	3	2.77892E-05	7.31275E-07	-1.89472E-10
Rt3	W10	3 OAT	55	3	2.71234E-05	7.68742E-07	0
Rt3	W11	3 OAT	55	3	2.56213E-05	1.04943E-06	-1.89472E-10
Rt3	W12	3 OAT	55	3	3.32514E-05	9.96347E-07	-1.89472E-10
Rt3	W13	3 OAT	55	3	3.07422E-05	1.02156E-06	0
Rt3	W14	3 OAT	55	3	2.31804E-05	1.08357E-06	-1.89472E-10
Rt3	W15	3 OAT	55	3	2.10296E-05	5.89871E-07	0
Rt3	W16	3 OAT	55	3	1.89301E-05	7.38256E-07	-5.68415E-10
Rt3	W01	3 OAT	55	7	0.000129455	2.74193E-06	1.09996E-08
Rt3	W02	3 OAT	55	7	7.93049E-05	1.90422E-06	-3.8065E-10
Rt3	W03	3 OAT	55	7	0.000100232	2.14422E-06	-3.79455E-09
Rt3	W04	3 OAT	55	7	9.52308E-05	1.85039E-06	-1.70695E-09
Rt3	W05	3 OAT	55	7	9.39847E-05	1.92454E-06	-2.27537E-09
Rt3	W06	3 OAT	55	7	7.94756E-05	1.44963E-06	-2.46484E-09
Rt3	W07	3 OAT	55	7	6.42667E-05	1.34771E-06	-1.32801E-09
Rt3	W08	3 OAT	55	7	6.58371E-05	1.40159E-06	-7.57886E-10
Rt3	W09	3 OAT	55	7	7.63519E-05	1.37609E-06	-7.59593E-10
Rt3	W10	3 OAT	55	7	6.61785E-05	1.58132E-06	-1.89472E-10
Rt3	W11	3 OAT	55	7	6.04261E-05	2.06831E-06	-3.78943E-10
Rt3	W12	3 OAT	55	7	7.65909E-05	1.93297E-06	-7.59593E-10
Rt3	W13	3 OAT	55	7	7.50376E-05	1.8955E-06	0
Rt3	W14	3 OAT	55	7	5.38202E-05	2.00123E-06	-1.89472E-10
Rt3	W15	3 OAT	55	7	4.84262E-05	1.28856E-06	0
Rt3	W16	3 OAT	55	7	4.88359E-05	1.44118E-06	-1.51748E-09
Rt3	W01	3 OAT	59	3	5.46907E-05	5.58344E-07	-3.78943E-10
Rt3	W02	3 OAT	59	3	3.00253E-05	5.05479E-07	-1.89472E-10
Rt3	W03	3 OAT	59	3	4.78117E-05	4.87983E-07	-2.08589E-09
Rt3	W04	3 OAT	59	3	4.17691E-05	4.68285E-07	-1.13683E-09
Rt3	W05	3 OAT	59	3	4.45685E-05	4.9645E-07	-1.32801E-09
Rt3	W06	3 OAT	59	3	4.43978E-05	3.93367E-07	-2.46484E-09
Rt3	W07	3 OAT	59	3	3.63922E-05	3.71603E-07	-1.13683E-09
Rt3	W08	3 OAT	59	3	3.2159E-05	4.49252E-07	-5.68415E-10
Rt3	W09	3 OAT	59	3	3.53509E-05	3.85225E-07	-3.78943E-10
Rt3	W10	3 OAT	59	3	2.96839E-05	4.93548E-07	-1.89472E-10
Rt3	W11	3 OAT	59	3	2.32316E-05	5.49467E-07	-1.89472E-10
Rt3	W12	3 OAT	59	3	2.81305E-05	5.11573E-07	-5.70122E-10
Rt3	W13	3 OAT	59	3	2.627E-05	4.91568E-07	0
Rt3	W14	3 OAT	59	3	2.05346E-05	5.75072E-07	-1.89472E-10
Rt3	W15	3 OAT	59	3	1.9886E-05	3.60423E-07	0



SAT Reset db

Rt3	W16	3 OAT	59	3	1.75816E-05	3.76212E-07	-9.49065E-10
Rt3	W01	3 OAT	59	7	9.90373E-05	1.01304E-06	1.08118E-08
Rt3	W02	3 OAT	59	7	5.52881E-05	9.0028E-07	-5.70122E-10
Rt3	W03	3 OAT	59	7	0.000103851	8.34614E-07	-5.31032E-09
Rt3	W04	3 OAT	59	7	8.43404E-05	8.7046E-07	-2.65431E-09
Rt3	W05	3 OAT	59	7	8.87102E-05	1.03207E-06	-3.4139E-09
Rt3	W06	3 OAT	59	7	8.79592E-05	8.30517E-07	-6.44886E-09
Rt3	W07	3 OAT	59	7	8.90175E-05	7.45203E-07	-3.03325E-09
Rt3	W08	3 OAT	59	7	6.19964E-05	9.14106E-07	-1.3263E-09
Rt3	W09	3 OAT	59	7	7.10604E-05	7.29107E-07	-9.49065E-10
Rt3	W10	3 OAT	59	7	5.68073E-05	9.43295E-07	-5.68415E-10
Rt3	W11	3 OAT	59	7	4.61901E-05	1.1044E-06	-3.78943E-10
Rt3	W12	3 OAT	59	7	5.70804E-05	9.73098E-07	-1.32801E-09
Rt3	W13	3 OAT	59	7	5.39567E-05	9.04872E-07	-1.89472E-10
Rt3	W14	3 OAT	59	7	4.38345E-05	1.05493E-06	-1.89472E-10
Rt3	W15	3 OAT	59	7	4.20593E-05	7.50871E-07	0
Rt3	W16	3 OAT	59	7	3.31319E-05	7.77004E-07	-2.46654E-09
Rt3	W01	5 OAT	55	3	4.52683E-05	1.59934E-06	2.65431E-09
Rt3	W02	5 OAT	55	3	2.76014E-05	1.04529E-06	-1.89472E-10
Rt3	W03	5 OAT	55	3	3.58801E-05	1.19831E-06	-1.51748E-09
Rt3	W04	5 OAT	55	3	3.53339E-05	1.03346E-06	-7.59593E-10
Rt3	W05	5 OAT	55	3	3.28417E-05	9.99044E-07	-9.49065E-10
Rt3	W06	5 OAT	55	3	2.77892E-05	8.07712E-07	-5.70122E-10
Rt3	W07	5 OAT	55	3	2.16271E-05	7.04561E-07	-5.68415E-10
Rt3	W08	5 OAT	55	3	2.29585E-05	6.71361E-07	-3.78943E-10
Rt3	W09	5 OAT	55	3	2.50068E-05	6.72453E-07	-3.78943E-10
Rt3	W10	5 OAT	55	3	2.43582E-05	7.6666E-07	-1.89472E-10
Rt3	W11	5 OAT	55	3	2.22757E-05	1.06787E-06	0
Rt3	W12	5 OAT	55	3	2.91889E-05	1.04738E-06	-3.78943E-10
Rt3	W13	5 OAT	55	3	2.74819E-05	1.04612E-06	0
Rt3	W14	5 OAT	55	3	1.89984E-05	1.06224E-06	-1.89472E-10
Rt3	W15	5 OAT	55	3	1.82132E-05	5.7485E-07	0
Rt3	W16	5 OAT	55	3	1.66598E-05	7.19138E-07	-5.70122E-10
Rt3	W01	5 OAT	55	7	0.000104175	2.74444E-06	1.02417E-08
Rt3	W02	5 OAT	55	7	6.48641E-05	1.89306E-06	-3.78943E-10
Rt3	W03	5 OAT	55	7	8.85737E-05	2.17983E-06	-3.60337E-09
Rt3	W04	5 OAT	55	7	8.17971E-05	1.84011E-06	-1.70695E-09
Rt3	W05	5 OAT	55	7	8.20531E-05	1.93507E-06	-2.0876E-09
Rt3	W06	5 OAT	55	7	7.11457E-05	1.46912E-06	-1.51748E-09
Rt3	W07	5 OAT	55	7	6.07504E-05	1.35476E-06	-1.51748E-09
Rt3	W08	5 OAT	55	7	5.87362E-05	1.4005E-06	-7.57886E-10
Rt3	W09	5 OAT	55	7	6.57859E-05	1.30283E-06	-9.49065E-10
Rt3	W10	5 OAT	55	7	5.70634E-05	1.55554E-06	-3.8065E-10
Rt3	W11	5 OAT	55	7	5.10378E-05	2.03981E-06	-1.91178E-10
Rt3	W12	5 OAT	55	7	6.42667E-05	1.93785E-06	-9.47358E-10
Rt3	W13	5 OAT	55	7	6.37887E-05	1.85351E-06	-1.89472E-10
Rt3	W14	5 OAT	55	7	4.34248E-05	1.99372E-06	-1.89472E-10
Rt3	W15	5 OAT	55	7	4.25543E-05	1.27508E-06	0
Rt3	W16	5 OAT	55	7	4.15642E-05	1.39048E-06	-1.32801E-09
Rt3	W01	5 OAT	59	3	4.0028E-05	5.62167E-07	-5.68415E-10
Rt3	W02	5 OAT	59	3	2.32657E-05	4.53707E-07	-3.78943E-10
Rt3	W03	5 OAT	59	3	3.81845E-05	4.67943E-07	-2.08589E-09
Rt3	W04	5 OAT	59	3	3.33709E-05	4.44268E-07	-1.13854E-09
Rt3	W05	5 OAT	59	3	3.62386E-05	4.93053E-07	-1.3263E-09
Rt3	W06	5 OAT	59	3	3.45487E-05	3.77134E-07	-2.0876E-09
Rt3	W07	5 OAT	59	3	3.06398E-05	3.63205E-07	-1.32801E-09
Rt3	W08	5 OAT	59	3	2.77379E-05	4.45463E-07	-5.68415E-10
Rt3	W09	5 OAT	59	3	2.88645E-05	3.969E-07	-3.78943E-10
Rt3	W10	5 OAT	59	3	2.4546E-05	4.73662E-07	-1.89472E-10
Rt3	W11	5 OAT	59	3	1.94934E-05	5.64318E-07	-1.89472E-10
Rt3	W12	5 OAT	59	3	2.31804E-05	5.32534E-07	-5.68415E-10

SAT Reset db

Rt3	W13	5 OAT	59	3	2.20026E-05	4.45224E-07	0
Rt3	W14	5 OAT	59	3	1.65233E-05	5.66537E-07	0
Rt3	W15	5 OAT	59	3	1.71036E-05	3.55677E-07	0
Rt3	W16	5 OAT	59	3	1.41506E-05	3.60337E-07	-9.47358E-10
Rt3	W01	5 OAT	59	7	7.21801E-05	9.92148E-07	6.63833E-09
Rt3	W02	5 OAT	59	7	4.17862E-05	8.72883E-07	-7.57886E-10
Rt3	W03	5 OAT	59	7	8.37601E-05	8.50778E-07	-5.31032E-09
Rt3	W04	5 OAT	59	7	6.7783E-05	8.36713E-07	-2.65602E-09
Rt3	W05	5 OAT	59	7	7.02581E-05	1.05732E-06	-3.4139E-09
Rt3	W06	5 OAT	59	7	6.8773E-05	8.17271E-07	-5.69097E-09
Rt3	W07	5 OAT	59	7	7.28868E-05	7.43104E-07	-3.03496E-09
Rt3	W08	5 OAT	59	7	5.18913E-05	9.23648E-07	-1.32801E-09
Rt3	W09	5 OAT	59	7	5.84289E-05	7.36208E-07	-1.13683E-09
Rt3	W10	5 OAT	59	7	4.66168E-05	9.38157E-07	-3.78943E-10
Rt3	W11	5 OAT	59	7	3.63068E-05	1.10901E-06	-3.78943E-10
Rt3	W12	5 OAT	59	7	4.5439E-05	9.47511E-07	-1.32801E-09
Rt3	W13	5 OAT	59	7	4.46709E-05	8.85873E-07	0
Rt3	W14	5 OAT	59	7	3.39171E-05	1.02938E-06	-1.89472E-10
Rt3	W15	5 OAT	59	7	3.61703E-05	7.38342E-07	0
Rt3	W16	5 OAT	59	7	2.64577E-05	7.29209E-07	-2.46484E-09
Ofl	W01	75 Dmnd	55	3	0.000583357	4.41255E-05	1.0232E-07
Ofl	W02	75 Dmnd	55	3	0.000380079	4.23309E-05	-1.88633E-10
Ofl	W03	75 Dmnd	55	3	0.000429004	3.51875E-05	6.08771E-09
Ofl	W04	75 Dmnd	55	3	0.000355574	3.08472E-05	1.52622E-09
Ofl	W05	75 Dmnd	55	3	0.000367955	3.25825E-05	7.43044E-09
Ofl	W06	75 Dmnd	55	3	0.000278131	2.09426E-05	3.88619E-08
Ofl	W07	75 Dmnd	55	3	0.000210309	1.7636E-05	1.0855E-08
Ofl	W08	75 Dmnd	55	3	0.000227406	1.82096E-05	-1.75429E-08
Ofl	W09	75 Dmnd	55	3	0.000245052	2.27641E-05	-9.91183E-09
Ofl	W10	75 Dmnd	55	3	0.000241554	2.4218E-05	-1.00833E-08
Ofl	W11	75 Dmnd	55	3	0.000306478	4.00568E-05	-2.11441E-08
Ofl	W12	75 Dmnd	55	3	0.000344976	4.09403E-05	-5.14455E-09
Ofl	W13	75 Dmnd	55	3	0.000306821	3.33782E-05	-1.08721E-08
Ofl	W14	75 Dmnd	55	3	0.000322529	4.32706E-05	-1.01005E-08
Ofl	W15	75 Dmnd	55	3	0.000133518	1.38994E-05	-1.98237E-08
Ofl	W16	75 Dmnd	55	3	0.000391757	7.23992E-05	-2.38193E-08
Ofl	W01	75 Dmnd	55	7	0.000897775	7.80524E-05	1.33949E-07
Ofl	W02	75 Dmnd	55	7	0.00055297	7.29593E-05	-1.75258E-08
Ofl	W03	75 Dmnd	55	7	0.000704752	6.32968E-05	-6.48213E-09
Ofl	W04	75 Dmnd	55	7	0.000572108	5.57563E-05	-1.46791E-08
Ofl	W05	75 Dmnd	55	7	0.000643754	6.1531E-05	-1.23846E-08
Ofl	W06	75 Dmnd	55	7	0.000515724	4.03518E-05	3.3527E-08
Ofl	W07	75 Dmnd	55	7	0.000429553	3.60156E-05	-1.33758E-09
Ofl	W08	75 Dmnd	55	7	0.000409506	3.70473E-05	-2.89638E-08
Ofl	W09	75 Dmnd	55	7	0.000429004	4.53161E-05	-3.02842E-08
Ofl	W10	75 Dmnd	55	7	0.000410432	4.65299E-05	-2.30476E-08
Ofl	W11	75 Dmnd	55	7	0.000427323	6.83961E-05	-3.14332E-08
Ofl	W12	75 Dmnd	55	7	0.000504612	7.03205E-05	-2.55341E-08
Ofl	W13	75 Dmnd	55	7	0.000440785	5.88387E-05	-2.26875E-08
Ofl	W14	75 Dmnd	55	7	0.000425163	6.7782E-05	-1.92406E-08
Ofl	W15	75 Dmnd	55	7	0.000206588	2.8934E-05	-2.51568E-08
Ofl	W16	75 Dmnd	55	7	0.000519668	0.00011278	-3.23935E-08
Ofl	W01	75 Dmnd	59	3	0.000439962	3.39881E-05	5.01113E-08
Ofl	W02	75 Dmnd	59	3	0.000261892	2.90423E-05	-2.02009E-08
Ofl	W03	75 Dmnd	59	3	0.000360444	2.4302E-05	-2.64841E-08
Ofl	W04	75 Dmnd	59	3	0.000293839	2.0477E-05	-2.36306E-08
Ofl	W05	75 Dmnd	59	3	0.000338323	2.23633E-05	-3.16287E-08
Ofl	W06	75 Dmnd	59	3	0.000263864	1.28518E-05	-1.75309E-08
Ofl	W07	75 Dmnd	59	3	0.000228041	1.15432E-05	-2.47624E-08
Ofl	W08	75 Dmnd	59	3	0.00020525	1.11028E-05	-1.81088E-08
Ofl	W09	75 Dmnd	59	3	0.00019208	1.32289E-05	-2.85865E-08

## SAT Reset db

Ofi	W10	75 Dmnd	59	3	0.000204822	1.51953E-05	-1.98237E-08
Ofi	W11	75 Dmnd	59	3	0.000213893	2.77049E-05	-3.84984E-08
Ofi	W12	75 Dmnd	59	3	0.000235946	2.75259E-05	-2.83808E-08
Ofi	W13	75 Dmnd	59	3	0.000208183	2.22924E-05	-1.9635E-08
Ofi	W14	75 Dmnd	59	3	0.000215951	2.74028E-05	-9.53456E-09
Ofi	W15	75 Dmnd	59	3	0.000110316	7.48446E-06	-1.20039E-08
Ofi	W16	75 Dmnd	59	3	0.000292159	5.15197E-05	-4.04018E-08
Ofi	W01	75 Dmnd	59	7	0.000490961	4.6985E-05	4.64913E-08
Ofi	W02	75 Dmnd	59	7	0.000292022	4.08314E-05	-2.97183E-08
Ofi	W03	75 Dmnd	59	7	0.00041748	3.49394E-05	-3.44856E-08
Ofi	W04	75 Dmnd	59	7	0.000345868	2.99958E-05	-3.14503E-08
Ofi	W05	75 Dmnd	59	7	0.000424031	3.36745E-05	-3.98222E-08
Ofi	W06	75 Dmnd	59	7	0.000350138	2.02642E-05	-2.26754E-08
Ofi	W07	75 Dmnd	59	7	0.00031001	1.8342E-05	-3.27708E-08
Ofi	W08	75 Dmnd	59	7	0.000266659	1.83643E-05	-2.59114E-08
Ofi	W09	75 Dmnd	59	7	0.000241811	2.17902E-05	-3.65777E-08
Ofi	W10	75 Dmnd	59	7	0.00024272	2.36766E-05	-2.61172E-08
Ofi	W11	75 Dmnd	59	7	0.000258411	3.99863E-05	-4.74499E-08
Ofi	W12	75 Dmnd	59	7	0.00025649	3.91162E-05	-3.81039E-08
Ofi	W13	75 Dmnd	59	7	0.000213825	3.225E-05	-2.32534E-08
Ofi	W14	75 Dmnd	59	7	0.000238827	3.70658E-05	-1.46791E-08
Ofi	W15	75 Dmnd	59	7	0.000129471	1.32134E-05	-1.81088E-08
Ofi	W16	75 Dmnd	59	7	0.000345868	6.91497E-05	-4.63009E-08
Ofi	W01	85 Dmnd	55	3	0.000382343	5.86667E-06	8.3839E-09
Ofi	W02	85 Dmnd	55	3	0.000213584	7.30183E-06	-1.44819E-08
Ofi	W03	85 Dmnd	55	3	0.000259285	4.4641E-06	-2.2101E-08
Ofi	W04	85 Dmnd	55	3	0.000205336	3.3822E-06	-1.37188E-08
Ofi	W05	85 Dmnd	55	3	0.00017723	3.82686E-06	-2.80103E-08
Ofi	W06	85 Dmnd	55	3	0.000112786	1.37102E-06	-1.2575E-08
Ofi	W07	85 Dmnd	55	3	8.42677E-05	1.41887E-06	-1.86713E-08
Ofi	W08	85 Dmnd	55	3	9.74206E-05	1.03988E-06	-1.02891E-08
Ofi	W09	85 Dmnd	55	3	0.000115101	1.80797E-06	-1.54336E-08
Ofi	W10	85 Dmnd	55	3	0.000121823	3.11931E-06	-1.00987E-08
Ofi	W11	85 Dmnd	55	3	0.000159875	8.37429E-06	-1.3146E-08
Ofi	W12	85 Dmnd	55	3	0.000199677	7.59524E-06	-1.84826E-08
Ofi	W13	85 Dmnd	55	3	0.000169719	5.51375E-06	-1.08601E-08
Ofi	W14	85 Dmnd	55	3	0.00011697	3.55042E-06	-8.57425E-09
Ofi	W15	85 Dmnd	55	3	3.89957E-05	4.69697E-07	-5.14455E-09
Ofi	W16	85 Dmnd	55	3	0.00015365	1.11247E-05	-1.2575E-08
Ofi	W01	85 Dmnd	55	7	0.000520182	1.13933E-05	7.04974E-09
Ofi	W02	85 Dmnd	55	7	0.000297269	1.3375E-05	-1.94361E-08
Ofi	W03	85 Dmnd	55	7	0.000406042	9.59561E-06	-2.68648E-08
Ofi	W04	85 Dmnd	55	7	0.000319939	7.98725E-06	-1.71485E-08
Ofi	W05	85 Dmnd	55	7	0.000331772	8.96094E-06	-3.63925E-08
Ofi	W06	85 Dmnd	55	7	0.000236786	4.34114E-06	-1.60047E-08
Ofi	W07	85 Dmnd	55	7	0.00018685	4.04756E-06	-2.49596E-08
Ofi	W08	85 Dmnd	55	7	0.000190726	3.91706E-06	-1.29574E-08
Ofi	W09	85 Dmnd	55	7	0.00018697	5.30712E-06	-1.92458E-08
Ofi	W10	85 Dmnd	55	7	0.00019148	6.76628E-06	-1.50529E-08
Ofi	W11	85 Dmnd	55	7	0.000222485	1.45771E-05	-1.67661E-08
Ofi	W12	85 Dmnd	55	7	0.000282727	1.40359E-05	-2.43886E-08
Ofi	W13	85 Dmnd	55	7	0.000248001	1.05592E-05	-1.54336E-08
Ofi	W14	85 Dmnd	55	7	0.000145282	7.07152E-06	-1.2575E-08
Ofi	W15	85 Dmnd	55	7	6.31236E-05	2.17323E-06	-9.9084E-09
Ofi	W16	85 Dmnd	55	7	0.000189439	1.70555E-05	-1.5624E-08
Ofi	W01	85 Dmnd	59	3	0.000257519	1.48489E-06	2.66762E-08
Ofi	W02	85 Dmnd	59	3	0.000162345	3.5199E-06	-2.47796E-09
Ofi	W03	85 Dmnd	59	3	0.000235775	9.6426E-07	-6.098E-09
Ofi	W04	85 Dmnd	59	3	0.000198031	1.29162E-06	-3.23764E-09
Ofi	W05	85 Dmnd	59	3	0.000213379	2.43166E-07	-8.57425E-09
Ofi	W06	85 Dmnd	59	3	0.000171073	-8.72344E-07	-2.47624E-09



## SAT Reset db

Ofl	W07	85	Dmnd	59	3	0.000129951	-8.83147E-07	-2.28761E-09
Ofl	W08	85	Dmnd	59	3	0.000128151	-8.61369E-07	5.52696E-09
Ofl	W09	85	Dmnd	59	3	0.000118016	-8.61712E-07	5.14455E-09
Ofl	W10	85	Dmnd	59	3	0.000117947	2.67688E-07	2.47796E-09
Ofl	W11	85	Dmnd	59	3	0.000121874	4.37612E-06	3.049E-09
Ofl	W12	85	Dmnd	59	3	0.000151455	4.00297E-06	-1.1438E-09
Ofl	W13	85	Dmnd	59	3	0.000133741	2.66968E-06	3.81211E-09
Ofl	W14	85	Dmnd	59	3	8.56739E-05	1.2292E-06	3.81211E-09
Ofl	W15	85	Dmnd	59	3	5.59727E-05	-1.18959E-06	4.00074E-09
Ofl	W16	85	Dmnd	59	3	9.73348E-05	5.45545E-06	4.38315E-09
Ofl	W01	85	Dmnd	59	7	0.000298572	3.29903E-06	2.55324E-08
Ofl	W02	85	Dmnd	59	7	0.000185187	5.5652E-06	-9.9084E-09
Ofl	W03	85	Dmnd	59	7	0.000278903	2.64721E-06	-9.33735E-09
Ofl	W04	85	Dmnd	59	7	0.00022967	2.82127E-06	-4.57179E-09
Ofl	W05	85	Dmnd	59	7	0.000274256	2.11767E-06	-1.42898E-08
Ofl	W06	85	Dmnd	59	7	0.000227921	1.75601E-07	-3.81039E-09
Ofl	W07	85	Dmnd	59	7	0.000180728	1.56051E-08	-6.098E-09
Ofl	W08	85	Dmnd	59	7	0.000168707	2.47796E-07	1.9052E-09
Ofl	W09	85	Dmnd	59	7	0.000148969	6.09286E-07	5.71045E-10
Ofl	W10	85	Dmnd	59	7	0.000145008	1.6646E-06	-2.47624E-09
Ofl	W11	85	Dmnd	59	7	0.000135319	6.66013E-06	-2.85694E-09
Ofl	W12	85	Dmnd	59	7	0.000182837	6.00592E-06	-8.0032E-09
Ofl	W13	85	Dmnd	59	7	0.000155863	4.44403E-06	-1.14209E-09
Ofl	W14	85	Dmnd	59	7	9.90668E-05	2.29653E-06	-1.5245E-09
Ofl	W15	85	Dmnd	59	7	5.9711E-05	-3.30623E-07	-7.63108E-10
Ofl	W16	85	Dmnd	59	7	0.000107675	7.1655E-06	1.33415E-09
Ofl	W01	96	Dmnd	55	3	0.000267791	4.15662E-06	2.59131E-08
Ofl	W02	96	Dmnd	55	3	0.000165757	6.39039E-06	-9.33564E-09
Ofl	W03	96	Dmnd	55	3	0.00020333	4.31113E-06	-1.60064E-08
Ofl	W04	96	Dmnd	55	3	0.000170679	3.16132E-06	-1.00987E-08
Ofl	W05	96	Dmnd	55	3	0.000151833	3.79976E-06	-1.67678E-08
Ofl	W06	96	Dmnd	55	3	0.000104812	1.45934E-06	-9.33564E-09
Ofl	W07	96	Dmnd	55	3	7.2521E-05	1.45505E-06	-1.42898E-08
Ofl	W08	96	Dmnd	55	3	8.88635E-05	1.37171E-06	-3.62005E-09
Ofl	W09	96	Dmnd	55	3	9.77121E-05	1.98528E-06	-9.33735E-09
Ofl	W10	96	Dmnd	55	3	9.24132E-05	2.44195E-06	-5.52696E-09
Ofl	W11	96	Dmnd	55	3	0.000114689	7.28245E-06	-6.66905E-09
Ofl	W12	96	Dmnd	55	3	0.000144613	6.48144E-06	-1.12426E-08
Ofl	W13	96	Dmnd	55	3	0.000131666	4.90738E-06	-4.38144E-09
Ofl	W14	96	Dmnd	55	3	9.43339E-05	2.8602E-06	-4.76385E-09
Ofl	W15	96	Dmnd	55	3	3.94758E-05	1.1601E-06	-2.66831E-09
Ofl	W16	96	Dmnd	55	3	0.00010121	8.89887E-06	-6.4787E-09
Ofl	W01	96	Dmnd	55	7	0.000346828	8.87726E-06	2.28641E-08
Ofl	W02	96	Dmnd	55	7	0.000216928	1.1317E-05	-1.31477E-08
Ofl	W03	96	Dmnd	55	7	0.000300099	8.79941E-06	-1.96264E-08
Ofl	W04	96	Dmnd	55	7	0.000249253	7.10411E-06	-1.35284E-08
Ofl	W05	96	Dmnd	55	7	0.000245686	8.19303E-06	-2.05782E-08
Ofl	W06	96	Dmnd	55	7	0.000189354	4.35212E-06	-1.18136E-08
Ofl	W07	96	Dmnd	55	7	0.000151781	4.18166E-06	-1.79099E-08
Ofl	W08	96	Dmnd	55	7	0.00015317	4.18132E-06	-6.8594E-09
Ofl	W09	96	Dmnd	55	7	0.000149089	4.99193E-06	-1.25767E-08
Ofl	W10	96	Dmnd	55	7	0.0001465	5.80151E-06	-9.71805E-09
Ofl	W11	96	Dmnd	55	7	0.000154405	1.22634E-05	-1.18136E-08
Ofl	W12	96	Dmnd	55	7	0.00019064	1.13866E-05	-1.54336E-08
Ofl	W13	96	Dmnd	55	7	0.00016929	9.03228E-06	-6.66905E-09
Ofl	W14	96	Dmnd	55	7	0.000107127	5.42475E-06	-5.71559E-09
Ofl	W15	96	Dmnd	55	7	5.3589E-05	2.9968E-06	-5.3349E-09
Ofl	W16	96	Dmnd	55	7	0.000126985	1.28391E-05	-8.57425E-09
Ofl	W01	96	Dmnd	59	3	0.000166958	1.43824E-06	1.94344E-08
Ofl	W02	96	Dmnd	59	3	0.00011294	3.1416E-06	1.33415E-09
Ofl	W03	96	Dmnd	59	3	0.000167969	1.57303E-06	-2.85865E-09

SAT Reset db

Ofl	W04	96 Dmnd	59	3	0.000145471	1.406E-06	3.049E-09
Ofl	W05	96 Dmnd	59	3	0.000152553	9.19674E-07	-2.85865E-09
Ofl	W06	96 Dmnd	59	3	0.000129643	2.14356E-08	0
Ofl	W07	96 Dmnd	59	3	0.000108807	-6.8251E-08	3.80697E-10
Ofl	W08	96 Dmnd	59	3	0.000102942	-2.33391E-07	1.12426E-08
Ofl	W09	96 Dmnd	59	3	9.14872E-05	-4.99021E-08	8.3839E-09
Ofl	W10	96 Dmnd	59	3	0.000101673	7.53848E-07	7.6225E-09
Ofl	W11	96 Dmnd	59	3	9.25847E-05	4.3005E-06	8.19355E-09
Ofl	W12	96 Dmnd	59	3	0.000103268	3.4453E-06	5.14455E-09
Ofl	W13	96 Dmnd	59	3	9.6546E-05	2.59114E-06	8.76631E-09
Ofl	W14	96 Dmnd	59	3	5.97796E-05	8.72172E-07	8.0032E-09
Ofl	W15	96 Dmnd	59	3	5.42407E-05	-2.73553E-07	1.06698E-08
Ofl	W16	96 Dmnd	59	3	6.80281E-05	4.11392E-06	6.47699E-09
Ofl	W01	96 Dmnd	59	7	0.000190108	3.04008E-06	1.86713E-08
Ofl	W02	96 Dmnd	59	7	0.000124567	4.87995E-06	-2.47624E-09
Ofl	W03	96 Dmnd	59	7	0.000192337	3.15601E-06	-5.3349E-09
Ofl	W04	96 Dmnd	59	7	0.000158418	2.80652E-06	1.92063E-10
Ofl	W05	96 Dmnd	59	7	0.000191549	2.61137E-06	-6.66905E-09
Ofl	W06	96 Dmnd	59	7	0.0001655	1.19113E-06	-1.14209E-09
Ofl	W07	96 Dmnd	59	7	0.000141441	8.86748E-07	-1.9052E-09
Ofl	W08	96 Dmnd	59	7	0.000126796	8.80747E-07	9.14529E-09
Ofl	W09	96 Dmnd	59	7	0.000112871	1.32215E-06	4.76214E-09
Ofl	W10	96 Dmnd	59	7	0.000114106	2.03741E-06	3.4297E-09
Ofl	W11	96 Dmnd	59	7	9.81237E-05	5.91469E-06	3.81039E-09
Ofl	W12	96 Dmnd	59	7	0.000111157	5.01748E-06	7.61393E-10
Ofl	W13	96 Dmnd	59	7	9.80036E-05	3.95256E-06	5.33661E-09
Ofl	W14	96 Dmnd	59	7	6.20089E-05	1.61127E-06	4.00246E-09
Ofl	W15	96 Dmnd	59	7	5.16856E-05	3.9896E-07	7.43044E-09
Ofl	W16	96 Dmnd	59	7	7.66023E-05	5.45596E-06	3.81039E-09
Ofl	W01	3 Dmnd	55	3	0.000215574	3.56088E-06	1.65774E-08
Ofl	W02	3 Dmnd	55	3	9.87582E-05	2.53558E-06	-4.9542E-09
Ofl	W03	3 Dmnd	55	3	0.000160493	3.45182E-06	-1.65774E-08
Ofl	W04	3 Dmnd	55	3	0.000136794	2.47281E-06	-1.04794E-08
Ofl	W05	3 Dmnd	55	3	0.000125424	3.27433E-06	-1.90537E-08
Ofl	W06	3 Dmnd	55	3	8.25014E-05	3.3575E-06	-1.16215E-08
Ofl	W07	3 Dmnd	55	3	5.90766E-05	3.2282E-06	-1.31477E-08
Ofl	W08	3 Dmnd	55	3	6.82681E-05	2.31419E-06	-3.049E-09
Ofl	W09	3 Dmnd	55	3	7.45959E-05	3.61936E-06	-9.71634E-09
Ofl	W10	3 Dmnd	55	3	5.76361E-05	4.64553E-07	-4.5735E-09
Ofl	W11	3 Dmnd	55	3	7.07204E-05	2.57793E-06	-4.38315E-09
Ofl	W12	3 Dmnd	55	3	9.6546E-05	2.30682E-06	-8.57425E-09
Ofl	W13	3 Dmnd	55	3	8.32902E-05	1.80128E-06	-2.28761E-09
Ofl	W14	3 Dmnd	55	3	6.21633E-05	1.31306E-06	-4.38315E-09
Ofl	W15	3 Dmnd	55	3	2.81064E-05	5.74252E-07	-5.7276E-10
Ofl	W16	3 Dmnd	55	3	5.90251E-05	4.2638E-06	-6.8594E-09
Ofl	W01	3 Dmnd	55	7	0.000263298	7.63742E-06	1.39091E-08
Ofl	W02	3 Dmnd	55	7	0.000116438	5.1797E-06	-8.3839E-09
Ofl	W03	3 Dmnd	55	7	0.000219844	7.09399E-06	-1.94344E-08
Ofl	W04	3 Dmnd	55	7	0.000187313	5.64443E-06	-1.33364E-08
Ofl	W05	3 Dmnd	55	7	0.000192921	6.91324E-06	-2.17203E-08
Ofl	W06	3 Dmnd	55	7	0.00013808	5.55628E-06	-1.33364E-08
Ofl	W07	3 Dmnd	55	7	0.000111688	5.43058E-06	-1.6195E-08
Ofl	W08	3 Dmnd	55	7	0.00010951	4.42877E-06	-5.71731E-09
Ofl	W09	3 Dmnd	55	7	0.000107504	6.71689E-06	-1.2575E-08
Ofl	W10	3 Dmnd	55	7	8.23299E-05	2.54964E-06	-5.71559E-09
Ofl	W11	3 Dmnd	55	7	8.10781E-05	5.3481E-06	-8.0032E-09
Ofl	W12	3 Dmnd	55	7	0.000114483	5.06446E-06	-1.14329E-08
Ofl	W13	3 Dmnd	55	7	9.18816E-05	4.19486E-06	-4.38315E-09
Ofl	W14	3 Dmnd	55	7	6.77708E-05	3.2601E-06	-5.71731E-09
Ofl	W15	3 Dmnd	55	7	3.54802E-05	1.9784E-06	-3.4297E-09
Ofl	W16	3 Dmnd	55	7	7.52133E-05	6.99264E-06	-8.76459E-09

## SAT Reset db

Ofl	W01	3 Dmnd	59	3	0.000111499	9.67003E-07	1.90348E-10
Ofl	W02	3 Dmnd	59	3	5.48923E-05	4.96277E-07	4.19109E-09
Ofl	W03	3 Dmnd	59	3	0.000117433	7.22809E-07	-3.23935E-09
Ofl	W04	3 Dmnd	59	3	0.000102685	7.40643E-07	1.33244E-09
Ofl	W05	3 Dmnd	59	3	0.000111448	3.29765E-07	-4.38144E-09
Ofl	W06	3 Dmnd	59	3	9.04754E-05	-3.16904E-07	1.52279E-09
Ofl	W07	3 Dmnd	59	3	8.17983E-05	-2.66659E-07	1.9052E-09
Ofl	W08	3 Dmnd	59	3	7.16292E-05	-4.69183E-07	1.18136E-08
Ofl	W09	3 Dmnd	59	3	5.90937E-05	7.31898E-07	7.6225E-09
Ofl	W10	3 Dmnd	59	3	5.15141E-05	-3.90008E-07	6.098E-09
Ofl	W11	3 Dmnd	59	3	4.37115E-05	8.51251E-07	8.57425E-09
Ofl	W12	3 Dmnd	59	3	5.47037E-05	4.34714E-07	4.00246E-09
Ofl	W13	3 Dmnd	59	3	4.89589E-05	2.50711E-07	7.81114E-09
Ofl	W14	3 Dmnd	59	3	3.54974E-05	-5.40177E-08	7.81285E-09
Ofl	W15	3 Dmnd	59	3	3.96645E-05	-5.56383E-07	1.04794E-08
Ofl	W16	3 Dmnd	59	3	3.68521E-05	9.87067E-07	6.8594E-09
Ofl	W01	3 Dmnd	59	7	0.000130243	2.32225E-06	-5.71045E-10
Ofl	W02	3 Dmnd	59	7	6.2712E-05	1.45865E-06	9.53456E-10
Ofl	W03	3 Dmnd	59	7	0.00014307	2.23102E-06	-5.71559E-09
Ofl	W04	3 Dmnd	59	7	0.000113557	1.96127E-06	-1.1438E-09
Ofl	W05	3 Dmnd	59	7	0.000143173	1.77144E-06	-8.00149E-09
Ofl	W06	3 Dmnd	59	7	0.000122732	6.76165E-07	1.90348E-10
Ofl	W07	3 Dmnd	59	7	0.0001139	5.85449E-07	-9.53456E-10
Ofl	W08	3 Dmnd	59	7	9.8158E-05	4.41231E-07	9.9084E-09
Ofl	W09	3 Dmnd	59	7	7.79913E-05	1.75858E-06	4.19281E-09
Ofl	W10	3 Dmnd	59	7	5.62985E-05	4.73813E-07	2.47624E-09
Ofl	W11	3 Dmnd	59	7	4.95763E-05	1.75635E-06	4.00246E-09
Ofl	W12	3 Dmnd	59	7	6.3398E-05	1.4487E-06	5.7276E-10
Ofl	W13	3 Dmnd	59	7	5.23029E-05	1.27379E-06	4.76385E-09
Ofl	W14	3 Dmnd	59	7	3.80697E-05	5.41892E-07	4.19281E-09
Ofl	W15	3 Dmnd	59	7	3.97674E-05	-1.69427E-08	8.0032E-09
Ofl	W16	3 Dmnd	59	7	4.44146E-05	1.78567E-06	4.19281E-09
Ofl	W01	5 Dmnd	55	3	0.000168587	4.10655E-06	1.37188E-08
Ofl	W02	5 Dmnd	55	3	7.87459E-05	2.85059E-06	-5.71559E-09
Ofl	W03	5 Dmnd	55	3	0.000135782	3.90162E-06	-1.65757E-08
Ofl	W04	5 Dmnd	55	3	0.000118307	2.91233E-06	-1.06698E-08
Ofl	W05	5 Dmnd	55	3	0.000114072	3.88602E-06	-1.79099E-08
Ofl	W06	5 Dmnd	55	3	8.44392E-05	3.72551E-06	-9.9084E-09
Ofl	W07	5 Dmnd	55	3	6.66905E-05	3.54202E-06	-1.31477E-08
Ofl	W08	5 Dmnd	55	3	6.88683E-05	2.19552E-06	-4.38144E-09
Ofl	W09	5 Dmnd	55	3	7.02231E-05	4.72372E-06	-1.04794E-08
Ofl	W10	5 Dmnd	55	3	5.17884E-05	8.10952E-07	-6.098E-09
Ofl	W11	5 Dmnd	55	3	5.83563E-05	2.84854E-06	-5.52524E-09
Ofl	W12	5 Dmnd	55	3	7.73054E-05	2.54141E-06	-9.71805E-09
Ofl	W13	5 Dmnd	55	3	7.10291E-05	2.12521E-06	-3.4297E-09
Ofl	W14	5 Dmnd	55	3	4.90618E-05	1.63116E-06	-5.52524E-09
Ofl	W15	5 Dmnd	55	3	2.76091E-05	8.01006E-07	-9.51741E-10
Ofl	W16	5 Dmnd	55	3	4.69354E-05	4.58465E-06	-7.81285E-09
Ofl	W01	5 Dmnd	55	7	0.000205645	8.27243E-06	1.04794E-08
Ofl	W02	5 Dmnd	55	7	9.39051E-05	5.76601E-06	-9.90668E-09
Ofl	W03	5 Dmnd	55	7	0.000184518	7.80153E-06	-2.00054E-08
Ofl	W04	5 Dmnd	55	7	0.000162225	6.3103E-06	-1.37188E-08
Ofl	W05	5 Dmnd	55	7	0.000167747	7.818E-06	-2.15299E-08
Ofl	W06	5 Dmnd	55	7	0.000131923	6.2213E-06	-1.20039E-08
Ofl	W07	5 Dmnd	55	7	0.000114552	5.88896E-06	-1.63871E-08
Ofl	W08	5 Dmnd	55	7	0.000105515	4.49668E-06	-7.24009E-09
Ofl	W09	5 Dmnd	55	7	0.000101588	8.73578E-06	-1.39091E-08
Ofl	W10	5 Dmnd	55	7	7.04632E-05	2.91113E-06	-7.6225E-09
Ofl	W11	5 Dmnd	55	7	6.68963E-05	5.69776E-06	-1.00987E-08
Ofl	W12	5 Dmnd	55	7	9.26876E-05	5.51393E-06	-1.29557E-08
Ofl	W13	5 Dmnd	55	7	8.11638E-05	4.62924E-06	-4.9542E-09

## SAT Reset db

Ofi	W14	5 Dmnd	55	7	5.36062E-05	3.58301E-06	-7.04974E-09
Ofi	W15	5 Dmnd	55	7	3.68178E-05	2.23642E-06	-3.62005E-09
Ofi	W16	5 Dmnd	55	7	5.96253E-05	7.40043E-06	-9.9084E-09
Ofi	W01	5 Dmnd	59	3	7.74769E-05	1.2028E-06	-1.71485E-09
Ofi	W02	5 Dmnd	59	3	4.00589E-05	6.34151E-07	3.23935E-09
Ofi	W03	5 Dmnd	59	3	8.66513E-05	9.91354E-07	-4.19109E-09
Ofi	W04	5 Dmnd	59	3	7.96204E-05	9.94955E-07	5.7276E-10
Ofi	W05	5 Dmnd	59	3	8.49536E-05	6.84053E-07	-5.14455E-09
Ofi	W06	5 Dmnd	59	3	7.08404E-05	-7.16807E-08	1.90348E-10
Ofi	W07	5 Dmnd	59	3	6.97772E-05	-1.36159E-07	1.90348E-10
Ofi	W08	5 Dmnd	59	3	5.9591E-05	-2.27903E-07	9.71634E-09
Ofi	W09	5 Dmnd	59	3	5.15655E-05	1.45111E-06	5.52524E-09
Ofi	W10	5 Dmnd	59	3	4.09849E-05	-2.81321E-07	4.76385E-09
Ofi	W11	5 Dmnd	59	3	3.41083E-05	8.82976E-07	6.66905E-09
Ofi	W12	5 Dmnd	59	3	4.12421E-05	4.74499E-07	2.85865E-09
Ofi	W13	5 Dmnd	59	3	4.04704E-05	4.33342E-07	6.28835E-09
Ofi	W14	5 Dmnd	59	3	2.63744E-05	-6.8594E-09	4.95248E-09
Ofi	W15	5 Dmnd	59	3	3.55831E-05	-3.97365E-07	8.57425E-09
Ofi	W16	5 Dmnd	59	3	2.63744E-05	1.17416E-06	4.57179E-09
Ofi	W01	5 Dmnd	59	7	8.87606E-05	2.60931E-06	-2.28761E-09
Ofi	W02	5 Dmnd	59	7	4.45003E-05	1.67266E-06	-3.80697E-10
Ofi	W03	5 Dmnd	59	7	0.000103457	2.50059E-06	-7.04974E-09
Ofi	W04	5 Dmnd	59	7	9.04926E-05	2.23325E-06	-2.28589E-09
Ofi	W05	5 Dmnd	59	7	0.000105823	2.1295E-06	-9.33564E-09
Ofi	W06	5 Dmnd	59	7	9.46597E-05	9.38708E-07	-1.14209E-09
Ofi	W07	5 Dmnd	59	7	9.3888E-05	8.01263E-07	-2.66831E-09
Ofi	W08	5 Dmnd	59	7	7.93461E-05	7.50075E-07	7.81114E-09
Ofi	W09	5 Dmnd	59	7	6.23176E-05	2.56473E-06	1.9052E-09
Ofi	W10	5 Dmnd	59	7	4.28026E-05	5.99426E-07	1.5245E-09
Ofi	W11	5 Dmnd	59	7	3.76238E-05	1.86336E-06	1.1438E-09
Ofi	W12	5 Dmnd	59	7	4.73127E-05	1.51473E-06	-1.1438E-09
Ofi	W13	5 Dmnd	59	7	4.08992E-05	1.34204E-06	3.4297E-09
Ofi	W14	5 Dmnd	59	7	2.68031E-05	6.16317E-07	2.47624E-09
Ofi	W15	5 Dmnd	59	7	3.48457E-05	2.31899E-07	5.52524E-09
Ofi	W16	5 Dmnd	59	7	3.19991E-05	1.96882E-06	2.09555E-09
Hsp	W01	75 Dmnd	55	3	0.000146235	2.90174E-05	1.28089E-08
Hsp	W02	75 Dmnd	55	3	8.59736E-05	2.40918E-05	-1.93581E-09
Hsp	W03	75 Dmnd	55	3	0.000146294	2.42018E-05	-1.51023E-09
Hsp	W04	75 Dmnd	55	3	0.000127468	2.19515E-05	-1.83828E-09
Hsp	W05	75 Dmnd	55	3	0.000142659	2.27043E-05	-2.16633E-09
Hsp	W06	75 Dmnd	55	3	0.000164027	1.90886E-05	3.44604E-09
Hsp	W07	75 Dmnd	55	3	0.000154303	1.84162E-05	-5.91087E-10
Hsp	W08	75 Dmnd	55	3	0.00013063	1.67056E-05	-2.23431E-09
Hsp	W09	75 Dmnd	55	3	0.000128709	1.78431E-05	-2.19884E-09
Hsp	W10	75 Dmnd	55	3	9.17367E-05	1.7795E-05	-2.43232E-09
Hsp	W11	75 Dmnd	55	3	6.73544E-05	2.11772E-05	-2.59487E-09
Hsp	W12	75 Dmnd	55	3	9.26825E-05	2.33875E-05	-1.93581E-09
Hsp	W13	75 Dmnd	55	3	8.59145E-05	2.00461E-05	-1.67278E-09
Hsp	W14	75 Dmnd	55	3	5.54144E-05	1.99551E-05	-1.9033E-09
Hsp	W15	75 Dmnd	55	3	6.84479E-05	1.32531E-05	-1.70824E-09
Hsp	W16	75 Dmnd	55	3	4.54546E-05	2.72382E-05	-2.19884E-09
Hsp	W01	75 Dmnd	55	7	0.000177829	5.43552E-05	2.30879E-08
Hsp	W02	75 Dmnd	55	7	0.000117715	4.77758E-05	9.87116E-10
Hsp	W03	75 Dmnd	55	7	0.00019964	4.87097E-05	4.20559E-09
Hsp	W04	75 Dmnd	55	7	0.000191335	4.58743E-05	2.49439E-09
Hsp	W05	75 Dmnd	55	7	0.000194113	4.70556E-05	3.05592E-09
Hsp	W06	75 Dmnd	55	7	0.000256768	4.2537E-05	1.3199E-08
Hsp	W07	75 Dmnd	55	7	0.000257773	4.17482E-05	5.94634E-09
Hsp	W08	75 Dmnd	55	7	0.000222456	4.00574E-05	1.70824E-09
Hsp	W09	75 Dmnd	55	7	0.000208033	4.05069E-05	9.87116E-10
Hsp	W10	75 Dmnd	55	7	0.000155308	4.10865E-05	-8.86631E-10

SAT Reset db

Hsp	W11	75 Dmnd	55	7	0.000110592	4.55013E-05	-3.60563E-10
Hsp	W12	75 Dmnd	55	7	0.000135566	4.79457E-05	7.89101E-10
Hsp	W13	75 Dmnd	55	7	0.000140797	4.36243E-05	-4.90602E-10
Hsp	W14	75 Dmnd	55	7	9.71156E-05	4.35232E-05	-1.77326E-09
Hsp	W15	75 Dmnd	55	7	0.000129773	3.46176E-05	-1.90626E-09
Hsp	W16	75 Dmnd	55	7	6.75022E-05	5.09476E-05	1.25015E-09
Hsp	W01	75 Dmnd	59	3	4.51591E-05	2.70833E-05	3.316E-09
Hsp	W02	75 Dmnd	59	3	3.02341E-05	2.24551E-05	-3.77705E-09
Hsp	W03	75 Dmnd	59	3	6.67337E-05	2.35929E-05	-4.40064E-09
Hsp	W04	75 Dmnd	59	3	6.73839E-05	2.13252E-05	-4.26765E-09
Hsp	W05	75 Dmnd	59	3	6.04387E-05	2.24853E-05	-3.54652E-09
Hsp	W06	75 Dmnd	59	3	9.2712E-05	1.94512E-05	-3.28053E-10
Hsp	W07	75 Dmnd	59	3	0.000107312	1.86512E-05	-2.42937E-09
Hsp	W08	75 Dmnd	59	3	8.44959E-05	1.74705E-05	-1.93581E-09
Hsp	W09	75 Dmnd	59	3	7.50976E-05	1.79297E-05	-3.02046E-09
Hsp	W10	75 Dmnd	59	3	5.21634E-05	1.77261E-05	-4.36813E-09
Hsp	W11	75 Dmnd	59	3	3.32487E-05	2.03709E-05	-3.316E-09
Hsp	W12	75 Dmnd	59	3	4.14648E-05	2.21729E-05	-4.59866E-09
Hsp	W13	75 Dmnd	59	3	4.28243E-05	1.90079E-05	-3.74454E-09
Hsp	W14	75 Dmnd	59	3	2.71605E-05	1.87555E-05	-3.9396E-09
Hsp	W15	75 Dmnd	59	3	3.91891E-05	1.30001E-05	-3.18596E-09
Hsp	W16	75 Dmnd	59	3	1.63436E-05	2.34014E-05	-2.88746E-09
Hsp	W01	75 Dmnd	59	7	4.96513E-05	4.64716E-05	6.632E-09
Hsp	W02	75 Dmnd	59	7	3.93664E-05	3.94894E-05	-4.8942E-09
Hsp	W03	75 Dmnd	59	7	7.72255E-05	4.20618E-05	-4.1051E-09
Hsp	W04	75 Dmnd	59	7	8.59145E-05	3.87712E-05	-5.12177E-09
Hsp	W05	75 Dmnd	59	7	7.35608E-05	4.07525E-05	-3.34851E-09
Hsp	W06	75 Dmnd	59	7	0.000125606	3.69557E-05	2.26682E-09
Hsp	W07	75 Dmnd	59	7	0.000147949	3.60944E-05	-2.13382E-09
Hsp	W08	75 Dmnd	59	7	0.000121439	3.43794E-05	-3.05297E-09
Hsp	W09	75 Dmnd	59	7	0.000103913	3.4104E-05	-4.13761E-09
Hsp	W10	75 Dmnd	59	7	7.45065E-05	3.39444E-05	-5.48529E-09
Hsp	W11	75 Dmnd	59	7	5.17201E-05	3.76502E-05	-4.30311E-09
Hsp	W12	75 Dmnd	59	7	5.46165E-05	3.95957E-05	-5.6833E-09
Hsp	W13	75 Dmnd	59	7	6.69406E-05	3.55311E-05	-4.69619E-09
Hsp	W14	75 Dmnd	59	7	4.64595E-05	3.51233E-05	-4.85874E-09
Hsp	W15	75 Dmnd	59	7	7.03689E-05	2.75757E-05	-3.94255E-09
Hsp	W16	75 Dmnd	59	7	2.59192E-05	4.05317E-05	-3.87458E-09
Hsp	W01	85 Dmnd	55	3	0.000157613	3.0404E-05	1.42186E-08
Hsp	W02	85 Dmnd	55	3	9.56379E-05	2.57714E-05	-1.61071E-09
Hsp	W03	85 Dmnd	55	3	0.000160776	2.54694E-05	0
Hsp	W04	85 Dmnd	55	3	0.000137871	2.35876E-05	-1.51023E-09
Hsp	W05	85 Dmnd	55	3	0.000156431	2.43859E-05	-7.21126E-10
Hsp	W06	85 Dmnd	55	3	0.000174282	2.04389E-05	5.12177E-09
Hsp	W07	85 Dmnd	55	3	0.000163613	1.98821E-05	1.01667E-09
Hsp	W08	85 Dmnd	55	3	0.000138846	1.76017E-05	-2.00379E-09
Hsp	W09	85 Dmnd	55	3	0.000136896	1.90735E-05	-1.64322E-09
Hsp	W10	85 Dmnd	55	3	9.98346E-05	1.87983E-05	-2.16929E-09
Hsp	W11	85 Dmnd	55	3	7.57183E-05	2.23301E-05	-2.33184E-09
Hsp	W12	85 Dmnd	55	3	0.000101371	2.47668E-05	-1.51023E-09
Hsp	W13	85 Dmnd	55	3	9.23278E-05	2.14346E-05	-1.44521E-09
Hsp	W14	85 Dmnd	55	3	5.87541E-05	2.12262E-05	-1.87079E-09
Hsp	W15	85 Dmnd	55	3	7.35608E-05	1.4189E-05	-1.77326E-09
Hsp	W16	85 Dmnd	55	3	5.17792E-05	2.94426E-05	-1.77326E-09
Hsp	W01	85 Dmnd	55	7	0.00019296	5.79109E-05	2.49882E-08
Hsp	W02	85 Dmnd	55	7	0.000131872	5.15265E-05	2.42937E-09
Hsp	W03	85 Dmnd	55	7	0.000222071	5.18856E-05	6.66746E-09
Hsp	W04	85 Dmnd	55	7	0.000210545	4.97004E-05	3.84207E-09
Hsp	W05	85 Dmnd	55	7	0.000213767	5.09579E-05	5.3848E-09
Hsp	W06	85 Dmnd	55	7	0.000273526	4.57744E-05	1.50077E-08
Hsp	W07	85 Dmnd	55	7	0.000275801	4.51617E-05	8.07721E-09



SAT Reset db

Hsp	W08	85	Dmnd	55	7	0.000238001	4.24525E-05	3.02046E-09
Hsp	W09	85	Dmnd	55	7	0.000223933	4.34845E-05	2.95544E-09
Hsp	W10	85	Dmnd	55	7	0.000169258	4.36211E-05	7.53636E-10
Hsp	W11	85	Dmnd	55	7	0.000123123	4.84523E-05	1.18217E-09
Hsp	W12	85	Dmnd	55	7	0.000150609	5.12606E-05	2.29933E-09
Hsp	W13	85	Dmnd	55	7	0.000152855	4.69684E-05	1.01667E-09
Hsp	W14	85	Dmnd	55	7	0.000103647	4.64216E-05	-1.30039E-10
Hsp	W15	85	Dmnd	55	7	0.000140561	3.6619E-05	-9.87116E-10
Hsp	W16	85	Dmnd	55	7	7.7728E-05	5.57324E-05	3.12094E-09
Hsp	W01	85	Dmnd	59	3	5.73355E-05	3.02773E-05	5.28727E-09
Hsp	W02	85	Dmnd	59	3	4.18194E-05	2.50645E-05	-2.72491E-09
Hsp	W03	85	Dmnd	59	3	8.46732E-05	2.61497E-05	-2.39686E-09
Hsp	W04	85	Dmnd	59	3	8.05947E-05	2.38436E-05	-3.11798E-09
Hsp	W05	85	Dmnd	59	3	7.5275E-05	2.52323E-05	-1.80577E-09
Hsp	W06	85	Dmnd	59	3	0.000108199	2.1648E-05	1.31517E-09
Hsp	W07	85	Dmnd	59	3	0.000122976	2.08296E-05	-1.05214E-09
Hsp	W08	85	Dmnd	59	3	9.77363E-05	1.90794E-05	-1.34768E-09
Hsp	W09	85	Dmnd	59	3	8.82198E-05	1.98517E-05	-2.16633E-09
Hsp	W10	85	Dmnd	59	3	6.32168E-05	1.93614E-05	-3.51106E-09
Hsp	W11	85	Dmnd	59	3	4.25583E-05	2.24397E-05	-2.59487E-09
Hsp	W12	85	Dmnd	59	3	5.26954E-05	2.44624E-05	-3.08548E-09
Hsp	W13	85	Dmnd	59	3	5.28432E-05	2.11231E-05	-2.79289E-09
Hsp	W14	85	Dmnd	59	3	3.3692E-05	2.06464E-05	-3.12094E-09
Hsp	W15	85	Dmnd	59	3	4.76416E-05	1.41335E-05	-3.57903E-09
Hsp	W16	85	Dmnd	59	3	2.52394E-05	2.66796E-05	-2.10131E-09
Hsp	W01	85	Dmnd	59	7	6.10298E-05	5.17464E-05	9.78545E-09
Hsp	W02	85	Dmnd	59	7	5.1661E-05	4.39491E-05	-3.51401E-09
Hsp	W03	85	Dmnd	59	7	9.63472E-05	4.66388E-05	-9.5165E-10
Hsp	W04	85	Dmnd	59	7	0.000102849	4.34168E-05	-2.78993E-09
Hsp	W05	85	Dmnd	59	7	9.00521E-05	4.56316E-05	-4.58093E-10
Hsp	W06	85	Dmnd	59	7	0.000144757	4.11624E-05	5.35229E-09
Hsp	W07	85	Dmnd	59	7	0.000169672	4.03136E-05	5.58577E-10
Hsp	W08	85	Dmnd	59	7	0.000138876	3.76975E-05	-1.54274E-09
Hsp	W09	85	Dmnd	59	7	0.000122798	3.79629E-05	-2.59192E-09
Hsp	W10	85	Dmnd	59	7	8.84562E-05	3.73304E-05	-4.43315E-09
Hsp	W11	85	Dmnd	59	7	6.24484E-05	4.14311E-05	-3.4815E-09
Hsp	W12	85	Dmnd	59	7	6.78273E-05	4.36958E-05	-3.70907E-09
Hsp	W13	85	Dmnd	59	7	7.95012E-05	3.94051E-05	-3.61154E-09
Hsp	W14	85	Dmnd	59	7	5.42914E-05	3.8694E-05	-3.91004E-09
Hsp	W15	85	Dmnd	59	7	8.11858E-05	2.99501E-05	-4.23514E-09
Hsp	W16	85	Dmnd	59	7	3.59972E-05	4.58314E-05	-1.93877E-09
Hsp	W01	96	Dmnd	55	3	0.000173839	3.44066E-05	1.6846E-08
Hsp	W02	96	Dmnd	55	3	0.000106159	2.87493E-05	-3.93073E-10
Hsp	W03	96	Dmnd	55	3	0.000172982	2.87942E-05	5.68035E-09
Hsp	W04	96	Dmnd	55	3	0.000150845	2.66382E-05	3.21847E-09
Hsp	W05	96	Dmnd	55	3	0.000169169	2.75201E-05	1.97128E-09
Hsp	W06	96	Dmnd	55	3	0.000188852	2.35244E-05	8.7008E-09
Hsp	W07	96	Dmnd	55	3	0.000176883	2.29315E-05	6.36896E-09
Hsp	W08	96	Dmnd	55	3	0.000148156	2.04034E-05	-1.24719E-09
Hsp	W09	96	Dmnd	55	3	0.000150047	2.19893E-05	-7.56592E-10
Hsp	W10	96	Dmnd	55	3	0.000108671	2.14432E-05	-8.54121E-10
Hsp	W11	96	Dmnd	55	3	8.42004E-05	2.49128E-05	-1.11715E-09
Hsp	W12	96	Dmnd	55	3	0.000110001	2.75048E-05	5.58577E-10
Hsp	W13	96	Dmnd	55	3	0.000103233	2.38941E-05	-9.19141E-10
Hsp	W14	96	Dmnd	55	3	6.48127E-05	2.40646E-05	-1.44521E-09
Hsp	W15	96	Dmnd	55	3	8.48801E-05	1.6546E-05	-1.21468E-09
Hsp	W16	96	Dmnd	55	3	5.68921E-05	3.30066E-05	3.93073E-10
Hsp	W01	96	Dmnd	55	7	0.000217372	6.68531E-05	2.92263E-08
Hsp	W02	96	Dmnd	55	7	0.000150077	5.84789E-05	6.36896E-09
Hsp	W03	96	Dmnd	55	7	0.000247311	5.96847E-05	1.30689E-08
Hsp	W04	96	Dmnd	55	7	0.000233509	5.70225E-05	1.0542E-08

SAT Reset db

Hsp	W05	96 Dmnd	55	7	0.000238297	5.83852E-05	9.06432E-09
Hsp	W06	96 Dmnd	55	7	0.000298588	5.33557E-05	1.92103E-08
Hsp	W07	96 Dmnd	55	7	0.000298972	5.25808E-05	1.39881E-08
Hsp	W08	96 Dmnd	55	7	0.000256414	4.95562E-05	5.55031E-09
Hsp	W09	96 Dmnd	55	7	0.000246513	5.04856E-05	6.0084E-09
Hsp	W10	96 Dmnd	55	7	0.000187197	5.02788E-05	5.25181E-09
Hsp	W11	96 Dmnd	55	7	0.000139171	5.48165E-05	5.08926E-09
Hsp	W12	96 Dmnd	55	7	0.000167721	5.80318E-05	6.99256E-09
Hsp	W13	96 Dmnd	55	7	0.000171386	5.31612E-05	4.5957E-09
Hsp	W14	96 Dmnd	55	7	0.000117538	5.35797E-05	3.90709E-09
Hsp	W15	96 Dmnd	55	7	0.000160805	4.29286E-05	3.38102E-09
Hsp	W16	96 Dmnd	55	7	9.00817E-05	6.41273E-05	6.99256E-09
Hsp	W01	96 Dmnd	59	3	6.88025E-05	3.60933E-05	8.9993E-09
Hsp	W02	96 Dmnd	59	3	4.99469E-05	2.91424E-05	-5.91087E-10
Hsp	W03	96 Dmnd	59	3	9.65245E-05	3.09614E-05	-1.74075E-09
Hsp	W04	96 Dmnd	59	3	8.71558E-05	2.79481E-05	-2.33184E-09
Hsp	W05	96 Dmnd	59	3	8.62987E-05	2.96164E-05	-1.5782E-09
Hsp	W06	96 Dmnd	59	3	0.000119281	2.59274E-05	2.26682E-09
Hsp	W07	96 Dmnd	59	3	0.000132965	2.49161E-05	-8.51166E-10
Hsp	W08	96 Dmnd	59	3	0.000105243	2.27196E-05	-2.63034E-10
Hsp	W09	96 Dmnd	59	3	9.58152E-05	2.35096E-05	-9.75294E-11
Hsp	W10	96 Dmnd	59	3	7.14033E-05	2.27243E-05	-1.24719E-09
Hsp	W11	96 Dmnd	59	3	5.0006E-05	2.58825E-05	-1.34768E-09
Hsp	W12	96 Dmnd	59	3	5.85767E-05	2.83039E-05	-1.77326E-09
Hsp	W13	96 Dmnd	59	3	5.99954E-05	2.44352E-05	-4.93558E-10
Hsp	W14	96 Dmnd	59	3	4.22036E-05	2.44802E-05	-8.54121E-10
Hsp	W15	96 Dmnd	59	3	5.63011E-05	1.70821E-05	-3.28053E-10
Hsp	W16	96 Dmnd	59	3	3.31009E-05	3.18209E-05	-1.51023E-09
Hsp	W01	96 Dmnd	59	7	7.18171E-05	6.12245E-05	1.40235E-08
Hsp	W02	96 Dmnd	59	7	6.38965E-05	5.16285E-05	2.95544E-10
Hsp	W03	96 Dmnd	59	7	0.000111154	5.51694E-05	2.33184E-09
Hsp	W04	96 Dmnd	59	7	0.000116001	5.13078E-05	-1.30039E-10
Hsp	W05	96 Dmnd	59	7	0.000104741	5.36917E-05	2.29637E-09
Hsp	W06	96 Dmnd	59	7	0.00016317	4.93484E-05	8.53825E-09
Hsp	W07	96 Dmnd	59	7	0.000188084	4.82821E-05	3.21847E-09
Hsp	W08	96 Dmnd	59	7	0.000154333	4.52971E-05	1.34768E-09
Hsp	W09	96 Dmnd	59	7	0.000138255	4.55297E-05	1.01963E-09
Hsp	W10	96 Dmnd	59	7	0.000102997	4.45115E-05	-1.08169E-09
Hsp	W11	96 Dmnd	59	7	7.39155E-05	4.82289E-05	-1.08465E-09
Hsp	W12	96 Dmnd	59	7	7.91466E-05	5.12224E-05	-6.91572E-10
Hsp	W13	96 Dmnd	59	7	9.15003E-05	4.60073E-05	-2.63034E-10
Hsp	W14	96 Dmnd	59	7	6.78273E-05	4.62082E-05	-4.93558E-10
Hsp	W15	96 Dmnd	59	7	9.72634E-05	3.62597E-05	-9.8416E-10
Hsp	W16	96 Dmnd	59	7	4.64003E-05	5.48189E-05	1.11715E-09
Hsp	W01	3 Dmnd	55	3	0.000109469	2.35799E-05	6.89799E-09
Hsp	W02	3 Dmnd	55	3	5.77197E-05	1.95224E-05	-9.75294E-11
Hsp	W03	3 Dmnd	55	3	0.000104209	1.95635E-05	7.53636E-10
Hsp	W04	3 Dmnd	55	3	8.91359E-05	1.78727E-05	9.8416E-10
Hsp	W05	3 Dmnd	55	3	0.000101076	1.85226E-05	-2.29933E-09
Hsp	W06	3 Dmnd	55	3	0.000112041	1.56094E-05	2.85495E-09
Hsp	W07	3 Dmnd	55	3	0.000104445	1.5055E-05	1.60776E-09
Hsp	W08	3 Dmnd	55	3	8.65943E-05	1.35306E-05	-1.11715E-09
Hsp	W09	3 Dmnd	55	3	8.57963E-05	1.46666E-05	-3.28053E-10
Hsp	W10	3 Dmnd	55	3	5.89314E-05	1.4328E-05	6.88617E-10
Hsp	W11	3 Dmnd	55	3	4.41247E-05	1.66329E-05	-1.65504E-10
Hsp	W12	3 Dmnd	55	3	6.01431E-05	1.84928E-05	-3.25098E-11
Hsp	W13	3 Dmnd	55	3	5.53258E-05	1.58804E-05	-4.90602E-10
Hsp	W14	3 Dmnd	55	3	3.07365E-05	1.60575E-05	5.58577E-10
Hsp	W15	3 Dmnd	55	3	4.30016E-05	1.07933E-05	-1.00485E-10
Hsp	W16	3 Dmnd	55	3	2.75151E-05	2.24799E-05	6.50196E-11
Hsp	W01	3 Dmnd	55	7	0.000122591	4.58456E-05	1.36955E-08

SAT Reset db

Hsp	W02	3	Dmnd	55	7	7.3413E-05	4.10427E-05	5.48529E-09
Hsp	W03	3	Dmnd	55	7	0.000135655	4.11819E-05	5.74537E-09
Hsp	W04	3	Dmnd	55	7	0.000130128	3.95496E-05	7.45361E-09
Hsp	W05	3	Dmnd	55	7	0.000130276	4.02649E-05	2.46188E-09
Hsp	W06	3	Dmnd	55	7	0.000167278	3.67943E-05	1.0344E-08
Hsp	W07	3	Dmnd	55	7	0.000169376	3.61281E-05	6.99552E-09
Hsp	W08	3	Dmnd	55	7	0.000144875	3.47692E-05	4.46566E-09
Hsp	W09	3	Dmnd	55	7	0.000136305	3.54242E-05	6.07638E-09
Hsp	W10	3	Dmnd	55	7	9.75294E-05	3.57989E-05	6.43694E-09
Hsp	W11	3	Dmnd	55	7	6.84183E-05	3.82983E-05	6.27144E-09
Hsp	W12	3	Dmnd	55	7	8.47915E-05	4.03175E-05	5.58282E-09
Hsp	W13	3	Dmnd	55	7	8.90768E-05	3.73712E-05	5.71581E-09
Hsp	W14	3	Dmnd	55	7	5.54144E-05	3.79874E-05	6.33645E-09
Hsp	W15	3	Dmnd	55	7	8.45255E-05	3.13734E-05	5.3848E-09
Hsp	W16	3	Dmnd	55	7	3.9662E-05	4.5003E-05	5.05675E-09
Hsp	W01	3	Dmnd	59	3	2.37617E-05	2.58385E-05	4.49817E-09
Hsp	W02	3	Dmnd	59	3	1.59594E-05	2.16867E-05	3.93073E-10
Hsp	W03	3	Dmnd	59	3	4.27652E-05	2.25145E-05	-4.25583E-10
Hsp	W04	3	Dmnd	59	3	4.2381E-05	2.0527E-05	0
Hsp	W05	3	Dmnd	59	3	3.70612E-05	2.15989E-05	-4.28538E-10
Hsp	W06	3	Dmnd	59	3	5.93747E-05	1.9077E-05	2.10131E-09
Hsp	W07	3	Dmnd	59	3	7.21126E-05	1.83471E-05	6.23597E-10
Hsp	W08	3	Dmnd	59	3	5.6833E-05	1.69816E-05	7.89101E-10
Hsp	W09	3	Dmnd	59	3	4.88829E-05	1.76336E-05	1.11715E-09
Hsp	W10	3	Dmnd	59	3	3.24802E-05	1.72961E-05	4.28538E-10
Hsp	W11	3	Dmnd	59	3	1.89739E-05	1.91104E-05	8.54121E-10
Hsp	W12	3	Dmnd	59	3	2.29046E-05	2.07711E-05	1.65504E-10
Hsp	W13	3	Dmnd	59	3	2.63329E-05	1.82008E-05	1.21468E-09
Hsp	W14	3	Dmnd	59	3	1.56343E-05	1.84331E-05	1.01667E-09
Hsp	W15	3	Dmnd	59	3	2.61261E-05	1.34189E-05	1.60776E-09
Hsp	W16	3	Dmnd	59	3	9.66428E-06	2.35856E-05	-6.50196E-11
Hsp	W01	3	Dmnd	59	7	2.11609E-05	4.79419E-05	8.53825E-09
Hsp	W02	3	Dmnd	59	7	2.47961E-05	4.25468E-05	3.316E-09
Hsp	W03	3	Dmnd	59	7	4.84987E-05	4.41043E-05	4.1051E-09
Hsp	W04	3	Dmnd	59	7	6.04978E-05	4.17243E-05	3.61154E-09
Hsp	W05	3	Dmnd	59	7	4.67846E-05	4.31975E-05	3.84207E-09
Hsp	W06	3	Dmnd	59	7	8.50574E-05	4.01478E-05	7.81417E-09
Hsp	W07	3	Dmnd	59	7	0.000107696	3.94128E-05	5.31978E-09
Hsp	W08	3	Dmnd	59	7	8.91655E-05	3.76691E-05	3.44899E-09
Hsp	W09	3	Dmnd	59	7	7.69596E-05	3.78538E-05	3.57903E-09
Hsp	W10	3	Dmnd	59	7	5.46756E-05	3.79011E-05	2.72491E-09
Hsp	W11	3	Dmnd	59	7	3.54652E-05	3.96735E-05	2.62738E-09
Hsp	W12	3	Dmnd	59	7	3.63519E-05	4.17216E-05	2.89042E-09
Hsp	W13	3	Dmnd	59	7	4.87351E-05	3.82416E-05	2.52985E-09
Hsp	W14	3	Dmnd	59	7	3.39875E-05	3.8621E-05	1.9033E-09
Hsp	W15	3	Dmnd	59	7	5.62715E-05	3.17541E-05	1.70824E-09
Hsp	W16	3	Dmnd	59	7	1.86192E-05	4.45411E-05	3.77705E-09
Hsp	W01	5	Dmnd	55	3	0.000136837	3.07823E-05	8.37571E-09
Hsp	W02	5	Dmnd	55	3	7.11373E-05	2.33695E-05	-3.28053E-10
Hsp	W03	5	Dmnd	55	3	0.000131221	2.49117E-05	-7.89101E-10
Hsp	W04	5	Dmnd	55	3	0.000107637	2.18566E-05	1.38019E-09
Hsp	W05	5	Dmnd	55	3	0.000125547	2.28568E-05	-1.67573E-09
Hsp	W06	5	Dmnd	55	3	0.000139142	1.92866E-05	3.18596E-09
Hsp	W07	5	Dmnd	55	3	0.000133911	1.8887E-05	5.58577E-10
Hsp	W08	5	Dmnd	55	3	0.000105568	1.61914E-05	-6.59062E-10
Hsp	W09	5	Dmnd	55	3	0.000105686	1.73877E-05	-6.50196E-11
Hsp	W10	5	Dmnd	55	3	7.04871E-05	1.66571E-05	1.62549E-10
Hsp	W11	5	Dmnd	55	3	5.33161E-05	2.04655E-05	0
Hsp	W12	5	Dmnd	55	3	7.27628E-05	2.25467E-05	2.30524E-10
Hsp	W13	5	Dmnd	55	3	6.61722E-05	1.93812E-05	4.25583E-10
Hsp	W14	5	Dmnd	55	3	4.16421E-05	1.9596E-05	1.28266E-09



SAT Reset db

Hsp	W15	5 Dmnd	55	3	5.33752E-05	1.22866E-05	6.50196E-11
Hsp	W16	5 Dmnd	55	3	3.54061E-05	2.73189E-05	-1.95059E-10
Hsp	W01	5 Dmnd	55	7	0.000159239	5.54694E-05	1.61249E-08
Hsp	W02	5 Dmnd	55	7	9.38055E-05	4.55876E-05	6.69997E-09
Hsp	W03	5 Dmnd	55	7	0.000173839	4.7889E-05	6.43694E-09
Hsp	W04	5 Dmnd	55	7	0.000156313	4.4364E-05	8.93428E-09
Hsp	W05	5 Dmnd	55	7	0.000163702	4.51919E-05	3.97506E-09
Hsp	W06	5 Dmnd	55	7	0.000207147	4.09623E-05	1.22178E-08
Hsp	W07	5 Dmnd	55	7	0.000213737	4.05982E-05	7.25855E-09
Hsp	W08	5 Dmnd	55	7	0.000172982	3.76765E-05	5.71286E-09
Hsp	W09	5 Dmnd	55	7	0.000165593	3.82838E-05	7.45656E-09
Hsp	W10	5 Dmnd	55	7	0.000116917	3.82253E-05	7.06054E-09
Hsp	W11	5 Dmnd	55	7	8.50279E-05	4.32141E-05	7.58365E-09
Hsp	W12	5 Dmnd	55	7	0.000104593	4.54992E-05	6.99552E-09
Hsp	W13	5 Dmnd	55	7	0.000109026	4.17751E-05	7.78166E-09
Hsp	W14	5 Dmnd	55	7	7.3945E-05	4.22941E-05	8.37571E-09
Hsp	W15	5 Dmnd	55	7	0.000103292	3.2865E-05	6.86252E-09
Hsp	W16	5 Dmnd	55	7	5.27545E-05	5.12399E-05	5.97885E-09
Hsp	W01	5 Dmnd	59	3	3.02046E-05	2.70573E-05	6.13844E-09
Hsp	W02	5 Dmnd	59	3	2.0097E-05	2.19397E-05	5.91087E-10
Hsp	W03	5 Dmnd	59	3	4.80849E-05	2.31857E-05	-1.00485E-10
Hsp	W04	5 Dmnd	59	3	4.61935E-05	2.09467E-05	9.75294E-11
Hsp	W05	5 Dmnd	59	3	4.12874E-05	2.18572E-05	-5.91087E-10
Hsp	W06	5 Dmnd	59	3	6.83888E-05	1.93983E-05	2.39686E-09
Hsp	W07	5 Dmnd	59	3	8.15996E-05	1.88161E-05	9.19141E-10
Hsp	W08	5 Dmnd	59	3	6.27144E-05	1.72337E-05	6.91572E-10
Hsp	W09	5 Dmnd	59	3	5.57395E-05	1.77557E-05	1.05214E-09
Hsp	W10	5 Dmnd	59	3	3.71203E-05	1.74445E-05	1.98014E-10
Hsp	W11	5 Dmnd	59	3	2.3673E-05	1.96998E-05	6.88617E-10
Hsp	W12	5 Dmnd	59	3	2.72196E-05	2.13229E-05	2.95544E-10
Hsp	W13	5 Dmnd	59	3	3.21551E-05	1.86996E-05	1.24719E-09
Hsp	W14	5 Dmnd	59	3	2.06585E-05	1.88583E-05	1.21468E-09
Hsp	W15	5 Dmnd	59	3	3.0973E-05	1.36077E-05	1.80577E-09
Hsp	W16	5 Dmnd	59	3	1.3861E-05	2.4234E-05	-1.30039E-10
Hsp	W01	5 Dmnd	59	7	2.64216E-05	4.92627E-05	1.05391E-08
Hsp	W02	5 Dmnd	59	7	3.05592E-05	4.29307E-05	5.05675E-09
Hsp	W03	5 Dmnd	59	7	5.43505E-05	4.48384E-05	5.51484E-09
Hsp	W04	5 Dmnd	59	7	6.61722E-05	4.23215E-05	5.25477E-09
Hsp	W05	5 Dmnd	59	7	5.19861E-05	4.34751E-05	4.40064E-09
Hsp	W06	5 Dmnd	59	7	9.83274E-05	4.05075E-05	8.86631E-09
Hsp	W07	5 Dmnd	59	7	0.000122266	3.99259E-05	7.02803E-09
Hsp	W08	5 Dmnd	59	7	9.97755E-05	3.81482E-05	4.56615E-09
Hsp	W09	5 Dmnd	59	7	8.77469E-05	3.8061E-05	4.76121E-09
Hsp	W10	5 Dmnd	59	7	6.22119E-05	3.8293E-05	3.84207E-09
Hsp	W11	5 Dmnd	59	7	4.29129E-05	4.05693E-05	3.77705E-09
Hsp	W12	5 Dmnd	59	7	4.32085E-05	4.25166E-05	4.33267E-09
Hsp	W13	5 Dmnd	59	7	5.83699E-05	3.91193E-05	3.71203E-09
Hsp	W14	5 Dmnd	59	7	4.22627E-05	3.93915E-05	2.92293E-09
Hsp	W15	5 Dmnd	59	7	6.66746E-05	3.24486E-05	2.43232E-09
Hsp	W16	5 Dmnd	59	7	2.43823E-05	4.52873E-05	4.95922E-09
Eun	W01	75 Dmnd	55	3	0.000298753	4.16257E-05	5.34955E-08
Eun	W02	75 Dmnd	55	3	0.000174784	3.70552E-05	-4.83314E-09
Eun	W03	75 Dmnd	55	3	0.000249595	3.72096E-05	-4.97105E-09
Eun	W04	75 Dmnd	55	3	0.000228509	3.26594E-05	6.98154E-09
Eun	W05	75 Dmnd	55	3	0.000200466	3.19925E-05	6.4023E-09
Eun	W06	75 Dmnd	55	3	0.000206657	2.50063E-05	2.12817E-08
Eun	W07	75 Dmnd	55	3	0.000178186	2.0476E-05	6.19696E-09
Eun	W08	75 Dmnd	55	3	0.000164976	2.15205E-05	-1.23296E-08
Eun	W09	75 Dmnd	55	3	0.0001746	2.6946E-05	-9.29544E-09
Eun	W10	75 Dmnd	55	3	0.000143063	2.56077E-05	-5.99162E-09
Eun	W11	75 Dmnd	55	3	0.000147078	3.71189E-05	-1.38252E-08

SAT Reset db

Eun	W12	75 Dmnd	55	3	0.000169083	3.8773E-05	-2.05339E-10
Eun	W13	75 Dmnd	55	3	0.00015854	3.1226E-05	-4.90363E-09
Eun	W14	75 Dmnd	55	3	0.000112661	3.09854E-05	-1.3721E-08
Eun	W15	75 Dmnd	55	3	8.65797E-05	1.65074E-05	-1.21212E-08
Eun	W16	75 Dmnd	55	3	9.80725E-05	4.29475E-05	-5.14268E-09
Eun	W01	75 Dmnd	55	7	0.000433787	6.45336E-05	4.62105E-08
Eun	W02	75 Dmnd	55	7	0.000256368	5.77589E-05	-1.27341E-08
Eun	W03	75 Dmnd	55	7	0.000396581	5.90341E-05	-1.29394E-08
Eun	W04	75 Dmnd	55	7	0.000353735	5.15086E-05	-1.97371E-09
Eun	W05	75 Dmnd	55	7	0.000312177	5.25647E-05	-9.63869E-09
Eun	W06	75 Dmnd	55	7	0.000341476	4.03939E-05	1.83886E-08
Eun	W07	75 Dmnd	55	7	0.000314506	3.32411E-05	-8.41278E-09
Eun	W08	75 Dmnd	55	7	0.000283522	3.54744E-05	-2.73469E-08
Eun	W09	75 Dmnd	55	7	0.000288762	4.45519E-05	-2.598E-08
Eun	W10	75 Dmnd	55	7	0.000235068	4.15539E-05	-1.22591E-08
Eun	W11	75 Dmnd	55	7	0.000221521	5.87638E-05	-2.88793E-08
Eun	W12	75 Dmnd	55	7	0.000257103	6.15705E-05	-3.43867E-09
Eun	W13	75 Dmnd	55	7	0.000240431	4.90019E-05	-2.00221E-08
Eun	W14	75 Dmnd	55	7	0.00017175	4.82152E-05	-2.67983E-08
Eun	W15	75 Dmnd	55	7	0.000140642	2.72213E-05	-1.97156E-08
Eun	W16	75 Dmnd	55	7	0.000149836	6.659E-05	-2.41442E-08
Eun	W01	75 Dmnd	59	3	0.000162004	2.9887E-05	8.14002E-09
Eun	W02	75 Dmnd	59	3	9.64788E-05	2.48595E-05	-4.63086E-09
Eun	W03	75 Dmnd	59	3	0.000163781	2.64002E-05	-5.85983E-09
Eun	W04	75 Dmnd	59	3	0.000134175	2.18193E-05	-4.01791E-09
Eun	W05	75 Dmnd	59	3	0.00011453	2.296E-05	-1.91701E-08
Eun	W06	75 Dmnd	59	3	0.000135463	1.73441E-05	-9.50078E-09
Eun	W07	75 Dmnd	59	3	0.000133716	1.42034E-05	-1.70922E-08
Eun	W08	75 Dmnd	59	3	0.00011499	1.4831E-05	-1.25288E-08
Eun	W09	75 Dmnd	59	3	0.000112508	1.84425E-05	-1.63107E-08
Eun	W10	75 Dmnd	59	3	9.41803E-05	1.73239E-05	1.46189E-09
Eun	W11	75 Dmnd	59	3	8.21357E-05	2.56941E-05	-1.28046E-08
Eun	W12	75 Dmnd	59	3	9.57127E-05	2.66273E-05	-2.69086E-09
Eun	W13	75 Dmnd	59	3	8.95218E-05	2.10197E-05	-1.3485E-08
Eun	W14	75 Dmnd	59	3	6.29197E-05	2.0415E-05	-8.58135E-09
Eun	W15	75 Dmnd	59	3	5.31737E-05	1.05698E-05	-1.71627E-10
Eun	W16	75 Dmnd	59	3	5.36947E-05	2.97359E-05	-2.00589E-08
Eun	W01	75 Dmnd	59	7	0.000191364	3.96314E-05	2.14534E-09
Eun	W02	75 Dmnd	59	7	0.000112293	3.27948E-05	-9.43029E-09
Eun	W03	75 Dmnd	59	7	0.000209385	3.53098E-05	-8.07259E-09
Eun	W04	75 Dmnd	59	7	0.000174569	2.94444E-05	-7.72934E-09
Eun	W05	75 Dmnd	59	7	0.000153177	3.2192E-05	-3.39852E-08
Eun	W06	75 Dmnd	59	7	0.000187472	2.40642E-05	-2.23391E-08
Eun	W07	75 Dmnd	59	7	0.000197984	2.00693E-05	-2.67983E-08
Eun	W08	75 Dmnd	59	7	0.000164271	2.11837E-05	-2.20295E-08
Eun	W09	75 Dmnd	59	7	0.000151308	2.59858E-05	-2.47909E-08
Eun	W10	75 Dmnd	59	7	0.000123725	2.38825E-05	-9.8992E-10
Eun	W11	75 Dmnd	59	7	0.000117963	3.35362E-05	-2.0773E-08
Eun	W12	75 Dmnd	59	7	0.000131999	3.48145E-05	-7.28801E-09
Eun	W13	75 Dmnd	59	7	0.000125134	2.78082E-05	-2.8674E-08
Eun	W14	75 Dmnd	59	7	9.10542E-05	2.69022E-05	-1.66172E-08
Eun	W15	75 Dmnd	59	7	7.11332E-05	1.49227E-05	-4.73506E-09
Eun	W16	75 Dmnd	59	7	7.32479E-05	3.86096E-05	-3.07519E-08
Eun	W01	85 Dmnd	55	3	0.000144872	7.60522E-06	9.09316E-09
Eun	W02	85 Dmnd	55	3	6.97847E-05	7.60614E-06	-4.69829E-09
Eun	W03	85 Dmnd	55	3	0.000118882	7.75631E-06	-4.66457E-09
Eun	W04	85 Dmnd	55	3	8.50166E-05	6.46145E-06	-6.84362E-09
Eun	W05	85 Dmnd	55	3	7.93774E-05	6.38452E-06	-1.72638E-08
Eun	W06	85 Dmnd	55	3	8.32697E-05	5.38173E-06	-9.2985E-09
Eun	W07	85 Dmnd	55	3	6.60764E-05	4.20609E-06	-8.24116E-09
Eun	W08	85 Dmnd	55	3	6.7241E-05	4.82639E-06	-2.55295E-09

SAT Reset db

Eun	W09	85	Dmnd	55	3	6.65054E-05	6.07682E-06	-7.11639E-09
Eun	W10	85	Dmnd	55	3	5.4369E-05	6.04188E-06	9.53142E-10
Eun	W11	85	Dmnd	55	3	5.77096E-05	9.38493E-06	-3.88306E-09
Eun	W12	85	Dmnd	55	3	6.82523E-05	9.31965E-06	-6.19696E-09
Eun	W13	85	Dmnd	55	3	6.08663E-05	7.69348E-06	-1.09657E-08
Eun	W14	85	Dmnd	55	3	3.62255E-05	6.97234E-06	-8.18293E-10
Eun	W15	85	Dmnd	55	3	2.40891E-05	4.54091E-06	2.48553E-09
Eun	W16	85	Dmnd	55	3	3.61949E-05	8.31961E-06	-8.20744E-09
Eun	W01	85	Dmnd	55	7	0.000198842	1.032E-05	6.74249E-09
Eun	W02	85	Dmnd	55	7	9.29544E-05	1.06271E-05	-6.57086E-09
Eun	W03	85	Dmnd	55	7	0.00017365	1.09096E-05	-6.80991E-09
Eun	W04	85	Dmnd	55	7	0.000125563	9.12105E-06	-1.04539E-08
Eun	W05	85	Dmnd	55	7	0.000118331	9.35459E-06	-2.62528E-08
Eun	W06	85	Dmnd	55	7	0.000130927	7.7416E-06	-1.57345E-08
Eun	W07	85	Dmnd	55	7	0.000111128	6.37533E-06	-1.27678E-08
Eun	W08	85	Dmnd	55	7	0.000105612	7.16757E-06	-6.19696E-09
Eun	W09	85	Dmnd	55	7	0.000107359	9.11278E-06	-1.0693E-08
Eun	W10	85	Dmnd	55	7	8.1155E-05	8.71926E-06	-1.39753E-09
Eun	W11	85	Dmnd	55	7	7.54852E-05	1.3542E-05	-7.28801E-09
Eun	W12	85	Dmnd	55	7	9.15139E-05	1.31111E-05	-1.36566E-08
Eun	W13	85	Dmnd	55	7	8.27487E-05	1.12278E-05	-2.22042E-08
Eun	W14	85	Dmnd	55	7	4.96186E-05	1.00659E-05	-3.71143E-09
Eun	W15	85	Dmnd	55	7	3.69611E-05	6.95224E-06	7.50868E-10
Eun	W16	85	Dmnd	55	7	4.92201E-05	1.18156E-05	-1.30774E-08
Eun	W01	85	Dmnd	59	3	5.8537E-05	3.73289E-06	5.75257E-09
Eun	W02	85	Dmnd	59	3	2.89927E-05	4.01086E-06	6.46666E-10
Eun	W03	85	Dmnd	59	3	6.23067E-05	4.06449E-06	-4.10679E-10
Eun	W04	85	Dmnd	59	3	4.36423E-05	3.298E-06	-1.22591E-09
Eun	W05	85	Dmnd	59	3	4.18341E-05	3.46717E-06	-9.39964E-09
Eun	W06	85	Dmnd	59	3	5.09671E-05	2.70006E-06	-6.74249E-09
Eun	W07	85	Dmnd	59	3	4.94653E-05	2.51954E-06	-3.43867E-09
Eun	W08	85	Dmnd	59	3	4.2539E-05	2.63907E-06	2.69086E-09
Eun	W09	85	Dmnd	59	3	4.25083E-05	3.44449E-06	-4.41326E-10
Eun	W10	85	Dmnd	59	3	3.12913E-05	3.12576E-06	4.59715E-09
Eun	W11	85	Dmnd	59	3	2.28019E-05	5.4798E-06	1.5661E-09
Eun	W12	85	Dmnd	59	3	2.64489E-05	4.983E-06	-5.41544E-09
Eun	W13	85	Dmnd	59	3	3.00041E-05	4.4338E-06	-8.8204E-09
Eun	W14	85	Dmnd	59	3	1.70095E-05	4.03538E-06	4.79942E-09
Eun	W15	85	Dmnd	59	3	1.95226E-05	2.64682E-06	9.87774E-09
Eun	W16	85	Dmnd	59	3	1.34237E-05	5.00017E-06	-3.09848E-09
Eun	W01	85	Dmnd	59	7	6.86814E-05	4.63822E-06	3.71143E-09
Eun	W02	85	Dmnd	59	7	3.47238E-05	5.27998E-06	-2.62038E-09
Eun	W03	85	Dmnd	59	7	7.99904E-05	5.2147E-06	-2.45181E-09
Eun	W04	85	Dmnd	59	7	5.51045E-05	4.43043E-06	-3.13526E-09
Eun	W05	85	Dmnd	59	7	6.24293E-05	4.92876E-06	-1.43033E-08
Eun	W06	85	Dmnd	59	7	7.99598E-05	3.85272E-06	-1.02854E-08
Eun	W07	85	Dmnd	59	7	8.18599E-05	3.37259E-06	-5.65143E-09
Eun	W08	85	Dmnd	59	7	6.93863E-05	4.00902E-06	4.78104E-10
Eun	W09	85	Dmnd	59	7	6.61683E-05	5.11418E-06	-2.792E-09
Eun	W10	85	Dmnd	59	7	4.79942E-05	4.47517E-06	2.72458E-09
Eun	W11	85	Dmnd	59	7	2.85943E-05	7.15837E-06	-1.19219E-09
Eun	W12	85	Dmnd	59	7	3.56432E-05	6.80347E-06	-1.40642E-08
Eun	W13	85	Dmnd	59	7	3.96887E-05	5.77647E-06	-2.09446E-08
Eun	W14	85	Dmnd	59	7	2.34761E-05	5.38817E-06	3.1659E-09
Eun	W15	85	Dmnd	59	7	2.97895E-05	3.7126E-06	8.95831E-09
Eun	W16	85	Dmnd	59	7	1.97984E-05	7.11608E-06	-5.51658E-09
Eun	W01	96	Dmnd	55	3	0.000115848	5.47091E-06	1.0929E-08
Eun	W02	96	Dmnd	55	3	5.61159E-05	5.65511E-06	-2.11162E-09
Eun	W03	96	Dmnd	55	3	9.82564E-05	6.22393E-06	-4.18954E-09
Eun	W04	96	Dmnd	55	3	7.15929E-05	5.35139E-06	-6.64135E-09
Eun	W05	96	Dmnd	55	3	7.17768E-05	4.89995E-06	-1.33164E-08

SAT Reset db

Eun	W06	96 Dmnd	55	3	7.83354E-05	3.81471E-06	-8.14002E-09
Eun	W07	96 Dmnd	55	3	6.11727E-05	3.05695E-06	-7.52707E-09
Eun	W08	96 Dmnd	55	3	5.98855E-05	3.82697E-06	-2.82571E-09
Eun	W09	96 Dmnd	55	3	6.02227E-05	4.3866E-06	-5.27753E-09
Eun	W10	96 Dmnd	55	3	4.42552E-05	4.47578E-06	-7.50868E-10
Eun	W11	96 Dmnd	55	3	4.52666E-05	7.27759E-06	7.04896E-11
Eun	W12	96 Dmnd	55	3	5.44609E-05	7.11455E-06	-9.53142E-10
Eun	W13	96 Dmnd	55	3	4.94653E-05	6.28155E-06	-4.93734E-09
Eun	W14	96 Dmnd	55	3	3.00654E-05	5.7161E-06	1.22591E-09
Eun	W15	96 Dmnd	55	3	2.01355E-05	3.18392E-06	4.56344E-09
Eun	W16	96 Dmnd	55	3	3.02492E-05	6.16907E-06	-7.21752E-09
Eun	W01	96 Dmnd	55	7	0.000151461	7.56507E-06	8.24116E-09
Eun	W02	96 Dmnd	55	7	7.10106E-05	8.16423E-06	-3.9842E-09
Eun	W03	96 Dmnd	55	7	0.000136229	8.82254E-06	-5.89355E-09
Eun	W04	96 Dmnd	55	7	9.76741E-05	7.68735E-06	-9.63869E-09
Eun	W05	96 Dmnd	55	7	9.83484E-05	7.34502E-06	-2.04328E-08
Eun	W06	96 Dmnd	55	7	0.000111312	5.51321E-06	-1.31111E-08
Eun	W07	96 Dmnd	55	7	9.42722E-05	4.63828E-06	-1.04539E-08
Eun	W08	96 Dmnd	55	7	8.91847E-05	5.61453E-06	-5.61772E-09
Eun	W09	96 Dmnd	55	7	8.71313E-05	6.72747E-06	-7.96839E-09
Eun	W10	96 Dmnd	55	7	6.0284E-05	6.72318E-06	-2.58973E-09
Eun	W11	96 Dmnd	55	7	5.73724E-05	1.05878E-05	-1.76837E-09
Eun	W12	96 Dmnd	55	7	7.12252E-05	1.05584E-05	-4.4623E-09
Eun	W13	96 Dmnd	55	7	6.55554E-05	9.29942E-06	-1.15419E-08
Eun	W14	96 Dmnd	55	7	3.82176E-05	8.45998E-06	-5.79241E-10
Eun	W15	96 Dmnd	55	7	2.39665E-05	4.89078E-06	3.64401E-09
Eun	W16	96 Dmnd	55	7	4.00871E-05	9.26939E-06	-1.12354E-08
Eun	W01	96 Dmnd	59	3	4.02097E-05	2.91888E-06	4.52972E-09
Eun	W02	96 Dmnd	59	3	2.06259E-05	3.27164E-06	3.02799E-09
Eun	W03	96 Dmnd	59	3	4.75039E-05	3.32282E-06	0
Eun	W04	96 Dmnd	59	3	3.22107E-05	2.94647E-06	1.25962E-09
Eun	W05	96 Dmnd	59	3	3.08009E-05	2.84257E-06	-5.99468E-09
Eun	W06	96 Dmnd	59	3	3.99646E-05	1.99424E-06	-4.79942E-09
Eun	W07	96 Dmnd	59	3	3.91064E-05	1.8703E-06	-1.46189E-09
Eun	W08	96 Dmnd	59	3	3.55513E-05	2.0636E-06	5.55336E-09
Eun	W09	96 Dmnd	59	3	3.1138E-05	2.69516E-06	2.48553E-09
Eun	W10	96 Dmnd	59	3	2.0442E-05	2.58329E-06	7.32173E-09
Eun	W11	96 Dmnd	59	3	1.80821E-05	4.22601E-06	6.26745E-09
Eun	W12	96 Dmnd	59	3	2.26486E-05	4.4246E-06	2.792E-09
Eun	W13	96 Dmnd	59	3	2.39052E-05	3.7004E-06	3.40189E-10
Eun	W14	96 Dmnd	59	3	1.37914E-05	3.4451E-06	8.30858E-09
Eun	W15	96 Dmnd	59	3	1.27494E-05	1.90825E-06	1.43339E-08
Eun	W16	96 Dmnd	59	3	1.25962E-05	4.04365E-06	-2.35987E-10
Eun	W01	96 Dmnd	59	7	4.52972E-05	3.72859E-06	3.37124E-09
Eun	W02	96 Dmnd	59	7	2.24034E-05	4.13284E-06	1.18913E-09
Eun	W03	96 Dmnd	59	7	5.56255E-05	4.29925E-06	-1.43125E-09
Eun	W04	96 Dmnd	59	7	3.83402E-05	3.64768E-06	-5.79241E-10
Eun	W05	96 Dmnd	59	7	3.95968E-05	3.71205E-06	-1.05244E-08
Eun	W06	96 Dmnd	59	7	5.79241E-05	2.71388E-06	-7.66192E-09
Eun	W07	96 Dmnd	59	7	5.68208E-05	2.39787E-06	-3.1659E-09
Eun	W08	96 Dmnd	59	7	4.79636E-05	2.82155E-06	3.91677E-09
Eun	W09	96 Dmnd	59	7	4.401E-05	3.67735E-06	9.53142E-10
Eun	W10	96 Dmnd	59	7	2.76442E-05	3.55758E-06	6.19696E-09
Eun	W11	96 Dmnd	59	7	2.17905E-05	5.8442E-06	4.90363E-09
Eun	W12	96 Dmnd	59	7	2.70006E-05	5.99867E-06	-1.15848E-09
Eun	W13	96 Dmnd	59	7	2.83797E-05	4.89351E-06	-7.6282E-09
Eun	W14	96 Dmnd	59	7	1.57835E-05	4.80647E-06	7.52707E-09
Eun	W15	96 Dmnd	59	7	8.91847E-06	2.51299E-06	1.3721E-08
Eun	W16	96 Dmnd	59	7	1.63046E-05	5.81877E-06	-2.792E-09
Eun	W01	3 Dmnd	55	3	7.18075E-05	2.86525E-06	7.86419E-09
Eun	W02	3 Dmnd	55	3	2.54069E-05	2.78771E-06	-5.76176E-10

SAT Reset db

Eun	W03	3	Dmnd	55	3	5.95791E-05	4.3296E-06	-3.09848E-09
Eun	W04	3	Dmnd	55	3	4.25696E-05	3.69212E-06	-4.66764E-09
Eun	W05	3	Dmnd	55	3	4.54811E-05	3.7194E-06	-1.24981E-08
Eun	W06	3	Dmnd	55	3	4.73813E-05	3.60211E-06	-8.47714E-09
Eun	W07	3	Dmnd	55	3	3.67159E-05	2.69488E-06	-5.78934E-09
Eun	W08	3	Dmnd	55	3	3.53368E-05	3.16149E-06	-1.09106E-09
Eun	W09	3	Dmnd	55	3	3.78499E-05	4.19012E-06	-3.77886E-09
Eun	W10	3	Dmnd	55	3	2.01049E-05	2.26321E-06	6.12953E-10
Eun	W11	3	Dmnd	55	3	1.75305E-05	3.26888E-06	1.87257E-09
Eun	W12	3	Dmnd	55	3	2.42423E-05	3.41047E-06	-5.11816E-10
Eun	W13	3	Dmnd	55	3	2.035E-05	2.85115E-06	-5.79241E-10
Eun	W14	3	Dmnd	55	3	1.01137E-05	2.83828E-06	2.28325E-09
Eun	W15	3	Dmnd	55	3	4.96492E-06	1.59509E-06	5.38173E-09
Eun	W16	3	Dmnd	55	3	1.72546E-05	4.15705E-06	-5.41238E-09
Eun	W01	3	Dmnd	55	7	8.88476E-05	3.70561E-06	5.13961E-09
Eun	W02	3	Dmnd	55	7	2.84717E-05	3.99033E-06	-2.28019E-09
Eun	W03	3	Dmnd	55	7	7.95613E-05	5.94841E-06	-4.63086E-09
Eun	W04	3	Dmnd	55	7	5.23769E-05	5.29653E-06	-7.22059E-09
Eun	W05	3	Dmnd	55	7	5.88129E-05	5.44241E-06	-1.85939E-08
Eun	W06	3	Dmnd	55	7	6.85282E-05	4.91821E-06	-1.25993E-08
Eun	W07	3	Dmnd	55	7	5.57175E-05	4.03568E-06	-8.17373E-09
Eun	W08	3	Dmnd	55	7	5.01089E-05	4.65412E-06	-3.40496E-09
Eun	W09	3	Dmnd	55	7	5.20091E-05	6.24379E-06	-5.99468E-09
Eun	W10	3	Dmnd	55	7	2.16679E-05	3.46175E-06	-6.46666E-10
Eun	W11	3	Dmnd	55	7	1.84805E-05	4.8028E-06	6.80378E-10
Eun	W12	3	Dmnd	55	7	2.70006E-05	5.13992E-06	-3.09848E-09
Eun	W13	3	Dmnd	55	7	2.35068E-05	4.08319E-06	-4.36116E-09
Eun	W14	3	Dmnd	55	7	7.66192E-06	4.24777E-06	9.8992E-10
Eun	W15	3	Dmnd	55	7	1.50174E-06	2.31368E-06	4.73506E-09
Eun	W16	3	Dmnd	55	7	2.06565E-05	6.16386E-06	-8.81733E-09
Eun	W01	3	Dmnd	59	3	1.63046E-05	1.21334E-06	5.08751E-10
Eun	W02	3	Dmnd	59	3	3.80031E-06	1.49714E-06	4.45924E-09
Eun	W03	3	Dmnd	59	3	2.28938E-05	2.05064E-06	1.32704E-09
Eun	W04	3	Dmnd	59	3	1.183E-05	1.9259E-06	1.46189E-09
Eun	W05	3	Dmnd	59	3	1.51399E-05	2.03654E-06	-5.07219E-09
Eun	W06	3	Dmnd	59	3	2.35681E-05	1.70775E-06	-4.15276E-09
Eun	W07	3	Dmnd	59	3	2.12082E-05	1.53955E-06	-4.75039E-10
Eun	W08	3	Dmnd	59	3	1.93693E-05	1.71771E-06	7.08268E-09
Eun	W09	3	Dmnd	59	3	1.55997E-05	2.41712E-06	3.19962E-09
Eun	W10	3	Dmnd	59	3	2.54376E-06	1.27831E-06	8.00211E-09
Eun	W11	3	Dmnd	59	3	2.39052E-06	1.8597E-06	8.78669E-09
Eun	W12	3	Dmnd	59	3	4.84233E-06	2.05676E-06	4.86991E-09
Eun	W13	3	Dmnd	59	3	7.07961E-06	1.48212E-06	5.99162E-09
Eun	W14	3	Dmnd	59	3	7.35544E-07	1.69022E-06	1.02179E-08
Eun	W15	3	Dmnd	59	3	7.32479E-06	6.99594E-07	1.63812E-08
Eun	W16	3	Dmnd	59	3	3.9229E-06	2.60965E-06	9.1943E-10
Eun	W01	3	Dmnd	59	7	1.69788E-05	1.50572E-06	-6.12953E-10
Eun	W02	3	Dmnd	59	7	2.26793E-06	1.90383E-06	3.47238E-09
Eun	W03	3	Dmnd	59	7	2.71232E-05	2.61455E-06	-6.74249E-11
Eun	W04	3	Dmnd	59	7	1.37302E-05	2.32248E-06	-3.06477E-10
Eun	W05	3	Dmnd	59	7	2.08404E-05	2.67309E-06	-9.26172E-09
Eun	W06	3	Dmnd	59	7	3.60417E-05	2.21543E-06	-6.57086E-09
Eun	W07	3	Dmnd	59	7	3.63788E-05	1.88149E-06	-1.87257E-09
Eun	W08	3	Dmnd	59	7	3.01573E-05	2.29168E-06	5.78934E-09
Eun	W09	3	Dmnd	59	7	2.44262E-05	2.99602E-06	2.04113E-09
Eun	W10	3	Dmnd	59	7	2.97282E-06	1.7369E-06	7.25124E-09
Eun	W11	3	Dmnd	59	7	5.51658E-07	2.46193E-06	8.00517E-09
Eun	W12	3	Dmnd	59	7	1.13396E-06	2.57502E-06	2.07791E-09
Eun	W13	3	Dmnd	59	7	6.22148E-06	1.98229E-06	1.25962E-09
Eun	W14	3	Dmnd	59	7	-7.96839E-07	2.26241E-06	9.63869E-09
Eun	W15	3	Dmnd	59	7	4.22938E-06	1.13948E-06	1.58019E-08



SAT Reset db

Eun	W16	3 Dmnd	59	7	6.09889E-06	3.71327E-06	-1.43125E-09
Eun	W01	5 Dmnd	55	3	7.62514E-05	2.92777E-06	7.79677E-09
Eun	W02	5 Dmnd	55	3	3.02799E-05	2.65409E-06	-9.8992E-10
Eun	W03	5 Dmnd	55	3	6.81298E-05	4.44636E-06	-2.65715E-09
Eun	W04	5 Dmnd	55	3	4.92814E-05	3.75802E-06	-4.39181E-09
Eun	W05	5 Dmnd	55	3	5.20091E-05	3.74698E-06	-1.25655E-08
Eun	W06	5 Dmnd	55	3	5.71885E-05	3.38807E-06	-7.6282E-09
Eun	W07	5 Dmnd	55	3	4.74732E-05	2.63266E-06	-5.75563E-09
Eun	W08	5 Dmnd	55	3	4.28761E-05	3.16492E-06	-1.36076E-09
Eun	W09	5 Dmnd	55	3	4.306E-05	3.99091E-06	-4.11905E-09
Eun	W10	5 Dmnd	55	3	2.6265E-05	2.1438E-06	6.46666E-10
Eun	W11	5 Dmnd	55	3	2.39665E-05	3.37032E-06	1.02057E-09
Eun	W12	5 Dmnd	55	3	3.04944E-05	3.43989E-06	-3.06477E-10
Eun	W13	5 Dmnd	55	3	2.49166E-05	2.83736E-06	-7.14091E-10
Eun	W14	5 Dmnd	55	3	1.42512E-05	2.90203E-06	1.5661E-09
Eun	W15	5 Dmnd	55	3	7.41673E-06	1.45062E-06	4.36116E-09
Eun	W16	5 Dmnd	55	3	1.92467E-05	4.11292E-06	-5.3143E-09
Eun	W01	5 Dmnd	55	7	9.58046E-05	3.7669E-06	5.10897E-09
Eun	W02	5 Dmnd	55	7	3.45399E-05	3.89133E-06	-2.69086E-09
Eun	W03	5 Dmnd	55	7	8.97057E-05	6.04035E-06	-4.36116E-09
Eun	W04	5 Dmnd	55	7	6.26132E-05	5.36916E-06	-7.32173E-09
Eun	W05	5 Dmnd	55	7	6.73023E-05	5.42372E-06	-1.90353E-08
Eun	W06	5 Dmnd	55	7	8.23503E-05	4.62452E-06	-1.202E-08
Eun	W07	5 Dmnd	55	7	7.10106E-05	3.87626E-06	-8.24116E-09
Eun	W08	5 Dmnd	55	7	6.21228E-05	4.52317E-06	-3.67772E-09
Eun	W09	5 Dmnd	55	7	6.08356E-05	6.01859E-06	-6.4023E-09
Eun	W10	5 Dmnd	55	7	3.03412E-05	3.29925E-06	-6.46666E-10
Eun	W11	5 Dmnd	55	7	2.6265E-05	4.93029E-06	-2.05339E-10
Eun	W12	5 Dmnd	55	7	3.46319E-05	5.14758E-06	-2.92992E-09
Eun	W13	5 Dmnd	55	7	3.00347E-05	4.11659E-06	-4.52666E-09
Eun	W14	5 Dmnd	55	7	1.40366E-05	4.30937E-06	2.39052E-10
Eun	W15	5 Dmnd	55	7	7.17155E-06	2.17623E-06	3.67772E-09
Eun	W16	5 Dmnd	55	7	2.28325E-05	6.10195E-06	-8.78669E-09
Eun	W01	5 Dmnd	59	3	1.90322E-05	1.19097E-06	7.50868E-10
Eun	W02	5 Dmnd	59	3	5.97629E-06	1.51338E-06	3.84628E-09
Eun	W03	5 Dmnd	59	3	2.56521E-05	2.11806E-06	8.52005E-10
Eun	W04	5 Dmnd	59	3	1.59368E-05	1.95072E-06	2.72764E-10
Eun	W05	5 Dmnd	59	3	1.71933E-05	2.00712E-06	-5.82306E-09
Eun	W06	5 Dmnd	59	3	2.66635E-05	1.6006E-06	-4.3581E-09
Eun	W07	5 Dmnd	59	3	2.64796E-05	1.44096E-06	-7.81515E-10
Eun	W08	5 Dmnd	59	3	2.28325E-05	1.59245E-06	6.53715E-09
Eun	W09	5 Dmnd	59	3	1.94E-05	2.3717E-06	2.35068E-09
Eun	W10	5 Dmnd	59	3	5.97629E-06	1.27433E-06	7.21752E-09
Eun	W11	5 Dmnd	59	3	5.24075E-06	1.92621E-06	7.72934E-09
Eun	W12	5 Dmnd	59	3	6.09889E-06	2.07883E-06	3.88306E-09
Eun	W13	5 Dmnd	59	3	9.16365E-06	1.51124E-06	5.31124E-09
Eun	W14	5 Dmnd	59	3	2.91153E-06	1.69911E-06	9.05945E-09
Eun	W15	5 Dmnd	59	3	9.16365E-06	6.78631E-07	1.55292E-08
Eun	W16	5 Dmnd	59	3	4.10679E-06	2.5741E-06	3.73902E-10
Eun	W01	5 Dmnd	59	7	1.95532E-05	1.47507E-06	-3.06477E-10
Eun	W02	5 Dmnd	59	7	5.17946E-06	1.90567E-06	2.89314E-09
Eun	W03	5 Dmnd	59	7	2.95137E-05	2.70159E-06	-5.79241E-10
Eun	W04	5 Dmnd	59	7	1.78063E-05	2.35313E-06	-1.59981E-09
Eun	W05	5 Dmnd	59	7	2.19131E-05	2.68443E-06	-1.008E-08
Eun	W06	5 Dmnd	59	7	3.81563E-05	2.09363E-06	-6.80991E-09
Eun	W07	5 Dmnd	59	7	3.95048E-05	1.80012E-06	-2.17905E-09
Eun	W08	5 Dmnd	59	7	3.3406E-05	2.1476E-06	5.2101E-09
Eun	W09	5 Dmnd	59	7	2.7399E-05	2.95854E-06	1.08799E-09
Eun	W10	5 Dmnd	59	7	5.48593E-06	1.70766E-06	6.43601E-09
Eun	W11	5 Dmnd	59	7	4.47456E-06	2.55847E-06	6.91411E-09
Eun	W12	5 Dmnd	59	7	4.41326E-06	2.62681E-06	9.53142E-10

SAT Reset db

Eun	W13	5 Dmnd	59	7	9.43948E-06	2.00926E-06	-2.05339E-10
Eun	W14	5 Dmnd	59	7	2.42117E-06	2.28264E-06	8.4465E-09
Eun	W15	5 Dmnd	59	7	6.43601E-06	1.10224E-06	1.49499E-08
Eun	W16	5 Dmnd	59	7	5.94565E-06	3.60815E-06	-2.01049E-09
Htl	W01	75 Dmnd	55	3	-0.000278319	-3.72286E-06	1.03104E-09
Htl	W02	75 Dmnd	55	3	-0.000412354	-6.27885E-06	-8.92127E-09
Htl	W03	75 Dmnd	55	3	-0.00023896	-4.66746E-06	-3.80713E-08
Htl	W04	75 Dmnd	55	3	-0.000331229	-5.76641E-06	-1.61447E-08
Htl	W05	75 Dmnd	55	3	-0.000222661	-4.35259E-06	-1.57774E-08
Htl	W06	75 Dmnd	55	3	-0.000133726	-7.39941E-06	-3.5327E-08
Htl	W07	75 Dmnd	55	3	-0.000152927	-7.26358E-06	-8.57554E-09
Htl	W08	75 Dmnd	55	3	-0.000189971	-8.61258E-06	3.42651E-09
Htl	W09	75 Dmnd	55	3	-0.000214574	-8.49836E-06	-8.24214E-09
Htl	W10	75 Dmnd	55	3	-0.000320055	-8.68667E-06	1.69782E-09
Htl	W11	75 Dmnd	55	3	-0.000484836	-6.68015E-06	-2.06825E-09
Htl	W12	75 Dmnd	55	3	-0.000387412	-4.88664E-06	4.13651E-09
Htl	W13	75 Dmnd	55	3	-0.000379756	-7.66489E-06	3.42651E-09
Htl	W14	75 Dmnd	55	3	-0.000391023	-8.08471E-06	-9.6004E-09
Htl	W15	75 Dmnd	55	3	-0.00027588	-1.30609E-05	4.47607E-09
Htl	W16	75 Dmnd	55	3	-0.000610536	-8.36562E-06	2.37695E-09
Htl	W01	75 Dmnd	55	7	-0.000210283	2.10098E-05	-2.40164E-09
Htl	W02	75 Dmnd	55	7	-0.000343052	1.97626E-05	-1.06191E-08
Htl	W03	75 Dmnd	55	7	-0.000120144	2.04973E-05	-2.91531E-08
Htl	W04	75 Dmnd	55	7	-0.000212258	1.88489E-05	-1.95712E-08
Htl	W05	75 Dmnd	55	7	-0.000119094	1.94848E-05	-2.22939E-08
Htl	W06	75 Dmnd	55	7	2.09912E-05	1.41536E-05	-4.18466E-08
Htl	W07	75 Dmnd	55	7	1.56199E-05	1.54286E-05	-1.88643E-08
Htl	W08	75 Dmnd	55	7	-1.10821E-05	1.48976E-05	-2.03738E-09
Htl	W09	75 Dmnd	55	7	-4.58411E-05	1.60768E-05	-1.4416E-08
Htl	W10	75 Dmnd	55	7	-0.000187439	1.57249E-05	-5.49476E-09
Htl	W11	75 Dmnd	55	7	-0.000395561	2.09449E-05	-8.24214E-09
Htl	W12	75 Dmnd	55	7	-0.000294865	2.31953E-05	-2.71651E-09
Htl	W13	75 Dmnd	55	7	-0.000278566	1.79691E-05	-3.42651E-09
Htl	W14	75 Dmnd	55	7	-0.000327185	1.63022E-05	-1.61139E-08
Htl	W15	75 Dmnd	55	7	-0.000170183	7.40867E-06	1.01869E-09
Htl	W16	75 Dmnd	55	7	-0.000578617	1.71665E-05	0
Htl	W01	75 Dmnd	59	3	-0.000441094	-8.89658E-06	-2.77825E-08
Htl	W02	75 Dmnd	59	3	-0.000532251	-1.115E-05	3.42651E-09
Htl	W03	75 Dmnd	59	3	-0.000446218	-1.14649E-05	-7.20493E-09
Htl	W04	75 Dmnd	59	3	-0.000481286	-1.28324E-05	-1.54347E-08
Htl	W05	75 Dmnd	59	3	-0.000398093	-1.26688E-05	-1.612E-08
Htl	W06	75 Dmnd	59	3	-0.000307305	-1.46661E-05	-1.30331E-08
Htl	W07	75 Dmnd	59	3	-0.000285203	-1.48976E-05	-6.85919E-09
Htl	W08	75 Dmnd	59	3	-0.00033444	-1.50581E-05	1.4416E-08
Htl	W09	75 Dmnd	59	3	-0.000346726	-1.34992E-05	5.83433E-09
Htl	W10	75 Dmnd	59	3	-0.000433747	-1.55335E-05	1.06191E-08
Htl	W11	75 Dmnd	59	3	-0.000584019	-1.31782E-05	6.17389E-09
Htl	W12	75 Dmnd	59	3	-0.000504654	-1.09E-05	9.93997E-09
Htl	W13	75 Dmnd	59	3	-0.000484033	-1.5481E-05	9.26084E-09
Htl	W14	75 Dmnd	59	3	-0.00047539	-1.85525E-05	1.30269E-08
Htl	W15	75 Dmnd	59	3	-0.00036642	-2.31521E-05	2.39856E-08
Htl	W16	75 Dmnd	59	3	-0.000649617	-1.57033E-05	9.26084E-09
Htl	W01	75 Dmnd	59	7	-0.000443594	6.64619E-06	-3.19005E-08
Htl	W02	75 Dmnd	59	7	-0.000530739	5.58737E-06	-3.42651E-09
Htl	W03	75 Dmnd	59	7	-0.000436648	5.73246E-06	-1.33788E-08
Htl	W04	75 Dmnd	59	7	-0.00045872	3.46973E-06	-2.19482E-08
Htl	W05	75 Dmnd	59	7	-0.000389326	4.16429E-06	-2.26366E-08
Htl	W06	75 Dmnd	59	7	-0.000247172	1.88304E-07	-1.8179E-08
Htl	W07	75 Dmnd	59	7	-0.000211487	3.45738E-07	-9.26084E-09
Htl	W08	75 Dmnd	59	7	-0.000251463	6.45172E-07	7.90258E-09
Htl	W09	75 Dmnd	59	7	-0.000276868	3.41107E-06	2.40782E-09

## SAT Reset db

Htl	W10	75 Dmnd	59	7	-0.000389295	4.96998E-07	3.76607E-09
Htl	W11	75 Dmnd	59	7	-0.000555064	5.26324E-06	7.53215E-09
Htl	W12	75 Dmnd	59	7	-0.000489127	8.35019E-06	3.08695E-09
Htl	W13	75 Dmnd	59	7	-0.000438007	2.17938E-06	2.74738E-09
Htl	W14	75 Dmnd	59	7	-0.000446928	-2.9326E-06	1.02795E-08
Htl	W15	75 Dmnd	59	7	-0.000311905	-8.68667E-06	1.81512E-08
Htl	W16	75 Dmnd	59	7	-0.000644678	-1.78117E-06	1.35826E-09
Htl	W01	85 Dmnd	55	3	-0.000352313	-2.66342E-05	-2.64088E-08
Htl	W02	85 Dmnd	55	3	-0.000487768	-2.69923E-05	1.37369E-08
Htl	W03	85 Dmnd	55	3	-0.000349751	-2.71867E-05	-1.03104E-09
Htl	W04	85 Dmnd	55	3	-0.00043492	-2.65632E-05	4.4452E-09
Htl	W05	85 Dmnd	55	3	-0.00035006	-2.63378E-05	-1.37369E-09
Htl	W06	85 Dmnd	55	3	-0.000293569	-2.48962E-05	-5.83124E-09
Htl	W07	85 Dmnd	55	3	-0.000273411	-2.43591E-05	3.77225E-09
Htl	W08	85 Dmnd	55	3	-0.000325549	-2.44393E-05	2.12691E-08
Htl	W09	85 Dmnd	55	3	-0.000373613	-2.54488E-05	1.64534E-08
Htl	W10	85 Dmnd	55	3	-0.000414608	-2.80819E-05	1.81821E-08
Htl	W11	85 Dmnd	55	3	-0.000549816	-2.83876E-05	2.16086E-08
Htl	W12	85 Dmnd	55	3	-0.000501443	-2.71775E-05	1.33665E-08
Htl	W13	85 Dmnd	55	3	-0.000476192	-2.62051E-05	2.40164E-08
Htl	W14	85 Dmnd	55	3	-0.000455695	-2.73843E-05	2.16086E-08
Htl	W15	85 Dmnd	55	3	-0.000330272	-2.31644E-05	2.84616E-08
Htl	W16	85 Dmnd	55	3	-0.000642671	-3.36384E-05	1.98954E-08
Htl	W01	85 Dmnd	55	7	-0.000316721	-2.31737E-05	-2.88105E-08
Htl	W02	85 Dmnd	55	7	-0.000430938	-1.95774E-05	9.26084E-09
Htl	W03	85 Dmnd	55	7	-0.000273473	-2.14296E-05	-2.74429E-09
Htl	W04	85 Dmnd	55	7	-0.000349411	-1.85217E-05	4.10564E-09
Htl	W05	85 Dmnd	55	7	-0.000273534	-2.08153E-05	-5.48859E-09
Htl	W06	85 Dmnd	55	7	-0.000190063	-1.84229E-05	-5.83124E-09
Htl	W07	85 Dmnd	55	7	-0.000167837	-1.68887E-05	3.42651E-10
Htl	W08	85 Dmnd	55	7	-0.000200621	-1.59286E-05	1.81821E-08
Htl	W09	85 Dmnd	55	7	-0.000236182	-1.49871E-05	1.16687E-08
Htl	W10	85 Dmnd	55	7	-0.000313263	-1.88612E-05	1.57743E-08
Htl	W11	85 Dmnd	55	7	-0.000470975	-1.89909E-05	2.50351E-08
Htl	W12	85 Dmnd	55	7	-0.000431987	-1.86328E-05	1.54347E-08
Htl	W13	85 Dmnd	55	7	-0.000395036	-1.66479E-05	2.26273E-08
Htl	W14	85 Dmnd	55	7	-0.000412416	-2.04973E-05	1.6793E-08
Htl	W15	85 Dmnd	55	7	-0.000261001	-1.37678E-05	2.57143E-08
Htl	W16	85 Dmnd	55	7	-0.000618717	-2.94093E-05	1.612E-08
Htl	W01	85 Dmnd	59	3	-0.000427264	-2.91346E-05	-2.50382E-08
Htl	W02	85 Dmnd	59	3	-0.000591953	-3.03508E-05	2.09295E-08
Htl	W03	85 Dmnd	59	3	-0.000483755	-3.03107E-05	7.20493E-09
Htl	W04	85 Dmnd	59	3	-0.000562442	-2.99526E-05	1.57743E-08
Htl	W05	85 Dmnd	59	3	-0.000452238	-2.95513E-05	5.48859E-09
Htl	W06	85 Dmnd	59	3	-0.00038204	-2.78751E-05	2.39856E-09
Htl	W07	85 Dmnd	59	3	-0.000385096	-2.88629E-05	1.06314E-08
Htl	W08	85 Dmnd	59	3	-0.000400006	-2.67916E-05	3.05299E-08
Htl	W09	85 Dmnd	59	3	-0.000488509	-2.87981E-05	2.53747E-08
Htl	W10	85 Dmnd	59	3	-0.000516631	-3.01625E-05	2.84925E-08
Htl	W11	85 Dmnd	59	3	-0.000664959	-3.18665E-05	3.05299E-08
Htl	W12	85 Dmnd	59	3	-0.000593342	-3.0817E-05	2.64243E-08
Htl	W13	85 Dmnd	59	3	-0.000590718	-3.07738E-05	3.15486E-08
Htl	W14	85 Dmnd	59	3	-0.000523453	-3.26321E-05	3.32773E-08
Htl	W15	85 Dmnd	59	3	-0.000394975	-2.7835E-05	4.38964E-08
Htl	W16	85 Dmnd	59	3	-0.000672553	-3.63673E-05	3.05299E-08
Htl	W01	85 Dmnd	59	7	-0.000426492	-2.83135E-05	-2.36676E-08
Htl	W02	85 Dmnd	59	7	-0.000588897	-2.86654E-05	1.57743E-08
Htl	W03	85 Dmnd	59	7	-0.000476624	-2.85913E-05	4.11799E-09
Htl	W04	85 Dmnd	59	7	-0.000548982	-2.81468E-05	1.23478E-08
Htl	W05	85 Dmnd	59	7	-0.000446774	-2.77825E-05	2.40164E-09
Htl	W06	85 Dmnd	59	7	-0.000346108	-2.60353E-05	-1.71634E-09



## SAT Reset db

Htl	W07	85	Dmnd	59	7	-0.000342651	-2.65385E-05	5.83124E-09
Htl	W08	85	Dmnd	59	7	-0.000348856	-2.45536E-05	2.46956E-08
Htl	W09	85	Dmnd	59	7	-0.000447082	-2.64613E-05	1.98799E-08
Htl	W10	85	Dmnd	59	7	-0.000488386	-2.77763E-05	2.29977E-08
Htl	W11	85	Dmnd	59	7	-0.000649586	-2.98909E-05	2.60847E-08
Htl	W12	85	Dmnd	59	7	-0.000586643	-2.88382E-05	2.12691E-08
Htl	W13	85	Dmnd	59	7	-0.000568307	-2.89185E-05	2.67329E-08
Htl	W14	85	Dmnd	59	7	-0.000511013	-3.11565E-05	2.84616E-08
Htl	W15	85	Dmnd	59	7	-0.000378676	-2.6097E-05	3.97907E-08
Htl	W16	85	Dmnd	59	7	-0.000666255	-3.52498E-05	2.71003E-08
Htl	W01	96	Dmnd	55	3	-0.000362099	-2.8616E-05	-1.64658E-08
Htl	W02	96	Dmnd	55	3	-0.000479588	-2.71651E-05	1.85217E-08
Htl	W03	96	Dmnd	55	3	-0.000292673	-2.77362E-05	4.8002E-09
Htl	W04	96	Dmnd	55	3	-0.000382133	-2.73627E-05	1.78364E-08
Htl	W05	96	Dmnd	55	3	-0.000320024	-2.75109E-05	5.83124E-09
Htl	W06	96	Dmnd	55	3	-0.000161077	-2.38405E-05	-2.74429E-09
Htl	W07	96	Dmnd	55	3	-0.000207659	-2.37602E-05	1.09741E-08
Htl	W08	96	Dmnd	55	3	-0.000214018	-2.41739E-05	2.77825E-08
Htl	W09	96	Dmnd	55	3	-0.000280789	-2.43066E-05	2.0238E-08
Htl	W10	96	Dmnd	55	3	-0.000353116	-2.64026E-05	2.57451E-08
Htl	W11	96	Dmnd	55	3	-0.000510241	-2.56433E-05	2.02349E-08
Htl	W12	96	Dmnd	55	3	-0.00042782	-2.57636E-05	1.68084E-08
Htl	W13	96	Dmnd	55	3	-0.000410965	-2.29638E-05	2.19513E-08
Htl	W14	96	Dmnd	55	3	-0.000398185	-2.74275E-05	2.43529E-08
Htl	W15	96	Dmnd	55	3	-0.000295945	-1.90372E-05	2.91408E-08
Htl	W16	96	Dmnd	55	3	-0.00055423	-3.4154E-05	2.29792E-08
Htl	W01	96	Dmnd	55	7	-0.000344102	-2.65971E-05	-1.78364E-08
Htl	W02	96	Dmnd	55	7	-0.000446527	-2.28002E-05	1.47494E-08
Htl	W03	96	Dmnd	55	7	-0.000251802	-2.38405E-05	6.51654E-09
Htl	W04	96	Dmnd	55	7	-0.000326105	-2.17784E-05	1.40641E-08
Htl	W05	96	Dmnd	55	7	-0.000276745	-2.36337E-05	2.74429E-09
Htl	W06	96	Dmnd	55	7	-8.35328E-05	-1.97842E-05	-3.4296E-09
Htl	W07	96	Dmnd	55	7	-0.00012462	-1.88674E-05	7.5445E-09
Htl	W08	96	Dmnd	55	7	-0.000122305	-1.8284E-05	2.53809E-08
Htl	W09	96	Dmnd	55	7	-0.000184754	-1.75215E-05	1.57805E-08
Htl	W10	96	Dmnd	55	7	-0.000282054	-1.98244E-05	2.33373E-08
Htl	W11	96	Dmnd	55	7	-0.000464894	-2.00034E-05	1.7148E-08
Htl	W12	96	Dmnd	55	7	-0.000386733	-2.03615E-05	1.57774E-08
Htl	W13	96	Dmnd	55	7	-0.000359475	-1.70862E-05	2.1266E-08
Htl	W14	96	Dmnd	55	7	-0.000370279	-2.3257E-05	2.09233E-08
Htl	W15	96	Dmnd	55	7	-0.000246431	-1.29683E-05	2.60538E-08
Htl	W16	96	Dmnd	55	7	-0.000538302	-3.15115E-05	2.19513E-08
Htl	W01	96	Dmnd	59	3	-0.000447206	-3.06534E-05	-1.95496E-08
Htl	W02	96	Dmnd	59	3	-0.000582939	-3.08139E-05	2.57235E-08
Htl	W03	96	Dmnd	59	3	-0.000505333	-3.14405E-05	1.78364E-08
Htl	W04	96	Dmnd	59	3	-0.000513359	-3.0499E-05	2.91531E-08
Htl	W05	96	Dmnd	59	3	-0.000440445	-3.03076E-05	1.13198E-08
Htl	W06	96	Dmnd	59	3	-0.000365124	-2.75109E-05	4.1149E-09
Htl	W07	96	Dmnd	59	3	-0.000365278	-2.76004E-05	1.95496E-08
Htl	W08	96	Dmnd	59	3	-0.000373953	-2.69058E-05	3.7386E-08
Htl	W09	96	Dmnd	59	3	-0.000448842	-2.7943E-05	3.08787E-08
Htl	W10	96	Dmnd	59	3	-0.000449675	-2.85759E-05	3.49751E-08
Htl	W11	96	Dmnd	59	3	-0.00060748	-2.98539E-05	2.81252E-08
Htl	W12	96	Dmnd	59	3	-0.000530615	-2.89339E-05	2.57235E-08
Htl	W13	96	Dmnd	59	3	-0.000508451	-2.80819E-05	2.91624E-08
Htl	W14	96	Dmnd	59	3	-0.00045588	-3.16998E-05	3.32711E-08
Htl	W15	96	Dmnd	59	3	-0.000370835	-2.4782E-05	4.28777E-08
Htl	W16	96	Dmnd	59	3	-0.000587477	-3.63858E-05	3.22431E-08
Htl	W01	96	Dmnd	59	7	-0.000446743	-3.03601E-05	-1.98923E-08
Htl	W02	96	Dmnd	59	7	-0.000583278	-3.00175E-05	2.19513E-08
Htl	W03	96	Dmnd	59	7	-0.000506043	-3.05638E-05	1.68053E-08

SAT Reset db

Htl	W04	96 Dmnd	59	7	-0.000508852	-2.9576E-05	2.70972E-08
Htl	W05	96 Dmnd	59	7	-0.000439674	-2.93569E-05	9.94614E-09
Htl	W06	96 Dmnd	59	7	-0.000344874	-2.67021E-05	1.3706E-09
Htl	W07	96 Dmnd	59	7	-0.000338453	-2.64983E-05	1.612E-08
Htl	W08	96 Dmnd	59	7	-0.000341293	-2.56618E-05	3.32711E-08
Htl	W09	96 Dmnd	59	7	-0.000424239	-2.65045E-05	2.67638E-08
Htl	W10	96 Dmnd	59	7	-0.000436463	-2.72917E-05	3.0499E-08
Htl	W11	96 Dmnd	59	7	-0.000600257	-2.87858E-05	2.46956E-08
Htl	W12	96 Dmnd	59	7	-0.000528948	-2.79276E-05	2.19513E-08
Htl	W13	96 Dmnd	59	7	-0.000495424	-2.69768E-05	2.5387E-08
Htl	W14	96 Dmnd	59	7	-0.000449089	-3.09898E-05	2.98415E-08
Htl	W15	96 Dmnd	59	7	-0.000359784	-2.38158E-05	3.94203E-08
Htl	W16	96 Dmnd	59	7	-0.000583433	-3.57746E-05	3.01842E-08
Htl	W01	3 Dmnd	55	3	-0.000338206	-2.8687E-05	-1.68053E-08
Htl	W02	3 Dmnd	55	3	-0.000435877	-2.58192E-05	1.612E-08
Htl	W03	3 Dmnd	55	3	-0.000335119	-2.37633E-05	1.37369E-09
Htl	W04	3 Dmnd	55	3	-0.000380219	-2.43159E-05	7.89023E-09
Htl	W05	3 Dmnd	55	3	-0.000306009	-2.40566E-05	2.05899E-09
Htl	W06	3 Dmnd	55	3	-0.000247758	-2.03461E-05	-3.77225E-09
Htl	W07	3 Dmnd	55	3	-0.00024356	-1.93551E-05	5.83124E-09
Htl	W08	3 Dmnd	55	3	-0.000255692	-2.03214E-05	1.26904E-08
Htl	W09	3 Dmnd	55	3	-0.000304959	-2.09048E-05	1.71511E-08
Htl	W10	3 Dmnd	55	3	-0.000328019	-2.30965E-05	1.71511E-08
Htl	W11	3 Dmnd	55	3	-0.00049101	-2.57173E-05	1.64627E-08
Htl	W12	3 Dmnd	55	3	-0.000436865	-2.52913E-05	1.4061E-08
Htl	W13	3 Dmnd	55	3	-0.000401982	-2.2297E-05	1.8179E-08
Htl	W14	3 Dmnd	55	3	-0.000365865	-2.67329E-05	1.95527E-08
Htl	W15	3 Dmnd	55	3	-0.000279585	-1.75184E-05	2.40103E-08
Htl	W16	3 Dmnd	55	3	-0.000517804	-3.32958E-05	1.9207E-08
Htl	W01	3 Dmnd	55	7	-0.000336168	-2.73102E-05	-1.78364E-08
Htl	W02	3 Dmnd	55	7	-0.000429332	-2.35657E-05	1.30331E-08
Htl	W03	3 Dmnd	55	7	-0.000325117	-2.1232E-05	3.45738E-10
Htl	W04	3 Dmnd	55	7	-0.000358827	-2.0806E-05	7.20184E-09
Htl	W05	3 Dmnd	55	7	-0.000295699	-2.13339E-05	0
Htl	W06	3 Dmnd	55	7	-0.000216457	-1.71819E-05	-6.85919E-09
Htl	W07	3 Dmnd	55	7	-0.000198768	-1.51199E-05	4.1149E-09
Htl	W08	3 Dmnd	55	7	-0.00020698	-1.55798E-05	9.26084E-09
Htl	W09	3 Dmnd	55	7	-0.000257513	-1.57156E-05	1.37215E-08
Htl	W10	3 Dmnd	55	7	-0.000303508	-1.99478E-05	1.40641E-08
Htl	W11	3 Dmnd	55	7	-0.000474834	-2.24791E-05	1.37184E-08
Htl	W12	3 Dmnd	55	7	-0.000425813	-2.25532E-05	1.13167E-08
Htl	W13	3 Dmnd	55	7	-0.00038309	-1.92008E-05	1.74937E-08
Htl	W14	3 Dmnd	55	7	-0.000355307	-2.3967E-05	1.64658E-08
Htl	W15	3 Dmnd	55	7	-0.000254056	-1.32893E-05	2.16086E-08
Htl	W16	3 Dmnd	55	7	-0.000511445	-3.12306E-05	1.85217E-08
Htl	W01	3 Dmnd	59	3	-0.00040973	-3.07275E-05	-1.44068E-08
Htl	W02	3 Dmnd	59	3	-0.000483694	-2.84524E-05	2.46956E-08
Htl	W03	3 Dmnd	59	3	-0.000436895	-2.72886E-05	1.30331E-08
Htl	W04	3 Dmnd	59	3	-0.000445601	-2.71404E-05	2.09233E-08
Htl	W05	3 Dmnd	59	3	-0.000385127	-2.69027E-05	9.94614E-09
Htl	W06	3 Dmnd	59	3	-0.000337311	-2.34299E-05	3.42651E-10
Htl	W07	3 Dmnd	59	3	-0.00030391	-2.28496E-05	1.74937E-08
Htl	W08	3 Dmnd	59	3	-0.00031527	-2.25872E-05	2.81282E-08
Htl	W09	3 Dmnd	59	3	-0.000372317	-2.34639E-05	2.64119E-08
Htl	W10	3 Dmnd	59	3	-0.000371082	-2.57359E-05	2.67546E-08
Htl	W11	3 Dmnd	59	3	-0.000534505	-2.91593E-05	2.26366E-08
Htl	W12	3 Dmnd	59	3	-0.00047931	-2.84555E-05	2.05807E-08
Htl	W13	3 Dmnd	59	3	-0.000447761	-2.76436E-05	2.57235E-08
Htl	W14	3 Dmnd	59	3	-0.000399914	-3.06348E-05	3.08695E-08
Htl	W15	3 Dmnd	59	3	-0.000331106	-2.27508E-05	3.80713E-08
Htl	W16	3 Dmnd	59	3	-0.000527034	-3.48207E-05	2.70941E-08

SAT Reset db

Htl	W01	3 Dmnd	59	7	-0.000410379	-3.05608E-05	-1.47494E-08
Htl	W02	3 Dmnd	59	7	-0.000485144	-2.82486E-05	2.19513E-08
Htl	W03	3 Dmnd	59	7	-0.000440013	-2.68286E-05	1.23478E-08
Htl	W04	3 Dmnd	59	7	-0.000447082	-2.6699E-05	1.95496E-08
Htl	W05	3 Dmnd	59	7	-0.00038772	-2.64088E-05	9.26084E-09
Htl	W06	3 Dmnd	59	7	-0.000333236	-2.28372E-05	-2.05591E-09
Htl	W07	3 Dmnd	59	7	-0.000295729	-2.21735E-05	1.50921E-08
Htl	W08	3 Dmnd	59	7	-0.000304898	-2.18185E-05	2.50413E-08
Htl	W09	3 Dmnd	59	7	-0.000366637	-2.2581E-05	2.29792E-08
Htl	W10	3 Dmnd	59	7	-0.000369785	-2.52697E-05	2.36676E-08
Htl	W11	3 Dmnd	59	7	-0.000533085	-2.86993E-05	1.98923E-08
Htl	W12	3 Dmnd	59	7	-0.000480576	-2.80295E-05	1.78364E-08
Htl	W13	3 Dmnd	59	7	-0.000444582	-2.71651E-05	2.29823E-08
Htl	W14	3 Dmnd	59	7	-0.000399142	-3.02521E-05	2.81282E-08
Htl	W15	3 Dmnd	59	7	-0.000328544	-2.22106E-05	3.5327E-08
Htl	W16	3 Dmnd	59	7	-0.000525954	-3.44133E-05	2.57235E-08
Htl	W01	5 Dmnd	55	3	-0.00025387	-3.0533E-05	-1.33757E-08
Htl	W02	5 Dmnd	55	3	-0.000324531	-2.82456E-05	1.20051E-08
Htl	W03	5 Dmnd	55	3	-0.000241986	-2.65107E-05	-6.85302E-10
Htl	W04	5 Dmnd	55	3	-0.00028971	-2.58501E-05	7.54758E-09
Htl	W05	5 Dmnd	55	3	-0.000237664	-2.70077E-05	-6.85302E-10
Htl	W06	5 Dmnd	55	3	-0.000185001	-2.21982E-05	-5.83124E-09
Htl	W07	5 Dmnd	55	3	-0.000185186	-2.06918E-05	3.77225E-09
Htl	W08	5 Dmnd	55	3	-0.000198089	-2.18803E-05	1.612E-08
Htl	W09	5 Dmnd	55	3	-0.000237386	-2.13925E-05	1.37184E-08
Htl	W10	5 Dmnd	55	3	-0.000246338	-2.48283E-05	1.64627E-08
Htl	W11	5 Dmnd	55	3	-0.000344071	-2.71836E-05	1.68053E-08
Htl	W12	5 Dmnd	55	3	-0.000335736	-2.70046E-05	1.16594E-08
Htl	W13	5 Dmnd	55	3	-0.000312306	-2.4248E-05	1.78364E-08
Htl	W14	5 Dmnd	55	3	-0.000278288	-2.80202E-05	1.98923E-08
Htl	W15	5 Dmnd	55	3	-0.000209851	-1.93984E-05	2.40072E-08
Htl	W16	5 Dmnd	55	3	-0.00035435	-3.39317E-05	1.44068E-08
Htl	W01	5 Dmnd	55	7	-0.000247913	-2.91747E-05	-1.44037E-08
Htl	W02	5 Dmnd	55	7	-0.000316196	-2.60847E-05	8.91819E-09
Htl	W03	5 Dmnd	55	7	-0.000226304	-2.37139E-05	-2.74429E-09
Htl	W04	5 Dmnd	55	7	-0.000265169	-2.23989E-05	6.85919E-09
Htl	W05	5 Dmnd	55	7	-0.000222785	-2.40257E-05	-2.40164E-09
Htl	W06	5 Dmnd	55	7	-0.000146476	-1.87686E-05	-8.91819E-09
Htl	W07	5 Dmnd	55	7	-0.000137122	-1.66263E-05	1.71325E-09
Htl	W08	5 Dmnd	55	7	-0.000145766	-1.69782E-05	1.26904E-08
Htl	W09	5 Dmnd	55	7	-0.00018818	-1.57774E-05	1.02888E-08
Htl	W10	5 Dmnd	55	7	-0.000217414	-2.13802E-05	1.33757E-08
Htl	W11	5 Dmnd	55	7	-0.000326599	-2.37386E-05	1.44037E-08
Htl	W12	5 Dmnd	55	7	-0.000321814	-2.39887E-05	9.26084E-09
Htl	W13	5 Dmnd	55	7	-0.000290296	-2.0877E-05	1.68053E-08
Htl	W14	5 Dmnd	55	7	-0.000264243	-2.48592E-05	1.68053E-08
Htl	W15	5 Dmnd	55	7	-0.00018605	-1.50612E-05	2.12629E-08
Htl	W16	5 Dmnd	55	7	-0.000346911	-3.18758E-05	1.33757E-08
Htl	W01	5 Dmnd	59	3	-0.000324407	-3.27741E-05	-1.09772E-08
Htl	W02	5 Dmnd	59	3	-0.000365402	-3.10392E-05	1.98923E-08
Htl	W03	5 Dmnd	59	3	-0.000332711	-3.00545E-05	1.02888E-08
Htl	W04	5 Dmnd	59	3	-0.000350245	-2.9292E-05	1.92101E-08
Htl	W05	5 Dmnd	59	3	-0.00031811	-3.0428E-05	6.85919E-09
Htl	W06	5 Dmnd	59	3	-0.00027409	-2.5884E-05	-2.05591E-09
Htl	W07	5 Dmnd	59	3	-0.00025242	-2.50938E-05	1.54347E-08
Htl	W08	5 Dmnd	59	3	-0.000268811	-2.49333E-05	2.43529E-08
Htl	W09	5 Dmnd	59	3	-0.000311257	-2.5279E-05	2.3325E-08
Htl	W10	5 Dmnd	59	3	-0.000289062	-2.73411E-05	2.57235E-08
Htl	W11	5 Dmnd	59	3	-0.000381732	-3.09281E-05	2.26366E-08
Htl	W12	5 Dmnd	59	3	-0.000377317	-3.0286E-05	1.78364E-08
Htl	W13	5 Dmnd	59	3	-0.000350091	-2.88012E-05	2.50382E-08

## SAT Reset db

Htl	W14	5 Dmnd	59	3	-0.000300915	-3.16196E-05	2.91562E-08
Htl	W15	5 Dmnd	59	3	-0.000245875	-2.3612E-05	3.70433E-08
Htl	W16	5 Dmnd	59	3	-0.000365463	-3.53826E-05	2.16086E-08
Htl	W01	5 Dmnd	59	7	-0.000324531	-3.26784E-05	-1.09772E-08
Htl	W02	5 Dmnd	59	7	-0.00036568	-3.08139E-05	1.74937E-08
Htl	W03	5 Dmnd	59	7	-0.000334131	-2.96686E-05	9.60349E-09
Htl	W04	5 Dmnd	59	7	-0.00034864	-2.87703E-05	1.78364E-08
Htl	W05	5 Dmnd	59	7	-0.000318665	-2.99897E-05	6.17389E-09
Htl	W06	5 Dmnd	59	7	-0.000266156	-2.53346E-05	-4.1149E-09
Htl	W07	5 Dmnd	59	7	-0.000239701	-2.44239E-05	1.26904E-08
Htl	W08	5 Dmnd	59	7	-0.000253963	-2.40844E-05	2.1266E-08
Htl	W09	5 Dmnd	59	7	-0.00030178	-2.43344E-05	1.95527E-08
Htl	W10	5 Dmnd	59	7	-0.000284555	-2.68101E-05	2.26366E-08
Htl	W11	5 Dmnd	59	7	-0.000378768	-3.0428E-05	1.95496E-08
Htl	W12	5 Dmnd	59	7	-0.000377009	-2.99279E-05	1.54347E-08
Htl	W13	5 Dmnd	59	7	-0.00034475	-2.83906E-05	2.19513E-08
Htl	W14	5 Dmnd	59	7	-0.000296995	-3.10794E-05	2.60693E-08
Htl	W15	5 Dmnd	59	7	-0.000240442	-2.29761E-05	3.39564E-08
Htl	W16	5 Dmnd	59	7	-0.000363364	-3.48578E-05	2.02349E-08
Rt3	W01	75 Dmnd	55	3	0.000289072	2.62304E-05	3.96388E-08
Rt3	W02	75 Dmnd	55	3	0.000186843	2.37652E-05	-1.51748E-09
Rt3	W03	75 Dmnd	55	3	0.000237761	2.24106E-05	1.30855E-08
Rt3	W04	75 Dmnd	55	3	0.000237795	2.12573E-05	7.58569E-09
Rt3	W05	75 Dmnd	55	3	0.000214325	2.0855E-05	8.72593E-09
Rt3	W06	75 Dmnd	55	3	0.000201676	1.76087E-05	1.87765E-08
Rt3	W07	75 Dmnd	55	3	0.000168681	1.59895E-05	1.15697E-08
Rt3	W08	75 Dmnd	55	3	0.000168732	1.62913E-05	-3.78943E-10
Rt3	W09	75 Dmnd	55	3	0.000179998	1.80711E-05	-3.60337E-09
Rt3	W10	75 Dmnd	55	3	0.000148044	1.73914E-05	-5.87874E-09
Rt3	W11	75 Dmnd	55	3	0.000146371	2.12553E-05	-4.55244E-09
Rt3	W12	75 Dmnd	55	3	0.000191008	2.34784E-05	2.08589E-09
Rt3	W13	75 Dmnd	55	3	0.000164584	1.89429E-05	-8.53475E-09
Rt3	W14	75 Dmnd	55	3	0.000131708	1.95325E-05	-1.11891E-08
Rt3	W15	75 Dmnd	55	3	9.61013E-05	1.30399E-05	-5.4998E-09
Rt3	W16	75 Dmnd	55	3	0.000120733	2.41361E-05	5.31032E-09
Rt3	W01	75 Dmnd	55	7	0.000508091	4.67416E-05	9.08473E-08
Rt3	W02	75 Dmnd	55	7	0.00031937	4.20968E-05	-1.49819E-08
Rt3	W03	75 Dmnd	55	7	0.000469155	4.16788E-05	1.93449E-08
Rt3	W04	75 Dmnd	55	7	0.000435563	3.86206E-05	-6.25939E-09
Rt3	W05	75 Dmnd	55	7	0.00042655	3.95799E-05	6.06992E-09
Rt3	W06	75 Dmnd	55	7	0.000423221	3.25714E-05	2.75007E-08
Rt3	W07	75 Dmnd	55	7	0.000383023	2.98387E-05	9.67329E-09
Rt3	W08	75 Dmnd	55	7	0.000331524	3.0848E-05	-1.95361E-08
Rt3	W09	75 Dmnd	55	7	0.000347962	3.27241E-05	-2.31377E-08
Rt3	W10	75 Dmnd	55	7	0.000285641	3.26694E-05	-2.08624E-08
Rt3	W11	75 Dmnd	55	7	0.000255531	3.86949E-05	-9.10488E-09
Rt3	W12	75 Dmnd	55	7	0.000325396	4.22924E-05	-1.30872E-08
Rt3	W13	75 Dmnd	55	7	0.000283371	3.48095E-05	-1.38451E-08
Rt3	W14	75 Dmnd	55	7	0.000233545	3.61189E-05	-1.64994E-08
Rt3	W15	75 Dmnd	55	7	0.000196658	2.46444E-05	-7.58569E-09
Rt3	W16	75 Dmnd	55	7	0.0002027	3.96304E-05	-7.77687E-09
Rt3	W01	75 Dmnd	59	3	0.000261317	2.42752E-05	5.671E-08
Rt3	W02	75 Dmnd	59	3	0.000150212	1.97752E-05	-7.58569E-09
Rt3	W03	75 Dmnd	59	3	0.00025507	2.05775E-05	-2.08589E-09
Rt3	W04	75 Dmnd	59	3	0.000218831	1.8177E-05	-1.57415E-08
Rt3	W05	75 Dmnd	59	3	0.000225949	1.89895E-05	-5.12085E-09
Rt3	W06	75 Dmnd	59	3	0.000237608	1.56482E-05	2.65602E-09
Rt3	W07	75 Dmnd	59	3	0.000226529	1.43634E-05	-4.93138E-09
Rt3	W08	75 Dmnd	59	3	0.0001695	1.43056E-05	-1.63099E-08
Rt3	W09	75 Dmnd	59	3	0.000182712	1.45361E-05	-1.42257E-08
Rt3	W10	75 Dmnd	59	3	0.000147378	1.50146E-05	-7.20675E-09

SAT Reset db

Rt3	W11	75 Dmnd	59	3	0.000122952	1.84146E-05	2.27707E-09
Rt3	W12	75 Dmnd	59	3	0.000150724	1.99077E-05	-1.28977E-08
Rt3	W13	75 Dmnd	59	3	0.000140567	1.62619E-05	2.84378E-09
Rt3	W14	75 Dmnd	59	3	0.0001158	1.71598E-05	1.89472E-10
Rt3	W15	75 Dmnd	59	3	0.000113717	1.07853E-05	4.93138E-09
Rt3	W16	75 Dmnd	59	3	9.25509E-05	1.78207E-05	-9.67329E-09
Rt3	W01	75 Dmnd	59	7	0.000307507	3.59467E-05	4.24843E-08
Rt3	W02	75 Dmnd	59	7	0.000203486	2.92227E-05	-8.53475E-09
Rt3	W03	75 Dmnd	59	7	0.000328861	3.13046E-05	-1.8208E-08
Rt3	W04	75 Dmnd	59	7	0.000294825	2.71076E-05	-2.08624E-08
Rt3	W05	75 Dmnd	59	7	0.000315325	2.94848E-05	-1.87765E-08
Rt3	W06	75 Dmnd	59	7	0.000323194	2.4059E-05	-9.86276E-09
Rt3	W07	75 Dmnd	59	7	0.000328042	2.23349E-05	-1.46047E-08
Rt3	W08	75 Dmnd	59	7	0.000238205	2.1636E-05	-1.9915E-08
Rt3	W09	75 Dmnd	59	7	0.000250905	2.22296E-05	-1.61221E-08
Rt3	W10	75 Dmnd	59	7	0.000209784	2.30071E-05	-8.34528E-09
Rt3	W11	75 Dmnd	59	7	0.000179827	2.85655E-05	2.0876E-09
Rt3	W12	75 Dmnd	59	7	0.000211542	2.9943E-05	-1.66906E-08
Rt3	W13	75 Dmnd	59	7	0.000195924	2.52199E-05	2.84378E-09
Rt3	W14	75 Dmnd	59	7	0.000169603	2.65221E-05	-1.91178E-10
Rt3	W15	75 Dmnd	59	7	0.000164926	1.76328E-05	4.93138E-09
Rt3	W16	75 Dmnd	59	7	0.000132118	2.48387E-05	-1.32767E-08
Rt3	W01	85 Dmnd	55	3	0.000145859	4.01034E-06	5.31032E-09
Rt3	W02	85 Dmnd	55	3	0.000105763	3.2394E-06	-4.93138E-09
Rt3	W03	85 Dmnd	55	3	0.00012273	3.34243E-06	-7.01727E-09
Rt3	W04	85 Dmnd	55	3	0.00011411	2.91597E-06	-6.06992E-09
Rt3	W05	85 Dmnd	55	3	0.000118701	3.07524E-06	-6.8278E-09
Rt3	W06	85 Dmnd	55	3	0.000101888	2.34475E-06	-3.60337E-09
Rt3	W07	85 Dmnd	55	3	7.58228E-05	2.158E-06	-4.55244E-09
Rt3	W08	85 Dmnd	55	3	8.45965E-05	2.28667E-06	-5.4998E-09
Rt3	W09	85 Dmnd	55	3	8.45111E-05	2.18471E-06	-5.12085E-09
Rt3	W10	85 Dmnd	55	3	8.0056E-05	2.6687E-06	-4.36126E-09
Rt3	W11	85 Dmnd	55	3	8.73276E-05	3.52144E-06	5.68415E-10
Rt3	W12	85 Dmnd	55	3	0.000111344	3.27222E-06	-6.06992E-09
Rt3	W13	85 Dmnd	55	3	0.00010665	3.20958E-06	7.57886E-10
Rt3	W14	85 Dmnd	55	3	7.86221E-05	3.14096E-06	1.89472E-10
Rt3	W15	85 Dmnd	55	3	5.39567E-05	2.09868E-06	2.46484E-09
Rt3	W16	85 Dmnd	55	3	5.99652E-05	2.27451E-06	-5.12085E-09
Rt3	W01	85 Dmnd	55	7	0.00021738	5.16003E-06	4.17179E-09
Rt3	W02	85 Dmnd	55	7	0.00017189	4.42457E-06	-5.5015E-09
Rt3	W03	85 Dmnd	55	7	0.000197426	4.40873E-06	-1.3275E-08
Rt3	W04	85 Dmnd	55	7	0.000178137	3.93974E-06	-9.10488E-09
Rt3	W05	85 Dmnd	55	7	0.000185375	4.44318E-06	-1.23276E-08
Rt3	W06	85 Dmnd	55	7	0.000160931	3.2555E-06	-8.1541E-09
Rt3	W07	85 Dmnd	55	7	0.000141848	3.03294E-06	-9.48382E-09
Rt3	W08	85 Dmnd	55	7	0.00013828	3.29646E-06	-7.77687E-09
Rt3	W09	85 Dmnd	55	7	0.000141216	3.02839E-06	-6.06821E-09
Rt3	W10	85 Dmnd	55	7	0.000128329	3.8106E-06	-5.12085E-09
Rt3	W11	85 Dmnd	55	7	0.000141079	5.08074E-06	5.68415E-10
Rt3	W12	85 Dmnd	55	7	0.000179742	4.58903E-06	-8.34528E-09
Rt3	W13	85 Dmnd	55	7	0.000164755	4.50951E-06	7.57886E-10
Rt3	W14	85 Dmnd	55	7	0.000126092	4.68845E-06	1.89472E-10
Rt3	W15	85 Dmnd	55	7	8.87444E-05	3.05706E-06	2.46484E-09
Rt3	W16	85 Dmnd	55	7	8.99563E-05	3.24048E-06	-7.20845E-09
Rt3	W01	85 Dmnd	59	3	0.000116875	1.75773E-06	-1.89472E-10
Rt3	W02	85 Dmnd	59	3	9.12707E-05	1.65137E-06	1.51748E-09
Rt3	W03	85 Dmnd	59	3	0.000108408	1.50055E-06	-6.8278E-09
Rt3	W04	85 Dmnd	59	3	9.32849E-05	1.40677E-06	-2.46654E-09
Rt3	W05	85 Dmnd	59	3	9.91226E-05	1.75498E-06	-5.12085E-09
Rt3	W06	85 Dmnd	59	3	9.90202E-05	1.22117E-06	-5.68927E-09
Rt3	W07	85 Dmnd	59	3	9.33531E-05	1.13417E-06	-5.12085E-09



SAT Reset db

Rt3	W08	85 Dmnd	59	3	8.40161E-05	1.30481E-06	-3.8065E-10
Rt3	W09	85 Dmnd	59	3	8.72081E-05	1.14803E-06	1.32801E-09
Rt3	W10	85 Dmnd	59	3	7.86904E-05	1.58852E-06	3.03496E-09
Rt3	W11	85 Dmnd	59	3	7.69493E-05	1.97187E-06	7.5874E-09
Rt3	W12	85 Dmnd	59	3	9.55551E-05	1.74479E-06	-1.13683E-09
Rt3	W13	85 Dmnd	59	3	9.17486E-05	1.75418E-06	8.53475E-09
Rt3	W14	85 Dmnd	59	3	7.13505E-05	1.92515E-06	6.06821E-09
Rt3	W15	85 Dmnd	59	3	6.37546E-05	1.18966E-06	7.58569E-09
Rt3	W16	85 Dmnd	59	3	4.68899E-05	1.24676E-06	3.78943E-10
Rt3	W01	85 Dmnd	59	7	0.000123754	1.93712E-06	-1.89642E-09
Rt3	W02	85 Dmnd	59	7	0.000104687	1.93087E-06	1.51748E-09
Rt3	W03	85 Dmnd	59	7	0.0001264	1.67641E-06	-7.96634E-09
Rt3	W04	85 Dmnd	59	7	0.000106189	1.60762E-06	-2.84549E-09
Rt3	W05	85 Dmnd	59	7	0.000118121	2.1251E-06	-6.25939E-09
Rt3	W06	85 Dmnd	59	7	0.000116704	1.39789E-06	-6.8278E-09
Rt3	W07	85 Dmnd	59	7	0.000114622	1.30677E-06	-5.69097E-09
Rt3	W08	85 Dmnd	59	7	9.96006E-05	1.50473E-06	-5.70122E-10
Rt3	W09	85 Dmnd	59	7	0.000103305	1.32347E-06	1.13854E-09
Rt3	W10	85 Dmnd	59	7	9.4548E-05	1.87053E-06	3.03496E-09
Rt3	W11	85 Dmnd	59	7	9.93616E-05	2.48583E-06	7.5874E-09
Rt3	W12	85 Dmnd	59	7	0.000113666	2.04831E-06	-1.13683E-09
Rt3	W13	85 Dmnd	59	7	0.000109398	2.0778E-06	8.53475E-09
Rt3	W14	85 Dmnd	59	7	8.7908E-05	2.38797E-06	6.06821E-09
Rt3	W15	85 Dmnd	59	7	7.89123E-05	1.52414E-06	7.58569E-09
Rt3	W16	85 Dmnd	59	7	5.74901E-05	1.61648E-06	3.78943E-10
Rt3	W01	96 Dmnd	55	3	0.000131008	3.04271E-06	4.36126E-09
Rt3	W02	96 Dmnd	55	3	7.87246E-05	2.26681E-06	-2.08589E-09
Rt3	W03	96 Dmnd	55	3	0.000105814	2.39722E-06	-6.25939E-09
Rt3	W04	96 Dmnd	55	3	9.83716E-05	2.13439E-06	-5.87874E-09
Rt3	W05	96 Dmnd	55	3	9.74669E-05	2.19732E-06	-6.25768E-09
Rt3	W06	96 Dmnd	55	3	8.34358E-05	1.54022E-06	-3.4139E-09
Rt3	W07	96 Dmnd	55	3	6.8278E-05	1.40175E-06	-5.12085E-09
Rt3	W08	96 Dmnd	55	3	6.90974E-05	1.59678E-06	-4.93138E-09
Rt3	W09	96 Dmnd	55	3	7.35013E-05	1.5311E-06	-2.84549E-09
Rt3	W10	96 Dmnd	55	3	6.71173E-05	1.99172E-06	-1.70695E-09
Rt3	W11	96 Dmnd	55	3	6.44374E-05	2.5833E-06	1.51748E-09
Rt3	W12	96 Dmnd	55	3	7.72566E-05	2.349E-06	-4.55244E-09
Rt3	W13	96 Dmnd	55	3	8.45965E-05	2.31826E-06	1.32801E-09
Rt3	W14	96 Dmnd	55	3	5.28813E-05	2.36242E-06	7.57886E-10
Rt3	W15	96 Dmnd	55	3	5.19254E-05	1.60098E-06	3.22443E-09
Rt3	W16	96 Dmnd	55	3	4.96381E-05	1.72283E-06	-4.74191E-09
Rt3	W01	96 Dmnd	55	7	0.000191827	3.83663E-06	3.60337E-09
Rt3	W02	96 Dmnd	55	7	0.000123703	3.01941E-06	-2.27537E-09
Rt3	W03	96 Dmnd	55	7	0.000174126	3.09369E-06	-1.08118E-08
Rt3	W04	96 Dmnd	55	7	0.00016088	2.82505E-06	-7.20675E-09
Rt3	W05	96 Dmnd	55	7	0.000156493	3.14217E-06	-9.86105E-09
Rt3	W06	96 Dmnd	55	7	0.000134491	2.04663E-06	-7.01727E-09
Rt3	W07	96 Dmnd	55	7	0.000121518	1.92049E-06	-7.96634E-09
Rt3	W08	96 Dmnd	55	7	0.000110115	2.21752E-06	-5.4998E-09
Rt3	W09	96 Dmnd	55	7	0.000116124	2.06387E-06	-3.22443E-09
Rt3	W10	96 Dmnd	55	7	0.000100966	2.73749E-06	-1.89642E-09
Rt3	W11	96 Dmnd	55	7	0.000104738	3.59381E-06	1.51748E-09
Rt3	W12	96 Dmnd	55	7	0.000125734	3.17025E-06	-5.31032E-09
Rt3	W13	96 Dmnd	55	7	0.000129267	3.15026E-06	1.32801E-09
Rt3	W14	96 Dmnd	55	7	8.94271E-05	3.39932E-06	5.68415E-10
Rt3	W15	96 Dmnd	55	7	7.73761E-05	2.24884E-06	3.22443E-09
Rt3	W16	96 Dmnd	55	7	7.25795E-05	2.4843E-06	-5.12085E-09
Rt3	W01	96 Dmnd	59	3	0.00010508	1.16243E-06	-7.59593E-10
Rt3	W02	96 Dmnd	59	3	6.84146E-05	1.06319E-06	2.08589E-09
Rt3	W03	96 Dmnd	59	3	0.000104278	9.84228E-07	-5.31203E-09
Rt3	W04	96 Dmnd	59	3	9.18852E-05	9.69104E-07	-1.51748E-09

SAT Reset db

Rt3	W05	96 Dmnd	59	3	8.94613E-05	1.19836E-06	-2.84378E-09
Rt3	W06	96 Dmnd	59	3	8.76861E-05	7.41551E-07	-4.17349E-09
Rt3	W07	96 Dmnd	59	3	7.88782E-05	7.36805E-07	-2.84549E-09
Rt3	W08	96 Dmnd	59	3	6.40789E-05	8.31712E-07	5.70122E-10
Rt3	W09	96 Dmnd	59	3	6.96265E-05	7.04373E-07	1.89642E-09
Rt3	W10	96 Dmnd	59	3	5.82753E-05	9.92011E-07	3.4139E-09
Rt3	W11	96 Dmnd	59	3	5.78998E-05	1.34747E-06	7.77516E-09
Rt3	W12	96 Dmnd	59	3	6.99679E-05	1.12481E-06	0
Rt3	W13	96 Dmnd	59	3	7.04971E-05	1.13331E-06	4.74191E-09
Rt3	W14	96 Dmnd	59	3	5.61757E-05	1.3721E-06	5.69097E-09
Rt3	W15	96 Dmnd	59	3	5.13792E-05	8.30602E-07	7.96634E-09
Rt3	W16	96 Dmnd	59	3	3.53509E-05	9.53161E-07	7.59593E-10
Rt3	W01	96 Dmnd	59	7	0.000111839	1.2626E-06	-1.89642E-09
Rt3	W02	96 Dmnd	59	7	7.59593E-05	1.2727E-06	2.08589E-09
Rt3	W03	96 Dmnd	59	7	0.000116021	1.05413E-06	-5.88045E-09
Rt3	W04	96 Dmnd	59	7	0.00010438	1.11259E-06	-1.51748E-09
Rt3	W05	96 Dmnd	59	7	0.000104943	1.42466E-06	-3.60337E-09
Rt3	W06	96 Dmnd	59	7	0.000102912	8.60627E-07	-4.74191E-09
Rt3	W07	96 Dmnd	59	7	9.51284E-05	8.58733E-07	-3.03496E-09
Rt3	W08	96 Dmnd	59	7	7.43548E-05	9.67107E-07	5.70122E-10
Rt3	W09	96 Dmnd	59	7	7.93561E-05	8.18295E-07	1.89642E-09
Rt3	W10	96 Dmnd	59	7	6.63321E-05	1.18688E-06	3.4139E-09
Rt3	W11	96 Dmnd	59	7	7.30404E-05	1.64226E-06	7.77516E-09
Rt3	W12	96 Dmnd	59	7	8.38283E-05	1.33997E-06	0
Rt3	W13	96 Dmnd	59	7	8.24116E-05	1.3243E-06	4.74191E-09
Rt3	W14	96 Dmnd	59	7	6.78684E-05	1.67655E-06	5.69097E-09
Rt3	W15	96 Dmnd	59	7	6.01359E-05	1.02282E-06	7.96634E-09
Rt3	W16	96 Dmnd	59	7	4.43124E-05	1.21706E-06	7.59593E-10
Rt3	W01	3 Dmnd	55	3	0.000115731	2.75527E-06	1.89642E-09
Rt3	W02	3 Dmnd	55	3	7.07702E-05	1.99782E-06	-1.13854E-09
Rt3	W03	3 Dmnd	55	3	9.29264E-05	2.17112E-06	-7.01727E-09
Rt3	W04	3 Dmnd	55	3	8.73447E-05	1.93044E-06	-5.87874E-09
Rt3	W05	3 Dmnd	55	3	8.05169E-05	2.0812E-06	-7.20675E-09
Rt3	W06	3 Dmnd	55	3	6.41472E-05	1.5587E-06	-5.31032E-09
Rt3	W07	3 Dmnd	55	3	5.452E-05	1.45331E-06	-5.88045E-09
Rt3	W08	3 Dmnd	55	3	5.44517E-05	1.53052E-06	-3.79284E-09
Rt3	W09	3 Dmnd	55	3	6.38058E-05	1.4903E-06	-1.70695E-09
Rt3	W10	3 Dmnd	55	3	5.57831E-05	1.71757E-06	-1.89472E-10
Rt3	W11	3 Dmnd	55	3	5.52881E-05	2.25881E-06	3.03496E-09
Rt3	W12	3 Dmnd	55	3	6.87218E-05	2.05375E-06	-3.98402E-09
Rt3	W13	3 Dmnd	55	3	7.06678E-05	1.99775E-06	2.08589E-09
Rt3	W14	3 Dmnd	55	3	5.05769E-05	2.16697E-06	1.70695E-09
Rt3	W15	3 Dmnd	55	3	4.52513E-05	1.46948E-06	4.36126E-09
Rt3	W16	3 Dmnd	55	3	4.2486E-05	1.57296E-06	-4.17179E-09
Rt3	W01	3 Dmnd	55	7	0.000159054	3.35878E-06	-3.78943E-10
Rt3	W02	3 Dmnd	55	7	0.000103407	2.63625E-06	-1.13854E-09
Rt3	W03	3 Dmnd	55	7	0.000146183	2.69536E-06	-1.11908E-08
Rt3	W04	3 Dmnd	55	7	0.000136266	2.53851E-06	-6.63833E-09
Rt3	W05	3 Dmnd	55	7	0.000123566	2.89048E-06	-1.00522E-08
Rt3	W06	3 Dmnd	55	7	0.000103236	2.10624E-06	-8.34528E-09
Rt3	W07	3 Dmnd	55	7	9.6016E-05	1.99655E-06	-7.96634E-09
Rt3	W08	3 Dmnd	55	7	8.59108E-05	2.22074E-06	-4.36126E-09
Rt3	W09	3 Dmnd	55	7	9.5043E-05	1.98052E-06	-1.89642E-09
Rt3	W10	3 Dmnd	55	7	8.48184E-05	2.36602E-06	-3.78943E-10
Rt3	W11	3 Dmnd	55	7	8.61498E-05	3.12696E-06	3.03496E-09
Rt3	W12	3 Dmnd	55	7	0.000104329	2.72195E-06	-4.36297E-09
Rt3	W13	3 Dmnd	55	7	0.000103885	2.68724E-06	2.08589E-09
Rt3	W14	3 Dmnd	55	7	8.3009E-05	3.05495E-06	1.51748E-09
Rt3	W15	3 Dmnd	55	7	6.65369E-05	2.14106E-06	4.36126E-09
Rt3	W16	3 Dmnd	55	7	6.32255E-05	2.25761E-06	-4.36126E-09
Rt3	W01	3 Dmnd	59	3	7.89123E-05	9.44473E-07	-2.65431E-09

SAT Reset db

Rt3	W02	3 Dmnd	59	3	5.10208E-05	9.20883E-07	2.65431E-09
Rt3	W03	3 Dmnd	59	3	8.42551E-05	8.27086E-07	-4.55073E-09
Rt3	W04	3 Dmnd	59	3	7.54131E-05	8.63666E-07	-5.68415E-10
Rt3	W05	3 Dmnd	59	3	7.35184E-05	1.04259E-06	-2.46484E-09
Rt3	W06	3 Dmnd	59	3	7.11798E-05	7.81323E-07	-4.17179E-09
Rt3	W07	3 Dmnd	59	3	6.72368E-05	7.30711E-07	-2.46484E-09
Rt3	W08	3 Dmnd	59	3	5.48443E-05	9.03574E-07	1.13854E-09
Rt3	W09	3 Dmnd	59	3	5.69439E-05	7.18217E-07	2.84549E-09
Rt3	W10	3 Dmnd	59	3	5.56125E-05	8.87802E-07	4.93138E-09
Rt3	W11	3 Dmnd	59	3	4.93992E-05	1.16534E-06	9.29264E-09
Rt3	W12	3 Dmnd	59	3	5.38372E-05	9.81821E-07	5.68415E-10
Rt3	W13	3 Dmnd	59	3	5.50833E-05	9.57377E-07	5.88045E-09
Rt3	W14	3 Dmnd	59	3	5.08159E-05	1.1058E-06	6.63833E-09
Rt3	W15	3 Dmnd	59	3	4.74362E-05	8.12526E-07	1.00522E-08
Rt3	W16	3 Dmnd	59	3	3.22102E-05	8.65595E-07	1.32801E-09
Rt3	W01	3 Dmnd	59	7	8.60986E-05	1.05676E-06	-3.22443E-09
Rt3	W02	3 Dmnd	59	7	5.89581E-05	1.07384E-06	2.65431E-09
Rt3	W03	3 Dmnd	59	7	9.2824E-05	8.99222E-07	-4.92967E-09
Rt3	W04	3 Dmnd	59	7	8.51427E-05	9.83869E-07	-5.68415E-10
Rt3	W05	3 Dmnd	59	7	8.99051E-05	1.27062E-06	-3.03496E-09
Rt3	W06	3 Dmnd	59	7	8.22238E-05	8.79609E-07	-4.74191E-09
Rt3	W07	3 Dmnd	59	7	7.93391E-05	8.38864E-07	-2.65431E-09
Rt3	W08	3 Dmnd	59	7	6.3601E-05	1.05995E-06	9.49065E-10
Rt3	W09	3 Dmnd	59	7	6.51031E-05	8.17561E-07	2.65431E-09
Rt3	W10	3 Dmnd	59	7	6.32767E-05	1.06862E-06	4.93138E-09
Rt3	W11	3 Dmnd	59	7	6.09381E-05	1.42001E-06	9.29264E-09
Rt3	W12	3 Dmnd	59	7	6.384E-05	1.12147E-06	5.68415E-10
Rt3	W13	3 Dmnd	59	7	6.47105E-05	1.12355E-06	5.88045E-09
Rt3	W14	3 Dmnd	59	7	6.10747E-05	1.37457E-06	6.63833E-09
Rt3	W15	3 Dmnd	59	7	5.47078E-05	9.80814E-07	1.00522E-08
Rt3	W16	3 Dmnd	59	7	4.27933E-05	1.09706E-06	1.13854E-09
Rt3	W01	5 Dmnd	55	3	9.57087E-05	2.74348E-06	3.60337E-09
Rt3	W02	5 Dmnd	55	3	5.87532E-05	1.96007E-06	-9.49065E-10
Rt3	W03	5 Dmnd	55	3	8.37601E-05	2.20473E-06	-6.06992E-09
Rt3	W04	5 Dmnd	55	3	7.61812E-05	1.91772E-06	-5.69097E-09
Rt3	W05	5 Dmnd	55	3	7.21869E-05	2.1066E-06	-6.44886E-09
Rt3	W06	5 Dmnd	55	3	6.17404E-05	1.58458E-06	-3.60337E-09
Rt3	W07	5 Dmnd	55	3	5.48102E-05	1.46332E-06	-4.36297E-09
Rt3	W08	5 Dmnd	55	3	5.05769E-05	1.54397E-06	-3.79284E-09
Rt3	W09	5 Dmnd	55	3	5.81217E-05	1.43427E-06	-1.70695E-09
Rt3	W10	5 Dmnd	55	3	4.97405E-05	1.72508E-06	-5.70122E-10
Rt3	W11	5 Dmnd	55	3	4.75898E-05	2.23013E-06	3.22272E-09
Rt3	W12	5 Dmnd	55	3	5.85655E-05	2.04957E-06	-3.79284E-09
Rt3	W13	5 Dmnd	55	3	6.19623E-05	1.97699E-06	1.89642E-09
Rt3	W14	5 Dmnd	55	3	4.23836E-05	2.15025E-06	1.51748E-09
Rt3	W15	5 Dmnd	55	3	4.23665E-05	1.46847E-06	3.98232E-09
Rt3	W16	5 Dmnd	55	3	3.73481E-05	1.58627E-06	-3.79455E-09
Rt3	W01	5 Dmnd	55	7	0.00013036	3.34474E-06	1.51748E-09
Rt3	W02	5 Dmnd	55	7	8.51939E-05	2.62389E-06	-1.13854E-09
Rt3	W03	5 Dmnd	55	7	0.000129131	2.69994E-06	-1.02417E-08
Rt3	W04	5 Dmnd	55	7	0.000119248	2.51267E-06	-6.44886E-09
Rt3	W05	5 Dmnd	55	7	0.000110371	2.93056E-06	-9.48382E-09
Rt3	W06	5 Dmnd	55	7	9.59306E-05	2.13623E-06	-6.8278E-09
Rt3	W07	5 Dmnd	55	7	9.31654E-05	2.00529E-06	-6.63833E-09
Rt3	W08	5 Dmnd	55	7	8.00731E-05	2.21501E-06	-4.36126E-09
Rt3	W09	5 Dmnd	55	7	8.61157E-05	1.94034E-06	-1.89642E-09
Rt3	W10	5 Dmnd	55	7	7.48839E-05	2.37084E-06	-7.59593E-10
Rt3	W11	5 Dmnd	55	7	7.37403E-05	3.1244E-06	3.22272E-09
Rt3	W12	5 Dmnd	55	7	8.82323E-05	2.75647E-06	-4.36126E-09
Rt3	W13	5 Dmnd	55	7	9.03148E-05	2.70101E-06	1.89642E-09
Rt3	W14	5 Dmnd	55	7	6.7288E-05	3.00862E-06	1.51748E-09



SAT Reset db

Rt3	W15	5 Dmnd	55	7	6.22866E-05	2.12831E-06	3.98232E-09
Rt3	W16	5 Dmnd	55	7	5.58856E-05	2.26461E-06	-4.17349E-09
Rt3	W01	5 Dmnd	59	3	5.94087E-05	9.11102E-07	-2.08589E-09
Rt3	W02	5 Dmnd	59	3	4.0267E-05	8.7797E-07	2.46484E-09
Rt3	W03	5 Dmnd	59	3	6.91656E-05	7.99638E-07	-4.55244E-09
Rt3	W04	5 Dmnd	59	3	6.12283E-05	8.36696E-07	-7.59593E-10
Rt3	W05	5 Dmnd	59	3	6.12795E-05	1.08029E-06	-2.65431E-09
Rt3	W06	5 Dmnd	59	3	5.84289E-05	7.82432E-07	-4.17349E-09
Rt3	W07	5 Dmnd	59	3	5.82924E-05	7.23047E-07	-2.65602E-09
Rt3	W08	5 Dmnd	59	3	4.80507E-05	9.20251E-07	5.68415E-10
Rt3	W09	5 Dmnd	59	3	4.84774E-05	7.31394E-07	2.46654E-09
Rt3	W10	5 Dmnd	59	3	4.73508E-05	8.92923E-07	4.93138E-09
Rt3	W11	5 Dmnd	59	3	4.12911E-05	1.17302E-06	9.29435E-09
Rt3	W12	5 Dmnd	59	3	4.37321E-05	9.75642E-07	7.59593E-10
Rt3	W13	5 Dmnd	59	3	4.65827E-05	9.33702E-07	5.68927E-09
Rt3	W14	5 Dmnd	59	3	4.10863E-05	1.10493E-06	6.8278E-09
Rt3	W15	5 Dmnd	59	3	4.32712E-05	8.26523E-07	1.02417E-08
Rt3	W16	5 Dmnd	59	3	2.76867E-05	8.50744E-07	1.13854E-09
Rt3	W01	5 Dmnd	59	7	6.42411E-05	1.01384E-06	-2.65431E-09
Rt3	W02	5 Dmnd	59	7	4.7641E-05	1.03851E-06	2.46484E-09
Rt3	W03	5 Dmnd	59	7	7.59764E-05	8.70562E-07	-5.12085E-09
Rt3	W04	5 Dmnd	59	7	7.09238E-05	9.78697E-07	-9.49065E-10
Rt3	W05	5 Dmnd	59	7	7.45767E-05	1.29363E-06	-3.22443E-09
Rt3	W06	5 Dmnd	59	7	6.7032E-05	8.7162E-07	-4.74191E-09
Rt3	W07	5 Dmnd	59	7	6.77489E-05	8.35211E-07	-2.84549E-09
Rt3	W08	5 Dmnd	59	7	5.6244E-05	1.06596E-06	3.78943E-10
Rt3	W09	5 Dmnd	59	7	5.5015E-05	8.20753E-07	2.46654E-09
Rt3	W10	5 Dmnd	59	7	5.42469E-05	1.09257E-06	4.93138E-09
Rt3	W11	5 Dmnd	59	7	5.15328E-05	1.45364E-06	9.29435E-09
Rt3	W12	5 Dmnd	59	7	5.2062E-05	1.1046E-06	7.59593E-10
Rt3	W13	5 Dmnd	59	7	5.48785E-05	1.0912E-06	5.68927E-09
Rt3	W14	5 Dmnd	59	7	5.09695E-05	1.38666E-06	6.8278E-09
Rt3	W15	5 Dmnd	59	7	5.00307E-05	1.00408E-06	1.02417E-08
Rt3	W16	5 Dmnd	59	7	3.62044E-05	1.10013E-06	1.13854E-09

**D2. Pre-Calculated Savings Values: Add Chilled Water Supply Temperature Setpoint Reset Strategy**

## CHWST Reset db

\*\*\* Hours are occupied hours! \*\*\*

Pre-Calc'd Values		CHWST Reset								Outputs		
Inputs												
Building Type	Climate Zone	Building Vintage	Reset Type	Reset Range	SAT Reset	VFD Chiller	kWh/hr-ft2	therms/hr-ft2	kW/hr-ft2			
Off	W01	75	OAT	3	NoSATR	VFD_Chill	9.96156E-05	0	2.70569E-08			
Off	W02	75	OAT	3	NoSATR	VFD_Chill	7.90717E-05	0	0			
Off	W03	75	OAT	3	NoSATR	VFD_Chill	0.000113437	0	7.81114E-09			
Off	W04	75	OAT	3	NoSATR	VFD_Chill	0.000111071	0	0			
Off	W05	75	OAT	3	NoSATR	VFD_Chill	0.000107264	0	7.62079E-09			
Off	W06	75	OAT	3	NoSATR	VFD_Chill	9.86038E-05	0	2.1722E-08			
Off	W07	75	OAT	3	NoSATR	VFD_Chill	0.000104897	0	9.9084E-09			
Off	W08	75	OAT	3	NoSATR	VFD_Chill	9.48312E-05	0	1.90348E-10			
Off	W09	75	OAT	3	NoSATR	VFD_Chill	8.79889E-05	0	7.54534E-10			
Off	W10	75	OAT	3	NoSATR	VFD_Chill	7.93289E-05	0	0			
Off	W11	75	OAT	3	NoSATR	VFD_Chill	6.525E-05	0	0			
Off	W12	75	OAT	3	NoSATR	VFD_Chill	7.82314E-05	0	-1.88633E-10			
Off	W13	75	OAT	3	NoSATR	VFD_Chill	7.37728E-05	0	0			
Off	W14	75	OAT	3	NoSATR	VFD_Chill	6.38953E-05	0	0			
Off	W15	75	OAT	3	NoSATR	VFD_Chill	5.74303E-05	0	0			
Off	W16	75	OAT	3	NoSATR	VFD_Chill	6.12716E-05	0	-1.90348E-10			
Off	W01	75	OAT	3	OATSATR	VFD_Chill	5.85792E-05	0	2.11492E-08			
Off	W02	75	OAT	3	OATSATR	VFD_Chill	5.69501E-05	0	-1.90348E-10			
Off	W03	75	OAT	3	OATSATR	VFD_Chill	8.09409E-05	0	7.24009E-09			
Off	W04	75	OAT	3	OATSATR	VFD_Chill	8.5228E-05	0	-1.88633E-10			
Off	W05	75	OAT	3	OATSATR	VFD_Chill	8.41476E-05	0	7.24181E-09			
Off	W06	75	OAT	3	OATSATR	VFD_Chill	8.76459E-05	0	1.8673E-08			
Off	W07	75	OAT	3	OATSATR	VFD_Chill	9.65975E-05	0	9.52599E-09			
Off	W08	75	OAT	3	OATSATR	VFD_Chill	8.46107E-05	0	1.90348E-10			
Off	W09	75	OAT	3	OATSATR	VFD_Chill	7.4716E-05	0	5.83049E-10			
Off	W10	75	OAT	3	OATSATR	VFD_Chill	6.6982E-05	0	0			
Off	W11	75	OAT	3	OATSATR	VFD_Chill	5.08967E-05	0	0			
Off	W12	75	OAT	3	OATSATR	VFD_Chill	5.63328E-05	0	-5.7276E-10			
Off	W13	75	OAT	3	OATSATR	VFD_Chill	5.36748E-05	0	0			
Off	W14	75	OAT	3	OATSATR	VFD_Chill	4.57693E-05	0	0			
Off	W15	75	OAT	3	OATSATR	VFD_Chill	5.19599E-05	0	0			
Off	W16	75	OAT	3	OATSATR	VFD_Chill	4.17051E-05	0	-1.90348E-10			
Off	W01	75	OAT	3	DmdSATR	VFD_Chill	3.59432E-05	0	2.07703E-08			
Off	W02	75	OAT	3	DmdSATR	VFD_Chill	4.39516E-05	0	0			
Off	W03	75	OAT	3	DmdSATR	VFD_Chill	6.06199E-05	0	7.43044E-09			
Off	W04	75	OAT	3	DmdSATR	VFD_Chill	6.75994E-05	0	-1.88633E-10			
Off	W05	75	OAT	3	DmdSATR	VFD_Chill	6.75479E-05	0	7.24009E-09			
Off	W06	75	OAT	3	DmdSATR	VFD_Chill	7.26753E-05	0	1.8673E-08			
Off	W07	75	OAT	3	DmdSATR	VFD_Chill	8.43191E-05	0	9.14701E-09			
Off	W08	75	OAT	3	DmdSATR	VFD_Chill	7.47503E-05	0	1.90348E-10			
Off	W09	75	OAT	3	DmdSATR	VFD_Chill	6.51643E-05	0	7.71682E-10			
Off	W10	75	OAT	3	DmdSATR	VFD_Chill	5.55268E-05	0	0			
Off	W11	75	OAT	3	DmdSATR	VFD_Chill	4.10535E-05	0	0			
Off	W12	75	OAT	3	DmdSATR	VFD_Chill	4.47233E-05	0	0			
Off	W13	75	OAT	3	DmdSATR	VFD_Chill	4.32656E-05	0	0			
Off	W14	75	OAT	3	DmdSATR	VFD_Chill	3.90814E-05	0	0			
Off	W15	75	OAT	3	DmdSATR	VFD_Chill	4.71412E-05	0	0			
Off	W16	75	OAT	3	DmdSATR	VFD_Chill	3.57718E-05	0	-1.88633E-10			
Off	W01	75	OAT	9	NoSATR	VFD_Chill	0.000259903	0	7.24061E-08			
Off	W02	75	OAT	9	NoSATR	VFD_Chill	0.000211973	0	0			
Off	W03	75	OAT	9	NoSATR	VFD_Chill	0.000292725	0	2.26737E-08			
Off	W04	75	OAT	9	NoSATR	VFD_Chill	0.000295949	0	-3.77267E-10			
Off	W05	75	OAT	9	NoSATR	VFD_Chill	0.000281955	0	2.15299E-08			
Off	W06	75	OAT	9	NoSATR	VFD_Chill	0.000264807	0	6.04021E-08			
Off	W07	75	OAT	9	NoSATR	VFD_Chill	0.000279812	0	2.82007E-08			
Off	W08	75	OAT	9	NoSATR	VFD_Chill	0.000256147	0	5.71045E-10			
Off	W09	75	OAT	9	NoSATR	VFD_Chill	0.000236358	0	2.28075E-09			
Off	W10	75	OAT	9	NoSATR	VFD_Chill	0.000212761	0	0			
Off	W11	75	OAT	9	NoSATR	VFD_Chill	0.000177916	0	-1.88633E-10			
Off	W12	75	OAT	9	NoSATR	VFD_Chill	0.000206228	0	-3.77267E-10			
Off	W13	75	OAT	9	NoSATR	VFD_Chill	0.000196539	0	0			
Off	W14	75	OAT	9	NoSATR	VFD_Chill	0.000166958	0	-1.88633E-10			
Off	W15	75	OAT	9	NoSATR	VFD_Chill	0.00015504	0	0			
Off	W16	75	OAT	9	NoSATR	VFD_Chill	0.000162465	0	-3.80697E-10			
Off	W01	75	OAT	9	OATSATR	VFD_Chill	0.000152982	0	5.62093E-08			
Off	W02	75	OAT	9	OATSATR	VFD_Chill	0.000149929	0	-1.90348E-10			
Off	W03	75	OAT	9	OATSATR	VFD_Chill	0.000215814	0	2.13396E-08			
Off	W04	75	OAT	9	OATSATR	VFD_Chill	0.000228812	0	-5.659E-10			
Off	W05	75	OAT	9	OATSATR	VFD_Chill	0.000227389	0	2.09606E-08			
Off	W06	75	OAT	9	OATSATR	VFD_Chill	0.000236083	0	5.16358E-08			
Off	W07	75	OAT	9	OATSATR	VFD_Chill	0.000260451	0	2.70569E-08			
Off	W08	75	OAT	9	OATSATR	VFD_Chill	0.000229344	0	5.71045E-10			
Off	W09	75	OAT	9	OATSATR	VFD_Chill	0.000202026	0	1.71485E-09			
Off	W10	75	OAT	9	OATSATR	VFD_Chill	0.000180008	0	0			
Off	W11	75	OAT	9	OATSATR	VFD_Chill	0.000135593	0	0			
Off	W12	75	OAT	9	OATSATR	VFD_Chill	0.000150598	0	-7.63108E-10			
Off	W13	75	OAT	9	OATSATR	VFD_Chill	0.000145145	0	0			
Off	W14	75	OAT	9	OATSATR	VFD_Chill	0.000123023	0	0			
Off	W15	75	OAT	9	OATSATR	VFD_Chill	0.000141218	0	0			
Off	W16	75	OAT	9	OATSATR	VFD_Chill	0.000112134	0	-5.71045E-10			
Off	W01	75	OAT	9	DmdSATR	VFD_Chill	9.4814E-05	0	5.62093E-08			
Off	W02	75	OAT	9	DmdSATR	VFD_Chill	0.000118513	0	-1.90348E-10			
Off	W03	75	OAT	9	DmdSATR	VFD_Chill	0.000161384	0	2.11492E-08			
Off	W04	75	OAT	9	DmdSATR	VFD_Chill	0.000183146	0	-3.77267E-10			
Off	W05	75	OAT	9	DmdSATR	VFD_Chill	0.000181191	0	2.07685E-08			
Off	W06	75	OAT	9	DmdSATR	VFD_Chill	0.000197705	0	5.16358E-08			
Off	W07	75	OAT	9	DmdSATR	VFD_Chill	0.000227886	0	2.64858E-08			
Off	W08	75	OAT	9	DmdSATR	VFD_Chill	0.000201906	0	5.71045E-10			
Off	W09	75	OAT	9	DmdSATR	VFD_Chill	0.000174469	0	2.28075E-09			
Off	W10	75	OAT	9	DmdSATR	VFD_Chill	0.000148917	0	0			
Off	W11	75	OAT	9	DmdSATR	VFD_Chill	0.000111842	0	0			

## CHWST Reset db

Ofi	W12	75	OAT	9	DmdSATR	VFD_Chill	0.000120914	0	-3.94415E-10
Ofi	W13	75	OAT	9	DmdSATR	VFD_Chill	0.00011733	0	0
Ofi	W14	75	OAT	9	DmdSATR	VFD_Chill	0.000104777	0	-1.88633E-10
Ofi	W15	75	OAT	9	DmdSATR	VFD_Chill	0.00012731	0	0
Ofi	W16	75	OAT	9	DmdSATR	VFD_Chill	9.63231E-05	0	-5.83049E-10
Ofi	W01	75	OAT	3	NoSATR	No_VFD_Chill	3.34739E-05	0	1.02891E-08
Ofi	W02	75	OAT	3	NoSATR	No_VFD_Chill	2.66488E-05	0	0
Ofi	W03	75	OAT	3	NoSATR	No_VFD_Chill	3.96816E-05	0	3.05243E-09
Ofi	W04	75	OAT	3	NoSATR	No_VFD_Chill	3.66978E-05	0	0
Ofi	W05	75	OAT	3	NoSATR	No_VFD_Chill	3.8344E-05	0	3.049E-09
Ofi	W06	75	OAT	3	NoSATR	No_VFD_Chill	3.49315E-05	0	8.76288E-09
Ofi	W07	75	OAT	3	NoSATR	No_VFD_Chill	3.68007E-05	0	3.9956E-09
Ofi	W08	75	OAT	3	NoSATR	No_VFD_Chill	3.16047E-05	0	0
Ofi	W09	75	OAT	3	NoSATR	No_VFD_Chill	3.037E-05	0	1.88633E-10
Ofi	W10	75	OAT	3	NoSATR	No_VFD_Chill	2.73347E-05	0	0
Ofi	W11	75	OAT	3	NoSATR	No_VFD_Chill	2.04582E-05	0	0
Ofi	W12	75	OAT	3	NoSATR	No_VFD_Chill	2.6443E-05	0	0
Ofi	W13	75	OAT	3	NoSATR	No_VFD_Chill	2.49511E-05	0	0
Ofi	W14	75	OAT	3	NoSATR	No_VFD_Chill	2.24645E-05	0	0
Ofi	W15	75	OAT	3	NoSATR	No_VFD_Chill	1.89319E-05	0	0
Ofi	W16	75	OAT	3	NoSATR	No_VFD_Chill	2.05267E-05	0	-1.88633E-10
Ofi	W01	75	OAT	3	OATSATR	No_VFD_Chill	1.8589E-05	0	7.24009E-09
Ofi	W02	75	OAT	3	OATSATR	No_VFD_Chill	1.97894E-05	0	0
Ofi	W03	75	OAT	3	OATSATR	No_VFD_Chill	2.51054E-05	0	2.85865E-09
Ofi	W04	75	OAT	3	OATSATR	No_VFD_Chill	2.6906E-05	0	-1.88633E-10
Ofi	W05	75	OAT	3	OATSATR	No_VFD_Chill	2.61E-05	0	2.85694E-09
Ofi	W06	75	OAT	3	OATSATR	No_VFD_Chill	2.92382E-05	0	7.04974E-09
Ofi	W07	75	OAT	3	OATSATR	No_VFD_Chill	3.09016E-05	0	3.80697E-09
Ofi	W08	75	OAT	3	OATSATR	No_VFD_Chill	2.69746E-05	0	1.88633E-10
Ofi	W09	75	OAT	3	OATSATR	No_VFD_Chill	2.40936E-05	0	3.77267E-10
Ofi	W10	75	OAT	3	OATSATR	No_VFD_Chill	2.23102E-05	0	0
Ofi	W11	75	OAT	3	OATSATR	No_VFD_Chill	1.71485E-05	0	0
Ofi	W12	75	OAT	3	OATSATR	No_VFD_Chill	1.87433E-05	0	-5.83049E-10
Ofi	W13	75	OAT	3	OATSATR	No_VFD_Chill	1.67541E-05	0	0
Ofi	W14	75	OAT	3	OATSATR	No_VFD_Chill	1.56737E-05	0	0
Ofi	W15	75	OAT	3	OATSATR	No_VFD_Chill	1.66683E-05	0	0
Ofi	W16	75	OAT	3	OATSATR	No_VFD_Chill	1.39074E-05	0	-1.88633E-10
Ofi	W01	75	OAT	3	DmdSATR	No_VFD_Chill	1.12494E-05	0	6.47699E-09
Ofi	W02	75	OAT	3	DmdSATR	No_VFD_Chill	1.45762E-05	0	-1.88633E-10
Ofi	W03	75	OAT	3	DmdSATR	No_VFD_Chill	1.88976E-05	0	2.85865E-09
Ofi	W04	75	OAT	3	DmdSATR	No_VFD_Chill	2.04924E-05	0	-1.88633E-10
Ofi	W05	75	OAT	3	DmdSATR	No_VFD_Chill	2.18815E-05	0	2.85694E-09
Ofi	W06	75	OAT	3	DmdSATR	No_VFD_Chill	2.27389E-05	0	6.8594E-09
Ofi	W07	75	OAT	3	DmdSATR	No_VFD_Chill	2.57913E-05	0	3.61833E-09
Ofi	W08	75	OAT	3	DmdSATR	No_VFD_Chill	2.33391E-05	0	1.88633E-10
Ofi	W09	75	OAT	3	DmdSATR	No_VFD_Chill	2.10583E-05	0	3.77267E-10
Ofi	W10	75	OAT	3	DmdSATR	No_VFD_Chill	1.77315E-05	0	-1.88633E-10
Ofi	W11	75	OAT	3	DmdSATR	No_VFD_Chill	1.32558E-05	0	0
Ofi	W12	75	OAT	3	DmdSATR	No_VFD_Chill	1.45248E-05	0	-2.05782E-10
Ofi	W13	75	OAT	3	DmdSATR	No_VFD_Chill	1.34959E-05	0	0
Ofi	W14	75	OAT	3	DmdSATR	No_VFD_Chill	1.27756E-05	0	0
Ofi	W15	75	OAT	3	DmdSATR	No_VFD_Chill	1.5125E-05	0	0
Ofi	W16	75	OAT	3	DmdSATR	No_VFD_Chill	1.14209E-05	0	-2.05782E-10
Ofi	W01	75	OAT	9	NoSATR	No_VFD_Chill	8.91722E-05	0	2.70569E-08
Ofi	W02	75	OAT	9	NoSATR	No_VFD_Chill	7.46817E-05	0	0
Ofi	W03	75	OAT	9	NoSATR	No_VFD_Chill	9.93412E-05	0	9.14015E-09
Ofi	W04	75	OAT	9	NoSATR	No_VFD_Chill	9.97185E-05	0	-3.77267E-10
Ofi	W05	75	OAT	9	NoSATR	No_VFD_Chill	0.000100319	0	8.76459E-09
Ofi	W06	75	OAT	9	NoSATR	No_VFD_Chill	9.46425E-05	0	2.40079E-08
Ofi	W07	75	OAT	9	NoSATR	No_VFD_Chill	9.73863E-05	0	1.16267E-08
Ofi	W08	75	OAT	9	NoSATR	No_VFD_Chill	8.7423E-05	0	0
Ofi	W09	75	OAT	9	NoSATR	No_VFD_Chill	8.21927E-05	0	9.60316E-10
Ofi	W10	75	OAT	9	NoSATR	No_VFD_Chill	7.39786E-05	0	0
Ofi	W11	75	OAT	9	NoSATR	No_VFD_Chill	6.02084E-05	0	0
Ofi	W12	75	OAT	9	NoSATR	No_VFD_Chill	6.96057E-05	0	-1.88633E-10
Ofi	W13	75	OAT	9	NoSATR	No_VFD_Chill	6.72049E-05	0	0
Ofi	W14	75	OAT	9	NoSATR	No_VFD_Chill	5.80476E-05	0	0
Ofi	W15	75	OAT	9	NoSATR	No_VFD_Chill	5.20114E-05	0	0
Ofi	W16	75	OAT	9	NoSATR	No_VFD_Chill	5.59727E-05	0	-1.88633E-10
Ofi	W01	75	OAT	9	OATSATR	No_VFD_Chill	4.93705E-05	0	1.88633E-08
Ofi	W02	75	OAT	9	OATSATR	No_VFD_Chill	5.14283E-05	0	0
Ofi	W03	75	OAT	9	OATSATR	No_VFD_Chill	6.84396E-05	0	8.19355E-09
Ofi	W04	75	OAT	9	OATSATR	No_VFD_Chill	7.33955E-05	0	-5.659E-10
Ofi	W05	75	OAT	9	OATSATR	No_VFD_Chill	7.36871E-05	0	8.3839E-09
Ofi	W06	75	OAT	9	OATSATR	No_VFD_Chill	8.02035E-05	0	1.9244E-08
Ofi	W07	75	OAT	9	OATSATR	No_VFD_Chill	8.45078E-05	0	1.0855E-08
Ofi	W08	75	OAT	9	OATSATR	No_VFD_Chill	7.42187E-05	0	1.88633E-10
Ofi	W09	75	OAT	9	OATSATR	No_VFD_Chill	6.59017E-05	0	7.54534E-10
Ofi	W10	75	OAT	9	OATSATR	No_VFD_Chill	6.03455E-05	0	0
Ofi	W11	75	OAT	9	OATSATR	No_VFD_Chill	4.55464E-05	0	0
Ofi	W12	75	OAT	9	OATSATR	No_VFD_Chill	5.03137E-05	0	-7.71682E-10
Ofi	W13	75	OAT	9	OATSATR	No_VFD_Chill	4.64896E-05	0	-1.88633E-10
Ofi	W14	75	OAT	9	OATSATR	No_VFD_Chill	4.31113E-05	0	0
Ofi	W15	75	OAT	9	OATSATR	No_VFD_Chill	4.58722E-05	0	0
Ofi	W16	75	OAT	9	OATSATR	No_VFD_Chill	3.80697E-05	0	-5.659E-10
Ofi	W01	75	OAT	9	DmdSATR	No_VFD_Chill	2.99413E-05	0	1.77195E-08
Ofi	W02	75	OAT	9	DmdSATR	No_VFD_Chill	3.96473E-05	0	-1.88633E-10
Ofi	W03	75	OAT	9	DmdSATR	No_VFD_Chill	4.99879E-05	0	8.0032E-09
Ofi	W04	75	OAT	9	DmdSATR	No_VFD_Chill	5.63328E-05	0	-3.77267E-10
Ofi	W05	75	OAT	9	DmdSATR	No_VFD_Chill	5.85964E-05	0	8.19183E-09
Ofi	W06	75	OAT	9	DmdSATR	No_VFD_Chill	6.34494E-05	0	1.86713E-08
Ofi	W07	75	OAT	9	DmdSATR	No_VFD_Chill	7.02574E-05	0	1.04777E-08
Ofi	W08	75	OAT	9	DmdSATR	No_VFD_Chill	6.30893E-05	0	1.88633E-10
Ofi	W09	75	OAT	9	DmdSATR	No_VFD_Chill	5.47894E-05	0	1.14895E-09
Ofi	W10	75	OAT	9	DmdSATR	No_VFD_Chill	4.69183E-05	0	-1.88633E-10
Ofi	W11	75	OAT	9	DmdSATR	No_VFD_Chill	3.69036E-05	0	0
Ofi	W12	75	OAT	9	DmdSATR	No_VFD_Chill	3.93386E-05	0	-3.94415E-10
Ofi	W13	75	OAT	9	DmdSATR	No_VFD_Chill	3.69207E-05	0	0

## CHWST Reset db

Ofi	W14	75 OAT	9 DmdSATR	No_VFD_Chill	3.40741E-05	0	0
Ofi	W15	75 OAT	9 DmdSATR	No_VFD_Chill	4.04876E-05	0	0
Ofi	W16	75 OAT	9 DmdSATR	No_VFD_Chill	3.12103E-05	0	-3.94415E-10
Ofi	W01	85 OAT	3 NoSATR	VFD_Chill	9.60658E-05	0	2.24834E-08
Ofi	W02	85 OAT	3 NoSATR	VFD_Chill	7.77513E-05	0	0
Ofi	W03	85 OAT	3 NoSATR	VFD_Chill	0.000104023	0	6.66905E-09
Ofi	W04	85 OAT	3 NoSATR	VFD_Chill	0.000107127	0	-1.90348E-10
Ofi	W05	85 OAT	3 NoSATR	VFD_Chill	9.82952E-05	0	6.28835E-09
Ofi	W06	85 OAT	3 NoSATR	VFD_Chill	9.81065E-05	0	1.79116E-08
Ofi	W07	85 OAT	3 NoSATR	VFD_Chill	0.000101039	0	8.57425E-09
Ofi	W08	85 OAT	3 NoSATR	VFD_Chill	9.44539E-05	0	0
Ofi	W09	85 OAT	3 NoSATR	VFD_Chill	8.76116E-05	0	5.71045E-10
Ofi	W10	85 OAT	3 NoSATR	VFD_Chill	7.77856E-05	0	0
Ofi	W11	85 OAT	3 NoSATR	VFD_Chill	6.63132E-05	0	0
Ofi	W12	85 OAT	3 NoSATR	VFD_Chill	8.03407E-05	0	-1.92063E-10
Ofi	W13	85 OAT	3 NoSATR	VFD_Chill	7.37385E-05	0	0
Ofi	W14	85 OAT	3 NoSATR	VFD_Chill	5.84078E-05	0	0
Ofi	W15	85 OAT	3 NoSATR	VFD_Chill	4.95248E-05	0	0
Ofi	W16	85 OAT	3 NoSATR	VFD_Chill	5.63328E-05	0	-1.90348E-10
Ofi	W01	85 OAT	3 OATSATR	VFD_Chill	5.28859E-05	0	1.90537E-08
Ofi	W02	85 OAT	3 OATSATR	VFD_Chill	5.22857E-05	0	-1.90348E-10
Ofi	W03	85 OAT	3 OATSATR	VFD_Chill	7.61222E-05	0	6.66905E-09
Ofi	W04	85 OAT	3 OATSATR	VFD_Chill	8.15239E-05	0	-1.90348E-10
Ofi	W05	85 OAT	3 OATSATR	VFD_Chill	7.99634E-05	0	6.66733E-09
Ofi	W06	85 OAT	3 OATSATR	VFD_Chill	8.93265E-05	0	1.79116E-08
Ofi	W07	85 OAT	3 OATSATR	VFD_Chill	9.48998E-05	0	8.76459E-09
Ofi	W08	85 OAT	3 OATSATR	VFD_Chill	8.49193E-05	0	0
Ofi	W09	85 OAT	3 OATSATR	VFD_Chill	7.42187E-05	0	5.71045E-10
Ofi	W10	85 OAT	3 OATSATR	VFD_Chill	6.40496E-05	0	-1.90348E-10
Ofi	W11	85 OAT	3 OATSATR	VFD_Chill	4.87532E-05	0	0
Ofi	W12	85 OAT	3 OATSATR	VFD_Chill	5.66243E-05	0	-1.90348E-10
Ofi	W13	85 OAT	3 OATSATR	VFD_Chill	5.46522E-05	0	0
Ofi	W14	85 OAT	3 OATSATR	VFD_Chill	4.12593E-05	0	0
Ofi	W15	85 OAT	3 OATSATR	VFD_Chill	4.53235E-05	0	0
Ofi	W16	85 OAT	3 OATSATR	VFD_Chill	3.75038E-05	0	-1.90348E-10
Ofi	W01	85 OAT	3 DmdSATR	VFD_Chill	4.89761E-05	0	2.2293E-08
Ofi	W02	85 OAT	3 DmdSATR	VFD_Chill	4.72612E-05	0	-1.92063E-10
Ofi	W03	85 OAT	3 DmdSATR	VFD_Chill	6.72221E-05	0	6.8594E-09
Ofi	W04	85 OAT	3 DmdSATR	VFD_Chill	7.36699E-05	0	-1.90348E-10
Ofi	W05	85 OAT	3 DmdSATR	VFD_Chill	7.05832E-05	0	6.66905E-09
Ofi	W06	85 OAT	3 DmdSATR	VFD_Chill	8.03064E-05	0	1.82923E-08
Ofi	W07	85 OAT	3 DmdSATR	VFD_Chill	8.59825E-05	0	8.95494E-09
Ofi	W08	85 OAT	3 DmdSATR	VFD_Chill	7.8643E-05	0	1.90348E-10
Ofi	W09	85 OAT	3 DmdSATR	VFD_Chill	6.8594E-05	0	5.71045E-10
Ofi	W10	85 OAT	3 DmdSATR	VFD_Chill	5.82363E-05	0	0
Ofi	W11	85 OAT	3 DmdSATR	VFD_Chill	4.50491E-05	0	-1.90348E-10
Ofi	W12	85 OAT	3 DmdSATR	VFD_Chill	5.19771E-05	0	-1.90348E-10
Ofi	W13	85 OAT	3 DmdSATR	VFD_Chill	4.84959E-05	0	0
Ofi	W14	85 OAT	3 DmdSATR	VFD_Chill	4.10878E-05	0	0
Ofi	W15	85 OAT	3 DmdSATR	VFD_Chill	4.19452E-05	0	0
Ofi	W16	85 OAT	3 DmdSATR	VFD_Chill	3.80182E-05	0	-1.90348E-10
Ofi	W01	85 OAT	9 NoSATR	VFD_Chill	0.000245446	0	6.02101E-08
Ofi	W02	85 OAT	9 NoSATR	VFD_Chill	0.000203655	0	-1.90348E-10
Ofi	W03	85 OAT	9 NoSATR	VFD_Chill	0.000272318	0	1.90554E-08
Ofi	W04	85 OAT	9 NoSATR	VFD_Chill	0.000282556	0	-5.71045E-10
Ofi	W05	85 OAT	9 NoSATR	VFD_Chill	0.000258788	0	1.81019E-08
Ofi	W06	85 OAT	9 NoSATR	VFD_Chill	0.000264944	0	4.97306E-08
Ofi	W07	85 OAT	9 NoSATR	VFD_Chill	0.000272147	0	2.49596E-08
Ofi	W08	85 OAT	9 NoSATR	VFD_Chill	0.000253695	0	1.90348E-10
Ofi	W09	85 OAT	9 NoSATR	VFD_Chill	0.000233219	0	1.9052E-09
Ofi	W10	85 OAT	9 NoSATR	VFD_Chill	0.000206125	0	5.7276E-10
Ofi	W11	85 OAT	9 NoSATR	VFD_Chill	0.000176372	0	0
Ofi	W12	85 OAT	9 NoSATR	VFD_Chill	0.000212144	0	-5.7276E-10
Ofi	W13	85 OAT	9 NoSATR	VFD_Chill	0.000195424	0	0
Ofi	W14	85 OAT	9 NoSATR	VFD_Chill	0.000153702	0	0
Ofi	W15	85 OAT	9 NoSATR	VFD_Chill	0.00013429	0	0
Ofi	W16	85 OAT	9 NoSATR	VFD_Chill	0.000148729	0	-5.7276E-10
Ofi	W01	85 OAT	9 OATSATR	VFD_Chill	0.000139366	0	5.14455E-08
Ofi	W02	85 OAT	9 OATSATR	VFD_Chill	0.00014036	0	-3.80697E-10
Ofi	W03	85 OAT	9 OATSATR	VFD_Chill	0.000203004	0	1.94361E-08
Ofi	W04	85 OAT	9 OATSATR	VFD_Chill	0.00021734	0	-3.80697E-10
Ofi	W05	85 OAT	9 OATSATR	VFD_Chill	0.000213773	0	1.86713E-08
Ofi	W06	85 OAT	9 OATSATR	VFD_Chill	0.000239667	0	4.9921E-08
Ofi	W07	85 OAT	9 OATSATR	VFD_Chill	0.000254261	0	2.51517E-08
Ofi	W08	85 OAT	9 OATSATR	VFD_Chill	0.000228418	0	1.90348E-10
Ofi	W09	85 OAT	9 OATSATR	VFD_Chill	0.00019966	0	1.71485E-09
Ofi	W10	85 OAT	9 OATSATR	VFD_Chill	0.00017272	0	-1.90348E-10
Ofi	W11	85 OAT	9 OATSATR	VFD_Chill	0.000130157	0	0
Ofi	W12	85 OAT	9 OATSATR	VFD_Chill	0.000152587	0	-5.71045E-10
Ofi	W13	85 OAT	9 OATSATR	VFD_Chill	0.000145196	0	0
Ofi	W14	85 OAT	9 OATSATR	VFD_Chill	0.000111036	0	0
Ofi	W15	85 OAT	9 OATSATR	VFD_Chill	0.000122114	0	0
Ofi	W16	85 OAT	9 OATSATR	VFD_Chill	0.000100987	0	-3.80697E-10
Ofi	W01	85 OAT	9 DmdSATR	VFD_Chill	0.000127173	0	5.90663E-08
Ofi	W02	85 OAT	9 DmdSATR	VFD_Chill	0.000127808	0	-3.82411E-10
Ofi	W03	85 OAT	9 DmdSATR	VFD_Chill	0.000178241	0	1.98168E-08
Ofi	W04	85 OAT	9 DmdSATR	VFD_Chill	0.000196419	0	-5.71045E-10
Ofi	W05	85 OAT	9 DmdSATR	VFD_Chill	0.000188239	0	1.9244E-08
Ofi	W06	85 OAT	9 DmdSATR	VFD_Chill	0.0002165	0	5.04937E-08
Ofi	W07	85 OAT	9 DmdSATR	VFD_Chill	0.000233374	0	2.57227E-08
Ofi	W08	85 OAT	9 DmdSATR	VFD_Chill	0.000210772	0	5.7276E-10
Ofi	W09	85 OAT	9 DmdSATR	VFD_Chill	0.000184844	0	1.9052E-09
Ofi	W10	85 OAT	9 DmdSATR	VFD_Chill	0.000158178	0	-1.90348E-10
Ofi	W11	85 OAT	9 DmdSATR	VFD_Chill	0.000121428	0	-1.90348E-10
Ofi	W12	85 OAT	9 DmdSATR	VFD_Chill	0.000139417	0	-3.80697E-10
Ofi	W13	85 OAT	9 DmdSATR	VFD_Chill	0.000130963	0	-1.90348E-10
Ofi	W14	85 OAT	9 DmdSATR	VFD_Chill	0.000109767	0	-1.90348E-10
Ofi	W15	85 OAT	9 DmdSATR	VFD_Chill	0.000115547	0	0

## CHWST Reset db

Ofi	W16	85 OAT	9 DmdSATR	VFD_Chill	0.000101073	0	-3.80697E-10
Ofi	W01	85 OAT	3 NoSATR	No_VFD_Chill	2.94611E-05	0	7.24181E-09
Ofi	W02	85 OAT	3 NoSATR	No_VFD_Chill	2.33905E-05	0	-1.90348E-10
Ofi	W03	85 OAT	3 NoSATR	No_VFD_Chill	3.0833E-05	0	2.47796E-09
Ofi	W04	85 OAT	3 NoSATR	No_VFD_Chill	3.15532E-05	0	-1.90348E-10
Ofi	W05	85 OAT	3 NoSATR	No_VFD_Chill	3.00099E-05	0	2.28589E-09
Ofi	W06	85 OAT	3 NoSATR	No_VFD_Chill	2.86037E-05	0	6.4787E-09
Ofi	W07	85 OAT	3 NoSATR	No_VFD_Chill	2.97183E-05	0	3.23935E-09
Ofi	W08	85 OAT	3 NoSATR	No_VFD_Chill	2.77806E-05	0	-1.90348E-10
Ofi	W09	85 OAT	3 NoSATR	No_VFD_Chill	2.598E-05	0	1.90348E-10
Ofi	W10	85 OAT	3 NoSATR	No_VFD_Chill	2.34763E-05	0	0
Ofi	W11	85 OAT	3 NoSATR	No_VFD_Chill	1.94978E-05	0	0
Ofi	W12	85 OAT	3 NoSATR	No_VFD_Chill	2.35106E-05	0	-1.90348E-10
Ofi	W13	85 OAT	3 NoSATR	No_VFD_Chill	2.12813E-05	0	0
Ofi	W14	85 OAT	3 NoSATR	No_VFD_Chill	1.76458E-05	0	0
Ofi	W15	85 OAT	3 NoSATR	No_VFD_Chill	1.41818E-05	0	0
Ofi	W16	85 OAT	3 NoSATR	No_VFD_Chill	1.64454E-05	0	-1.90348E-10
Ofi	W01	85 OAT	3 OATSATR	No_VFD_Chill	1.59481E-05	0	5.90766E-09
Ofi	W02	85 OAT	3 OATSATR	No_VFD_Chill	1.57423E-05	0	0
Ofi	W03	85 OAT	3 OATSATR	No_VFD_Chill	2.28761E-05	0	2.47624E-09
Ofi	W04	85 OAT	3 OATSATR	No_VFD_Chill	2.41794E-05	0	-1.92063E-10
Ofi	W05	85 OAT	3 OATSATR	No_VFD_Chill	2.45566E-05	0	2.66831E-09
Ofi	W06	85 OAT	3 OATSATR	No_VFD_Chill	2.73518E-05	0	6.4787E-09
Ofi	W07	85 OAT	3 OATSATR	No_VFD_Chill	2.83979E-05	0	3.4297E-09
Ofi	W08	85 OAT	3 OATSATR	No_VFD_Chill	2.55684E-05	0	0
Ofi	W09	85 OAT	3 OATSATR	No_VFD_Chill	2.24474E-05	0	1.90348E-10
Ofi	W10	85 OAT	3 OATSATR	No_VFD_Chill	1.88805E-05	0	-1.90348E-10
Ofi	W11	85 OAT	3 OATSATR	No_VFD_Chill	1.45076E-05	0	0
Ofi	W12	85 OAT	3 OATSATR	No_VFD_Chill	1.64111E-05	0	-1.90348E-10
Ofi	W13	85 OAT	3 OATSATR	No_VFD_Chill	1.65654E-05	0	0
Ofi	W14	85 OAT	3 OATSATR	No_VFD_Chill	1.23641E-05	0	0
Ofi	W15	85 OAT	3 OATSATR	No_VFD_Chill	1.36673E-05	0	0
Ofi	W16	85 OAT	3 OATSATR	No_VFD_Chill	1.07693E-05	0	-1.90348E-10
Ofi	W01	85 OAT	3 DmdSATR	No_VFD_Chill	1.41818E-05	0	7.81114E-09
Ofi	W02	85 OAT	3 DmdSATR	No_VFD_Chill	1.32901E-05	0	-1.90348E-10
Ofi	W03	85 OAT	3 DmdSATR	No_VFD_Chill	1.99265E-05	0	2.66831E-09
Ofi	W04	85 OAT	3 DmdSATR	No_VFD_Chill	2.11784E-05	0	-1.90348E-10
Ofi	W05	85 OAT	3 DmdSATR	No_VFD_Chill	2.15042E-05	0	2.66599E-09
Ofi	W06	85 OAT	3 DmdSATR	No_VFD_Chill	2.37335E-05	0	6.66905E-09
Ofi	W07	85 OAT	3 DmdSATR	No_VFD_Chill	2.48996E-05	0	3.62005E-09
Ofi	W08	85 OAT	3 DmdSATR	No_VFD_Chill	2.35449E-05	0	0
Ofi	W09	85 OAT	3 DmdSATR	No_VFD_Chill	1.98408E-05	0	1.90348E-10
Ofi	W10	85 OAT	3 DmdSATR	No_VFD_Chill	1.68398E-05	0	-1.90348E-10
Ofi	W11	85 OAT	3 DmdSATR	No_VFD_Chill	1.30329E-05	0	0
Ofi	W12	85 OAT	3 DmdSATR	No_VFD_Chill	1.53479E-05	0	-1.90348E-10
Ofi	W13	85 OAT	3 DmdSATR	No_VFD_Chill	1.3976E-05	0	0
Ofi	W14	85 OAT	3 DmdSATR	No_VFD_Chill	1.18839E-05	0	0
Ofi	W15	85 OAT	3 DmdSATR	No_VFD_Chill	1.19182E-05	0	0
Ofi	W16	85 OAT	3 DmdSATR	No_VFD_Chill	1.11465E-05	0	0
Ofi	W01	85 OAT	9 NoSATR	No_VFD_Chill	7.48189E-05	0	1.96264E-08
Ofi	W02	85 OAT	9 NoSATR	No_VFD_Chill	6.20947E-05	0	-3.80697E-10
Ofi	W03	85 OAT	9 NoSATR	No_VFD_Chill	8.17297E-05	0	6.8594E-09
Ofi	W04	85 OAT	9 NoSATR	No_VFD_Chill	8.39933E-05	0	-5.71045E-10
Ofi	W05	85 OAT	9 NoSATR	No_VFD_Chill	7.9226E-05	0	6.66905E-09
Ofi	W06	85 OAT	9 NoSATR	No_VFD_Chill	8.06494E-05	0	1.79116E-08
Ofi	W07	85 OAT	9 NoSATR	No_VFD_Chill	8.19183E-05	0	9.5277E-09
Ofi	W08	85 OAT	9 NoSATR	No_VFD_Chill	7.57277E-05	0	-1.90348E-10
Ofi	W09	85 OAT	9 NoSATR	No_VFD_Chill	6.93142E-05	0	7.61393E-10
Ofi	W10	85 OAT	9 NoSATR	No_VFD_Chill	6.24548E-05	0	3.80697E-10
Ofi	W11	85 OAT	9 NoSATR	No_VFD_Chill	5.40006E-05	0	0
Ofi	W12	85 OAT	9 NoSATR	No_VFD_Chill	6.32265E-05	0	-5.71045E-10
Ofi	W13	85 OAT	9 NoSATR	No_VFD_Chill	5.76018E-05	0	0
Ofi	W14	85 OAT	9 NoSATR	No_VFD_Chill	4.71241E-05	0	-1.90348E-10
Ofi	W15	85 OAT	9 NoSATR	No_VFD_Chill	3.95959E-05	0	0
Ofi	W16	85 OAT	9 NoSATR	No_VFD_Chill	4.49119E-05	0	-5.71045E-10
Ofi	W01	85 OAT	9 OATSATR	No_VFD_Chill	4.31799E-05	0	1.61967E-08
Ofi	W02	85 OAT	9 OATSATR	No_VFD_Chill	4.34886E-05	0	-1.90348E-10
Ofi	W03	85 OAT	9 OATSATR	No_VFD_Chill	6.26949E-05	0	7.04974E-09
Ofi	W04	85 OAT	9 OATSATR	No_VFD_Chill	6.42554E-05	0	-5.7276E-10
Ofi	W05	85 OAT	9 OATSATR	No_VFD_Chill	6.68963E-05	0	7.24009E-09
Ofi	W06	85 OAT	9 OATSATR	No_VFD_Chill	7.4493E-05	0	1.81002E-08
Ofi	W07	85 OAT	9 OATSATR	No_VFD_Chill	7.6105E-05	0	9.71805E-09
Ofi	W08	85 OAT	9 OATSATR	No_VFD_Chill	6.91427E-05	0	-1.92063E-10
Ofi	W09	85 OAT	9 OATSATR	No_VFD_Chill	6.06885E-05	0	7.63108E-10
Ofi	W10	85 OAT	9 OATSATR	No_VFD_Chill	5.20114E-05	0	-1.90348E-10
Ofi	W11	85 OAT	9 OATSATR	No_VFD_Chill	3.90128E-05	0	0
Ofi	W12	85 OAT	9 OATSATR	No_VFD_Chill	4.51177E-05	0	-3.80697E-10
Ofi	W13	85 OAT	9 OATSATR	No_VFD_Chill	4.33857E-05	0	-1.90348E-10
Ofi	W14	85 OAT	9 OATSATR	No_VFD_Chill	3.38683E-05	0	0
Ofi	W15	85 OAT	9 OATSATR	No_VFD_Chill	3.67835E-05	0	0
Ofi	W16	85 OAT	9 OATSATR	No_VFD_Chill	2.98898E-05	0	-5.7276E-10
Ofi	W01	85 OAT	9 DmdSATR	No_VFD_Chill	3.61147E-05	0	2.05782E-08
Ofi	W02	85 OAT	9 DmdSATR	No_VFD_Chill	3.70579E-05	0	-3.80697E-10
Ofi	W03	85 OAT	9 DmdSATR	No_VFD_Chill	5.26287E-05	0	7.6225E-09
Ofi	W04	85 OAT	9 DmdSATR	No_VFD_Chill	5.53382E-05	0	-3.80697E-10
Ofi	W05	85 OAT	9 DmdSATR	No_VFD_Chill	5.72245E-05	0	7.62079E-09
Ofi	W06	85 OAT	9 DmdSATR	No_VFD_Chill	6.45298E-05	0	1.84809E-08
Ofi	W07	85 OAT	9 DmdSATR	No_VFD_Chill	6.86969E-05	0	1.00987E-08
Ofi	W08	85 OAT	9 DmdSATR	No_VFD_Chill	6.19061E-05	0	0
Ofi	W09	85 OAT	9 DmdSATR	No_VFD_Chill	5.32461E-05	0	7.63108E-10
Ofi	W10	85 OAT	9 DmdSATR	No_VFD_Chill	4.6884E-05	0	-1.90348E-10
Ofi	W11	85 OAT	9 DmdSATR	No_VFD_Chill	3.58918E-05	0	0
Ofi	W12	85 OAT	9 DmdSATR	No_VFD_Chill	4.10535E-05	0	-5.7276E-10
Ofi	W13	85 OAT	9 DmdSATR	No_VFD_Chill	3.80354E-05	0	0
Ofi	W14	85 OAT	9 DmdSATR	No_VFD_Chill	3.19133E-05	0	-1.90348E-10
Ofi	W15	85 OAT	9 DmdSATR	No_VFD_Chill	3.41083E-05	0	0
Ofi	W16	85 OAT	9 DmdSATR	No_VFD_Chill	2.94097E-05	0	-3.80697E-10
Ofi	W01	96 OAT	3 NoSATR	VFD_Chill	7.40815E-05	0	1.9244E-08



## CHWST Reset db

Ofi	W02	96 OAT	3 NoSATR	VFD_Chill	6.58845E-05	0	0
Ofi	W03	96 OAT	3 NoSATR	VFD_Chill	8.71486E-05	0	5.71731E-09
Ofi	W04	96 OAT	3 NoSATR	VFD_Chill	9.28248E-05	0	0
Ofi	W05	96 OAT	3 NoSATR	VFD_Chill	8.53823E-05	0	4.76385E-09
Ofi	W06	96 OAT	3 NoSATR	VFD_Chill	8.69086E-05	0	1.6195E-08
Ofi	W07	96 OAT	3 NoSATR	VFD_Chill	8.95837E-05	0	7.81114E-09
Ofi	W08	96 OAT	3 NoSATR	VFD_Chill	8.21584E-05	0	0
Ofi	W09	96 OAT	3 NoSATR	VFD_Chill	7.57106E-05	0	5.71045E-10
Ofi	W10	96 OAT	3 NoSATR	VFD_Chill	6.6176E-05	0	0
Ofi	W11	96 OAT	3 NoSATR	VFD_Chill	5.13426E-05	0	0
Ofi	W12	96 OAT	3 NoSATR	VFD_Chill	6.23005E-05	0	0
Ofi	W13	96 OAT	3 NoSATR	VFD_Chill	5.74989E-05	0	0
Ofi	W14	96 OAT	3 NoSATR	VFD_Chill	4.62152E-05	0	0
Ofi	W15	96 OAT	3 NoSATR	VFD_Chill	4.10192E-05	0	0
Ofi	W16	96 OAT	3 NoSATR	VFD_Chill	4.48948E-05	0	-1.90348E-10
Ofi	W01	96 OAT	3 OATSATR	VFD_Chill	4.02475E-05	0	1.67661E-08
Ofi	W02	96 OAT	3 OATSATR	VFD_Chill	4.33342E-05	0	0
Ofi	W03	96 OAT	3 OATSATR	VFD_Chill	6.10486E-05	0	5.90766E-09
Ofi	W04	96 OAT	3 OATSATR	VFD_Chill	6.94514E-05	0	0
Ofi	W05	96 OAT	3 OATSATR	VFD_Chill	6.74793E-05	0	5.71559E-09
Ofi	W06	96 OAT	3 OATSATR	VFD_Chill	7.53505E-05	0	1.58143E-08
Ofi	W07	96 OAT	3 OATSATR	VFD_Chill	8.3033E-05	0	8.00149E-09
Ofi	W08	96 OAT	3 OATSATR	VFD_Chill	7.20923E-05	0	1.90348E-10
Ofi	W09	96 OAT	3 OATSATR	VFD_Chill	6.35352E-05	0	5.71045E-10
Ofi	W10	96 OAT	3 OATSATR	VFD_Chill	5.4052E-05	0	-1.90348E-10
Ofi	W11	96 OAT	3 OATSATR	VFD_Chill	3.74866E-05	0	0
Ofi	W12	96 OAT	3 OATSATR	VFD_Chill	4.32313E-05	0	-1.90348E-10
Ofi	W13	96 OAT	3 OATSATR	VFD_Chill	4.1002E-05	0	0
Ofi	W14	96 OAT	3 OATSATR	VFD_Chill	3.2222E-05	0	0
Ofi	W15	96 OAT	3 OATSATR	VFD_Chill	3.70579E-05	0	0
Ofi	W16	96 OAT	3 OATSATR	VFD_Chill	3.00956E-05	0	-1.90348E-10
Ofi	W01	96 OAT	3 DmdSATR	VFD_Chill	3.76409E-05	0	1.8673E-08
Ofi	W02	96 OAT	3 DmdSATR	VFD_Chill	4.07448E-05	0	0
Ofi	W03	96 OAT	3 DmdSATR	VFD_Chill	5.46179E-05	0	6.098E-09
Ofi	W04	96 OAT	3 DmdSATR	VFD_Chill	6.25405E-05	0	-1.90348E-10
Ofi	W05	96 OAT	3 DmdSATR	VFD_Chill	6.02255E-05	0	5.90594E-09
Ofi	W06	96 OAT	3 DmdSATR	VFD_Chill	6.77194E-05	0	1.6195E-08
Ofi	W07	96 OAT	3 DmdSATR	VFD_Chill	7.49904E-05	0	8.00149E-09
Ofi	W08	96 OAT	3 DmdSATR	VFD_Chill	6.62103E-05	0	1.90348E-10
Ofi	W09	96 OAT	3 DmdSATR	VFD_Chill	5.77904E-05	0	5.71045E-10
Ofi	W10	96 OAT	3 DmdSATR	VFD_Chill	4.78443E-05	0	0
Ofi	W11	96 OAT	3 DmdSATR	VFD_Chill	3.28222E-05	0	0
Ofi	W12	96 OAT	3 DmdSATR	VFD_Chill	3.85498E-05	0	-1.90348E-10
Ofi	W13	96 OAT	3 DmdSATR	VFD_Chill	3.67835E-05	0	0
Ofi	W14	96 OAT	3 DmdSATR	VFD_Chill	3.23592E-05	0	0
Ofi	W15	96 OAT	3 DmdSATR	VFD_Chill	3.44685E-05	0	0
Ofi	W16	96 OAT	3 DmdSATR	VFD_Chill	3.01128E-05	0	-1.90348E-10
Ofi	W01	96 OAT	9 NoSATR	VFD_Chill	0.000190863	0	5.12551E-08
Ofi	W02	96 OAT	9 NoSATR	VFD_Chill	0.000172445	0	-1.90348E-10
Ofi	W03	96 OAT	9 NoSATR	VFD_Chill	0.000226789	0	1.58161E-08
Ofi	W04	96 OAT	9 NoSATR	VFD_Chill	0.000245944	0	-1.90348E-10
Ofi	W05	96 OAT	9 NoSATR	VFD_Chill	0.000224731	0	1.58143E-08
Ofi	W06	96 OAT	9 NoSATR	VFD_Chill	0.000230356	0	4.42037E-08
Ofi	W07	96 OAT	9 NoSATR	VFD_Chill	0.000241811	0	2.26737E-08
Ofi	W08	96 OAT	9 NoSATR	VFD_Chill	0.00022053	0	1.90348E-10
Ofi	W09	96 OAT	9 NoSATR	VFD_Chill	0.000202884	0	1.5245E-09
Ofi	W10	96 OAT	9 NoSATR	VFD_Chill	0.000176064	0	0
Ofi	W11	96 OAT	9 NoSATR	VFD_Chill	0.000135627	0	0
Ofi	W12	96 OAT	9 NoSATR	VFD_Chill	0.000164214	0	-1.90348E-10
Ofi	W13	96 OAT	9 NoSATR	VFD_Chill	0.000152519	0	0
Ofi	W14	96 OAT	9 NoSATR	VFD_Chill	0.000121977	0	-1.92063E-10
Ofi	W15	96 OAT	9 NoSATR	VFD_Chill	0.000111757	0	0
Ofi	W16	96 OAT	9 NoSATR	VFD_Chill	0.000117433	0	-3.80697E-10
Ofi	W01	96 OAT	9 OATSATR	VFD_Chill	0.000105566	0	4.47764E-08
Ofi	W02	96 OAT	9 OATSATR	VFD_Chill	0.000115701	0	-1.90348E-10
Ofi	W03	96 OAT	9 OATSATR	VFD_Chill	0.000163511	0	1.71485E-08
Ofi	W04	96 OAT	9 OATSATR	VFD_Chill	0.000186541	0	-1.90348E-10
Ofi	W05	96 OAT	9 OATSATR	VFD_Chill	0.000180539	0	1.60047E-08
Ofi	W06	96 OAT	9 OATSATR	VFD_Chill	0.000202455	0	4.4015E-08
Ofi	W07	96 OAT	9 OATSATR	VFD_Chill	0.000223273	0	2.30544E-08
Ofi	W08	96 OAT	9 OATSATR	VFD_Chill	0.00019467	0	3.80697E-10
Ofi	W09	96 OAT	9 OATSATR	VFD_Chill	0.000172188	0	1.5245E-09
Ofi	W10	96 OAT	9 OATSATR	VFD_Chill	0.000145333	0	-1.90348E-10
Ofi	W11	96 OAT	9 OATSATR	VFD_Chill	9.98728E-05	0	0
Ofi	W12	96 OAT	9 OATSATR	VFD_Chill	0.000117296	0	-3.80697E-10
Ofi	W13	96 OAT	9 OATSATR	VFD_Chill	0.000110093	0	0
Ofi	W14	96 OAT	9 OATSATR	VFD_Chill	8.74402E-05	0	0
Ofi	W15	96 OAT	9 OATSATR	VFD_Chill	0.000100782	0	0
Ofi	W16	96 OAT	9 OATSATR	VFD_Chill	8.1181E-05	0	-3.80697E-10
Ofi	W01	96 OAT	9 DmdSATR	VFD_Chill	9.78836E-05	0	4.9921E-08
Ofi	W02	96 OAT	9 DmdSATR	VFD_Chill	0.000109459	0	-1.90348E-10
Ofi	W03	96 OAT	9 DmdSATR	VFD_Chill	0.000145179	0	1.75292E-08
Ofi	W04	96 OAT	9 DmdSATR	VFD_Chill	0.00016869	0	-3.80697E-10
Ofi	W05	96 OAT	9 DmdSATR	VFD_Chill	0.000161402	0	1.69581E-08
Ofi	W06	96 OAT	9 DmdSATR	VFD_Chill	0.000183043	0	4.47764E-08
Ofi	W07	96 OAT	9 DmdSATR	VFD_Chill	0.000204273	0	2.32448E-08
Ofi	W08	96 OAT	9 DmdSATR	VFD_Chill	0.000179973	0	3.80697E-10
Ofi	W09	96 OAT	9 DmdSATR	VFD_Chill	0.000158212	0	1.71485E-09
Ofi	W10	96 OAT	9 DmdSATR	VFD_Chill	0.000130946	0	0
Ofi	W11	96 OAT	9 DmdSATR	VFD_Chill	8.95494E-05	0	0
Ofi	W12	96 OAT	9 DmdSATR	VFD_Chill	0.000103285	0	-1.90348E-10
Ofi	W13	96 OAT	9 DmdSATR	VFD_Chill	0.000100113	0	0
Ofi	W14	96 OAT	9 DmdSATR	VFD_Chill	8.6497E-05	0	0
Ofi	W15	96 OAT	9 DmdSATR	VFD_Chill	9.3888E-05	0	0
Ofi	W16	96 OAT	9 DmdSATR	VFD_Chill	8.08037E-05	0	-3.80697E-10
Ofi	W01	96 OAT	3 NoSATR	No_VFD_Chill	2.17271E-05	0	5.90594E-09
Ofi	W02	96 OAT	3 NoSATR	No_VFD_Chill	1.94464E-05	0	0
Ofi	W03	96 OAT	3 NoSATR	No_VFD_Chill	2.55513E-05	0	2.09555E-09

## CHWST Reset db

Ofi	W04	96 OAT	3 NoSATR	No_VFD_Chill	2.66659E-05	0	0
Ofi	W05	96 OAT	3 NoSATR	No_VFD_Chill	2.50196E-05	0	9.51741E-10
Ofi	W06	96 OAT	3 NoSATR	No_VFD_Chill	2.59628E-05	0	5.71731E-09
Ofi	W07	96 OAT	3 NoSATR	No_VFD_Chill	2.50882E-05	0	3.049E-09
Ofi	W08	96 OAT	3 NoSATR	No_VFD_Chill	2.32191E-05	0	0
Ofi	W09	96 OAT	3 NoSATR	No_VFD_Chill	2.12984E-05	0	1.90348E-10
Ofi	W10	96 OAT	3 NoSATR	No_VFD_Chill	1.88462E-05	0	-1.90348E-10
Ofi	W11	96 OAT	3 NoSATR	No_VFD_Chill	1.46448E-05	0	0
Ofi	W12	96 OAT	3 NoSATR	No_VFD_Chill	1.76629E-05	0	-1.90348E-10
Ofi	W13	96 OAT	3 NoSATR	No_VFD_Chill	1.61367E-05	0	0
Ofi	W14	96 OAT	3 NoSATR	No_VFD_Chill	1.34616E-05	0	0
Ofi	W15	96 OAT	3 NoSATR	No_VFD_Chill	1.11294E-05	0	0
Ofi	W16	96 OAT	3 NoSATR	No_VFD_Chill	1.29128E-05	0	-1.90348E-10
Ofi	W01	96 OAT	3 OATSATR	No_VFD_Chill	1.19182E-05	0	5.71731E-09
Ofi	W02	96 OAT	3 OATSATR	No_VFD_Chill	1.26556E-05	0	0
Ofi	W03	96 OAT	3 OATSATR	No_VFD_Chill	1.732E-05	0	2.09555E-09
Ofi	W04	96 OAT	3 OATSATR	No_VFD_Chill	1.99437E-05	0	0
Ofi	W05	96 OAT	3 OATSATR	No_VFD_Chill	1.98408E-05	0	2.09555E-09
Ofi	W06	96 OAT	3 OATSATR	No_VFD_Chill	2.22073E-05	0	5.52524E-09
Ofi	W07	96 OAT	3 OATSATR	No_VFD_Chill	2.38364E-05	0	2.85865E-09
Ofi	W08	96 OAT	3 OATSATR	No_VFD_Chill	2.08697E-05	0	0
Ofi	W09	96 OAT	3 OATSATR	No_VFD_Chill	1.81603E-05	0	1.90348E-10
Ofi	W10	96 OAT	3 OATSATR	No_VFD_Chill	1.57423E-05	0	0
Ofi	W11	96 OAT	3 OATSATR	No_VFD_Chill	1.09236E-05	0	0
Ofi	W12	96 OAT	3 OATSATR	No_VFD_Chill	1.20382E-05	0	-1.90348E-10
Ofi	W13	96 OAT	3 OATSATR	No_VFD_Chill	1.17467E-05	0	0
Ofi	W14	96 OAT	3 OATSATR	No_VFD_Chill	9.19159E-06	0	0
Ofi	W15	96 OAT	3 OATSATR	No_VFD_Chill	1.04949E-05	0	0
Ofi	W16	96 OAT	3 OATSATR	No_VFD_Chill	8.41991E-06	0	-1.90348E-10
Ofi	W01	96 OAT	3 DmdSATR	No_VFD_Chill	1.06835E-05	0	6.098E-09
Ofi	W02	96 OAT	3 DmdSATR	No_VFD_Chill	1.19868E-05	0	-1.90348E-10
Ofi	W03	96 OAT	3 DmdSATR	No_VFD_Chill	1.57252E-05	0	2.09555E-09
Ofi	W04	96 OAT	3 DmdSATR	No_VFD_Chill	1.76972E-05	0	-1.90348E-10
Ofi	W05	96 OAT	3 DmdSATR	No_VFD_Chill	1.77144E-05	0	2.28589E-09
Ofi	W06	96 OAT	3 DmdSATR	No_VFD_Chill	1.95664E-05	0	5.71559E-09
Ofi	W07	96 OAT	3 DmdSATR	No_VFD_Chill	2.11269E-05	0	3.04729E-09
Ofi	W08	96 OAT	3 DmdSATR	No_VFD_Chill	1.89834E-05	0	0
Ofi	W09	96 OAT	3 DmdSATR	No_VFD_Chill	1.59481E-05	0	1.90348E-10
Ofi	W10	96 OAT	3 DmdSATR	No_VFD_Chill	1.31357E-05	0	0
Ofi	W11	96 OAT	3 DmdSATR	No_VFD_Chill	8.96866E-06	0	0
Ofi	W12	96 OAT	3 DmdSATR	No_VFD_Chill	1.06492E-05	0	0
Ofi	W13	96 OAT	3 DmdSATR	No_VFD_Chill	1.02205E-05	0	0
Ofi	W14	96 OAT	3 DmdSATR	No_VFD_Chill	9.51741E-06	0	-1.90348E-10
Ofi	W15	96 OAT	3 DmdSATR	No_VFD_Chill	9.79179E-06	0	0
Ofi	W16	96 OAT	3 DmdSATR	No_VFD_Chill	8.50565E-06	0	-1.90348E-10
Ofi	W01	96 OAT	9 NoSATR	No_VFD_Chill	5.66758E-05	0	1.58143E-08
Ofi	W02	96 OAT	9 NoSATR	No_VFD_Chill	5.15655E-05	0	-1.90348E-10
Ofi	W03	96 OAT	9 NoSATR	No_VFD_Chill	6.64161E-05	0	5.14455E-09
Ofi	W04	96 OAT	9 NoSATR	No_VFD_Chill	7.15778E-05	0	-3.80697E-10
Ofi	W05	96 OAT	9 NoSATR	No_VFD_Chill	6.6056E-05	0	5.14455E-09
Ofi	W06	96 OAT	9 NoSATR	No_VFD_Chill	6.85597E-05	0	1.56257E-08
Ofi	W07	96 OAT	9 NoSATR	No_VFD_Chill	6.96057E-05	0	8.3839E-09
Ofi	W08	96 OAT	9 NoSATR	No_VFD_Chill	6.30722E-05	0	0
Ofi	W09	96 OAT	9 NoSATR	No_VFD_Chill	5.82363E-05	0	5.71045E-10
Ofi	W10	96 OAT	9 NoSATR	No_VFD_Chill	5.07938E-05	0	-1.90348E-10
Ofi	W11	96 OAT	9 NoSATR	No_VFD_Chill	3.93215E-05	0	0
Ofi	W12	96 OAT	9 NoSATR	No_VFD_Chill	4.7347E-05	0	-3.80697E-10
Ofi	W13	96 OAT	9 NoSATR	No_VFD_Chill	4.38658E-05	0	0
Ofi	W14	96 OAT	9 NoSATR	No_VFD_Chill	3.63034E-05	0	-1.90348E-10
Ofi	W15	96 OAT	9 NoSATR	No_VFD_Chill	3.16047E-05	0	0
Ofi	W16	96 OAT	9 NoSATR	No_VFD_Chill	3.40055E-05	0	-3.80697E-10
Ofi	W01	96 OAT	9 OATSATR	No_VFD_Chill	3.17762E-05	0	1.46722E-08
Ofi	W02	96 OAT	9 OATSATR	No_VFD_Chill	3.39197E-05	0	-1.90348E-10
Ofi	W03	96 OAT	9 OATSATR	No_VFD_Chill	4.793E-05	0	6.28835E-09
Ofi	W04	96 OAT	9 OATSATR	No_VFD_Chill	5.41378E-05	0	-3.80697E-10
Ofi	W05	96 OAT	9 OATSATR	No_VFD_Chill	5.42407E-05	0	5.52524E-09
Ofi	W06	96 OAT	9 OATSATR	No_VFD_Chill	6.04999E-05	0	1.54336E-08
Ofi	W07	96 OAT	9 OATSATR	No_VFD_Chill	6.44955E-05	0	8.3839E-09
Ofi	W08	96 OAT	9 OATSATR	No_VFD_Chill	5.70187E-05	0	0
Ofi	W09	96 OAT	9 OATSATR	No_VFD_Chill	5.0348E-05	0	5.71045E-10
Ofi	W10	96 OAT	9 OATSATR	No_VFD_Chill	4.29227E-05	0	0
Ofi	W11	96 OAT	9 OATSATR	No_VFD_Chill	2.89295E-05	0	0
Ofi	W12	96 OAT	9 OATSATR	No_VFD_Chill	3.37482E-05	0	-3.82411E-10
Ofi	W13	96 OAT	9 OATSATR	No_VFD_Chill	3.16733E-05	0	0
Ofi	W14	96 OAT	9 OATSATR	No_VFD_Chill	2.58256E-05	0	0
Ofi	W15	96 OAT	9 OATSATR	No_VFD_Chill	2.90667E-05	0	0
Ofi	W16	96 OAT	9 OATSATR	No_VFD_Chill	2.33905E-05	0	-3.80697E-10
Ofi	W01	96 OAT	9 DmdSATR	No_VFD_Chill	2.72318E-05	0	1.67678E-08
Ofi	W02	96 OAT	9 DmdSATR	No_VFD_Chill	3.26507E-05	0	-1.90348E-10
Ofi	W03	96 OAT	9 DmdSATR	No_VFD_Chill	4.16708E-05	0	6.4787E-09
Ofi	W04	96 OAT	9 DmdSATR	No_VFD_Chill	4.80672E-05	0	-3.82411E-10
Ofi	W05	96 OAT	9 DmdSATR	No_VFD_Chill	4.78614E-05	0	6.47699E-09
Ofi	W06	96 OAT	9 DmdSATR	No_VFD_Chill	5.36405E-05	0	1.60047E-08
Ofi	W07	96 OAT	9 DmdSATR	No_VFD_Chill	5.91451E-05	0	8.76459E-09
Ofi	W08	96 OAT	9 DmdSATR	No_VFD_Chill	5.25258E-05	0	0
Ofi	W09	96 OAT	9 DmdSATR	No_VFD_Chill	4.51348E-05	0	5.71045E-10
Ofi	W10	96 OAT	9 DmdSATR	No_VFD_Chill	3.74009E-05	0	0
Ofi	W11	96 OAT	9 DmdSATR	No_VFD_Chill	2.53283E-05	0	0
Ofi	W12	96 OAT	9 DmdSATR	No_VFD_Chill	2.79006E-05	0	-1.90348E-10
Ofi	W13	96 OAT	9 DmdSATR	No_VFD_Chill	2.84665E-05	0	0
Ofi	W14	96 OAT	9 DmdSATR	No_VFD_Chill	2.53969E-05	0	-1.90348E-10
Ofi	W15	96 OAT	9 DmdSATR	No_VFD_Chill	2.68545E-05	0	0
Ofi	W16	96 OAT	9 DmdSATR	No_VFD_Chill	2.32705E-05	0	-3.80697E-10
Ofi	W01	3 OAT	3 NoSATR	VFD_Chill	5.75503E-05	0	1.5624E-08
Ofi	W02	3 OAT	3 NoSATR	VFD_Chill	4.35915E-05	0	0
Ofi	W03	3 OAT	3 NoSATR	VFD_Chill	6.75479E-05	0	4.38144E-09
Ofi	W04	3 OAT	3 NoSATR	VFD_Chill	7.25896E-05	0	-1.90348E-10
Ofi	W05	3 OAT	3 NoSATR	VFD_Chill	6.71706E-05	0	4.57179E-09



## CHWST Reset db

Ofi	W06	3 OAT	3 NoSATR	VFD_Chill	6.77365E-05	0	1.21943E-08
Ofi	W07	3 OAT	3 NoSATR	VFD_Chill	7.22809E-05	0	6.09629E-09
Ofi	W08	3 OAT	3 NoSATR	VFD_Chill	6.55587E-05	0	0
Ofi	W09	3 OAT	3 NoSATR	VFD_Chill	5.79619E-05	0	3.82411E-10
Ofi	W10	3 OAT	3 NoSATR	VFD_Chill	4.71926E-05	0	0
Ofi	W11	3 OAT	3 NoSATR	VFD_Chill	3.79839E-05	0	0
Ofi	W12	3 OAT	3 NoSATR	VFD_Chill	4.69697E-05	0	0
Ofi	W13	3 OAT	3 NoSATR	VFD_Chill	4.28884E-05	0	0
Ofi	W14	3 OAT	3 NoSATR	VFD_Chill	3.39712E-05	0	0
Ofi	W15	3 OAT	3 NoSATR	VFD_Chill	3.50858E-05	0	0
Ofi	W16	3 OAT	3 NoSATR	VFD_Chill	3.41941E-05	0	-1.90348E-10
Ofi	W01	3 OAT	3 OATSATR	VFD_Chill	3.08158E-05	0	1.31477E-08
Ofi	W02	3 OAT	3 OATSATR	VFD_Chill	2.97526E-05	0	0
Ofi	W03	3 OAT	3 OATSATR	VFD_Chill	4.79643E-05	0	4.76214E-09
Ofi	W04	3 OAT	3 OATSATR	VFD_Chill	5.41378E-05	0	0
Ofi	W05	3 OAT	3 OATSATR	VFD_Chill	5.2543E-05	0	4.57179E-09
Ofi	W06	3 OAT	3 OATSATR	VFD_Chill	5.76704E-05	0	1.21943E-08
Ofi	W07	3 OAT	3 OATSATR	VFD_Chill	6.62618E-05	0	6.28664E-09
Ofi	W08	3 OAT	3 OATSATR	VFD_Chill	5.69158E-05	0	1.90348E-10
Ofi	W09	3 OAT	3 OATSATR	VFD_Chill	4.89932E-05	0	3.80697E-10
Ofi	W10	3 OAT	3 OATSATR	VFD_Chill	3.79668E-05	0	0
Ofi	W11	3 OAT	3 OATSATR	VFD_Chill	2.79349E-05	0	0
Ofi	W12	3 OAT	3 OATSATR	VFD_Chill	3.34739E-05	0	-1.90348E-10
Ofi	W13	3 OAT	3 OATSATR	VFD_Chill	3.11245E-05	0	0
Ofi	W14	3 OAT	3 OATSATR	VFD_Chill	2.38193E-05	0	0
Ofi	W15	3 OAT	3 OATSATR	VFD_Chill	3.06444E-05	0	0
Ofi	W16	3 OAT	3 OATSATR	VFD_Chill	2.34077E-05	0	-1.90348E-10
Ofi	W01	3 OAT	3 DmdSATR	VFD_Chill	2.81921E-05	0	1.31477E-08
Ofi	W02	3 OAT	3 DmdSATR	VFD_Chill	2.85522E-05	0	0
Ofi	W03	3 OAT	3 DmdSATR	VFD_Chill	4.18938E-05	0	4.76385E-09
Ofi	W04	3 OAT	3 DmdSATR	VFD_Chill	4.85988E-05	0	-1.90348E-10
Ofi	W05	3 OAT	3 DmdSATR	VFD_Chill	4.67639E-05	0	4.76385E-09
Ofi	W06	3 OAT	3 DmdSATR	VFD_Chill	5.23715E-05	0	1.23846E-08
Ofi	W07	3 OAT	3 DmdSATR	VFD_Chill	5.96082E-05	0	6.4787E-09
Ofi	W08	3 OAT	3 DmdSATR	VFD_Chill	5.22857E-05	0	1.92063E-10
Ofi	W09	3 OAT	3 DmdSATR	VFD_Chill	4.50491E-05	0	5.71045E-10
Ofi	W10	3 OAT	3 DmdSATR	VFD_Chill	3.55145E-05	0	0
Ofi	W11	3 OAT	3 DmdSATR	VFD_Chill	2.67688E-05	0	0
Ofi	W12	3 OAT	3 DmdSATR	VFD_Chill	3.06615E-05	0	0
Ofi	W13	3 OAT	3 DmdSATR	VFD_Chill	2.92553E-05	0	0
Ofi	W14	3 OAT	3 DmdSATR	VFD_Chill	2.36992E-05	0	0
Ofi	W15	3 OAT	3 DmdSATR	VFD_Chill	2.83636E-05	0	0
Ofi	W16	3 OAT	3 DmdSATR	VFD_Chill	2.32019E-05	0	0
Ofi	W01	3 OAT	9 NoSATR	VFD_Chill	0.000147597	0	4.15371E-08
Ofi	W02	3 OAT	9 NoSATR	VFD_Chill	0.000114809	0	-1.90348E-10
Ofi	W03	3 OAT	9 NoSATR	VFD_Chill	0.000176407	0	1.3146E-08
Ofi	W04	3 OAT	9 NoSATR	VFD_Chill	0.000193366	0	-3.80697E-10
Ofi	W05	3 OAT	9 NoSATR	VFD_Chill	0.000178687	0	1.29557E-08
Ofi	W06	3 OAT	9 NoSATR	VFD_Chill	0.000180488	0	3.41066E-08
Ofi	W07	3 OAT	9 NoSATR	VFD_Chill	0.000194635	0	1.79099E-08
Ofi	W08	3 OAT	9 NoSATR	VFD_Chill	0.00017536	0	1.90348E-10
Ofi	W09	3 OAT	9 NoSATR	VFD_Chill	0.00015588	0	1.1438E-09
Ofi	W10	3 OAT	9 NoSATR	VFD_Chill	0.000126007	0	0
Ofi	W11	3 OAT	9 NoSATR	VFD_Chill	0.000100456	0	0
Ofi	W12	3 OAT	9 NoSATR	VFD_Chill	0.000122715	0	-1.90348E-10
Ofi	W13	3 OAT	9 NoSATR	VFD_Chill	0.000113489	0	0
Ofi	W14	3 OAT	9 NoSATR	VFD_Chill	8.97552E-05	0	0
Ofi	W15	3 OAT	9 NoSATR	VFD_Chill	9.45396E-05	0	0
Ofi	W16	3 OAT	9 NoSATR	VFD_Chill	8.96866E-05	0	-3.80697E-10
Ofi	W01	3 OAT	9 OATSATR	VFD_Chill	8.16268E-05	0	3.48697E-08
Ofi	W02	3 OAT	9 OATSATR	VFD_Chill	7.90888E-05	0	-1.90348E-10
Ofi	W03	3 OAT	9 OATSATR	VFD_Chill	0.000127413	0	1.35284E-08
Ofi	W04	3 OAT	9 OATSATR	VFD_Chill	0.000146105	0	-1.90348E-10
Ofi	W05	3 OAT	9 OATSATR	VFD_Chill	0.000140909	0	1.3146E-08
Ofi	W06	3 OAT	9 OATSATR	VFD_Chill	0.000155382	0	3.41066E-08
Ofi	W07	3 OAT	9 OATSATR	VFD_Chill	0.000177967	0	1.84809E-08
Ofi	W08	3 OAT	9 OATSATR	VFD_Chill	0.000154182	0	3.80697E-10
Ofi	W09	3 OAT	9 OATSATR	VFD_Chill	0.000132609	0	1.33415E-09
Ofi	W10	3 OAT	9 OATSATR	VFD_Chill	0.000102016	0	0
Ofi	W11	3 OAT	9 OATSATR	VFD_Chill	7.50761E-05	0	0
Ofi	W12	3 OAT	9 OATSATR	VFD_Chill	9.01668E-05	0	-3.80697E-10
Ofi	W13	3 OAT	9 OATSATR	VFD_Chill	8.34274E-05	0	0
Ofi	W14	3 OAT	9 OATSATR	VFD_Chill	6.50442E-05	0	0
Ofi	W15	3 OAT	9 OATSATR	VFD_Chill	8.40619E-05	0	0
Ofi	W16	3 OAT	9 OATSATR	VFD_Chill	6.29178E-05	0	-1.90348E-10
Ofi	W01	3 OAT	9 DmdSATR	VFD_Chill	7.26239E-05	0	3.52504E-08
Ofi	W02	3 OAT	9 DmdSATR	VFD_Chill	7.58821E-05	0	-1.90348E-10
Ofi	W03	3 OAT	9 DmdSATR	VFD_Chill	0.000111894	0	1.37188E-08
Ofi	W04	3 OAT	9 DmdSATR	VFD_Chill	0.000132369	0	-1.90348E-10
Ofi	W05	3 OAT	9 DmdSATR	VFD_Chill	0.000125133	0	1.35284E-08
Ofi	W06	3 OAT	9 DmdSATR	VFD_Chill	0.000141166	0	3.44873E-08
Ofi	W07	3 OAT	9 DmdSATR	VFD_Chill	0.000161024	0	1.84826E-08
Ofi	W08	3 OAT	9 DmdSATR	VFD_Chill	0.000142538	0	3.82411E-10
Ofi	W09	3 OAT	9 DmdSATR	VFD_Chill	0.00012184	0	1.33415E-09
Ofi	W10	3 OAT	9 DmdSATR	VFD_Chill	9.56371E-05	0	0
Ofi	W11	3 OAT	9 DmdSATR	VFD_Chill	7.15607E-05	0	0
Ofi	W12	3 OAT	9 DmdSATR	VFD_Chill	8.35817E-05	0	-1.90348E-10
Ofi	W13	3 OAT	9 DmdSATR	VFD_Chill	7.90374E-05	0	0
Ofi	W14	3 OAT	9 DmdSATR	VFD_Chill	6.31407E-05	0	0
Ofi	W15	3 OAT	9 DmdSATR	VFD_Chill	7.77684E-05	0	0
Ofi	W16	3 OAT	9 DmdSATR	VFD_Chill	6.21118E-05	0	-1.90348E-10
Ofi	W01	3 OAT	3 NoSATR	No_VFD_Chill	1.69084E-05	0	4.5735E-09
Ofi	W02	3 OAT	3 NoSATR	No_VFD_Chill	1.23298E-05	0	-1.90348E-10
Ofi	W03	3 OAT	3 NoSATR	No_VFD_Chill	1.9515E-05	0	1.71485E-09
Ofi	W04	3 OAT	3 NoSATR	No_VFD_Chill	2.04753E-05	0	0
Ofi	W05	3 OAT	3 NoSATR	No_VFD_Chill	1.89662E-05	0	1.5245E-09
Ofi	W06	3 OAT	3 NoSATR	No_VFD_Chill	1.9858E-05	0	4.19109E-09
Ofi	W07	3 OAT	3 NoSATR	No_VFD_Chill	2.03553E-05	0	2.28589E-09

## CHWST Reset db

Ofi	W08	3 OAT	3 NoSATR	No_VFD_Chill	1.85718E-05	0	0
Ofi	W09	3 OAT	3 NoSATR	No_VFD_Chill	1.62568E-05	0	1.90348E-10
Ofi	W10	3 OAT	3 NoSATR	No_VFD_Chill	1.32901E-05	0	0
Ofi	W11	3 OAT	3 NoSATR	No_VFD_Chill	1.06321E-05	0	0
Ofi	W12	3 OAT	3 NoSATR	No_VFD_Chill	1.32558E-05	0	0
Ofi	W13	3 OAT	3 NoSATR	No_VFD_Chill	1.21583E-05	0	0
Ofi	W14	3 OAT	3 NoSATR	No_VFD_Chill	9.6889E-06	0	0
Ofi	W15	3 OAT	3 NoSATR	No_VFD_Chill	9.6889E-06	0	0
Ofi	W16	3 OAT	3 NoSATR	No_VFD_Chill	9.79179E-06	0	0
Ofi	W01	3 OAT	3 OATSATR	No_VFD_Chill	8.95151E-06	0	4.19109E-09
Ofi	W02	3 OAT	3 OATSATR	No_VFD_Chill	8.83147E-06	0	0
Ofi	W03	3 OAT	3 OATSATR	No_VFD_Chill	1.40789E-05	0	1.9052E-09
Ofi	W04	3 OAT	3 OATSATR	No_VFD_Chill	1.5365E-05	0	0
Ofi	W05	3 OAT	3 OATSATR	No_VFD_Chill	1.53822E-05	0	1.71485E-09
Ofi	W06	3 OAT	3 OATSATR	No_VFD_Chill	1.67541E-05	0	4.19109E-09
Ofi	W07	3 OAT	3 OATSATR	No_VFD_Chill	1.91549E-05	0	2.28761E-09
Ofi	W08	3 OAT	3 OATSATR	No_VFD_Chill	1.62053E-05	0	0
Ofi	W09	3 OAT	3 OATSATR	No_VFD_Chill	1.39589E-05	0	1.90348E-10
Ofi	W10	3 OAT	3 OATSATR	No_VFD_Chill	1.0855E-05	0	0
Ofi	W11	3 OAT	3 OATSATR	No_VFD_Chill	7.81971E-06	0	0
Ofi	W12	3 OAT	3 OATSATR	No_VFD_Chill	9.46597E-06	0	-1.92063E-10
Ofi	W13	3 OAT	3 OATSATR	No_VFD_Chill	8.96866E-06	0	0
Ofi	W14	3 OAT	3 OATSATR	No_VFD_Chill	6.53358E-06	0	0
Ofi	W15	3 OAT	3 OATSATR	No_VFD_Chill	8.36846E-06	0	0
Ofi	W16	3 OAT	3 OATSATR	No_VFD_Chill	6.53358E-06	0	0
Ofi	W01	3 OAT	3 DmdSATR	No_VFD_Chill	8.11124E-06	0	3.81211E-09
Ofi	W02	3 OAT	3 DmdSATR	No_VFD_Chill	8.21413E-06	0	-1.92063E-10
Ofi	W03	3 OAT	3 DmdSATR	No_VFD_Chill	1.18839E-05	0	1.71485E-09
Ofi	W04	3 OAT	3 DmdSATR	No_VFD_Chill	1.33244E-05	0	0
Ofi	W05	3 OAT	3 DmdSATR	No_VFD_Chill	1.36502E-05	0	1.71485E-09
Ofi	W06	3 OAT	3 DmdSATR	No_VFD_Chill	1.53308E-05	0	4.38144E-09
Ofi	W07	3 OAT	3 DmdSATR	No_VFD_Chill	1.67198E-05	0	2.28761E-09
Ofi	W08	3 OAT	3 DmdSATR	No_VFD_Chill	1.47991E-05	0	0
Ofi	W09	3 OAT	3 DmdSATR	No_VFD_Chill	1.28442E-05	0	1.90348E-10
Ofi	W10	3 OAT	3 DmdSATR	No_VFD_Chill	1.00662E-05	0	0
Ofi	W11	3 OAT	3 DmdSATR	No_VFD_Chill	7.68252E-06	0	0
Ofi	W12	3 OAT	3 DmdSATR	No_VFD_Chill	8.21413E-06	0	0
Ofi	W13	3 OAT	3 DmdSATR	No_VFD_Chill	8.21413E-06	0	0
Ofi	W14	3 OAT	3 DmdSATR	No_VFD_Chill	6.96229E-06	0	0
Ofi	W15	3 OAT	3 DmdSATR	No_VFD_Chill	7.57963E-06	0	0
Ofi	W16	3 OAT	3 DmdSATR	No_VFD_Chill	6.61932E-06	0	0
Ofi	W01	3 OAT	9 NoSATR	No_VFD_Chill	4.32313E-05	0	1.2575E-08
Ofi	W02	3 OAT	9 NoSATR	No_VFD_Chill	3.30623E-05	0	-1.90348E-10
Ofi	W03	3 OAT	9 NoSATR	No_VFD_Chill	5.10854E-05	0	4.76214E-09
Ofi	W04	3 OAT	9 NoSATR	No_VFD_Chill	5.61442E-05	0	-1.90348E-10
Ofi	W05	3 OAT	9 NoSATR	No_VFD_Chill	5.18399E-05	0	4.5735E-09
Ofi	W06	3 OAT	9 NoSATR	No_VFD_Chill	5.34347E-05	0	1.18136E-08
Ofi	W07	3 OAT	9 NoSATR	No_VFD_Chill	5.58869E-05	0	6.4787E-09
Ofi	W08	3 OAT	9 NoSATR	No_VFD_Chill	4.95934E-05	0	0
Ofi	W09	3 OAT	9 NoSATR	No_VFD_Chill	4.46375E-05	0	3.80697E-10
Ofi	W10	3 OAT	9 NoSATR	No_VFD_Chill	3.62348E-05	0	0
Ofi	W11	3 OAT	9 NoSATR	No_VFD_Chill	2.84151E-05	0	0
Ofi	W12	3 OAT	9 NoSATR	No_VFD_Chill	3.39712E-05	0	-1.90348E-10
Ofi	W13	3 OAT	9 NoSATR	No_VFD_Chill	3.25821E-05	0	0
Ofi	W14	3 OAT	9 NoSATR	No_VFD_Chill	2.58599E-05	0	0
Ofi	W15	3 OAT	9 NoSATR	No_VFD_Chill	2.63229E-05	0	0
Ofi	W16	3 OAT	9 NoSATR	No_VFD_Chill	2.57227E-05	0	-1.90348E-10
Ofi	W01	3 OAT	9 OATSATR	No_VFD_Chill	2.45909E-05	0	1.10505E-08
Ofi	W02	3 OAT	9 OATSATR	No_VFD_Chill	2.32877E-05	0	-1.92063E-10
Ofi	W03	3 OAT	9 OATSATR	No_VFD_Chill	3.78296E-05	0	5.14455E-09
Ofi	W04	3 OAT	9 OATSATR	No_VFD_Chill	4.24597E-05	0	-1.90348E-10
Ofi	W05	3 OAT	9 OATSATR	No_VFD_Chill	4.21338E-05	0	4.76385E-09
Ofi	W06	3 OAT	9 OATSATR	No_VFD_Chill	4.60094E-05	0	1.16215E-08
Ofi	W07	3 OAT	9 OATSATR	No_VFD_Chill	5.16684E-05	0	7.05146E-09
Ofi	W08	3 OAT	9 OATSATR	No_VFD_Chill	4.47233E-05	0	0
Ofi	W09	3 OAT	9 OATSATR	No_VFD_Chill	3.85327E-05	0	5.71045E-10
Ofi	W10	3 OAT	9 OATSATR	No_VFD_Chill	2.94611E-05	0	0
Ofi	W11	3 OAT	9 OATSATR	No_VFD_Chill	2.11955E-05	0	0
Ofi	W12	3 OAT	9 OATSATR	No_VFD_Chill	2.58428E-05	0	-3.82411E-10
Ofi	W13	3 OAT	9 OATSATR	No_VFD_Chill	2.39907E-05	0	0
Ofi	W14	3 OAT	9 OATSATR	No_VFD_Chill	1.86747E-05	0	0
Ofi	W15	3 OAT	9 OATSATR	No_VFD_Chill	2.38193E-05	0	0
Ofi	W16	3 OAT	9 OATSATR	No_VFD_Chill	1.78173E-05	0	0
Ofi	W01	3 OAT	9 DmdSATR	No_VFD_Chill	1.98922E-05	0	1.06715E-08
Ofi	W02	3 OAT	9 DmdSATR	No_VFD_Chill	2.15042E-05	0	-1.92063E-10
Ofi	W03	3 OAT	9 DmdSATR	No_VFD_Chill	3.18962E-05	0	5.14455E-09
Ofi	W04	3 OAT	9 DmdSATR	No_VFD_Chill	3.74352E-05	0	-1.90348E-10
Ofi	W05	3 OAT	9 DmdSATR	No_VFD_Chill	3.66978E-05	0	4.9542E-09
Ofi	W06	3 OAT	9 DmdSATR	No_VFD_Chill	4.15679E-05	0	1.20039E-08
Ofi	W07	3 OAT	9 DmdSATR	No_VFD_Chill	4.55292E-05	0	6.8594E-09
Ofi	W08	3 OAT	9 DmdSATR	No_VFD_Chill	4.11907E-05	0	1.90348E-10
Ofi	W09	3 OAT	9 DmdSATR	No_VFD_Chill	3.48629E-05	0	5.71045E-10
Ofi	W10	3 OAT	9 DmdSATR	No_VFD_Chill	2.71289E-05	0	0
Ofi	W11	3 OAT	9 DmdSATR	No_VFD_Chill	2.0321E-05	0	0
Ofi	W12	3 OAT	9 DmdSATR	No_VFD_Chill	2.30819E-05	0	-1.92063E-10
Ofi	W13	3 OAT	9 DmdSATR	No_VFD_Chill	2.23445E-05	0	0
Ofi	W14	3 OAT	9 DmdSATR	No_VFD_Chill	1.81774E-05	0	0
Ofi	W15	3 OAT	9 DmdSATR	No_VFD_Chill	2.12641E-05	0	0
Ofi	W16	3 OAT	9 DmdSATR	No_VFD_Chill	1.78344E-05	0	-1.90348E-10
Ofi	W01	5 OAT	3 NoSATR	VFD_Chill	5.18227E-05	0	1.42916E-08
Ofi	W02	5 OAT	3 NoSATR	VFD_Chill	4.0299E-05	0	0
Ofi	W03	5 OAT	3 NoSATR	VFD_Chill	6.21118E-05	0	3.62005E-09
Ofi	W04	5 OAT	3 NoSATR	VFD_Chill	6.84568E-05	0	-1.90348E-10
Ofi	W05	5 OAT	3 NoSATR	VFD_Chill	6.29864E-05	0	4.00074E-09
Ofi	W06	5 OAT	3 NoSATR	VFD_Chill	6.19232E-05	0	1.06698E-08
Ofi	W07	5 OAT	3 NoSATR	VFD_Chill	6.82853E-05	0	5.52696E-09
Ofi	W08	5 OAT	3 NoSATR	VFD_Chill	6.23862E-05	0	0
Ofi	W09	5 OAT	3 NoSATR	VFD_Chill	5.45665E-05	0	1.90348E-10

## CHWST Reset db

Ofi	W10	5 OAT	3 NoSATR	VFD_Chill	4.42603E-05	0	0
Ofi	W11	5 OAT	3 NoSATR	VFD_Chill	3.58746E-05	0	0
Ofi	W12	5 OAT	3 NoSATR	VFD_Chill	4.38658E-05	0	0
Ofi	W13	5 OAT	3 NoSATR	VFD_Chill	4.02304E-05	0	0
Ofi	W14	5 OAT	3 NoSATR	VFD_Chill	3.16561E-05	0	0
Ofi	W15	5 OAT	3 NoSATR	VFD_Chill	3.38168E-05	0	0
Ofi	W16	5 OAT	3 NoSATR	VFD_Chill	3.19991E-05	0	-1.92063E-10
Ofi	W01	5 OAT	3 OATSATR	VFD_Chill	2.82093E-05	0	1.21943E-08
Ofi	W02	5 OAT	3 OATSATR	VFD_Chill	2.75062E-05	0	-1.90348E-10
Ofi	W03	5 OAT	3 OATSATR	VFD_Chill	4.39516E-05	0	3.62005E-09
Ofi	W04	5 OAT	3 OATSATR	VFD_Chill	5.13083E-05	0	0
Ofi	W05	5 OAT	3 OATSATR	VFD_Chill	4.90447E-05	0	4.00074E-09
Ofi	W06	5 OAT	3 OATSATR	VFD_Chill	5.34861E-05	0	1.08601E-08
Ofi	W07	5 OAT	3 OATSATR	VFD_Chill	6.23862E-05	0	5.71559E-09
Ofi	W08	5 OAT	3 OATSATR	VFD_Chill	5.36062E-05	0	0
Ofi	W09	5 OAT	3 OATSATR	VFD_Chill	4.60437E-05	0	1.90348E-10
Ofi	W10	5 OAT	3 OATSATR	VFD_Chill	3.59775E-05	0	-1.90348E-10
Ofi	W11	5 OAT	3 OATSATR	VFD_Chill	2.60486E-05	0	0
Ofi	W12	5 OAT	3 OATSATR	VFD_Chill	3.14503E-05	0	0
Ofi	W13	5 OAT	3 OATSATR	VFD_Chill	2.91353E-05	0	0
Ofi	W14	5 OAT	3 OATSATR	VFD_Chill	2.27732E-05	0	0
Ofi	W15	5 OAT	3 OATSATR	VFD_Chill	2.98555E-05	0	0
Ofi	W16	5 OAT	3 OATSATR	VFD_Chill	2.22587E-05	0	-1.90348E-10
Ofi	W01	5 OAT	3 DmdSATR	VFD_Chill	2.48825E-05	0	1.20039E-08
Ofi	W02	5 OAT	3 DmdSATR	VFD_Chill	2.61343E-05	0	0
Ofi	W03	5 OAT	3 DmdSATR	VFD_Chill	3.74866E-05	0	4.00074E-09
Ofi	W04	5 OAT	3 DmdSATR	VFD_Chill	4.55978E-05	0	0
Ofi	W05	5 OAT	3 DmdSATR	VFD_Chill	4.19624E-05	0	4.19109E-09
Ofi	W06	5 OAT	3 DmdSATR	VFD_Chill	4.77585E-05	0	1.08619E-08
Ofi	W07	5 OAT	3 DmdSATR	VFD_Chill	5.53725E-05	0	5.71559E-09
Ofi	W08	5 OAT	3 DmdSATR	VFD_Chill	4.89246E-05	0	0
Ofi	W09	5 OAT	3 DmdSATR	VFD_Chill	4.17909E-05	0	3.80697E-10
Ofi	W10	5 OAT	3 DmdSATR	VFD_Chill	3.29251E-05	0	0
Ofi	W11	5 OAT	3 DmdSATR	VFD_Chill	2.43509E-05	0	0
Ofi	W12	5 OAT	3 DmdSATR	VFD_Chill	2.88952E-05	0	0
Ofi	W13	5 OAT	3 DmdSATR	VFD_Chill	2.69231E-05	0	0
Ofi	W14	5 OAT	3 DmdSATR	VFD_Chill	2.183E-05	0	0
Ofi	W15	5 OAT	3 DmdSATR	VFD_Chill	2.73861E-05	0	0
Ofi	W16	5 OAT	3 DmdSATR	VFD_Chill	2.18815E-05	0	1.92063E-10
Ofi	W01	5 OAT	9 NoSATR	VFD_Chill	0.000132661	0	3.71556E-08
Ofi	W02	5 OAT	9 NoSATR	VFD_Chill	0.000106389	0	0
Ofi	W03	5 OAT	9 NoSATR	VFD_Chill	0.000161316	0	1.06698E-08
Ofi	W04	5 OAT	9 NoSATR	VFD_Chill	0.000179768	0	-1.90348E-10
Ofi	W05	5 OAT	9 NoSATR	VFD_Chill	0.00016562	0	1.14329E-08
Ofi	W06	5 OAT	9 NoSATR	VFD_Chill	0.000163254	0	2.89621E-08
Ofi	W07	5 OAT	9 NoSATR	VFD_Chill	0.000181757	0	1.58161E-08
Ofi	W08	5 OAT	9 NoSATR	VFD_Chill	0.00016538	0	1.92063E-10
Ofi	W09	5 OAT	9 NoSATR	VFD_Chill	0.00014499	0	9.53456E-10
Ofi	W10	5 OAT	9 NoSATR	VFD_Chill	0.000117913	0	0
Ofi	W11	5 OAT	9 NoSATR	VFD_Chill	9.50026E-05	0	0
Ofi	W12	5 OAT	9 NoSATR	VFD_Chill	0.000115684	0	-1.90348E-10
Ofi	W13	5 OAT	9 NoSATR	VFD_Chill	0.000106646	0	0
Ofi	W14	5 OAT	9 NoSATR	VFD_Chill	8.35474E-05	0	0
Ofi	W15	5 OAT	9 NoSATR	VFD_Chill	9.08699E-05	0	0
Ofi	W16	5 OAT	9 NoSATR	VFD_Chill	8.42162E-05	0	-3.82411E-10
Ofi	W01	5 OAT	9 OATSATR	VFD_Chill	7.38586E-05	0	3.16287E-08
Ofi	W02	5 OAT	9 OATSATR	VFD_Chill	7.33098E-05	0	-1.90348E-10
Ofi	W03	5 OAT	9 OATSATR	VFD_Chill	0.000116473	0	1.06698E-08
Ofi	W04	5 OAT	9 OATSATR	VFD_Chill	0.000137548	0	-1.90348E-10
Ofi	W05	5 OAT	9 OATSATR	VFD_Chill	0.000130208	0	1.14312E-08
Ofi	W06	5 OAT	9 OATSATR	VFD_Chill	0.000142675	0	2.97235E-08
Ofi	W07	5 OAT	9 OATSATR	VFD_Chill	0.000166855	0	1.60047E-08
Ofi	W08	5 OAT	9 OATSATR	VFD_Chill	0.000144562	0	1.90348E-10
Ofi	W09	5 OAT	9 OATSATR	VFD_Chill	0.000124344	0	9.51741E-10
Ofi	W10	5 OAT	9 OATSATR	VFD_Chill	9.65117E-05	0	-1.90348E-10
Ofi	W11	5 OAT	9 OATSATR	VFD_Chill	7.08919E-05	0	0
Ofi	W12	5 OAT	9 OATSATR	VFD_Chill	8.4645E-05	0	-1.90348E-10
Ofi	W13	5 OAT	9 OATSATR	VFD_Chill	7.85915E-05	0	-1.90348E-10
Ofi	W14	5 OAT	9 OATSATR	VFD_Chill	6.12373E-05	0	0
Ofi	W15	5 OAT	9 OATSATR	VFD_Chill	8.10438E-05	0	0
Ofi	W16	5 OAT	9 OATSATR	VFD_Chill	6.00883E-05	0	0
Ofi	W01	5 OAT	9 DmdSATR	VFD_Chill	6.49413E-05	0	3.18207E-08
Ofi	W02	5 OAT	9 DmdSATR	VFD_Chill	6.96743E-05	0	0
Ofi	W03	5 OAT	9 DmdSATR	VFD_Chill	0.000100199	0	1.12408E-08
Ofi	W04	5 OAT	9 DmdSATR	VFD_Chill	0.000123109	0	0
Ofi	W05	5 OAT	9 DmdSATR	VFD_Chill	0.000112597	0	1.18119E-08
Ofi	W06	5 OAT	9 DmdSATR	VFD_Chill	0.000127156	0	2.97252E-08
Ofi	W07	5 OAT	9 DmdSATR	VFD_Chill	0.000149929	0	1.63854E-08
Ofi	W08	5 OAT	9 DmdSATR	VFD_Chill	0.00013194	0	1.92063E-10
Ofi	W09	5 OAT	9 DmdSATR	VFD_Chill	0.000113026	0	1.1438E-09
Ofi	W10	5 OAT	9 DmdSATR	VFD_Chill	8.93608E-05	0	0
Ofi	W11	5 OAT	9 DmdSATR	VFD_Chill	6.60731E-05	0	0
Ofi	W12	5 OAT	9 DmdSATR	VFD_Chill	7.85058E-05	0	0
Ofi	W13	5 OAT	9 DmdSATR	VFD_Chill	7.3104E-05	0	0
Ofi	W14	5 OAT	9 DmdSATR	VFD_Chill	5.82363E-05	0	0
Ofi	W15	5 OAT	9 DmdSATR	VFD_Chill	7.51618E-05	0	0
Ofi	W16	5 OAT	9 DmdSATR	VFD_Chill	5.84421E-05	0	0
Ofi	W01	5 OAT	3 NoSATR	No_VFD_Chill	1.45591E-05	0	4.00246E-09
Ofi	W02	5 OAT	3 NoSATR	No_VFD_Chill	1.10436E-05	0	0
Ofi	W03	5 OAT	3 NoSATR	No_VFD_Chill	1.72171E-05	0	9.53456E-10
Ofi	W04	5 OAT	3 NoSATR	No_VFD_Chill	1.92921E-05	0	-1.92063E-10
Ofi	W05	5 OAT	3 NoSATR	No_VFD_Chill	1.71999E-05	0	1.14209E-09
Ofi	W06	5 OAT	3 NoSATR	No_VFD_Chill	1.66683E-05	0	3.049E-09
Ofi	W07	5 OAT	3 NoSATR	No_VFD_Chill	1.81603E-05	0	1.5245E-09
Ofi	W08	5 OAT	3 NoSATR	No_VFD_Chill	1.7097E-05	0	0
Ofi	W09	5 OAT	3 NoSATR	No_VFD_Chill	1.47477E-05	0	1.92063E-10
Ofi	W10	5 OAT	3 NoSATR	No_VFD_Chill	1.20211E-05	0	0
Ofi	W11	5 OAT	3 NoSATR	No_VFD_Chill	9.94612E-06	0	0

## CHWST Reset db

Ofi	W12	5 OAT	3 NoSATR	No_VFD_Chill	1.22097E-05	0	-1.90348E-10
Ofi	W13	5 OAT	3 NoSATR	No_VFD_Chill	1.12151E-05	0	0
Ofi	W14	5 OAT	3 NoSATR	No_VFD_Chill	8.74573E-06	0	0
Ofi	W15	5 OAT	3 NoSATR	No_VFD_Chill	9.0887E-06	0	0
Ofi	W16	5 OAT	3 NoSATR	No_VFD_Chill	8.86577E-06	0	-1.90348E-10
Ofi	W01	5 OAT	3 OATSATR	No_VFD_Chill	7.90545E-06	0	3.62005E-09
Ofi	W02	5 OAT	3 OATSATR	No_VFD_Chill	7.76827E-06	0	-1.90348E-10
Ofi	W03	5 OAT	3 OATSATR	No_VFD_Chill	1.23298E-05	0	1.1438E-09
Ofi	W04	5 OAT	3 OATSATR	No_VFD_Chill	1.45076E-05	0	-1.90348E-10
Ofi	W05	5 OAT	3 OATSATR	No_VFD_Chill	1.39417E-05	0	1.1438E-09
Ofi	W06	5 OAT	3 OATSATR	No_VFD_Chill	1.50907E-05	0	3.23935E-09
Ofi	W07	5 OAT	3 OATSATR	No_VFD_Chill	1.74229E-05	0	1.71485E-09
Ofi	W08	5 OAT	3 OATSATR	No_VFD_Chill	1.48163E-05	0	0
Ofi	W09	5 OAT	3 OATSATR	No_VFD_Chill	1.26556E-05	0	1.90348E-10
Ofi	W10	5 OAT	3 OATSATR	No_VFD_Chill	1.0049E-05	0	0
Ofi	W11	5 OAT	3 OATSATR	No_VFD_Chill	6.94514E-06	0	0
Ofi	W12	5 OAT	3 OATSATR	No_VFD_Chill	8.62569E-06	0	0
Ofi	W13	5 OAT	3 OATSATR	No_VFD_Chill	8.02549E-06	0	0
Ofi	W14	5 OAT	3 OATSATR	No_VFD_Chill	6.36209E-06	0	0
Ofi	W15	5 OAT	3 OATSATR	No_VFD_Chill	8.23128E-06	0	0
Ofi	W16	5 OAT	3 OATSATR	No_VFD_Chill	6.10486E-06	0	-1.90348E-10
Ofi	W01	5 OAT	3 DmdSATR	No_VFD_Chill	6.87654E-06	0	3.23764E-09
Ofi	W02	5 OAT	3 DmdSATR	No_VFD_Chill	7.37385E-06	0	0
Ofi	W03	5 OAT	3 DmdSATR	No_VFD_Chill	1.01348E-05	0	1.1438E-09
Ofi	W04	5 OAT	3 DmdSATR	No_VFD_Chill	1.27585E-05	0	0
Ofi	W05	5 OAT	3 DmdSATR	No_VFD_Chill	1.15238E-05	0	1.33415E-09
Ofi	W06	5 OAT	3 DmdSATR	No_VFD_Chill	1.34273E-05	0	3.23935E-09
Ofi	W07	5 OAT	3 DmdSATR	No_VFD_Chill	1.51078E-05	0	1.9052E-09
Ofi	W08	5 OAT	3 DmdSATR	No_VFD_Chill	1.3393E-05	0	0
Ofi	W09	5 OAT	3 DmdSATR	No_VFD_Chill	1.13523E-05	0	0
Ofi	W10	5 OAT	3 DmdSATR	No_VFD_Chill	8.95151E-06	0	0
Ofi	W11	5 OAT	3 DmdSATR	No_VFD_Chill	6.53358E-06	0	0
Ofi	W12	5 OAT	3 DmdSATR	No_VFD_Chill	7.83686E-06	0	0
Ofi	W13	5 OAT	3 DmdSATR	No_VFD_Chill	7.391E-06	0	0
Ofi	W14	5 OAT	3 DmdSATR	No_VFD_Chill	6.15631E-06	0	0
Ofi	W15	5 OAT	3 DmdSATR	No_VFD_Chill	7.40815E-06	0	0
Ofi	W16	5 OAT	3 DmdSATR	No_VFD_Chill	6.24205E-06	0	0
Ofi	W01	5 OAT	9 NoSATR	No_VFD_Chill	3.73666E-05	0	9.71805E-09
Ofi	W02	5 OAT	9 NoSATR	No_VFD_Chill	3.00099E-05	0	0
Ofi	W03	5 OAT	9 NoSATR	No_VFD_Chill	4.43974E-05	0	2.66831E-09
Ofi	W04	5 OAT	9 NoSATR	No_VFD_Chill	5.03308E-05	0	-3.82411E-10
Ofi	W05	5 OAT	9 NoSATR	No_VFD_Chill	4.54949E-05	0	3.4297E-09
Ofi	W06	5 OAT	9 NoSATR	No_VFD_Chill	4.31113E-05	0	7.81285E-09
Ofi	W07	5 OAT	9 NoSATR	No_VFD_Chill	4.793E-05	0	4.5735E-09
Ofi	W08	5 OAT	9 NoSATR	No_VFD_Chill	4.4466E-05	0	0
Ofi	W09	5 OAT	9 NoSATR	No_VFD_Chill	3.89099E-05	0	3.82411E-10
Ofi	W10	5 OAT	9 NoSATR	No_VFD_Chill	3.24278E-05	0	0
Ofi	W11	5 OAT	9 NoSATR	No_VFD_Chill	2.69403E-05	0	0
Ofi	W12	5 OAT	9 NoSATR	No_VFD_Chill	3.24792E-05	0	-1.90348E-10
Ofi	W13	5 OAT	9 NoSATR	No_VFD_Chill	3.0147E-05	0	0
Ofi	W14	5 OAT	9 NoSATR	No_VFD_Chill	2.34763E-05	0	0
Ofi	W15	5 OAT	9 NoSATR	No_VFD_Chill	2.4488E-05	0	0
Ofi	W16	5 OAT	9 NoSATR	No_VFD_Chill	2.36306E-05	0	-3.80697E-10
Ofi	W01	5 OAT	9 OATSATR	No_VFD_Chill	2.10412E-05	0	9.14529E-09
Ofi	W02	5 OAT	9 OATSATR	No_VFD_Chill	2.09212E-05	0	-1.90348E-10
Ofi	W03	5 OAT	9 OATSATR	No_VFD_Chill	3.31309E-05	0	2.85865E-09
Ofi	W04	5 OAT	9 OATSATR	No_VFD_Chill	3.915E-05	0	-3.80697E-10
Ofi	W05	5 OAT	9 OATSATR	No_VFD_Chill	3.71608E-05	0	3.4297E-09
Ofi	W06	5 OAT	9 OATSATR	No_VFD_Chill	4.01961E-05	0	8.3839E-09
Ofi	W07	5 OAT	9 OATSATR	No_VFD_Chill	4.64381E-05	0	4.5735E-09
Ofi	W08	5 OAT	9 OATSATR	No_VFD_Chill	4.00932E-05	0	0
Ofi	W09	5 OAT	9 OATSATR	No_VFD_Chill	3.464E-05	0	1.90348E-10
Ofi	W10	5 OAT	9 OATSATR	No_VFD_Chill	2.71289E-05	0	0
Ofi	W11	5 OAT	9 OATSATR	No_VFD_Chill	1.98408E-05	0	0
Ofi	W12	5 OAT	9 OATSATR	No_VFD_Chill	2.3562E-05	0	-1.90348E-10
Ofi	W13	5 OAT	9 OATSATR	No_VFD_Chill	2.20187E-05	0	0
Ofi	W14	5 OAT	9 OATSATR	No_VFD_Chill	1.73543E-05	0	0
Ofi	W15	5 OAT	9 OATSATR	No_VFD_Chill	2.26189E-05	0	0
Ofi	W16	5 OAT	9 OATSATR	No_VFD_Chill	1.70627E-05	0	0
Ofi	W01	5 OAT	9 DmdSATR	No_VFD_Chill	1.78687E-05	0	8.19183E-09
Ofi	W02	5 OAT	9 DmdSATR	No_VFD_Chill	1.96693E-05	0	0
Ofi	W03	5 OAT	9 DmdSATR	No_VFD_Chill	2.7489E-05	0	3.049E-09
Ofi	W04	5 OAT	9 DmdSATR	No_VFD_Chill	3.46571E-05	0	-1.90348E-10
Ofi	W05	5 OAT	9 DmdSATR	No_VFD_Chill	3.1296E-05	0	3.62005E-09
Ofi	W06	5 OAT	9 DmdSATR	No_VFD_Chill	3.5103E-05	0	8.3839E-09
Ofi	W07	5 OAT	9 DmdSATR	No_VFD_Chill	4.14479E-05	0	5.14455E-09
Ofi	W08	5 OAT	9 DmdSATR	No_VFD_Chill	3.59089E-05	0	0
Ofi	W09	5 OAT	9 DmdSATR	No_VFD_Chill	3.07815E-05	0	1.90348E-10
Ofi	W10	5 OAT	9 DmdSATR	No_VFD_Chill	2.47967E-05	0	0
Ofi	W11	5 OAT	9 DmdSATR	No_VFD_Chill	1.82631E-05	0	0
Ofi	W12	5 OAT	9 DmdSATR	No_VFD_Chill	2.18986E-05	0	0
Ofi	W13	5 OAT	9 DmdSATR	No_VFD_Chill	2.04239E-05	0	0
Ofi	W14	5 OAT	9 DmdSATR	No_VFD_Chill	1.6171E-05	0	0
Ofi	W15	5 OAT	9 DmdSATR	No_VFD_Chill	2.08183E-05	0	0
Ofi	W16	5 OAT	9 DmdSATR	No_VFD_Chill	1.67198E-05	0	-1.90348E-10
Hsp	W01	75 OAT	3 NoSATR	VFD_Chill	9.92435E-05	0	1.11006E-08
Hsp	W02	75 OAT	3 NoSATR	VFD_Chill	8.73922E-05	0	-6.50196E-11
Hsp	W03	75 OAT	3 NoSATR	VFD_Chill	0.000111863	0	3.4815E-09
Hsp	W04	75 OAT	3 NoSATR	VFD_Chill	0.00012203	0	-6.50196E-11
Hsp	W05	75 OAT	3 NoSATR	VFD_Chill	0.000109854	0	3.316E-09
Hsp	W06	75 OAT	3 NoSATR	VFD_Chill	0.000119134	0	9.06432E-09
Hsp	W07	75 OAT	3 NoSATR	VFD_Chill	0.000133881	0	4.69619E-09
Hsp	W08	75 OAT	3 NoSATR	VFD_Chill	0.000117124	0	6.50196E-11
Hsp	W09	75 OAT	3 NoSATR	VFD_Chill	0.000116917	0	2.95544E-10
Hsp	W10	75 OAT	3 NoSATR	VFD_Chill	9.08501E-05	0	-3.25098E-11
Hsp	W11	75 OAT	3 NoSATR	VFD_Chill	8.22793E-05	0	-3.25098E-11
Hsp	W12	75 OAT	3 NoSATR	VFD_Chill	9.61108E-05	0	-6.50196E-11
Hsp	W13	75 OAT	3 NoSATR	VFD_Chill	8.99635E-05	0	-3.25098E-11

## CHWST Reset db

Hsp	W14	75	OAT	3	NoSATR	VFD_Chill	7.45065E-05	0	-3.54652E-11
Hsp	W15	75	OAT	3	NoSATR	VFD_Chill	7.21717E-05	0	-3.25098E-11
Hsp	W16	75	OAT	3	NoSATR	VFD_Chill	7.53932E-05	0	-3.25098E-11
Hsp	W01	75	OAT	3	OATSATR	VFD_Chill	8.96088E-05	0	1.09026E-08
Hsp	W02	75	OAT	3	OATSATR	VFD_Chill	8.05947E-05	0	-3.25098E-11
Hsp	W03	75	OAT	3	OATSATR	VFD_Chill	9.98051E-05	0	3.25098E-09
Hsp	W04	75	OAT	3	OATSATR	VFD_Chill	0.000107548	0	-6.50196E-11
Hsp	W05	75	OAT	3	OATSATR	VFD_Chill	9.77067E-05	0	3.25098E-09
Hsp	W06	75	OAT	3	OATSATR	VFD_Chill	0.000107341	0	8.44073E-09
Hsp	W07	75	OAT	3	OATSATR	VFD_Chill	0.000122237	0	4.56615E-09
Hsp	W08	75	OAT	3	OATSATR	VFD_Chill	0.000106337	0	6.50196E-11
Hsp	W09	75	OAT	3	OATSATR	VFD_Chill	0.000105598	0	2.63034E-10
Hsp	W10	75	OAT	3	OATSATR	VFD_Chill	8.43777E-05	0	-6.7975E-11
Hsp	W11	75	OAT	3	OATSATR	VFD_Chill	7.71073E-05	0	-3.25098E-11
Hsp	W12	75	OAT	3	OATSATR	VFD_Chill	8.67125E-05	0	-6.50196E-11
Hsp	W13	75	OAT	3	OATSATR	VFD_Chill	8.21611E-05	0	-3.25098E-11
Hsp	W14	75	OAT	3	OATSATR	VFD_Chill	7.02803E-05	0	-3.25098E-11
Hsp	W15	75	OAT	3	OATSATR	VFD_Chill	6.67337E-05	0	0
Hsp	W16	75	OAT	3	OATSATR	VFD_Chill	7.14033E-05	0	-9.75294E-11
Hsp	W01	75	OAT	3	DmdSATR	VFD_Chill	8.96975E-05	0	1.08701E-08
Hsp	W02	75	OAT	3	DmdSATR	VFD_Chill	8.05061E-05	0	-6.50196E-11
Hsp	W03	75	OAT	3	DmdSATR	VFD_Chill	9.85342E-05	0	3.21847E-09
Hsp	W04	75	OAT	3	DmdSATR	VFD_Chill	0.000104268	0	-6.50196E-11
Hsp	W05	75	OAT	3	DmdSATR	VFD_Chill	9.67314E-05	0	3.21847E-09
Hsp	W06	75	OAT	3	DmdSATR	VFD_Chill	0.000105805	0	8.40526E-09
Hsp	W07	75	OAT	3	DmdSATR	VFD_Chill	0.00012005	0	4.53364E-09
Hsp	W08	75	OAT	3	DmdSATR	VFD_Chill	0.000104356	0	3.25098E-11
Hsp	W09	75	OAT	3	DmdSATR	VFD_Chill	0.00010279	0	2.63034E-10
Hsp	W10	75	OAT	3	DmdSATR	VFD_Chill	8.3166E-05	0	-6.50196E-11
Hsp	W11	75	OAT	3	DmdSATR	VFD_Chill	7.60138E-05	0	-3.25098E-11
Hsp	W12	75	OAT	3	DmdSATR	VFD_Chill	8.52052E-05	0	-6.7975E-11
Hsp	W13	75	OAT	3	DmdSATR	VFD_Chill	8.16883E-05	0	-3.25098E-11
Hsp	W14	75	OAT	3	DmdSATR	VFD_Chill	6.96596E-05	0	-3.25098E-11
Hsp	W15	75	OAT	3	DmdSATR	VFD_Chill	6.63791E-05	0	0
Hsp	W16	75	OAT	3	DmdSATR	VFD_Chill	7.10782E-05	0	-6.7975E-11
Hsp	W01	75	OAT	9	NoSATR	VFD_Chill	0.000252306	0	2.97199E-08
Hsp	W02	75	OAT	9	NoSATR	VFD_Chill	0.000222722	0	-1.65504E-10
Hsp	W03	75	OAT	9	NoSATR	VFD_Chill	0.000286943	0	1.0081E-08
Hsp	W04	75	OAT	9	NoSATR	VFD_Chill	0.000315109	0	-1.65504E-10
Hsp	W05	75	OAT	9	NoSATR	VFD_Chill	0.000282687	0	9.52241E-09
Hsp	W06	75	OAT	9	NoSATR	VFD_Chill	0.000309996	0	2.50237E-08
Hsp	W07	75	OAT	9	NoSATR	VFD_Chill	0.000350278	0	1.34975E-08
Hsp	W08	75	OAT	9	NoSATR	VFD_Chill	0.000306035	0	1.95059E-10
Hsp	W09	75	OAT	9	NoSATR	VFD_Chill	0.000304144	0	8.54121E-10
Hsp	W10	75	OAT	9	NoSATR	VFD_Chill	0.000235992	0	-1.00485E-10
Hsp	W11	75	OAT	9	NoSATR	VFD_Chill	0.000210989	0	-6.50196E-11
Hsp	W12	75	OAT	9	NoSATR	VFD_Chill	0.000246513	0	-1.62549E-10
Hsp	W13	75	OAT	9	NoSATR	VFD_Chill	0.000233391	0	-6.50196E-11
Hsp	W14	75	OAT	9	NoSATR	VFD_Chill	0.000191837	0	-1.00485E-10
Hsp	W15	75	OAT	9	NoSATR	VFD_Chill	0.000190655	0	-3.25098E-11
Hsp	W16	75	OAT	9	NoSATR	VFD_Chill	0.000192428	0	-1.65504E-10
Hsp	W01	75	OAT	9	OATSATR	VFD_Chill	0.000223283	0	2.88983E-08
Hsp	W02	75	OAT	9	OATSATR	VFD_Chill	0.00020357	0	-1.65504E-10
Hsp	W03	75	OAT	9	OATSATR	VFD_Chill	0.000253961	0	9.4574E-09
Hsp	W04	75	OAT	9	OATSATR	VFD_Chill	0.000276304	0	-2.30524E-10
Hsp	W05	75	OAT	9	OATSATR	VFD_Chill	0.00024938	0	9.29189E-09
Hsp	W06	75	OAT	9	OATSATR	VFD_Chill	0.000278166	0	2.34159E-08
Hsp	W07	75	OAT	9	OATSATR	VFD_Chill	0.000319749	0	1.31044E-08
Hsp	W08	75	OAT	9	OATSATR	VFD_Chill	0.000277279	0	1.65504E-10
Hsp	W09	75	OAT	9	OATSATR	VFD_Chill	0.000274471	0	7.53636E-10
Hsp	W10	75	OAT	9	OATSATR	VFD_Chill	0.000217136	0	-1.65504E-10
Hsp	W11	75	OAT	9	OATSATR	VFD_Chill	0.000196271	0	-9.75294E-11
Hsp	W12	75	OAT	9	OATSATR	VFD_Chill	0.000220889	0	-2.30524E-10
Hsp	W13	75	OAT	9	OATSATR	VFD_Chill	0.000212496	0	-9.75294E-11
Hsp	W14	75	OAT	9	OATSATR	VFD_Chill	0.000180016	0	-9.75294E-11
Hsp	W15	75	OAT	9	OATSATR	VFD_Chill	0.000175701	0	-3.54652E-11
Hsp	W16	75	OAT	9	OATSATR	VFD_Chill	0.000180932	0	-2.27569E-10
Hsp	W01	75	OAT	9	DmdSATR	VFD_Chill	0.000223372	0	2.88007E-08
Hsp	W02	75	OAT	9	DmdSATR	VFD_Chill	0.000202536	0	-1.95059E-10
Hsp	W03	75	OAT	9	DmdSATR	VFD_Chill	0.000249971	0	9.35691E-09
Hsp	W04	75	OAT	9	DmdSATR	VFD_Chill	0.000268442	0	-1.95059E-10
Hsp	W05	75	OAT	9	DmdSATR	VFD_Chill	0.000246572	0	9.19732E-09
Hsp	W06	75	OAT	9	DmdSATR	VFD_Chill	0.000273821	0	2.32829E-08
Hsp	W07	75	OAT	9	DmdSATR	VFD_Chill	0.000312153	0	1.30039E-08
Hsp	W08	75	OAT	9	DmdSATR	VFD_Chill	0.000271516	0	1.65504E-10
Hsp	W09	75	OAT	9	DmdSATR	VFD_Chill	0.000267585	0	7.56592E-10
Hsp	W10	75	OAT	9	DmdSATR	VFD_Chill	0.00021356	0	-1.65504E-10
Hsp	W11	75	OAT	9	DmdSATR	VFD_Chill	0.000194468	0	-6.50196E-11
Hsp	W12	75	OAT	9	DmdSATR	VFD_Chill	0.000217106	0	-1.98014E-10
Hsp	W13	75	OAT	9	DmdSATR	VFD_Chill	0.000209777	0	-9.75294E-11
Hsp	W14	75	OAT	9	DmdSATR	VFD_Chill	0.000179011	0	-1.00485E-10
Hsp	W15	75	OAT	9	DmdSATR	VFD_Chill	0.000173721	0	-3.25098E-11
Hsp	W16	75	OAT	9	DmdSATR	VFD_Chill	0.00017975	0	-1.98014E-10
Hsp	W01	75	OAT	3	NoSATR	No_VFD_Chill	2.9909E-05	0	4.04008E-09
Hsp	W02	75	OAT	3	NoSATR	No_VFD_Chill	2.63625E-05	0	-3.25098E-11
Hsp	W03	75	OAT	3	NoSATR	No_VFD_Chill	3.40762E-05	0	1.38019E-09
Hsp	W04	75	OAT	3	NoSATR	No_VFD_Chill	3.56426E-05	0	-6.50196E-11
Hsp	W05	75	OAT	3	NoSATR	No_VFD_Chill	3.29827E-05	0	1.28266E-09
Hsp	W06	75	OAT	3	NoSATR	No_VFD_Chill	3.78887E-05	0	3.51401E-09
Hsp	W07	75	OAT	3	NoSATR	No_VFD_Chill	4.11397E-05	0	1.87375E-09
Hsp	W08	75	OAT	3	NoSATR	No_VFD_Chill	3.60268E-05	0	3.25098E-11
Hsp	W09	75	OAT	3	NoSATR	No_VFD_Chill	3.50515E-05	0	1.00485E-10
Hsp	W10	75	OAT	3	NoSATR	No_VFD_Chill	2.7988E-05	0	-3.54652E-11
Hsp	W11	75	OAT	3	NoSATR	No_VFD_Chill	2.45301E-05	0	0
Hsp	W12	75	OAT	3	NoSATR	No_VFD_Chill	2.86677E-05	0	-6.50196E-11
Hsp	W13	75	OAT	3	NoSATR	No_VFD_Chill	2.65398E-05	0	0
Hsp	W14	75	OAT	3	NoSATR	No_VFD_Chill	2.26091E-05	0	0
Hsp	W15	75	OAT	3	NoSATR	No_VFD_Chill	2.11609E-05	0	0



## CHWST Reset db

Hsp	W16	75	OAT	3	NoSATR	No_VFD_Chill	2.21953E-05	0	-3.25098E-11
Hsp	W01	75	OAT	3	OATSATR	No_VFD_Chill	2.75447E-05	0	3.67952E-09
Hsp	W02	75	OAT	3	OATSATR	No_VFD_Chill	2.52985E-05	0	-3.54652E-11
Hsp	W03	75	OAT	3	OATSATR	No_VFD_Chill	3.04114E-05	0	1.2797E-09
Hsp	W04	75	OAT	3	OATSATR	No_VFD_Chill	3.22143E-05	0	-6.50196E-11
Hsp	W05	75	OAT	3	OATSATR	No_VFD_Chill	3.00272E-05	0	1.21468E-09
Hsp	W06	75	OAT	3	OATSATR	No_VFD_Chill	3.30713E-05	0	3.02341E-09
Hsp	W07	75	OAT	3	OATSATR	No_VFD_Chill	3.62336E-05	0	1.74075E-09
Hsp	W08	75	OAT	3	OATSATR	No_VFD_Chill	3.20074E-05	0	0
Hsp	W09	75	OAT	3	OATSATR	No_VFD_Chill	3.14163E-05	0	9.75294E-11
Hsp	W10	75	OAT	3	OATSATR	No_VFD_Chill	2.61261E-05	0	-3.25098E-11
Hsp	W11	75	OAT	3	OATSATR	No_VFD_Chill	2.36139E-05	0	-3.25098E-11
Hsp	W12	75	OAT	3	OATSATR	No_VFD_Chill	2.67467E-05	0	-6.50196E-11
Hsp	W13	75	OAT	3	OATSATR	No_VFD_Chill	2.42937E-05	0	-3.25098E-11
Hsp	W14	75	OAT	3	OATSATR	No_VFD_Chill	2.18407E-05	0	-3.25098E-11
Hsp	W15	75	OAT	3	OATSATR	No_VFD_Chill	1.99196E-05	0	0
Hsp	W16	75	OAT	3	OATSATR	No_VFD_Chill	2.18998E-05	0	-6.7975E-11
Hsp	W01	75	OAT	3	DmdSATR	No_VFD_Chill	2.73378E-05	0	3.51401E-09
Hsp	W02	75	OAT	3	DmdSATR	No_VFD_Chill	2.52985E-05	0	-3.25098E-11
Hsp	W03	75	OAT	3	DmdSATR	No_VFD_Chill	3.01159E-05	0	1.25015E-09
Hsp	W04	75	OAT	3	DmdSATR	No_VFD_Chill	3.1239E-05	0	-6.7975E-11
Hsp	W05	75	OAT	3	DmdSATR	No_VFD_Chill	2.94657E-05	0	1.18217E-09
Hsp	W06	75	OAT	3	DmdSATR	No_VFD_Chill	3.2096E-05	0	2.92293E-09
Hsp	W07	75	OAT	3	DmdSATR	No_VFD_Chill	3.59085E-05	0	1.7378E-09
Hsp	W08	75	OAT	3	DmdSATR	No_VFD_Chill	3.11503E-05	0	3.25098E-11
Hsp	W09	75	OAT	3	DmdSATR	No_VFD_Chill	2.99681E-05	0	9.75294E-11
Hsp	W10	75	OAT	3	DmdSATR	No_VFD_Chill	2.56236E-05	0	-3.25098E-11
Hsp	W11	75	OAT	3	DmdSATR	No_VFD_Chill	2.27569E-05	0	0
Hsp	W12	75	OAT	3	DmdSATR	No_VFD_Chill	2.61852E-05	0	-3.25098E-11
Hsp	W13	75	OAT	3	DmdSATR	No_VFD_Chill	2.43528E-05	0	-3.54652E-11
Hsp	W14	75	OAT	3	DmdSATR	No_VFD_Chill	2.12791E-05	0	-3.25098E-11
Hsp	W15	75	OAT	3	DmdSATR	No_VFD_Chill	2.0097E-05	0	0
Hsp	W16	75	OAT	3	DmdSATR	No_VFD_Chill	2.17816E-05	0	-3.25098E-11
Hsp	W01	75	OAT	9	NoSATR	No_VFD_Chill	7.60434E-05	0	1.08051E-08
Hsp	W02	75	OAT	9	NoSATR	No_VFD_Chill	6.67042E-05	0	-1.30039E-10
Hsp	W03	75	OAT	9	NoSATR	No_VFD_Chill	8.76287E-05	0	4.04008E-09
Hsp	W04	75	OAT	9	NoSATR	No_VFD_Chill	9.22983E-05	0	-1.65504E-10
Hsp	W05	75	OAT	9	NoSATR	No_VFD_Chill	8.5087E-05	0	3.71203E-09
Hsp	W06	75	OAT	9	NoSATR	No_VFD_Chill	9.83865E-05	0	9.61994E-09
Hsp	W07	75	OAT	9	NoSATR	No_VFD_Chill	0.000107844	0	5.38776E-09
Hsp	W08	75	OAT	9	NoSATR	No_VFD_Chill	9.42193E-05	0	3.25098E-11
Hsp	W09	75	OAT	9	NoSATR	No_VFD_Chill	9.12048E-05	0	3.31009E-10
Hsp	W10	75	OAT	9	NoSATR	No_VFD_Chill	7.26742E-05	0	-1.00485E-10
Hsp	W11	75	OAT	9	NoSATR	No_VFD_Chill	6.23006E-05	0	-6.50196E-11
Hsp	W12	75	OAT	9	NoSATR	No_VFD_Chill	7.35608E-05	0	-1.30039E-10
Hsp	W13	75	OAT	9	NoSATR	No_VFD_Chill	6.90981E-05	0	-3.25098E-11
Hsp	W14	75	OAT	9	NoSATR	No_VFD_Chill	5.79265E-05	0	-6.50196E-11
Hsp	W15	75	OAT	9	NoSATR	No_VFD_Chill	5.68626E-05	0	-3.25098E-11
Hsp	W16	75	OAT	9	NoSATR	No_VFD_Chill	5.70399E-05	0	-1.30039E-10
Hsp	W01	75	OAT	9	OATSATR	No_VFD_Chill	6.67337E-05	0	9.78545E-09
Hsp	W02	75	OAT	9	OATSATR	No_VFD_Chill	6.30099E-05	0	-1.32995E-10
Hsp	W03	75	OAT	9	OATSATR	No_VFD_Chill	7.66936E-05	0	3.70907E-09
Hsp	W04	75	OAT	9	OATSATR	No_VFD_Chill	8.24567E-05	0	-1.98014E-10
Hsp	W05	75	OAT	9	OATSATR	No_VFD_Chill	7.61911E-05	0	3.51401E-09
Hsp	W06	75	OAT	9	OATSATR	No_VFD_Chill	8.52643E-05	0	8.37571E-09
Hsp	W07	75	OAT	9	OATSATR	No_VFD_Chill	9.49286E-05	0	5.08926E-09
Hsp	W08	75	OAT	9	OATSATR	No_VFD_Chill	8.34911E-05	0	0
Hsp	W09	75	OAT	9	OATSATR	No_VFD_Chill	8.17769E-05	0	2.63034E-10
Hsp	W10	75	OAT	9	OATSATR	No_VFD_Chill	6.61131E-05	0	-1.30039E-10
Hsp	W11	75	OAT	9	OATSATR	No_VFD_Chill	5.88132E-05	0	-6.50196E-11
Hsp	W12	75	OAT	9	OATSATR	No_VFD_Chill	6.75022E-05	0	-1.65504E-10
Hsp	W13	75	OAT	9	OATSATR	No_VFD_Chill	6.27144E-05	0	-6.50196E-11
Hsp	W14	75	OAT	9	OATSATR	No_VFD_Chill	5.52371E-05	0	-9.75294E-11
Hsp	W15	75	OAT	9	OATSATR	No_VFD_Chill	5.29319E-05	0	-3.25098E-11
Hsp	W16	75	OAT	9	OATSATR	No_VFD_Chill	5.52371E-05	0	-1.98014E-10
Hsp	W01	75	OAT	9	DmdSATR	No_VFD_Chill	6.62904E-05	0	9.42489E-09
Hsp	W02	75	OAT	9	DmdSATR	No_VFD_Chill	6.2271E-05	0	-1.30039E-10
Hsp	W03	75	OAT	9	DmdSATR	No_VFD_Chill	7.56887E-05	0	3.64701E-09
Hsp	W04	75	OAT	9	DmdSATR	No_VFD_Chill	8.06834E-05	0	-1.98014E-10
Hsp	W05	75	OAT	9	DmdSATR	No_VFD_Chill	7.45656E-05	0	3.44899E-09
Hsp	W06	75	OAT	9	DmdSATR	No_VFD_Chill	8.26635E-05	0	8.14223E-09
Hsp	W07	75	OAT	9	DmdSATR	No_VFD_Chill	9.23574E-05	0	4.98878E-09
Hsp	W08	75	OAT	9	DmdSATR	No_VFD_Chill	8.08016E-05	0	3.25098E-11
Hsp	W09	75	OAT	9	DmdSATR	No_VFD_Chill	7.84373E-05	0	2.95544E-10
Hsp	W10	75	OAT	9	DmdSATR	No_VFD_Chill	6.44581E-05	0	-1.32995E-10
Hsp	W11	75	OAT	9	DmdSATR	No_VFD_Chill	5.77197E-05	0	-6.7975E-11
Hsp	W12	75	OAT	9	DmdSATR	No_VFD_Chill	6.61722E-05	0	-1.65504E-10
Hsp	W13	75	OAT	9	DmdSATR	No_VFD_Chill	6.15026E-05	0	-6.7975E-11
Hsp	W14	75	OAT	9	DmdSATR	No_VFD_Chill	5.44687E-05	0	-1.00485E-10
Hsp	W15	75	OAT	9	DmdSATR	No_VFD_Chill	5.22817E-05	0	0
Hsp	W16	75	OAT	9	DmdSATR	No_VFD_Chill	5.47642E-05	0	-1.62549E-10
Hsp	W01	85	OAT	3	NoSATR	VFD_Chill	0.000104534	0	1.15942E-08
Hsp	W02	85	OAT	3	NoSATR	VFD_Chill	9.20914E-05	0	-3.25098E-11
Hsp	W03	85	OAT	3	NoSATR	VFD_Chill	0.000120138	0	3.54652E-09
Hsp	W04	85	OAT	3	NoSATR	VFD_Chill	0.000127557	0	-3.25098E-11
Hsp	W05	85	OAT	3	NoSATR	VFD_Chill	0.000117419	0	3.47855E-09
Hsp	W06	85	OAT	3	NoSATR	VFD_Chill	0.000127084	0	9.38942E-09
Hsp	W07	85	OAT	3	NoSATR	VFD_Chill	0.000139171	0	4.85874E-09
Hsp	W08	85	OAT	3	NoSATR	VFD_Chill	0.000123183	0	9.75294E-11
Hsp	W09	85	OAT	3	NoSATR	VFD_Chill	0.000123064	0	2.95544E-10
Hsp	W10	85	OAT	3	NoSATR	VFD_Chill	9.53128E-05	0	-3.25098E-11
Hsp	W11	85	OAT	3	NoSATR	VFD_Chill	8.43186E-05	0	0
Hsp	W12	85	OAT	3	NoSATR	VFD_Chill	0.000101165	0	-6.50196E-11
Hsp	W13	85	OAT	3	NoSATR	VFD_Chill	9.36282E-05	0	0
Hsp	W14	85	OAT	3	NoSATR	VFD_Chill	7.37677E-05	0	-3.25098E-11
Hsp	W15	85	OAT	3	NoSATR	VFD_Chill	7.55114E-05	0	0
Hsp	W16	85	OAT	3	NoSATR	VFD_Chill	7.86737E-05	0	-3.25098E-11
Hsp	W01	85	OAT	3	OATSATR	VFD_Chill	9.1589E-05	0	1.16562E-08

CHWST Reset db

Hsp	W02	85 OAT	3 OATSATR	VFD_Chill	8.3432E-05	0	-3.25098E-11
Hsp	W03	85 OAT	3 OATSATR	VFD_Chill	0.000104504	0	3.64405E-09
Hsp	W04	85 OAT	3 OATSATR	VFD_Chill	0.00011139	0	-6.50196E-11
Hsp	W05	85 OAT	3 OATSATR	VFD_Chill	0.00010211	0	3.51401E-09
Hsp	W06	85 OAT	3 OATSATR	VFD_Chill	0.000114109	0	9.25938E-09
Hsp	W07	85 OAT	3 OATSATR	VFD_Chill	0.000126906	0	4.85874E-09
Hsp	W08	85 OAT	3 OATSATR	VFD_Chill	0.000111331	0	9.75294E-11
Hsp	W09	85 OAT	3 OATSATR	VFD_Chill	0.000110267	0	3.28053E-10
Hsp	W10	85 OAT	3 OATSATR	VFD_Chill	8.71854E-05	0	-3.25098E-11
Hsp	W11	85 OAT	3 OATSATR	VFD_Chill	7.72255E-05	0	0
Hsp	W12	85 OAT	3 OATSATR	VFD_Chill	9.02886E-05	0	-3.25098E-11
Hsp	W13	85 OAT	3 OATSATR	VFD_Chill	8.5353E-05	0	0
Hsp	W14	85 OAT	3 OATSATR	VFD_Chill	6.96596E-05	0	0
Hsp	W15	85 OAT	3 OATSATR	VFD_Chill	6.88321E-05	0	0
Hsp	W16	85 OAT	3 OATSATR	VFD_Chill	7.32357E-05	0	-6.7975E-11
Hsp	W01	85 OAT	3 DmdSATR	VFD_Chill	9.76476E-05	0	1.13282E-08
Hsp	W02	85 OAT	3 DmdSATR	VFD_Chill	8.67125E-05	0	-3.25098E-11
Hsp	W03	85 OAT	3 DmdSATR	VFD_Chill	0.000111006	0	3.51401E-09
Hsp	W04	85 OAT	3 DmdSATR	VFD_Chill	0.000114878	0	-6.7975E-11
Hsp	W05	85 OAT	3 DmdSATR	VFD_Chill	0.000108819	0	3.44899E-09
Hsp	W06	85 OAT	3 DmdSATR	VFD_Chill	0.000118602	0	9.16185E-09
Hsp	W07	85 OAT	3 DmdSATR	VFD_Chill	0.000129419	0	4.79667E-09
Hsp	W08	85 OAT	3 DmdSATR	VFD_Chill	0.000114582	0	6.50196E-11
Hsp	W09	85 OAT	3 DmdSATR	VFD_Chill	0.000113577	0	2.95544E-10
Hsp	W10	85 OAT	3 DmdSATR	VFD_Chill	9.00521E-05	0	-3.25098E-11
Hsp	W11	85 OAT	3 DmdSATR	VFD_Chill	8.03583E-05	0	0
Hsp	W12	85 OAT	3 DmdSATR	VFD_Chill	9.31553E-05	0	-6.50196E-11
Hsp	W13	85 OAT	3 DmdSATR	VFD_Chill	8.8072E-05	0	0
Hsp	W14	85 OAT	3 DmdSATR	VFD_Chill	7.11669E-05	0	-3.54652E-11
Hsp	W15	85 OAT	3 DmdSATR	VFD_Chill	6.94527E-05	0	0
Hsp	W16	85 OAT	3 DmdSATR	VFD_Chill	7.42406E-05	0	-3.25098E-11
Hsp	W01	85 OAT	9 NoSATR	VFD_Chill	0.000264837	0	3.0837E-08
Hsp	W02	85 OAT	9 NoSATR	VFD_Chill	0.000234662	0	-1.30039E-10
Hsp	W03	85 OAT	9 NoSATR	VFD_Chill	0.00030905	0	1.03795E-08
Hsp	W04	85 OAT	9 NoSATR	VFD_Chill	0.000329147	0	-1.62549E-10
Hsp	W05	85 OAT	9 NoSATR	VFD_Chill	0.000300922	0	1.0016E-08
Hsp	W06	85 OAT	9 NoSATR	VFD_Chill	0.000331275	0	2.60078E-08
Hsp	W07	85 OAT	9 NoSATR	VFD_Chill	0.00036541	0	1.39231E-08
Hsp	W08	85 OAT	9 NoSATR	VFD_Chill	0.000321817	0	2.27569E-10
Hsp	W09	85 OAT	9 NoSATR	VFD_Chill	0.000319335	0	8.86631E-10
Hsp	W10	85 OAT	9 NoSATR	VFD_Chill	0.000248877	0	-9.75294E-11
Hsp	W11	85 OAT	9 NoSATR	VFD_Chill	0.00021755	0	-6.7975E-11
Hsp	W12	85 OAT	9 NoSATR	VFD_Chill	0.000259901	0	-1.30039E-10
Hsp	W13	85 OAT	9 NoSATR	VFD_Chill	0.00024341	0	-3.25098E-11
Hsp	W14	85 OAT	9 NoSATR	VFD_Chill	0.000190271	0	-6.50196E-11
Hsp	W15	85 OAT	9 NoSATR	VFD_Chill	0.000197039	0	0
Hsp	W16	85 OAT	9 NoSATR	VFD_Chill	0.000199019	0	-1.30039E-10
Hsp	W01	85 OAT	9 OATSATR	VFD_Chill	0.000229401	0	3.09345E-08
Hsp	W02	85 OAT	9 OATSATR	VFD_Chill	0.000211521	0	-9.75294E-11
Hsp	W03	85 OAT	9 OATSATR	VFD_Chill	0.000268679	0	1.05095E-08
Hsp	W04	85 OAT	9 OATSATR	VFD_Chill	0.000286352	0	-1.95059E-10
Hsp	W05	85 OAT	9 OATSATR	VFD_Chill	0.000260788	0	1.00485E-08
Hsp	W06	85 OAT	9 OATSATR	VFD_Chill	0.000296962	0	2.56473E-08
Hsp	W07	85 OAT	9 OATSATR	VFD_Chill	0.000332634	0	1.39556E-08
Hsp	W08	85 OAT	9 OATSATR	VFD_Chill	0.000290372	0	2.30524E-10
Hsp	W09	85 OAT	9 OATSATR	VFD_Chill	0.000285791	0	8.86631E-10
Hsp	W10	85 OAT	9 OATSATR	VFD_Chill	0.000227303	0	-9.75294E-11
Hsp	W11	85 OAT	9 OATSATR	VFD_Chill	0.000198605	0	-6.50196E-11
Hsp	W12	85 OAT	9 OATSATR	VFD_Chill	0.000230199	0	-1.30039E-10
Hsp	W13	85 OAT	9 OATSATR	VFD_Chill	0.00022083	0	-6.50196E-11
Hsp	W14	85 OAT	9 OATSATR	VFD_Chill	0.000178331	0	-6.50196E-11
Hsp	W15	85 OAT	9 OATSATR	VFD_Chill	0.000180695	0	0
Hsp	W16	85 OAT	9 OATSATR	VFD_Chill	0.000184803	0	-1.65504E-10
Hsp	W01	85 OAT	9 DmdSATR	VFD_Chill	0.000244562	0	3.02105E-08
Hsp	W02	85 OAT	9 DmdSATR	VFD_Chill	0.000219973	0	-1.30039E-10
Hsp	W03	85 OAT	9 DmdSATR	VFD_Chill	0.000282747	0	1.0211E-08
Hsp	W04	85 OAT	9 DmdSATR	VFD_Chill	0.000294243	0	-1.65504E-10
Hsp	W05	85 OAT	9 DmdSATR	VFD_Chill	0.000277072	0	9.91844E-09
Hsp	W06	85 OAT	9 DmdSATR	VFD_Chill	0.000307838	0	2.53517E-08
Hsp	W07	85 OAT	9 DmdSATR	VFD_Chill	0.000338575	0	1.37605E-08
Hsp	W08	85 OAT	9 DmdSATR	VFD_Chill	0.000298233	0	2.30524E-10
Hsp	W09	85 OAT	9 DmdSATR	VFD_Chill	0.000293563	0	8.86631E-10
Hsp	W10	85 OAT	9 DmdSATR	VFD_Chill	0.000234337	0	-9.75294E-11
Hsp	W11	85 OAT	9 DmdSATR	VFD_Chill	0.000204191	0	-6.50196E-11
Hsp	W12	85 OAT	9 DmdSATR	VFD_Chill	0.000237322	0	-1.62549E-10
Hsp	W13	85 OAT	9 DmdSATR	VFD_Chill	0.000226032	0	-6.7975E-11
Hsp	W14	85 OAT	9 DmdSATR	VFD_Chill	0.000181907	0	-6.7975E-11
Hsp	W15	85 OAT	9 DmdSATR	VFD_Chill	0.000182971	0	0
Hsp	W16	85 OAT	9 DmdSATR	VFD_Chill	0.000187582	0	-1.30039E-10
Hsp	W01	85 OAT	3 NoSATR	No_VFD_Chill	3.15049E-05	0	4.1051E-09
Hsp	W02	85 OAT	3 NoSATR	No_VFD_Chill	2.68945E-05	0	-3.25098E-11
Hsp	W03	85 OAT	3 NoSATR	No_VFD_Chill	3.55243E-05	0	1.38019E-09
Hsp	W04	85 OAT	3 NoSATR	No_VFD_Chill	3.72089E-05	0	-6.7975E-11
Hsp	W05	85 OAT	3 NoSATR	No_VFD_Chill	3.49628E-05	0	1.34768E-09
Hsp	W06	85 OAT	3 NoSATR	No_VFD_Chill	3.94255E-05	0	3.51401E-09
Hsp	W07	85 OAT	3 NoSATR	No_VFD_Chill	4.17899E-05	0	1.9033E-09
Hsp	W08	85 OAT	3 NoSATR	No_VFD_Chill	3.74158E-05	0	3.25098E-11
Hsp	W09	85 OAT	3 NoSATR	No_VFD_Chill	3.68247E-05	0	9.75294E-11
Hsp	W10	85 OAT	3 NoSATR	No_VFD_Chill	2.85791E-05	0	-3.25098E-11
Hsp	W11	85 OAT	3 NoSATR	No_VFD_Chill	2.5003E-05	0	0
Hsp	W12	85 OAT	3 NoSATR	No_VFD_Chill	3.00568E-05	0	-3.25098E-11
Hsp	W13	85 OAT	3 NoSATR	No_VFD_Chill	2.74264E-05	0	-3.25098E-11
Hsp	W14	85 OAT	3 NoSATR	No_VFD_Chill	2.21067E-05	0	-3.25098E-11
Hsp	W15	85 OAT	3 NoSATR	No_VFD_Chill	2.2284E-05	0	-3.54652E-11
Hsp	W16	85 OAT	3 NoSATR	No_VFD_Chill	2.33775E-05	0	-3.25098E-11
Hsp	W01	85 OAT	3 OATSATR	No_VFD_Chill	2.81358E-05	0	4.1051E-09
Hsp	W02	85 OAT	3 OATSATR	No_VFD_Chill	2.57123E-05	0	-3.25098E-11
Hsp	W03	85 OAT	3 OATSATR	No_VFD_Chill	3.09139E-05	0	1.44521E-09

## CHWST Reset db

Hsp	W04	85 OAT	3 OATSATR	No_VFD_Chill	3.36033E-05	0	-6.7975E-11
Hsp	W05	85 OAT	3 OATSATR	No_VFD_Chill	3.12094E-05	0	1.34472E-09
Hsp	W06	85 OAT	3 OATSATR	No_VFD_Chill	3.53766E-05	0	3.38102E-09
Hsp	W07	85 OAT	3 OATSATR	No_VFD_Chill	3.79774E-05	0	1.9033E-09
Hsp	W08	85 OAT	3 OATSATR	No_VFD_Chill	3.3692E-05	0	0
Hsp	W09	85 OAT	3 OATSATR	No_VFD_Chill	3.32487E-05	0	1.30039E-10
Hsp	W10	85 OAT	3 OATSATR	No_VFD_Chill	2.64512E-05	0	-3.25098E-11
Hsp	W11	85 OAT	3 OATSATR	No_VFD_Chill	2.32297E-05	0	-3.25098E-11
Hsp	W12	85 OAT	3 OATSATR	No_VFD_Chill	2.8254E-05	0	-6.50196E-11
Hsp	W13	85 OAT	3 OATSATR	No_VFD_Chill	2.58896E-05	0	-3.25098E-11
Hsp	W14	85 OAT	3 OATSATR	No_VFD_Chill	2.17225E-05	0	-3.25098E-11
Hsp	W15	85 OAT	3 OATSATR	No_VFD_Chill	2.04516E-05	0	-3.25098E-11
Hsp	W16	85 OAT	3 OATSATR	No_VFD_Chill	2.25795E-05	0	-6.50196E-11
Hsp	W01	85 OAT	3 DmdSATR	No_VFD_Chill	2.88451E-05	0	3.6145E-09
Hsp	W02	85 OAT	3 DmdSATR	No_VFD_Chill	2.61261E-05	0	-3.25098E-11
Hsp	W03	85 OAT	3 DmdSATR	No_VFD_Chill	3.29531E-05	0	1.38019E-09
Hsp	W04	85 OAT	3 DmdSATR	No_VFD_Chill	3.4549E-05	0	-6.7975E-11
Hsp	W05	85 OAT	3 DmdSATR	No_VFD_Chill	3.26871E-05	0	1.31517E-09
Hsp	W06	85 OAT	3 DmdSATR	No_VFD_Chill	3.54948E-05	0	3.34851E-09
Hsp	W07	85 OAT	3 DmdSATR	No_VFD_Chill	3.79774E-05	0	1.84124E-09
Hsp	W08	85 OAT	3 DmdSATR	No_VFD_Chill	3.3958E-05	0	3.25098E-11
Hsp	W09	85 OAT	3 DmdSATR	No_VFD_Chill	3.38102E-05	0	1.32995E-10
Hsp	W10	85 OAT	3 DmdSATR	No_VFD_Chill	2.67171E-05	0	-3.25098E-11
Hsp	W11	85 OAT	3 DmdSATR	No_VFD_Chill	2.45006E-05	0	0
Hsp	W12	85 OAT	3 DmdSATR	No_VFD_Chill	2.86677E-05	0	-6.50196E-11
Hsp	W13	85 OAT	3 DmdSATR	No_VFD_Chill	2.68058E-05	0	0
Hsp	W14	85 OAT	3 DmdSATR	No_VFD_Chill	2.1752E-05	0	-3.25098E-11
Hsp	W15	85 OAT	3 DmdSATR	No_VFD_Chill	2.00083E-05	0	0
Hsp	W16	85 OAT	3 DmdSATR	No_VFD_Chill	2.23431E-05	0	-6.50196E-11
Hsp	W01	85 OAT	9 NoSATR	No_VFD_Chill	7.95012E-05	0	1.09676E-08
Hsp	W02	85 OAT	9 NoSATR	No_VFD_Chill	6.78864E-05	0	-1.00485E-10
Hsp	W03	85 OAT	9 NoSATR	No_VFD_Chill	9.218E-05	0	4.07259E-09
Hsp	W04	85 OAT	9 NoSATR	No_VFD_Chill	9.60812E-05	0	-1.65504E-10
Hsp	W05	85 OAT	9 NoSATR	No_VFD_Chill	8.88109E-05	0	3.84207E-09
Hsp	W06	85 OAT	9 NoSATR	No_VFD_Chill	0.000103204	0	9.75294E-09
Hsp	W07	85 OAT	9 NoSATR	No_VFD_Chill	0.000110681	0	5.48233E-09
Hsp	W08	85 OAT	9 NoSATR	No_VFD_Chill	9.78545E-05	0	6.50196E-11
Hsp	W09	85 OAT	9 NoSATR	No_VFD_Chill	9.48399E-05	0	3.28053E-10
Hsp	W10	85 OAT	9 NoSATR	No_VFD_Chill	7.54818E-05	0	-1.00485E-10
Hsp	W11	85 OAT	9 NoSATR	No_VFD_Chill	6.48423E-05	0	-3.25098E-11
Hsp	W12	85 OAT	9 NoSATR	No_VFD_Chill	7.76984E-05	0	-1.00485E-10
Hsp	W13	85 OAT	9 NoSATR	No_VFD_Chill	7.18171E-05	0	-6.50196E-11
Hsp	W14	85 OAT	9 NoSATR	No_VFD_Chill	5.68626E-05	0	-6.50196E-11
Hsp	W15	85 OAT	9 NoSATR	No_VFD_Chill	5.72763E-05	0	-3.54652E-11
Hsp	W16	85 OAT	9 NoSATR	No_VFD_Chill	5.82221E-05	0	-1.30039E-10
Hsp	W01	85 OAT	9 OATSATR	No_VFD_Chill	6.91572E-05	0	1.09026E-08
Hsp	W02	85 OAT	9 OATSATR	No_VFD_Chill	6.44285E-05	0	-9.75294E-11
Hsp	W03	85 OAT	9 OATSATR	No_VFD_Chill	8.0447E-05	0	4.17012E-09
Hsp	W04	85 OAT	9 OATSATR	No_VFD_Chill	8.58259E-05	0	-1.65504E-10
Hsp	W05	85 OAT	9 OATSATR	No_VFD_Chill	7.89397E-05	0	3.84207E-09
Hsp	W06	85 OAT	9 OATSATR	No_VFD_Chill	9.22687E-05	0	9.38942E-09
Hsp	W07	85 OAT	9 OATSATR	No_VFD_Chill	9.99233E-05	0	5.48233E-09
Hsp	W08	85 OAT	9 OATSATR	No_VFD_Chill	8.77469E-05	0	3.54652E-11
Hsp	W09	85 OAT	9 OATSATR	No_VFD_Chill	8.5353E-05	0	3.60563E-10
Hsp	W10	85 OAT	9 OATSATR	No_VFD_Chill	6.9571E-05	0	-1.00485E-10
Hsp	W11	85 OAT	9 OATSATR	No_VFD_Chill	5.96998E-05	0	-6.50196E-11
Hsp	W12	85 OAT	9 OATSATR	No_VFD_Chill	7.13738E-05	0	-1.30039E-10
Hsp	W13	85 OAT	9 OATSATR	No_VFD_Chill	6.67929E-05	0	-6.50196E-11
Hsp	W14	85 OAT	9 OATSATR	No_VFD_Chill	5.47051E-05	0	-6.50196E-11
Hsp	W15	85 OAT	9 OATSATR	No_VFD_Chill	5.36412E-05	0	-3.25098E-11
Hsp	W16	85 OAT	9 OATSATR	No_VFD_Chill	5.60646E-05	0	-1.62549E-10
Hsp	W01	85 OAT	9 DmdSATR	No_VFD_Chill	7.0694E-05	0	9.72043E-09
Hsp	W02	85 OAT	9 DmdSATR	No_VFD_Chill	6.57289E-05	0	-9.75294E-11
Hsp	W03	85 OAT	9 DmdSATR	No_VFD_Chill	8.31955E-05	0	3.97506E-09
Hsp	W04	85 OAT	9 DmdSATR	No_VFD_Chill	8.72149E-05	0	-1.65504E-10
Hsp	W05	85 OAT	9 DmdSATR	No_VFD_Chill	8.20133E-05	0	3.77705E-09
Hsp	W06	85 OAT	9 DmdSATR	No_VFD_Chill	9.21505E-05	0	9.22687E-09
Hsp	W07	85 OAT	9 DmdSATR	No_VFD_Chill	9.95982E-05	0	5.28727E-09
Hsp	W08	85 OAT	9 DmdSATR	No_VFD_Chill	8.79833E-05	0	6.50196E-11
Hsp	W09	85 OAT	9 DmdSATR	No_VFD_Chill	8.62396E-05	0	3.28053E-10
Hsp	W10	85 OAT	9 DmdSATR	No_VFD_Chill	7.03098E-05	0	-6.7975E-11
Hsp	W11	85 OAT	9 DmdSATR	No_VFD_Chill	6.06751E-05	0	-3.25098E-11
Hsp	W12	85 OAT	9 DmdSATR	No_VFD_Chill	7.24082E-05	0	-1.32995E-10
Hsp	W13	85 OAT	9 DmdSATR	No_VFD_Chill	6.75317E-05	0	-6.7975E-11
Hsp	W14	85 OAT	9 DmdSATR	No_VFD_Chill	5.45869E-05	0	-6.50196E-11
Hsp	W15	85 OAT	9 DmdSATR	No_VFD_Chill	5.31092E-05	0	0
Hsp	W16	85 OAT	9 DmdSATR	No_VFD_Chill	5.55918E-05	0	-1.32995E-10
Hsp	W01	96 OAT	3 NoSATR	VFD_Chill	0.000103943	0	1.17213E-08
Hsp	W02	96 OAT	3 NoSATR	VFD_Chill	9.13821E-05	0	-3.25098E-11
Hsp	W03	96 OAT	3 NoSATR	VFD_Chill	0.000122355	0	3.61154E-09
Hsp	W04	96 OAT	3 NoSATR	VFD_Chill	0.000126552	0	-3.25098E-11
Hsp	W05	96 OAT	3 NoSATR	VFD_Chill	0.000118809	0	3.54652E-09
Hsp	W06	96 OAT	3 NoSATR	VFD_Chill	0.00012998	0	9.52241E-09
Hsp	W07	96 OAT	3 NoSATR	VFD_Chill	0.000140915	0	4.8942E-09
Hsp	W08	96 OAT	3 NoSATR	VFD_Chill	0.000124217	0	9.75294E-11
Hsp	W09	96 OAT	3 NoSATR	VFD_Chill	0.000122591	0	3.28053E-10
Hsp	W10	96 OAT	3 NoSATR	VFD_Chill	9.44853E-05	0	-3.25098E-11
Hsp	W11	96 OAT	3 NoSATR	VFD_Chill	8.02105E-05	0	-3.25098E-11
Hsp	W12	96 OAT	3 NoSATR	VFD_Chill	9.72043E-05	0	-3.25098E-11
Hsp	W13	96 OAT	3 NoSATR	VFD_Chill	9.0259E-05	0	0
Hsp	W14	96 OAT	3 NoSATR	VFD_Chill	7.06349E-05	0	0
Hsp	W15	96 OAT	3 NoSATR	VFD_Chill	7.5009E-05	0	0
Hsp	W16	96 OAT	3 NoSATR	VFD_Chill	7.40928E-05	0	-3.25098E-11
Hsp	W01	96 OAT	3 OATSATR	VFD_Chill	8.754E-05	0	1.17567E-08
Hsp	W02	96 OAT	3 OATSATR	VFD_Chill	7.87328E-05	0	-3.54652E-11
Hsp	W03	96 OAT	3 OATSATR	VFD_Chill	0.000102967	0	3.64405E-09
Hsp	W04	96 OAT	3 OATSATR	VFD_Chill	0.000106662	0	-3.25098E-11
Hsp	W05	96 OAT	3 OATSATR	VFD_Chill	9.94504E-05	0	3.54652E-09



## CHWST Reset db

Hsp	W06	96 OAT	3 OATSATR	VFD_Chill	0.000112573	0	9.42489E-09
Hsp	W07	96 OAT	3 OATSATR	VFD_Chill	0.00012537	0	4.8942E-09
Hsp	W08	96 OAT	3 OATSATR	VFD_Chill	0.000109469	0	9.75294E-11
Hsp	W09	96 OAT	3 OATSATR	VFD_Chill	0.000106396	0	3.28053E-10
Hsp	W10	96 OAT	3 OATSATR	VFD_Chill	8.46437E-05	0	-3.25098E-11
Hsp	W11	96 OAT	3 OATSATR	VFD_Chill	7.13147E-05	0	0
Hsp	W12	96 OAT	3 OATSATR	VFD_Chill	8.29E-05	0	-3.25098E-11
Hsp	W13	96 OAT	3 OATSATR	VFD_Chill	7.97377E-05	0	0
Hsp	W14	96 OAT	3 OATSATR	VFD_Chill	6.46649E-05	0	-3.25098E-11
Hsp	W15	96 OAT	3 OATSATR	VFD_Chill	6.7118E-05	0	0
Hsp	W16	96 OAT	3 OATSATR	VFD_Chill	6.74726E-05	0	-3.25098E-11
Hsp	W01	96 OAT	3 DmdSATR	VFD_Chill	9.22983E-05	0	1.15262E-08
Hsp	W02	96 OAT	3 DmdSATR	VFD_Chill	8.19838E-05	0	-3.25098E-11
Hsp	W03	96 OAT	3 DmdSATR	VFD_Chill	0.000107105	0	3.4815E-09
Hsp	W04	96 OAT	3 DmdSATR	VFD_Chill	0.000110267	0	-6.50196E-11
Hsp	W05	96 OAT	3 DmdSATR	VFD_Chill	0.000105745	0	3.51401E-09
Hsp	W06	96 OAT	3 DmdSATR	VFD_Chill	0.000116503	0	9.25938E-09
Hsp	W07	96 OAT	3 DmdSATR	VFD_Chill	0.000126463	0	4.79667E-09
Hsp	W08	96 OAT	3 DmdSATR	VFD_Chill	0.000112779	0	9.75294E-11
Hsp	W09	96 OAT	3 DmdSATR	VFD_Chill	0.000109469	0	2.95544E-10
Hsp	W10	96 OAT	3 DmdSATR	VFD_Chill	8.74218E-05	0	-3.25098E-11
Hsp	W11	96 OAT	3 DmdSATR	VFD_Chill	7.38859E-05	0	-3.25098E-11
Hsp	W12	96 OAT	3 DmdSATR	VFD_Chill	8.52643E-05	0	-3.25098E-11
Hsp	W13	96 OAT	3 DmdSATR	VFD_Chill	8.08607E-05	0	-3.25098E-11
Hsp	W14	96 OAT	3 DmdSATR	VFD_Chill	6.58471E-05	0	-3.25098E-11
Hsp	W15	96 OAT	3 DmdSATR	VFD_Chill	6.83592E-05	0	-3.25098E-11
Hsp	W16	96 OAT	3 DmdSATR	VFD_Chill	6.90685E-05	0	-3.25098E-11
Hsp	W01	96 OAT	9 NoSATR	VFD_Chill	0.000264186	0	3.12271E-08
Hsp	W02	96 OAT	9 NoSATR	VFD_Chill	0.000233509	0	-1.00485E-10
Hsp	W03	96 OAT	9 NoSATR	VFD_Chill	0.00031304	0	1.05391E-08
Hsp	W04	96 OAT	9 NoSATR	VFD_Chill	0.000326635	0	-1.32995E-10
Hsp	W05	96 OAT	9 NoSATR	VFD_Chill	0.000306065	0	1.01815E-08
Hsp	W06	96 OAT	9 NoSATR	VFD_Chill	0.000338161	0	2.64009E-08
Hsp	W07	96 OAT	9 NoSATR	VFD_Chill	0.000368602	0	1.40561E-08
Hsp	W08	96 OAT	9 NoSATR	VFD_Chill	0.000323709	0	2.60078E-10
Hsp	W09	96 OAT	9 NoSATR	VFD_Chill	0.000318832	0	9.19141E-10
Hsp	W10	96 OAT	9 NoSATR	VFD_Chill	0.000246395	0	-6.50196E-11
Hsp	W11	96 OAT	9 NoSATR	VFD_Chill	0.000208033	0	-6.50196E-11
Hsp	W12	96 OAT	9 NoSATR	VFD_Chill	0.000249616	0	-9.75294E-11
Hsp	W13	96 OAT	9 NoSATR	VFD_Chill	0.0002354	0	-3.25098E-11
Hsp	W14	96 OAT	9 NoSATR	VFD_Chill	0.000181937	0	-3.25098E-11
Hsp	W15	96 OAT	9 NoSATR	VFD_Chill	0.000197187	0	-3.25098E-11
Hsp	W16	96 OAT	9 NoSATR	VFD_Chill	0.000190626	0	-9.75294E-11
Hsp	W01	96 OAT	9 OATSATR	VFD_Chill	0.000219766	0	3.11651E-08
Hsp	W02	96 OAT	9 OATSATR	VFD_Chill	0.00020026	0	-1.00485E-10
Hsp	W03	96 OAT	9 OATSATR	VFD_Chill	0.000261527	0	1.06071E-08
Hsp	W04	96 OAT	9 OATSATR	VFD_Chill	0.000275831	0	-1.30039E-10
Hsp	W05	96 OAT	9 OATSATR	VFD_Chill	0.000253961	0	1.0214E-08
Hsp	W06	96 OAT	9 OATSATR	VFD_Chill	0.000293209	0	2.62059E-08
Hsp	W07	96 OAT	9 OATSATR	VFD_Chill	0.000328644	0	1.40886E-08
Hsp	W08	96 OAT	9 OATSATR	VFD_Chill	0.000285968	0	2.63034E-10
Hsp	W09	96 OAT	9 OATSATR	VFD_Chill	0.00027722	0	9.19141E-10
Hsp	W10	96 OAT	9 OATSATR	VFD_Chill	0.000220003	0	-6.7975E-11
Hsp	W11	96 OAT	9 OATSATR	VFD_Chill	0.000185099	0	-3.25098E-11
Hsp	W12	96 OAT	9 OATSATR	VFD_Chill	0.000212141	0	-9.75294E-11
Hsp	W13	96 OAT	9 OATSATR	VFD_Chill	0.000208476	0	-3.25098E-11
Hsp	W14	96 OAT	9 OATSATR	VFD_Chill	0.000165889	0	-6.50196E-11
Hsp	W15	96 OAT	9 OATSATR	VFD_Chill	0.000175996	0	-3.25098E-11
Hsp	W16	96 OAT	9 OATSATR	VFD_Chill	0.000172125	0	-9.75294E-11
Hsp	W01	96 OAT	9 DmdSATR	VFD_Chill	0.000233982	0	3.0837E-08
Hsp	W02	96 OAT	9 DmdSATR	VFD_Chill	0.000208595	0	-6.50196E-11
Hsp	W03	96 OAT	9 DmdSATR	VFD_Chill	0.000274412	0	1.01815E-08
Hsp	W04	96 OAT	9 DmdSATR	VFD_Chill	0.000283811	0	-1.30039E-10
Hsp	W05	96 OAT	9 DmdSATR	VFD_Chill	0.00026989	0	1.00839E-08
Hsp	W06	96 OAT	9 DmdSATR	VFD_Chill	0.000304587	0	2.57448E-08
Hsp	W07	96 OAT	9 DmdSATR	VFD_Chill	0.000332959	0	1.3793E-08
Hsp	W08	96 OAT	9 DmdSATR	VFD_Chill	0.000294214	0	2.63034E-10
Hsp	W09	96 OAT	9 DmdSATR	VFD_Chill	0.000284845	0	8.86631E-10
Hsp	W10	96 OAT	9 DmdSATR	VFD_Chill	0.000226948	0	-9.75294E-11
Hsp	W11	96 OAT	9 DmdSATR	VFD_Chill	0.000190507	0	-6.50196E-11
Hsp	W12	96 OAT	9 DmdSATR	VFD_Chill	0.000219234	0	-1.00485E-10
Hsp	W13	96 OAT	9 DmdSATR	VFD_Chill	0.000211905	0	-3.25098E-11
Hsp	W14	96 OAT	9 DmdSATR	VFD_Chill	0.000169376	0	-6.50196E-11
Hsp	W15	96 OAT	9 DmdSATR	VFD_Chill	0.000178301	0	-3.25098E-11
Hsp	W16	96 OAT	9 DmdSATR	VFD_Chill	0.00017508	0	-9.75294E-11
Hsp	W01	96 OAT	3 NoSATR	No_VFD_Chill	3.07661E-05	0	4.1051E-09
Hsp	W02	96 OAT	3 NoSATR	No_VFD_Chill	2.719E-05	0	-3.25098E-11
Hsp	W03	96 OAT	3 NoSATR	No_VFD_Chill	3.62632E-05	0	1.4127E-09
Hsp	W04	96 OAT	3 NoSATR	No_VFD_Chill	3.70907E-05	0	-3.25098E-11
Hsp	W05	96 OAT	3 NoSATR	No_VFD_Chill	3.49333E-05	0	1.34768E-09
Hsp	W06	96 OAT	3 NoSATR	No_VFD_Chill	3.96915E-05	0	3.4815E-09
Hsp	W07	96 OAT	3 NoSATR	No_VFD_Chill	4.19672E-05	0	1.9033E-09
Hsp	W08	96 OAT	3 NoSATR	No_VFD_Chill	3.74454E-05	0	0
Hsp	W09	96 OAT	3 NoSATR	No_VFD_Chill	3.62928E-05	0	1.00485E-10
Hsp	W10	96 OAT	3 NoSATR	No_VFD_Chill	2.84017E-05	0	-3.25098E-11
Hsp	W11	96 OAT	3 NoSATR	No_VFD_Chill	2.32593E-05	0	0
Hsp	W12	96 OAT	3 NoSATR	No_VFD_Chill	2.87268E-05	0	0
Hsp	W13	96 OAT	3 NoSATR	No_VFD_Chill	2.60965E-05	0	-3.25098E-11
Hsp	W14	96 OAT	3 NoSATR	No_VFD_Chill	2.12791E-05	0	0
Hsp	W15	96 OAT	3 NoSATR	No_VFD_Chill	2.19589E-05	0	0
Hsp	W16	96 OAT	3 NoSATR	No_VFD_Chill	2.15156E-05	0	-3.54652E-11
Hsp	W01	96 OAT	3 OATSATR	No_VFD_Chill	2.6658E-05	0	4.04008E-09
Hsp	W02	96 OAT	3 OATSATR	No_VFD_Chill	2.39686E-05	0	0
Hsp	W03	96 OAT	3 OATSATR	No_VFD_Chill	3.08548E-05	0	1.44521E-09
Hsp	W04	96 OAT	3 OATSATR	No_VFD_Chill	3.16527E-05	0	-3.25098E-11
Hsp	W05	96 OAT	3 OATSATR	No_VFD_Chill	3.00272E-05	0	1.31221E-09
Hsp	W06	96 OAT	3 OATSATR	No_VFD_Chill	3.37511E-05	0	3.38397E-09
Hsp	W07	96 OAT	3 OATSATR	No_VFD_Chill	3.68247E-05	0	1.9033E-09

## CHWST Reset db

Hsp	W08	96 OAT	3 OATSATR	No_VFD_Chill	3.25985E-05	0	0
Hsp	W09	96 OAT	3 OATSATR	No_VFD_Chill	3.11798E-05	0	1.32995E-10
Hsp	W10	96 OAT	3 OATSATR	No_VFD_Chill	2.57714E-05	0	0
Hsp	W11	96 OAT	3 OATSATR	No_VFD_Chill	2.08358E-05	0	0
Hsp	W12	96 OAT	3 OATSATR	No_VFD_Chill	2.46779E-05	0	-3.25098E-11
Hsp	W13	96 OAT	3 OATSATR	No_VFD_Chill	2.34662E-05	0	0
Hsp	W14	96 OAT	3 OATSATR	No_VFD_Chill	1.9831E-05	0	-3.25098E-11
Hsp	W15	96 OAT	3 OATSATR	No_VFD_Chill	1.98901E-05	0	0
Hsp	W16	96 OAT	3 OATSATR	No_VFD_Chill	2.03925E-05	0	-3.25098E-11
Hsp	W01	96 OAT	3 DmdSATR	No_VFD_Chill	2.59783E-05	0	3.54652E-09
Hsp	W02	96 OAT	3 DmdSATR	No_VFD_Chill	2.45301E-05	0	-3.25098E-11
Hsp	W03	96 OAT	3 DmdSATR	No_VFD_Chill	3.0973E-05	0	1.34768E-09
Hsp	W04	96 OAT	3 DmdSATR	No_VFD_Chill	3.31009E-05	0	-3.25098E-11
Hsp	W05	96 OAT	3 DmdSATR	No_VFD_Chill	3.13572E-05	0	1.2797E-09
Hsp	W06	96 OAT	3 DmdSATR	No_VFD_Chill	3.36329E-05	0	3.25098E-09
Hsp	W07	96 OAT	3 DmdSATR	No_VFD_Chill	3.60563E-05	0	1.80873E-09
Hsp	W08	96 OAT	3 DmdSATR	No_VFD_Chill	3.32191E-05	0	3.25098E-11
Hsp	W09	96 OAT	3 DmdSATR	No_VFD_Chill	3.19187E-05	0	1.32995E-10
Hsp	W10	96 OAT	3 DmdSATR	No_VFD_Chill	2.6392E-05	0	0
Hsp	W11	96 OAT	3 DmdSATR	No_VFD_Chill	2.1752E-05	0	0
Hsp	W12	96 OAT	3 DmdSATR	No_VFD_Chill	2.49734E-05	0	-3.54652E-11
Hsp	W13	96 OAT	3 DmdSATR	No_VFD_Chill	2.32297E-05	0	0
Hsp	W14	96 OAT	3 DmdSATR	No_VFD_Chill	1.97128E-05	0	0
Hsp	W15	96 OAT	3 DmdSATR	No_VFD_Chill	2.02743E-05	0	0
Hsp	W16	96 OAT	3 DmdSATR	No_VFD_Chill	2.08949E-05	0	-3.54652E-11
Hsp	W01	96 OAT	9 NoSATR	No_VFD_Chill	7.84077E-05	0	1.09351E-08
Hsp	W02	96 OAT	9 NoSATR	No_VFD_Chill	6.93345E-05	0	-6.7975E-11
Hsp	W03	96 OAT	9 NoSATR	No_VFD_Chill	9.21505E-05	0	4.07259E-09
Hsp	W04	96 OAT	9 NoSATR	No_VFD_Chill	9.56379E-05	0	-1.00485E-10
Hsp	W05	96 OAT	9 NoSATR	No_VFD_Chill	9.01112E-05	0	3.84207E-09
Hsp	W06	96 OAT	9 NoSATR	No_VFD_Chill	0.000103026	0	9.65541E-09
Hsp	W07	96 OAT	9 NoSATR	No_VFD_Chill	0.000109528	0	5.44982E-09
Hsp	W08	96 OAT	9 NoSATR	No_VFD_Chill	9.69974E-05	0	6.50196E-11
Hsp	W09	96 OAT	9 NoSATR	No_VFD_Chill	9.41897E-05	0	3.63519E-10
Hsp	W10	96 OAT	9 NoSATR	No_VFD_Chill	7.45065E-05	0	-6.50196E-11
Hsp	W11	96 OAT	9 NoSATR	No_VFD_Chill	6.10889E-05	0	-3.54652E-11
Hsp	W12	96 OAT	9 NoSATR	No_VFD_Chill	7.32061E-05	0	-6.50196E-11
Hsp	W13	96 OAT	9 NoSATR	No_VFD_Chill	6.87139E-05	0	-3.25098E-11
Hsp	W14	96 OAT	9 NoSATR	No_VFD_Chill	5.42914E-05	0	-3.25098E-11
Hsp	W15	96 OAT	9 NoSATR	No_VFD_Chill	5.77197E-05	0	-3.25098E-11
Hsp	W16	96 OAT	9 NoSATR	No_VFD_Chill	5.64193E-05	0	-1.00485E-10
Hsp	W01	96 OAT	9 OATSATR	No_VFD_Chill	6.58767E-05	0	1.08021E-08
Hsp	W02	96 OAT	9 OATSATR	No_VFD_Chill	6.04978E-05	0	-6.50196E-11
Hsp	W03	96 OAT	9 OATSATR	No_VFD_Chill	7.65458E-05	0	4.13761E-09
Hsp	W04	96 OAT	9 OATSATR	No_VFD_Chill	8.18951E-05	0	-9.75294E-11
Hsp	W05	96 OAT	9 OATSATR	No_VFD_Chill	7.53341E-05	0	3.84207E-09
Hsp	W06	96 OAT	9 OATSATR	No_VFD_Chill	8.76582E-05	0	9.42489E-09
Hsp	W07	96 OAT	9 OATSATR	No_VFD_Chill	9.63768E-05	0	5.48233E-09
Hsp	W08	96 OAT	9 OATSATR	No_VFD_Chill	8.47323E-05	0	6.50196E-11
Hsp	W09	96 OAT	9 OATSATR	No_VFD_Chill	8.09494E-05	0	3.96028E-10
Hsp	W10	96 OAT	9 OATSATR	No_VFD_Chill	6.68815E-05	0	-3.25098E-11
Hsp	W11	96 OAT	9 OATSATR	No_VFD_Chill	5.47938E-05	0	-3.25098E-11
Hsp	W12	96 OAT	9 OATSATR	No_VFD_Chill	6.23893E-05	0	-9.75294E-11
Hsp	W13	96 OAT	9 OATSATR	No_VFD_Chill	6.22415E-05	0	-3.54652E-11
Hsp	W14	96 OAT	9 OATSATR	No_VFD_Chill	4.99764E-05	0	-6.50196E-11
Hsp	W15	96 OAT	9 OATSATR	No_VFD_Chill	5.14837E-05	0	0
Hsp	W16	96 OAT	9 OATSATR	No_VFD_Chill	5.21043E-05	0	-9.75294E-11
Hsp	W01	96 OAT	9 DmdSATR	No_VFD_Chill	6.57289E-05	0	9.81796E-09
Hsp	W02	96 OAT	9 DmdSATR	No_VFD_Chill	6.18573E-05	0	-6.50196E-11
Hsp	W03	96 OAT	9 DmdSATR	No_VFD_Chill	7.89692E-05	0	3.87753E-09
Hsp	W04	96 OAT	9 DmdSATR	No_VFD_Chill	8.43481E-05	0	-1.30039E-10
Hsp	W05	96 OAT	9 DmdSATR	No_VFD_Chill	7.84964E-05	0	3.67952E-09
Hsp	W06	96 OAT	9 DmdSATR	No_VFD_Chill	8.85449E-05	0	8.99635E-09
Hsp	W07	96 OAT	9 DmdSATR	No_VFD_Chill	9.5697E-05	0	5.25477E-09
Hsp	W08	96 OAT	9 DmdSATR	No_VFD_Chill	8.61214E-05	0	6.50196E-11
Hsp	W09	96 OAT	9 DmdSATR	No_VFD_Chill	8.25749E-05	0	3.63519E-10
Hsp	W10	96 OAT	9 DmdSATR	No_VFD_Chill	6.83297E-05	0	-6.50196E-11
Hsp	W11	96 OAT	9 DmdSATR	No_VFD_Chill	5.5976E-05	0	-3.25098E-11
Hsp	W12	96 OAT	9 DmdSATR	No_VFD_Chill	6.40739E-05	0	-1.00485E-10
Hsp	W13	96 OAT	9 DmdSATR	No_VFD_Chill	6.2005E-05	0	-3.25098E-11
Hsp	W14	96 OAT	9 DmdSATR	No_VFD_Chill	5.00651E-05	0	-3.54652E-11
Hsp	W15	96 OAT	9 DmdSATR	No_VFD_Chill	5.14246E-05	0	-3.25098E-11
Hsp	W16	96 OAT	9 DmdSATR	No_VFD_Chill	5.22226E-05	0	-1.00485E-10
Hsp	W01	3 OAT	3 NoSATR	VFD_Chill	8.157E-05	0	9.06432E-09
Hsp	W02	3 OAT	3 NoSATR	VFD_Chill	6.80046E-05	0	-3.25098E-11
Hsp	W03	3 OAT	3 NoSATR	VFD_Chill	9.1589E-05	0	2.79289E-09
Hsp	W04	3 OAT	3 NoSATR	VFD_Chill	9.8682E-05	0	-6.50196E-11
Hsp	W05	3 OAT	3 NoSATR	VFD_Chill	9.02295E-05	0	2.76038E-09
Hsp	W06	3 OAT	3 NoSATR	VFD_Chill	9.83569E-05	0	7.28811E-09
Hsp	W07	3 OAT	3 NoSATR	VFD_Chill	0.000110149	0	3.87458E-09
Hsp	W08	3 OAT	3 NoSATR	VFD_Chill	9.76772E-05	0	6.50196E-11
Hsp	W09	3 OAT	3 NoSATR	VFD_Chill	9.52833E-05	0	2.27569E-10
Hsp	W10	3 OAT	3 NoSATR	VFD_Chill	7.27628E-05	0	-3.25098E-11
Hsp	W11	3 OAT	3 NoSATR	VFD_Chill	6.2537E-05	0	-3.25098E-11
Hsp	W12	3 OAT	3 NoSATR	VFD_Chill	7.49499E-05	0	-3.25098E-11
Hsp	W13	3 OAT	3 NoSATR	VFD_Chill	7.05463E-05	0	0
Hsp	W14	3 OAT	3 NoSATR	VFD_Chill	5.52075E-05	0	-3.25098E-11
Hsp	W15	3 OAT	3 NoSATR	VFD_Chill	5.73059E-05	0	-3.25098E-11
Hsp	W16	3 OAT	3 NoSATR	VFD_Chill	5.75128E-05	0	-3.25098E-11
Hsp	W01	3 OAT	3 OATSATR	VFD_Chill	6.80046E-05	0	9.22687E-09
Hsp	W02	3 OAT	3 OATSATR	VFD_Chill	5.94929E-05	0	-3.54652E-11
Hsp	W03	3 OAT	3 OATSATR	VFD_Chill	7.70778E-05	0	2.82244E-09
Hsp	W04	3 OAT	3 OATSATR	VFD_Chill	8.35502E-05	0	-3.25098E-11
Hsp	W05	3 OAT	3 OATSATR	VFD_Chill	7.57183E-05	0	2.72787E-09
Hsp	W06	3 OAT	3 OATSATR	VFD_Chill	8.56781E-05	0	7.19353E-09
Hsp	W07	3 OAT	3 OATSATR	VFD_Chill	9.86229E-05	0	3.84207E-09
Hsp	W08	3 OAT	3 OATSATR	VFD_Chill	8.65943E-05	0	6.7975E-11
Hsp	W09	3 OAT	3 OATSATR	VFD_Chill	8.29295E-05	0	2.30524E-10

## CHWST Reset db

Hsp	W10	3 OAT	3 OATSATR	VFD_Chill	6.55811E-05	0	-3.25098E-11
Hsp	W11	3 OAT	3 OATSATR	VFD_Chill	5.63011E-05	0	0
Hsp	W12	3 OAT	3 OATSATR	VFD_Chill	6.4133E-05	0	-3.25098E-11
Hsp	W13	3 OAT	3 OATSATR	VFD_Chill	6.3069E-05	0	0
Hsp	W14	3 OAT	3 OATSATR	VFD_Chill	5.05971E-05	0	-3.25098E-11
Hsp	W15	3 OAT	3 OATSATR	VFD_Chill	5.20157E-05	0	-3.25098E-11
Hsp	W16	3 OAT	3 OATSATR	VFD_Chill	5.25772E-05	0	-3.54652E-11
Hsp	W01	3 OAT	3 DmdSATR	VFD_Chill	6.84775E-05	0	9.09388E-09
Hsp	W02	3 OAT	3 DmdSATR	VFD_Chill	6.13253E-05	0	-3.25098E-11
Hsp	W03	3 OAT	3 DmdSATR	VFD_Chill	7.84373E-05	0	2.72491E-09
Hsp	W04	3 OAT	3 DmdSATR	VFD_Chill	8.53825E-05	0	-3.25098E-11
Hsp	W05	3 OAT	3 DmdSATR	VFD_Chill	7.92648E-05	0	2.69536E-09
Hsp	W06	3 OAT	3 DmdSATR	VFD_Chill	8.68307E-05	0	7.12556E-09
Hsp	W07	3 OAT	3 DmdSATR	VFD_Chill	9.65541E-05	0	3.80956E-09
Hsp	W08	3 OAT	3 DmdSATR	VFD_Chill	8.85153E-05	0	6.50196E-11
Hsp	W09	3 OAT	3 DmdSATR	VFD_Chill	8.45846E-05	0	2.30524E-10
Hsp	W10	3 OAT	3 DmdSATR	VFD_Chill	6.67633E-05	0	-3.25098E-11
Hsp	W11	3 OAT	3 DmdSATR	VFD_Chill	5.70695E-05	0	0
Hsp	W12	3 OAT	3 DmdSATR	VFD_Chill	6.56993E-05	0	-3.25098E-11
Hsp	W13	3 OAT	3 DmdSATR	VFD_Chill	6.33941E-05	0	-3.25098E-11
Hsp	W14	3 OAT	3 DmdSATR	VFD_Chill	5.12768E-05	0	0
Hsp	W15	3 OAT	3 DmdSATR	VFD_Chill	5.26954E-05	0	0
Hsp	W16	3 OAT	3 DmdSATR	VFD_Chill	5.29319E-05	0	-3.25098E-11
Hsp	W01	3 OAT	9 NoSATR	VFD_Chill	0.000206378	0	2.43025E-08
Hsp	W02	3 OAT	9 NoSATR	VFD_Chill	0.000174105	0	-9.75294E-11
Hsp	W03	3 OAT	9 NoSATR	VFD_Chill	0.000234543	0	8.14518E-09
Hsp	W04	3 OAT	9 NoSATR	VFD_Chill	0.000255202	0	-2.30524E-10
Hsp	W05	3 OAT	9 NoSATR	VFD_Chill	0.000232238	0	7.91466E-09
Hsp	W06	3 OAT	9 NoSATR	VFD_Chill	0.000255852	0	2.02595E-08
Hsp	W07	3 OAT	9 NoSATR	VFD_Chill	0.000288746	0	1.11006E-08
Hsp	W08	3 OAT	9 NoSATR	VFD_Chill	0.000255202	0	1.65504E-10
Hsp	W09	3 OAT	9 NoSATR	VFD_Chill	0.000247666	0	6.88617E-10
Hsp	W10	3 OAT	9 NoSATR	VFD_Chill	0.000189769	0	-6.7975E-11
Hsp	W11	3 OAT	9 NoSATR	VFD_Chill	0.000160894	0	-3.25098E-11
Hsp	W12	3 OAT	9 NoSATR	VFD_Chill	0.000192694	0	-1.32995E-10
Hsp	W13	3 OAT	9 NoSATR	VFD_Chill	0.000183267	0	-3.25098E-11
Hsp	W14	3 OAT	9 NoSATR	VFD_Chill	0.000142363	0	-6.50196E-11
Hsp	W15	3 OAT	9 NoSATR	VFD_Chill	0.0001512	0	-3.25098E-11
Hsp	W16	3 OAT	9 NoSATR	VFD_Chill	0.00014656	0	-1.30039E-10
Hsp	W01	3 OAT	9 OATSATR	VFD_Chill	0.00017109	0	2.44651E-08
Hsp	W02	3 OAT	9 OATSATR	VFD_Chill	0.000150845	0	-1.00485E-10
Hsp	W03	3 OAT	9 OATSATR	VFD_Chill	0.000197482	0	8.14223E-09
Hsp	W04	3 OAT	9 OATSATR	VFD_Chill	0.000215481	0	-1.30039E-10
Hsp	W05	3 OAT	9 OATSATR	VFD_Chill	0.000193492	0	7.88215E-09
Hsp	W06	3 OAT	9 OATSATR	VFD_Chill	0.000222603	0	1.99994E-08
Hsp	W07	3 OAT	9 OATSATR	VFD_Chill	0.000257596	0	1.10681E-08
Hsp	W08	3 OAT	9 OATSATR	VFD_Chill	0.000225795	0	1.98014E-10
Hsp	W09	3 OAT	9 OATSATR	VFD_Chill	0.000215747	0	6.91572E-10
Hsp	W10	3 OAT	9 OATSATR	VFD_Chill	0.000169435	0	-9.75294E-11
Hsp	W11	3 OAT	9 OATSATR	VFD_Chill	0.000144314	0	-3.25098E-11
Hsp	W12	3 OAT	9 OATSATR	VFD_Chill	0.000165238	0	-9.75294E-11
Hsp	W13	3 OAT	9 OATSATR	VFD_Chill	0.000162992	0	-3.25098E-11
Hsp	W14	3 OAT	9 OATSATR	VFD_Chill	0.000130187	0	-6.50196E-11
Hsp	W15	3 OAT	9 OATSATR	VFD_Chill	0.000136482	0	-3.25098E-11
Hsp	W16	3 OAT	9 OATSATR	VFD_Chill	0.000132433	0	-1.00485E-10
Hsp	W01	3 OAT	9 DmdSATR	VFD_Chill	0.000176646	0	2.47252E-08
Hsp	W02	3 OAT	9 DmdSATR	VFD_Chill	0.000156372	0	-6.50196E-11
Hsp	W03	3 OAT	9 DmdSATR	VFD_Chill	0.000204014	0	7.87919E-09
Hsp	W04	3 OAT	9 DmdSATR	VFD_Chill	0.000219323	0	-1.32995E-10
Hsp	W05	3 OAT	9 DmdSATR	VFD_Chill	0.00020357	0	7.78462E-09
Hsp	W06	3 OAT	9 DmdSATR	VFD_Chill	0.000228485	0	1.97364E-08
Hsp	W07	3 OAT	9 DmdSATR	VFD_Chill	0.000256029	0	1.09026E-08
Hsp	W08	3 OAT	9 DmdSATR	VFD_Chill	0.000230554	0	1.62549E-10
Hsp	W09	3 OAT	9 DmdSATR	VFD_Chill	0.000220062	0	6.88617E-10
Hsp	W10	3 OAT	9 DmdSATR	VFD_Chill	0.000173455	0	-1.00485E-10
Hsp	W11	3 OAT	9 DmdSATR	VFD_Chill	0.00014721	0	-3.25098E-11
Hsp	W12	3 OAT	9 DmdSATR	VFD_Chill	0.000168755	0	-1.32995E-10
Hsp	W13	3 OAT	9 DmdSATR	VFD_Chill	0.000164706	0	-3.25098E-11
Hsp	W14	3 OAT	9 DmdSATR	VFD_Chill	0.000132817	0	-3.25098E-11
Hsp	W15	3 OAT	9 DmdSATR	VFD_Chill	0.000138167	0	0
Hsp	W16	3 OAT	9 DmdSATR	VFD_Chill	0.000134118	0	-1.00485E-10
Hsp	W01	3 OAT	3 NoSATR	No_VFD_Chill	2.41755E-05	0	3.08843E-09
Hsp	W02	3 OAT	3 NoSATR	No_VFD_Chill	1.99787E-05	0	-3.25098E-11
Hsp	W03	3 OAT	3 NoSATR	No_VFD_Chill	2.67467E-05	0	1.08465E-09
Hsp	W04	3 OAT	3 NoSATR	No_VFD_Chill	2.86973E-05	0	-3.54652E-11
Hsp	W05	3 OAT	3 NoSATR	No_VFD_Chill	2.60374E-05	0	1.01963E-09
Hsp	W06	3 OAT	3 NoSATR	No_VFD_Chill	2.97317E-05	0	2.65989E-09
Hsp	W07	3 OAT	3 NoSATR	No_VFD_Chill	3.22438E-05	0	1.47772E-09
Hsp	W08	3 OAT	3 NoSATR	No_VFD_Chill	2.89042E-05	0	0
Hsp	W09	3 OAT	3 NoSATR	No_VFD_Chill	2.78993E-05	0	6.50196E-11
Hsp	W10	3 OAT	3 NoSATR	No_VFD_Chill	2.14565E-05	0	-3.25098E-11
Hsp	W11	3 OAT	3 NoSATR	No_VFD_Chill	1.82941E-05	0	0
Hsp	W12	3 OAT	3 NoSATR	No_VFD_Chill	2.18407E-05	0	-3.25098E-11
Hsp	W13	3 OAT	3 NoSATR	No_VFD_Chill	2.05107E-05	0	0
Hsp	W14	3 OAT	3 NoSATR	No_VFD_Chill	1.61958E-05	0	-3.25098E-11
Hsp	W15	3 OAT	3 NoSATR	No_VFD_Chill	1.64913E-05	0	0
Hsp	W16	3 OAT	3 NoSATR	No_VFD_Chill	1.68755E-05	0	-3.25098E-11
Hsp	W01	3 OAT	3 OATSATR	No_VFD_Chill	2.01265E-05	0	3.08548E-09
Hsp	W02	3 OAT	3 OATSATR	No_VFD_Chill	1.79395E-05	0	-3.25098E-11
Hsp	W03	3 OAT	3 OATSATR	No_VFD_Chill	2.24022E-05	0	1.08169E-09
Hsp	W04	3 OAT	3 OATSATR	No_VFD_Chill	2.46483E-05	0	-3.25098E-11
Hsp	W05	3 OAT	3 OATSATR	No_VFD_Chill	2.21658E-05	0	1.04918E-09
Hsp	W06	3 OAT	3 OATSATR	No_VFD_Chill	2.54463E-05	0	2.5269E-09
Hsp	W07	3 OAT	3 OATSATR	No_VFD_Chill	2.89633E-05	0	1.47772E-09
Hsp	W08	3 OAT	3 OATSATR	No_VFD_Chill	2.55054E-05	0	3.25098E-11
Hsp	W09	3 OAT	3 OATSATR	No_VFD_Chill	2.38208E-05	0	9.75294E-11
Hsp	W10	3 OAT	3 OATSATR	No_VFD_Chill	1.97719E-05	0	-3.25098E-11
Hsp	W11	3 OAT	3 OATSATR	No_VFD_Chill	1.67573E-05	0	0

## CHWST Reset db

Hsp	W12	3	OAT	3	OATSATR	No_VFD_Chill	1.85897E-05	0	-3.25098E-11
Hsp	W13	3	OAT	3	OATSATR	No_VFD_Chill	1.87375E-05	0	0
Hsp	W14	3	OAT	3	OATSATR	No_VFD_Chill	1.49841E-05	0	-3.25098E-11
Hsp	W15	3	OAT	3	OATSATR	No_VFD_Chill	1.54865E-05	0	0
Hsp	W16	3	OAT	3	OATSATR	No_VFD_Chill	1.59002E-05	0	-3.54652E-11
Hsp	W01	3	OAT	3	DmdSATR	No_VFD_Chill	1.73189E-05	0	2.8254E-09
Hsp	W02	3	OAT	3	DmdSATR	No_VFD_Chill	1.79691E-05	0	-3.25098E-11
Hsp	W03	3	OAT	3	DmdSATR	No_VFD_Chill	2.13087E-05	0	1.01667E-09
Hsp	W04	3	OAT	3	DmdSATR	No_VFD_Chill	2.53576E-05	0	-3.25098E-11
Hsp	W05	3	OAT	3	DmdSATR	No_VFD_Chill	2.25204E-05	0	9.8416E-10
Hsp	W06	3	OAT	3	DmdSATR	No_VFD_Chill	2.41164E-05	0	2.46188E-09
Hsp	W07	3	OAT	3	DmdSATR	No_VFD_Chill	2.60965E-05	0	1.40974E-09
Hsp	W08	3	OAT	3	DmdSATR	No_VFD_Chill	2.58305E-05	0	3.25098E-11
Hsp	W09	3	OAT	3	DmdSATR	No_VFD_Chill	2.4205E-05	0	1.00485E-10
Hsp	W10	3	OAT	3	DmdSATR	No_VFD_Chill	1.9565E-05	0	0
Hsp	W11	3	OAT	3	DmdSATR	No_VFD_Chill	1.64618E-05	0	0
Hsp	W12	3	OAT	3	DmdSATR	No_VFD_Chill	1.89443E-05	0	-3.25098E-11
Hsp	W13	3	OAT	3	DmdSATR	No_VFD_Chill	1.82941E-05	0	0
Hsp	W14	3	OAT	3	DmdSATR	No_VFD_Chill	1.47181E-05	0	-3.25098E-11
Hsp	W15	3	OAT	3	DmdSATR	No_VFD_Chill	1.5516E-05	0	0
Hsp	W16	3	OAT	3	DmdSATR	No_VFD_Chill	1.56047E-05	0	-3.25098E-11
Hsp	W01	3	OAT	9	NoSATR	No_VFD_Chill	6.07933E-05	0	8.24271E-09
Hsp	W02	3	OAT	9	NoSATR	No_VFD_Chill	5.12768E-05	0	-1.00485E-10
Hsp	W03	3	OAT	9	NoSATR	No_VFD_Chill	6.81524E-05	0	3.18596E-09
Hsp	W04	3	OAT	9	NoSATR	No_VFD_Chill	7.4477E-05	0	-1.32995E-10
Hsp	W05	3	OAT	9	NoSATR	No_VFD_Chill	6.69997E-05	0	2.95544E-09
Hsp	W06	3	OAT	9	NoSATR	No_VFD_Chill	7.72255E-05	0	7.38859E-09
Hsp	W07	3	OAT	9	NoSATR	No_VFD_Chill	8.47619E-05	0	4.26765E-09
Hsp	W08	3	OAT	9	NoSATR	No_VFD_Chill	7.53341E-05	0	3.25098E-11
Hsp	W09	3	OAT	9	NoSATR	No_VFD_Chill	7.2024E-05	0	2.63034E-10
Hsp	W10	3	OAT	9	NoSATR	No_VFD_Chill	5.63602E-05	0	-6.50196E-11
Hsp	W11	3	OAT	9	NoSATR	No_VFD_Chill	4.6755E-05	0	-3.25098E-11
Hsp	W12	3	OAT	9	NoSATR	No_VFD_Chill	5.62124E-05	0	-1.00485E-10
Hsp	W13	3	OAT	9	NoSATR	No_VFD_Chill	5.33752E-05	0	-3.25098E-11
Hsp	W14	3	OAT	9	NoSATR	No_VFD_Chill	4.14057E-05	0	-6.50196E-11
Hsp	W15	3	OAT	9	NoSATR	No_VFD_Chill	4.38882E-05	0	0
Hsp	W16	3	OAT	9	NoSATR	No_VFD_Chill	4.28834E-05	0	-9.75294E-11
Hsp	W01	3	OAT	9	OATSATR	No_VFD_Chill	4.99764E-05	0	8.2102E-09
Hsp	W02	3	OAT	9	OATSATR	No_VFD_Chill	4.45975E-05	0	-9.75294E-11
Hsp	W03	3	OAT	9	OATSATR	No_VFD_Chill	5.72763E-05	0	3.18596E-09
Hsp	W04	3	OAT	9	OATSATR	No_VFD_Chill	6.32168E-05	0	-1.00485E-10
Hsp	W05	3	OAT	9	OATSATR	No_VFD_Chill	5.57691E-05	0	2.98795E-09
Hsp	W06	3	OAT	9	OATSATR	No_VFD_Chill	6.54334E-05	0	7.09305E-09
Hsp	W07	3	OAT	9	OATSATR	No_VFD_Chill	7.48612E-05	0	4.2706E-09
Hsp	W08	3	OAT	9	OATSATR	No_VFD_Chill	6.58767E-05	0	6.50196E-11
Hsp	W09	3	OAT	9	OATSATR	No_VFD_Chill	6.14435E-05	0	2.95544E-10
Hsp	W10	3	OAT	9	OATSATR	No_VFD_Chill	5.03311E-05	0	-6.50196E-11
Hsp	W11	3	OAT	9	OATSATR	No_VFD_Chill	4.2381E-05	0	-3.25098E-11
Hsp	W12	3	OAT	9	OATSATR	No_VFD_Chill	4.82032E-05	0	-9.75294E-11
Hsp	W13	3	OAT	9	OATSATR	No_VFD_Chill	4.78485E-05	0	-3.54652E-11
Hsp	W14	3	OAT	9	OATSATR	No_VFD_Chill	3.80069E-05	0	-6.50196E-11
Hsp	W15	3	OAT	9	OATSATR	No_VFD_Chill	4.02235E-05	0	0
Hsp	W16	3	OAT	9	OATSATR	No_VFD_Chill	3.88935E-05	0	-1.00485E-10
Hsp	W01	3	OAT	9	DmdSATR	No_VFD_Chill	4.66072E-05	0	7.91466E-09
Hsp	W02	3	OAT	9	DmdSATR	No_VFD_Chill	4.55433E-05	0	-6.50196E-11
Hsp	W03	3	OAT	9	DmdSATR	No_VFD_Chill	5.72763E-05	0	3.02046E-09
Hsp	W04	3	OAT	9	DmdSATR	No_VFD_Chill	6.39556E-05	0	-9.75294E-11
Hsp	W05	3	OAT	9	DmdSATR	No_VFD_Chill	5.75719E-05	0	2.85791E-09
Hsp	W06	3	OAT	9	DmdSATR	No_VFD_Chill	6.47832E-05	0	6.83001E-09
Hsp	W07	3	OAT	9	DmdSATR	No_VFD_Chill	7.0694E-05	0	4.1051E-09
Hsp	W08	3	OAT	9	DmdSATR	No_VFD_Chill	6.65269E-05	0	6.7975E-11
Hsp	W09	3	OAT	9	DmdSATR	No_VFD_Chill	6.24188E-05	0	2.63034E-10
Hsp	W10	3	OAT	9	DmdSATR	No_VFD_Chill	5.08039E-05	0	-6.7975E-11
Hsp	W11	3	OAT	9	DmdSATR	No_VFD_Chill	4.2381E-05	0	-3.25098E-11
Hsp	W12	3	OAT	9	DmdSATR	No_VFD_Chill	4.84691E-05	0	-9.75294E-11
Hsp	W13	3	OAT	9	DmdSATR	No_VFD_Chill	4.73461E-05	0	-3.25098E-11
Hsp	W14	3	OAT	9	DmdSATR	No_VFD_Chill	3.82138E-05	0	-3.25098E-11
Hsp	W15	3	OAT	9	DmdSATR	No_VFD_Chill	4.01939E-05	0	0
Hsp	W16	3	OAT	9	DmdSATR	No_VFD_Chill	3.87753E-05	0	-9.75294E-11
Hsp	W01	5	OAT	3	NoSATR	VFD_Chill	7.0162E-05	0	8.11267E-09
Hsp	W02	5	OAT	3	NoSATR	VFD_Chill	5.96111E-05	0	-3.25098E-11
Hsp	W03	5	OAT	3	NoSATR	VFD_Chill	8.17474E-05	0	2.33184E-09
Hsp	W04	5	OAT	3	NoSATR	VFD_Chill	8.887E-05	0	-3.25098E-11
Hsp	W05	5	OAT	3	NoSATR	VFD_Chill	8.20429E-05	0	2.46188E-09
Hsp	W06	5	OAT	3	NoSATR	VFD_Chill	8.89586E-05	0	6.40147E-09
Hsp	W07	5	OAT	3	NoSATR	VFD_Chill	0.000100396	0	3.41648E-09
Hsp	W08	5	OAT	3	NoSATR	VFD_Chill	8.92246E-05	0	6.7975E-11
Hsp	W09	5	OAT	3	NoSATR	VFD_Chill	8.64465E-05	0	1.98014E-10
Hsp	W10	5	OAT	3	NoSATR	VFD_Chill	6.59653E-05	0	-3.25098E-11
Hsp	W11	5	OAT	3	NoSATR	VFD_Chill	5.47347E-05	0	0
Hsp	W12	5	OAT	3	NoSATR	VFD_Chill	6.55811E-05	0	-3.25098E-11
Hsp	W13	5	OAT	3	NoSATR	VFD_Chill	6.28621E-05	0	0
Hsp	W14	5	OAT	3	NoSATR	VFD_Chill	4.86169E-05	0	0
Hsp	W15	5	OAT	3	NoSATR	VFD_Chill	5.25772E-05	0	0
Hsp	W16	5	OAT	3	NoSATR	VFD_Chill	4.841E-05	0	-3.25098E-11
Hsp	W01	5	OAT	3	OATSATR	VFD_Chill	5.41731E-05	0	8.57076E-09
Hsp	W02	5	OAT	3	OATSATR	VFD_Chill	4.95036E-05	0	-3.25098E-11
Hsp	W03	5	OAT	3	OATSATR	VFD_Chill	6.56698E-05	0	2.33184E-09
Hsp	W04	5	OAT	3	OATSATR	VFD_Chill	7.30288E-05	0	-3.25098E-11
Hsp	W05	5	OAT	3	OATSATR	VFD_Chill	6.60244E-05	0	2.43232E-09
Hsp	W06	5	OAT	3	OATSATR	VFD_Chill	7.57183E-05	0	6.43398E-09
Hsp	W07	5	OAT	3	OATSATR	VFD_Chill	8.76287E-05	0	3.38102E-09
Hsp	W08	5	OAT	3	OATSATR	VFD_Chill	7.71073E-05	0	6.50196E-11
Hsp	W09	5	OAT	3	OATSATR	VFD_Chill	7.35608E-05	0	1.95059E-10
Hsp	W10	5	OAT	3	OATSATR	VFD_Chill	5.74537E-05	0	0
Hsp	W11	5	OAT	3	OATSATR	VFD_Chill	4.73165E-05	0	0
Hsp	W12	5	OAT	3	OATSATR	VFD_Chill	5.46756E-05	0	-3.25098E-11
Hsp	W13	5	OAT	3	OATSATR	VFD_Chill	5.46165E-05	0	0

## CHWST Reset db

Hsp	W14	5 OAT	3 OATSATR	VFD_Chill	4.3238E-05	0	0
Hsp	W15	5 OAT	3 OATSATR	VFD_Chill	4.65777E-05	0	0
Hsp	W16	5 OAT	3 OATSATR	VFD_Chill	4.24696E-05	0	-3.25098E-11
Hsp	W01	5 OAT	3 DmdSATR	VFD_Chill	4.93558E-05	0	8.27522E-09
Hsp	W02	5 OAT	3 DmdSATR	VFD_Chill	4.61935E-05	0	-3.54652E-11
Hsp	W03	5 OAT	3 DmdSATR	VFD_Chill	5.67444E-05	0	2.36435E-09
Hsp	W04	5 OAT	3 DmdSATR	VFD_Chill	6.5522E-05	0	-3.25098E-11
Hsp	W05	5 OAT	3 DmdSATR	VFD_Chill	5.90201E-05	0	2.46188E-09
Hsp	W06	5 OAT	3 DmdSATR	VFD_Chill	6.74726E-05	0	6.40147E-09
Hsp	W07	5 OAT	3 DmdSATR	VFD_Chill	7.68118E-05	0	3.44604E-09
Hsp	W08	5 OAT	3 DmdSATR	VFD_Chill	7.04871E-05	0	6.50196E-11
Hsp	W09	5 OAT	3 DmdSATR	VFD_Chill	6.66746E-05	0	1.95059E-10
Hsp	W10	5 OAT	3 DmdSATR	VFD_Chill	5.28136E-05	0	0
Hsp	W11	5 OAT	3 DmdSATR	VFD_Chill	4.45089E-05	0	-3.25098E-11
Hsp	W12	5 OAT	3 DmdSATR	VFD_Chill	5.05084E-05	0	-3.25098E-11
Hsp	W13	5 OAT	3 DmdSATR	VFD_Chill	5.07744E-05	0	0
Hsp	W14	5 OAT	3 DmdSATR	VFD_Chill	4.09328E-05	0	0
Hsp	W15	5 OAT	3 DmdSATR	VFD_Chill	4.33858E-05	0	-3.25098E-11
Hsp	W16	5 OAT	3 DmdSATR	VFD_Chill	4.00166E-05	0	-3.25098E-11
Hsp	W01	5 OAT	9 NoSATR	VFD_Chill	0.000176558	0	2.11816E-08
Hsp	W02	5 OAT	9 NoSATR	VFD_Chill	0.000151259	0	-9.75294E-11
Hsp	W03	5 OAT	9 NoSATR	VFD_Chill	0.000207087	0	6.69997E-09
Hsp	W04	5 OAT	9 NoSATR	VFD_Chill	0.000226771	0	-9.75294E-11
Hsp	W05	5 OAT	9 NoSATR	VFD_Chill	0.00020889	0	6.96301E-09
Hsp	W06	5 OAT	9 NoSATR	VFD_Chill	0.000228189	0	1.72716E-08
Hsp	W07	5 OAT	9 NoSATR	VFD_Chill	0.000259783	0	9.68792E-09
Hsp	W08	5 OAT	9 NoSATR	VFD_Chill	0.000230524	0	1.65504E-10
Hsp	W09	5 OAT	9 NoSATR	VFD_Chill	0.000222603	0	5.91087E-10
Hsp	W10	5 OAT	9 NoSATR	VFD_Chill	0.000170056	0	-6.50196E-11
Hsp	W11	5 OAT	9 NoSATR	VFD_Chill	0.000140383	0	-3.25098E-11
Hsp	W12	5 OAT	9 NoSATR	VFD_Chill	0.000167898	0	-9.75294E-11
Hsp	W13	5 OAT	9 NoSATR	VFD_Chill	0.000162076	0	-3.25098E-11
Hsp	W14	5 OAT	9 NoSATR	VFD_Chill	0.000125813	0	-3.25098E-11
Hsp	W15	5 OAT	9 NoSATR	VFD_Chill	0.000137723	0	0
Hsp	W16	5 OAT	9 NoSATR	VFD_Chill	0.000122917	0	-1.00485E-10
Hsp	W01	5 OAT	9 OATSATR	VFD_Chill	0.000136216	0	2.24288E-08
Hsp	W02	5 OAT	9 OATSATR	VFD_Chill	0.00012531	0	-6.50196E-11
Hsp	W03	5 OAT	9 OATSATR	VFD_Chill	0.000165859	0	6.69997E-09
Hsp	W04	5 OAT	9 OATSATR	VFD_Chill	0.000186636	0	-1.00485E-10
Hsp	W05	5 OAT	9 OATSATR	VFD_Chill	0.000167189	0	6.96301E-09
Hsp	W06	5 OAT	9 OATSATR	VFD_Chill	0.000195059	0	1.75346E-08
Hsp	W07	5 OAT	9 OATSATR	VFD_Chill	0.000227953	0	9.68792E-09
Hsp	W08	5 OAT	9 OATSATR	VFD_Chill	0.000200408	0	1.62549E-10
Hsp	W09	5 OAT	9 OATSATR	VFD_Chill	0.00019036	0	5.91087E-10
Hsp	W10	5 OAT	9 OATSATR	VFD_Chill	0.000148481	0	-6.50196E-11
Hsp	W11	5 OAT	9 OATSATR	VFD_Chill	0.000121587	0	-3.25098E-11
Hsp	W12	5 OAT	9 OATSATR	VFD_Chill	0.000139497	0	-9.75294E-11
Hsp	W13	5 OAT	9 OATSATR	VFD_Chill	0.000140561	0	-3.25098E-11
Hsp	W14	5 OAT	9 OATSATR	VFD_Chill	0.000111627	0	-3.25098E-11
Hsp	W15	5 OAT	9 OATSATR	VFD_Chill	0.000122	0	0
Hsp	W16	5 OAT	9 OATSATR	VFD_Chill	0.000107519	0	-9.75294E-11
Hsp	W01	5 OAT	9 DmdSATR	VFD_Chill	0.00012206	0	2.07206E-08
Hsp	W02	5 OAT	9 DmdSATR	VFD_Chill	0.000117567	0	-6.7975E-11
Hsp	W03	5 OAT	9 DmdSATR	VFD_Chill	0.00014322	0	6.86252E-09
Hsp	W04	5 OAT	9 DmdSATR	VFD_Chill	0.000168017	0	-6.50196E-11
Hsp	W05	5 OAT	9 DmdSATR	VFD_Chill	0.000150373	0	7.02507E-09
Hsp	W06	5 OAT	9 DmdSATR	VFD_Chill	0.000174075	0	1.76321E-08
Hsp	W07	5 OAT	9 DmdSATR	VFD_Chill	0.000199433	0	9.85047E-09
Hsp	W08	5 OAT	9 DmdSATR	VFD_Chill	0.000184331	0	1.95059E-10
Hsp	W09	5 OAT	9 DmdSATR	VFD_Chill	0.000173277	0	6.23597E-10
Hsp	W10	5 OAT	9 DmdSATR	VFD_Chill	0.000137487	0	-3.25098E-11
Hsp	W11	5 OAT	9 DmdSATR	VFD_Chill	0.000114287	0	-3.25098E-11
Hsp	W12	5 OAT	9 DmdSATR	VFD_Chill	0.000129566	0	-6.50196E-11
Hsp	W13	5 OAT	9 DmdSATR	VFD_Chill	0.000130985	0	-3.25098E-11
Hsp	W14	5 OAT	9 DmdSATR	VFD_Chill	0.000105657	0	-3.54652E-11
Hsp	W15	5 OAT	9 DmdSATR	VFD_Chill	0.000114641	0	-3.25098E-11
Hsp	W16	5 OAT	9 DmdSATR	VFD_Chill	0.00010214	0	-6.50196E-11
Hsp	W01	5 OAT	3 NoSATR	No_VFD_Chill	2.06585E-05	0	2.39686E-09
Hsp	W02	5 OAT	3 NoSATR	No_VFD_Chill	1.78508E-05	0	-3.25098E-11
Hsp	W03	5 OAT	3 NoSATR	No_VFD_Chill	2.39686E-05	0	7.21126E-10
Hsp	W04	5 OAT	3 NoSATR	No_VFD_Chill	2.58305E-05	0	-3.25098E-11
Hsp	W05	5 OAT	3 NoSATR	No_VFD_Chill	2.38799E-05	0	8.21611E-10
Hsp	W06	5 OAT	3 NoSATR	No_VFD_Chill	2.58896E-05	0	2.00379E-09
Hsp	W07	5 OAT	3 NoSATR	No_VFD_Chill	2.83131E-05	0	1.1142E-09
Hsp	W08	5 OAT	3 NoSATR	No_VFD_Chill	2.55054E-05	0	0
Hsp	W09	5 OAT	3 NoSATR	No_VFD_Chill	2.46188E-05	0	6.50196E-11
Hsp	W10	5 OAT	3 NoSATR	No_VFD_Chill	1.91808E-05	0	0
Hsp	W11	5 OAT	3 NoSATR	No_VFD_Chill	1.62253E-05	0	0
Hsp	W12	5 OAT	3 NoSATR	No_VFD_Chill	1.89148E-05	0	-3.25098E-11
Hsp	W13	5 OAT	3 NoSATR	No_VFD_Chill	1.82646E-05	0	-3.25098E-11
Hsp	W14	5 OAT	3 NoSATR	No_VFD_Chill	1.44225E-05	0	0
Hsp	W15	5 OAT	3 NoSATR	No_VFD_Chill	1.48658E-05	0	0
Hsp	W16	5 OAT	3 NoSATR	No_VFD_Chill	1.45112E-05	0	-3.25098E-11
Hsp	W01	5 OAT	3 OATSATR	No_VFD_Chill	1.64913E-05	0	2.72491E-09
Hsp	W02	5 OAT	3 OATSATR	No_VFD_Chill	1.55456E-05	0	-3.25098E-11
Hsp	W03	5 OAT	3 OATSATR	No_VFD_Chill	2.00674E-05	0	7.56592E-10
Hsp	W04	5 OAT	3 OATSATR	No_VFD_Chill	2.20476E-05	0	-3.25098E-11
Hsp	W05	5 OAT	3 OATSATR	No_VFD_Chill	2.03334E-05	0	8.21611E-10
Hsp	W06	5 OAT	3 OATSATR	No_VFD_Chill	2.25795E-05	0	2.00379E-09
Hsp	W07	5 OAT	3 OATSATR	No_VFD_Chill	2.53576E-05	0	1.11715E-09
Hsp	W08	5 OAT	3 OATSATR	No_VFD_Chill	2.23727E-05	0	0
Hsp	W09	5 OAT	3 OATSATR	No_VFD_Chill	2.13087E-05	0	6.50196E-11
Hsp	W10	5 OAT	3 OATSATR	No_VFD_Chill	1.7378E-05	0	-3.25098E-11
Hsp	W11	5 OAT	3 OATSATR	No_VFD_Chill	1.43339E-05	0	-3.25098E-11
Hsp	W12	5 OAT	3 OATSATR	No_VFD_Chill	1.64913E-05	0	-3.25098E-11
Hsp	W13	5 OAT	3 OATSATR	No_VFD_Chill	1.64913E-05	0	0
Hsp	W14	5 OAT	3 OATSATR	No_VFD_Chill	1.31517E-05	0	0
Hsp	W15	5 OAT	3 OATSATR	No_VFD_Chill	1.36837E-05	0	0



CHWST Reset db

Hsp	W16	5 OAT	3 OATSATR	No_VFD_Chill	1.30926E-05	0	-3.54652E-11
Hsp	W01	5 OAT	3 DmdSATR	No_VFD_Chill	1.27675E-05	0	2.23135E-09
Hsp	W02	5 OAT	3 DmdSATR	No_VFD_Chill	1.25606E-05	0	0
Hsp	W03	5 OAT	3 DmdSATR	No_VFD_Chill	1.38019E-05	0	8.18656E-10
Hsp	W04	5 OAT	3 DmdSATR	No_VFD_Chill	1.68164E-05	0	-3.25098E-11
Hsp	W05	5 OAT	3 DmdSATR	No_VFD_Chill	1.43339E-05	0	8.54121E-10
Hsp	W06	5 OAT	3 DmdSATR	No_VFD_Chill	1.54865E-05	0	1.93877E-09
Hsp	W07	5 OAT	3 DmdSATR	No_VFD_Chill	1.76144E-05	0	1.14966E-09
Hsp	W08	5 OAT	3 DmdSATR	No_VFD_Chill	1.68755E-05	0	3.54652E-11
Hsp	W09	5 OAT	3 DmdSATR	No_VFD_Chill	1.59594E-05	0	6.50196E-11
Hsp	W10	5 OAT	3 DmdSATR	No_VFD_Chill	1.33586E-05	0	0
Hsp	W11	5 OAT	3 DmdSATR	No_VFD_Chill	1.21764E-05	0	0
Hsp	W12	5 OAT	3 DmdSATR	No_VFD_Chill	1.32108E-05	0	-3.25098E-11
Hsp	W13	5 OAT	3 DmdSATR	No_VFD_Chill	1.37132E-05	0	0
Hsp	W14	5 OAT	3 DmdSATR	No_VFD_Chill	1.12898E-05	0	0
Hsp	W15	5 OAT	3 DmdSATR	No_VFD_Chill	1.09647E-05	0	0
Hsp	W16	5 OAT	3 DmdSATR	No_VFD_Chill	1.1142E-05	0	-3.25098E-11
Hsp	W01	5 OAT	9 NoSATR	No_VFD_Chill	5.1395E-05	0	6.04091E-09
Hsp	W02	5 OAT	9 NoSATR	No_VFD_Chill	4.47453E-05	0	-6.50196E-11
Hsp	W03	5 OAT	9 NoSATR	No_VFD_Chill	5.90496E-05	0	2.06881E-09
Hsp	W04	5 OAT	9 NoSATR	No_VFD_Chill	6.40739E-05	0	-9.75294E-11
Hsp	W05	5 OAT	9 NoSATR	No_VFD_Chill	5.96407E-05	0	2.29933E-09
Hsp	W06	5 OAT	9 NoSATR	No_VFD_Chill	6.40443E-05	0	5.15428E-09
Hsp	W07	5 OAT	9 NoSATR	No_VFD_Chill	7.11669E-05	0	3.11798E-09
Hsp	W08	5 OAT	9 NoSATR	No_VFD_Chill	6.41034E-05	0	3.25098E-11
Hsp	W09	5 OAT	9 NoSATR	No_VFD_Chill	6.16799E-05	0	1.98014E-10
Hsp	W10	5 OAT	9 NoSATR	No_VFD_Chill	4.85578E-05	0	-3.54652E-11
Hsp	W11	5 OAT	9 NoSATR	No_VFD_Chill	4.10806E-05	0	-3.25098E-11
Hsp	W12	5 OAT	9 NoSATR	No_VFD_Chill	4.80258E-05	0	-1.00485E-10
Hsp	W13	5 OAT	9 NoSATR	No_VFD_Chill	4.62821E-05	0	-3.25098E-11
Hsp	W14	5 OAT	9 NoSATR	No_VFD_Chill	3.73863E-05	0	-3.25098E-11
Hsp	W15	5 OAT	9 NoSATR	No_VFD_Chill	3.85684E-05	0	0
Hsp	W16	5 OAT	9 NoSATR	No_VFD_Chill	3.63814E-05	0	-9.75294E-11
Hsp	W01	5 OAT	9 OATSATR	No_VFD_Chill	4.1583E-05	0	7.25855E-09
Hsp	W02	5 OAT	9 OATSATR	No_VFD_Chill	3.87458E-05	0	-6.50196E-11
Hsp	W03	5 OAT	9 OATSATR	No_VFD_Chill	4.92376E-05	0	2.10131E-09
Hsp	W04	5 OAT	9 OATSATR	No_VFD_Chill	5.50007E-05	0	-9.75294E-11
Hsp	W05	5 OAT	9 OATSATR	No_VFD_Chill	5.00651E-05	0	2.33184E-09
Hsp	W06	5 OAT	9 OATSATR	No_VFD_Chill	5.65966E-05	0	5.31978E-09
Hsp	W07	5 OAT	9 OATSATR	No_VFD_Chill	6.45763E-05	0	3.12094E-09
Hsp	W08	5 OAT	9 OATSATR	No_VFD_Chill	5.72172E-05	0	0
Hsp	W09	5 OAT	9 OATSATR	No_VFD_Chill	5.39072E-05	0	1.95059E-10
Hsp	W10	5 OAT	9 OATSATR	No_VFD_Chill	4.43906E-05	0	-6.50196E-11
Hsp	W11	5 OAT	9 OATSATR	No_VFD_Chill	3.64701E-05	0	-3.25098E-11
Hsp	W12	5 OAT	9 OATSATR	No_VFD_Chill	4.13761E-05	0	-9.75294E-11
Hsp	W13	5 OAT	9 OATSATR	No_VFD_Chill	4.13465E-05	0	-3.25098E-11
Hsp	W14	5 OAT	9 OATSATR	No_VFD_Chill	3.37806E-05	0	-3.25098E-11
Hsp	W15	5 OAT	9 OATSATR	No_VFD_Chill	3.53175E-05	0	0
Hsp	W16	5 OAT	9 OATSATR	No_VFD_Chill	3.25689E-05	0	-1.00485E-10
Hsp	W01	5 OAT	9 DmdSATR	No_VFD_Chill	2.7456E-05	0	4.49817E-09
Hsp	W02	5 OAT	9 DmdSATR	No_VFD_Chill	3.03523E-05	0	-3.25098E-11
Hsp	W03	5 OAT	9 DmdSATR	No_VFD_Chill	3.0175E-05	0	2.36435E-09
Hsp	W04	5 OAT	9 DmdSATR	No_VFD_Chill	3.9662E-05	0	-6.50196E-11
Hsp	W05	5 OAT	9 DmdSATR	No_VFD_Chill	3.26576E-05	0	2.39686E-09
Hsp	W06	5 OAT	9 DmdSATR	No_VFD_Chill	3.54357E-05	0	5.31978E-09
Hsp	W07	5 OAT	9 DmdSATR	No_VFD_Chill	4.08441E-05	0	3.25098E-09
Hsp	W08	5 OAT	9 DmdSATR	No_VFD_Chill	4.15534E-05	0	6.7975E-11
Hsp	W09	5 OAT	9 DmdSATR	No_VFD_Chill	3.83025E-05	0	1.98014E-10
Hsp	W10	5 OAT	9 DmdSATR	No_VFD_Chill	3.29827E-05	0	-3.25098E-11
Hsp	W11	5 OAT	9 DmdSATR	No_VFD_Chill	2.97317E-05	0	-3.54652E-11
Hsp	W12	5 OAT	9 DmdSATR	No_VFD_Chill	3.22734E-05	0	-6.50196E-11
Hsp	W13	5 OAT	9 DmdSATR	No_VFD_Chill	3.32487E-05	0	0
Hsp	W14	5 OAT	9 DmdSATR	No_VFD_Chill	2.81062E-05	0	-3.25098E-11
Hsp	W15	5 OAT	9 DmdSATR	No_VFD_Chill	2.78698E-05	0	0
Hsp	W16	5 OAT	9 DmdSATR	No_VFD_Chill	2.76333E-05	0	-6.50196E-11
Eun	W01	75 OAT	3 NoSATR	VFD_Chill	0.000168072	0	2.73469E-08
Eun	W02	75 OAT	3 NoSATR	VFD_Chill	0.000149928	0	-3.06477E-10
Eun	W03	75 OAT	3 NoSATR	VFD_Chill	0.000183549	0	5.44609E-09
Eun	W04	75 OAT	3 NoSATR	VFD_Chill	0.000193816	0	8.06953E-09
Eun	W05	75 OAT	3 NoSATR	VFD_Chill	0.000173558	0	6.36858E-09
Eun	W06	75 OAT	3 NoSATR	VFD_Chill	0.000181465	0	1.83549E-08
Eun	W07	75 OAT	3 NoSATR	VFD_Chill	0.000186338	0	1.21916E-08
Eun	W08	75 OAT	3 NoSATR	VFD_Chill	0.000187104	0	-2.02275E-10
Eun	W09	75 OAT	3 NoSATR	VFD_Chill	0.000181373	0	1.80515E-09
Eun	W10	75 OAT	3 NoSATR	VFD_Chill	0.000159889	0	-1.37914E-10
Eun	W11	75 OAT	3 NoSATR	VFD_Chill	0.000129946	0	-3.06477E-10
Eun	W12	75 OAT	3 NoSATR	VFD_Chill	0.000148457	0	-2.39052E-10
Eun	W13	75 OAT	3 NoSATR	VFD_Chill	0.000144167	0	-1.68562E-10
Eun	W14	75 OAT	3 NoSATR	VFD_Chill	0.000132459	0	-2.39052E-10
Eun	W15	75 OAT	3 NoSATR	VFD_Chill	0.000115327	0	-3.37124E-11
Eun	W16	75 OAT	3 NoSATR	VFD_Chill	0.000116001	0	-6.74249E-11
Eun	W01	75 OAT	3 OATSATR	VFD_Chill	0.000141286	0	2.54713E-08
Eun	W02	75 OAT	3 OATSATR	VFD_Chill	0.00013911	0	-5.79241E-10
Eun	W03	75 OAT	3 OATSATR	VFD_Chill	0.000164731	0	4.59715E-09
Eun	W04	75 OAT	3 OATSATR	VFD_Chill	0.000175243	0	6.7762E-09
Eun	W05	75 OAT	3 OATSATR	VFD_Chill	0.000160502	0	6.09582E-09
Eun	W06	75 OAT	3 OATSATR	VFD_Chill	0.000172822	0	1.72332E-08
Eun	W07	75 OAT	3 OATSATR	VFD_Chill	0.000177818	0	1.16124E-08
Eun	W08	75 OAT	3 OATSATR	VFD_Chill	0.000177756	0	-5.08751E-10
Eun	W09	75 OAT	3 OATSATR	VFD_Chill	0.00017273	0	1.73466E-09
Eun	W10	75 OAT	3 OATSATR	VFD_Chill	0.000151308	0	-3.73902E-10
Eun	W11	75 OAT	3 OATSATR	VFD_Chill	0.00011971	0	-3.43254E-10
Eun	W12	75 OAT	3 OATSATR	VFD_Chill	0.000137823	0	1.70095E-09
Eun	W13	75 OAT	3 OATSATR	VFD_Chill	0.000131417	0	-2.39052E-10
Eun	W14	75 OAT	3 OATSATR	VFD_Chill	0.000125073	0	-2.39052E-10
Eun	W15	75 OAT	3 OATSATR	VFD_Chill	0.000111343	0	-6.74249E-11
Eun	W16	75 OAT	3 OATSATR	VFD_Chill	0.000108523	0	-2.39052E-10
Eun	W01	75 OAT	3 DmdSATR	VFD_Chill	0.000133654	0	2.36998E-08

## CHWST Reset db

Eun	W02	75	OAT	3	DmdSATR	VFD_Chill	0.000135309	0	-3.73902E-10
Eun	W03	75	OAT	3	DmdSATR	VFD_Chill	0.000156579	0	5.34495E-09
Eun	W04	75	OAT	3	DmdSATR	VFD_Chill	0.000167857	0	7.83354E-09
Eun	W05	75	OAT	3	DmdSATR	VFD_Chill	0.000156242	0	5.99468E-09
Eun	W06	75	OAT	3	DmdSATR	VFD_Chill	0.000166264	0	1.71627E-08
Eun	W07	75	OAT	3	DmdSATR	VFD_Chill	0.000173925	0	1.16461E-08
Eun	W08	75	OAT	3	DmdSATR	VFD_Chill	0.000170769	0	-2.72764E-10
Eun	W09	75	OAT	3	DmdSATR	VFD_Chill	0.000167398	0	1.76837E-09
Eun	W10	75	OAT	3	DmdSATR	VFD_Chill	0.000146925	0	-2.02275E-10
Eun	W11	75	OAT	3	DmdSATR	VFD_Chill	0.000116584	0	-3.73902E-10
Eun	W12	75	OAT	3	DmdSATR	VFD_Chill	0.000133348	0	-4.07614E-10
Eun	W13	75	OAT	3	DmdSATR	VFD_Chill	0.000127954	0	-2.39052E-10
Eun	W14	75	OAT	3	DmdSATR	VFD_Chill	0.000122437	0	-2.05339E-10
Eun	W15	75	OAT	3	DmdSATR	VFD_Chill	0.000107941	0	-3.37124E-11
Eun	W16	75	OAT	3	DmdSATR	VFD_Chill	0.000106439	0	-2.72764E-10
Eun	W01	75	OAT	9	NoSATR	VFD_Chill	0.000418923	0	7.13753E-08
Eun	W02	75	OAT	9	NoSATR	VFD_Chill	0.000383004	0	-9.53142E-10
Eun	W03	75	OAT	9	NoSATR	VFD_Chill	0.0004694	0	1.53238E-08
Eun	W04	75	OAT	9	NoSATR	VFD_Chill	0.000494715	0	2.24402E-08
Eun	W05	75	OAT	9	NoSATR	VFD_Chill	0.000439671	0	1.82537E-08
Eun	W06	75	OAT	9	NoSATR	VFD_Chill	0.00046609	0	5.08414E-08
Eun	W07	75	OAT	9	NoSATR	VFD_Chill	0.000486991	0	3.45277E-08
Eun	W08	75	OAT	9	NoSATR	VFD_Chill	0.000483957	0	-4.75039E-10
Eun	W09	75	OAT	9	NoSATR	VFD_Chill	0.000472893	0	5.48287E-09
Eun	W10	75	OAT	9	NoSATR	VFD_Chill	0.000410096	0	-4.78104E-10
Eun	W11	75	OAT	9	NoSATR	VFD_Chill	0.000332037	0	-8.52005E-10
Eun	W12	75	OAT	9	NoSATR	VFD_Chill	0.00038	0	-7.47803E-10
Eun	W13	75	OAT	9	NoSATR	VFD_Chill	0.000367251	0	-4.75039E-10
Eun	W14	75	OAT	9	NoSATR	VFD_Chill	0.00033599	0	-5.45528E-10
Eun	W15	75	OAT	9	NoSATR	VFD_Chill	0.000301358	0	-1.71627E-10
Eun	W16	75	OAT	9	NoSATR	VFD_Chill	0.000292501	0	-1.3485E-10
Eun	W01	75	OAT	9	OATSATR	VFD_Chill	0.000351621	0	6.48382E-08
Eun	W02	75	OAT	9	OATSATR	VFD_Chill	0.000350609	0	-1.53238E-09
Eun	W03	75	OAT	9	OATSATR	VFD_Chill	0.000418708	0	1.3485E-08
Eun	W04	75	OAT	9	OATSATR	VFD_Chill	0.00044436	0	1.9921E-08
Eun	W05	75	OAT	9	OATSATR	VFD_Chill	0.000405744	0	1.75029E-08
Eun	W06	75	OAT	9	OATSATR	VFD_Chill	0.000439426	0	4.78808E-08
Eun	W07	75	OAT	9	OATSATR	VFD_Chill	0.000468266	0	3.30995E-08
Eun	W08	75	OAT	9	OATSATR	VFD_Chill	0.00045855	0	-1.05428E-09
Eun	W09	75	OAT	9	OATSATR	VFD_Chill	0.000446046	0	5.07219E-09
Eun	W10	75	OAT	9	OATSATR	VFD_Chill	0.000386375	0	-8.4894E-10
Eun	W11	75	OAT	9	OATSATR	VFD_Chill	0.000304025	0	-1.09106E-09
Eun	W12	75	OAT	9	OATSATR	VFD_Chill	0.00034687	0	9.53142E-10
Eun	W13	75	OAT	9	OATSATR	VFD_Chill	0.000335715	0	-7.50868E-10
Eun	W14	75	OAT	9	OATSATR	VFD_Chill	0.000315303	0	-7.50868E-10
Eun	W15	75	OAT	9	OATSATR	VFD_Chill	0.000291214	0	-1.68562E-10
Eun	W16	75	OAT	9	OATSATR	VFD_Chill	0.000271446	0	-8.52005E-10
Eun	W01	75	OAT	9	DmdSATR	VFD_Chill	0.000330321	0	6.14976E-08
Eun	W02	75	OAT	9	DmdSATR	VFD_Chill	0.000340189	0	-1.08799E-09
Eun	W03	75	OAT	9	DmdSATR	VFD_Chill	0.000396305	0	1.48457E-08
Eun	W04	75	OAT	9	DmdSATR	VFD_Chill	0.000424685	0	2.34639E-08
Eun	W05	75	OAT	9	DmdSATR	VFD_Chill	0.000393731	0	1.71627E-08
Eun	W06	75	OAT	9	DmdSATR	VFD_Chill	0.000423428	0	4.76081E-08
Eun	W07	75	OAT	9	DmdSATR	VFD_Chill	0.000449908	0	3.30995E-08
Eun	W08	75	OAT	9	DmdSATR	VFD_Chill	0.00044243	0	-7.81515E-10
Eun	W09	75	OAT	9	DmdSATR	VFD_Chill	0.00043063	0	5.2101E-09
Eun	W10	75	OAT	9	DmdSATR	VFD_Chill	0.000374606	0	-4.41326E-10
Eun	W11	75	OAT	9	DmdSATR	VFD_Chill	0.000294493	0	-1.05428E-09
Eun	W12	75	OAT	9	DmdSATR	VFD_Chill	0.000335531	0	8.52005E-10
Eun	W13	75	OAT	9	DmdSATR	VFD_Chill	0.000325539	0	-7.17155E-10
Eun	W14	75	OAT	9	DmdSATR	VFD_Chill	0.000308714	0	-6.4973E-10
Eun	W15	75	OAT	9	DmdSATR	VFD_Chill	0.000283797	0	-1.37914E-10
Eun	W16	75	OAT	9	DmdSATR	VFD_Chill	0.00026593	0	-7.8458E-10
Eun	W01	75	OAT	3	NoSATR	No_VFD_Chill	5.19171E-05	0	8.51392E-09
Eun	W02	75	OAT	3	NoSATR	No_VFD_Chill	4.55424E-05	0	-2.02275E-10
Eun	W03	75	OAT	3	NoSATR	No_VFD_Chill	5.68821E-05	0	2.11162E-09
Eun	W04	75	OAT	3	NoSATR	No_VFD_Chill	6.0284E-05	0	2.8962E-09
Eun	W05	75	OAT	3	NoSATR	No_VFD_Chill	5.54723E-05	0	2.38439E-09
Eun	W06	75	OAT	3	NoSATR	No_VFD_Chill	6.0192E-05	0	7.08268E-09
Eun	W07	75	OAT	3	NoSATR	No_VFD_Chill	5.93952E-05	0	4.732E-09
Eun	W08	75	OAT	3	NoSATR	No_VFD_Chill	5.915E-05	0	-2.05339E-10
Eun	W09	75	OAT	3	NoSATR	No_VFD_Chill	5.55029E-05	0	5.45528E-10
Eun	W10	75	OAT	3	NoSATR	No_VFD_Chill	5.1672E-05	0	-1.3485E-10
Eun	W11	75	OAT	3	NoSATR	No_VFD_Chill	4.03017E-05	0	-2.72764E-10
Eun	W12	75	OAT	3	NoSATR	No_VFD_Chill	4.44391E-05	0	-1.71627E-10
Eun	W13	75	OAT	3	NoSATR	No_VFD_Chill	4.54505E-05	0	-1.01137E-10
Eun	W14	75	OAT	3	NoSATR	No_VFD_Chill	4.25083E-05	0	-2.02275E-10
Eun	W15	75	OAT	3	NoSATR	No_VFD_Chill	3.62868E-05	0	-3.37124E-11
Eun	W16	75	OAT	3	NoSATR	No_VFD_Chill	3.55819E-05	0	-1.3485E-10
Eun	W01	75	OAT	3	OATSATR	No_VFD_Chill	4.39794E-05	0	9.05638E-09
Eun	W02	75	OAT	3	OATSATR	No_VFD_Chill	4.33971E-05	0	-5.11816E-10
Eun	W03	75	OAT	3	OATSATR	No_VFD_Chill	5.07525E-05	0	1.53238E-09
Eun	W04	75	OAT	3	OATSATR	No_VFD_Chill	5.53497E-05	0	1.43125E-09
Eun	W05	75	OAT	3	OATSATR	No_VFD_Chill	5.12429E-05	0	2.11162E-09
Eun	W06	75	OAT	3	OATSATR	No_VFD_Chill	5.71272E-05	0	6.02533E-09
Eun	W07	75	OAT	3	OATSATR	No_VFD_Chill	5.49513E-05	0	4.25696E-09
Eun	W08	75	OAT	3	OATSATR	No_VFD_Chill	5.62998E-05	0	-5.79241E-10
Eun	W09	75	OAT	3	OATSATR	No_VFD_Chill	5.39705E-05	0	4.78104E-10
Eun	W10	75	OAT	3	OATSATR	No_VFD_Chill	4.94653E-05	0	-3.40189E-10
Eun	W11	75	OAT	3	OATSATR	No_VFD_Chill	3.7574E-05	0	-3.06477E-10
Eun	W12	75	OAT	3	OATSATR	No_VFD_Chill	4.27535E-05	0	1.70095E-09
Eun	W13	75	OAT	3	OATSATR	No_VFD_Chill	4.12518E-05	0	-2.05339E-10
Eun	W14	75	OAT	3	OATSATR	No_VFD_Chill	4.07001E-05	0	-2.02275E-10
Eun	W15	75	OAT	3	OATSATR	No_VFD_Chill	3.51529E-05	0	-6.74249E-11
Eun	W16	75	OAT	3	OATSATR	No_VFD_Chill	3.36818E-05	0	-3.73902E-10
Eun	W01	75	OAT	3	DmdSATR	No_VFD_Chill	4.19567E-05	0	7.96839E-09
Eun	W02	75	OAT	3	DmdSATR	No_VFD_Chill	4.22938E-05	0	-2.72764E-10
Eun	W03	75	OAT	3	DmdSATR	No_VFD_Chill	4.86991E-05	0	2.11162E-09

## CHWST Reset db

Eun	W04	75	OAT	3	DmdSATR	No_VFD_Chill	5.28366E-05	0	2.72458E-09
Eun	W05	75	OAT	3	DmdSATR	No_VFD_Chill	5.01089E-05	0	2.01049E-09
Eun	W06	75	OAT	3	DmdSATR	No_VFD_Chill	5.38786E-05	0	5.71885E-09
Eun	W07	75	OAT	3	DmdSATR	No_VFD_Chill	5.53803E-05	0	4.29067E-09
Eun	W08	75	OAT	3	DmdSATR	No_VFD_Chill	5.32043E-05	0	-2.39052E-10
Eun	W09	75	OAT	3	DmdSATR	No_VFD_Chill	5.25301E-05	0	5.11816E-10
Eun	W10	75	OAT	3	DmdSATR	No_VFD_Chill	4.79329E-05	0	-1.37914E-10
Eun	W11	75	OAT	3	DmdSATR	No_VFD_Chill	3.65627E-05	0	-3.06477E-10
Eun	W12	75	OAT	3	DmdSATR	No_VFD_Chill	4.11292E-05	0	-3.40189E-10
Eun	W13	75	OAT	3	DmdSATR	No_VFD_Chill	4.03323E-05	0	-1.68562E-10
Eun	W14	75	OAT	3	DmdSATR	No_VFD_Chill	3.99033E-05	0	-1.71627E-10
Eun	W15	75	OAT	3	DmdSATR	No_VFD_Chill	3.33447E-05	0	-6.74249E-11
Eun	W16	75	OAT	3	DmdSATR	No_VFD_Chill	3.31301E-05	0	-3.73902E-10
Eun	W01	75	OAT	9	NoSATR	No_VFD_Chill	0.000126268	0	2.26118E-08
Eun	W02	75	OAT	9	NoSATR	No_VFD_Chill	0.000118453	0	-7.47803E-10
Eun	W03	75	OAT	9	NoSATR	No_VFD_Chill	0.000146526	0	5.78934E-09
Eun	W04	75	OAT	9	NoSATR	No_VFD_Chill	0.000152166	0	7.79983E-09
Eun	W05	75	OAT	9	NoSATR	No_VFD_Chill	0.00013816	0	6.84362E-09
Eun	W06	75	OAT	9	NoSATR	No_VFD_Chill	0.000152748	0	1.95808E-08
Eun	W07	75	OAT	9	NoSATR	No_VFD_Chill	0.000156885	0	1.34145E-08
Eun	W08	75	OAT	9	NoSATR	No_VFD_Chill	0.000151798	0	-5.11816E-10
Eun	W09	75	OAT	9	NoSATR	No_VFD_Chill	0.000147875	0	1.80515E-09
Eun	W10	75	OAT	9	NoSATR	No_VFD_Chill	0.000132245	0	-4.07614E-10
Eun	W11	75	OAT	9	NoSATR	No_VFD_Chill	0.000102762	0	-7.17155E-10
Eun	W12	75	OAT	9	NoSATR	No_VFD_Chill	0.000114377	0	-5.79241E-10
Eun	W13	75	OAT	9	NoSATR	No_VFD_Chill	0.000113243	0	-3.73902E-10
Eun	W14	75	OAT	9	NoSATR	No_VFD_Chill	0.000106501	0	-4.75039E-10
Eun	W15	75	OAT	9	NoSATR	No_VFD_Chill	9.55594E-05	0	-1.68562E-10
Eun	W16	75	OAT	9	NoSATR	No_VFD_Chill	8.88782E-05	0	-4.07614E-10
Eun	W01	75	OAT	9	OATSATR	No_VFD_Chill	0.000108033	0	2.32248E-08
Eun	W02	75	OAT	9	OATSATR	No_VFD_Chill	0.000109044	0	-1.36382E-09
Eun	W03	75	OAT	9	OATSATR	No_VFD_Chill	0.000129333	0	4.49295E-09
Eun	W04	75	OAT	9	OATSATR	No_VFD_Chill	0.000136689	0	5.04154E-09
Eun	W05	75	OAT	9	OATSATR	No_VFD_Chill	0.000127954	0	6.12953E-09
Eun	W06	75	OAT	9	OATSATR	No_VFD_Chill	0.000141408	0	1.68225E-08
Eun	W07	75	OAT	9	OATSATR	No_VFD_Chill	0.000148733	0	1.22254E-08
Eun	W08	75	OAT	9	OATSATR	No_VFD_Chill	0.000143707	0	-1.12477E-09
Eun	W09	75	OAT	9	OATSATR	No_VFD_Chill	0.000139723	0	1.36382E-09
Eun	W10	75	OAT	9	OATSATR	No_VFD_Chill	0.00012492	0	-7.47803E-10
Eun	W11	75	OAT	9	OATSATR	No_VFD_Chill	9.38431E-05	0	-9.1943E-10
Eun	W12	75	OAT	9	OATSATR	No_VFD_Chill	0.000104723	0	1.08799E-09
Eun	W13	75	OAT	9	OATSATR	No_VFD_Chill	0.000103497	0	-6.46666E-10
Eun	W14	75	OAT	9	OATSATR	No_VFD_Chill	0.000100034	0	-6.46666E-10
Eun	W15	75	OAT	9	OATSATR	No_VFD_Chill	9.25866E-05	0	-1.3485E-10
Eun	W16	75	OAT	9	OATSATR	No_VFD_Chill	8.19519E-05	0	-1.15542E-09
Eun	W01	75	OAT	9	DmdSATR	No_VFD_Chill	0.000101444	0	2.14534E-08
Eun	W02	75	OAT	9	DmdSATR	No_VFD_Chill	0.000105336	0	-8.85717E-10
Eun	W03	75	OAT	9	DmdSATR	No_VFD_Chill	0.00012256	0	5.55336E-09
Eun	W04	75	OAT	9	DmdSATR	No_VFD_Chill	0.000129732	0	8.88782E-09
Eun	W05	75	OAT	9	DmdSATR	No_VFD_Chill	0.000124246	0	5.75563E-09
Eun	W06	75	OAT	9	DmdSATR	No_VFD_Chill	0.000133961	0	1.60042E-08
Eun	W07	75	OAT	9	DmdSATR	No_VFD_Chill	0.000142083	0	1.21579E-08
Eun	W08	75	OAT	9	DmdSATR	No_VFD_Chill	0.000137179	0	-8.18293E-10
Eun	W09	75	OAT	9	DmdSATR	No_VFD_Chill	0.000134543	0	1.49867E-09
Eun	W10	75	OAT	9	DmdSATR	No_VFD_Chill	0.000120568	0	-3.40189E-10
Eun	W11	75	OAT	9	DmdSATR	No_VFD_Chill	8.97977E-05	0	-9.1943E-10
Eun	W12	75	OAT	9	DmdSATR	No_VFD_Chill	0.000100402	0	9.53142E-10
Eun	W13	75	OAT	9	DmdSATR	No_VFD_Chill	9.99114E-05	0	-6.12953E-10
Eun	W14	75	OAT	9	DmdSATR	No_VFD_Chill	9.81032E-05	0	-5.79241E-10
Eun	W15	75	OAT	9	DmdSATR	No_VFD_Chill	8.93073E-05	0	-1.37914E-10
Eun	W16	75	OAT	9	DmdSATR	No_VFD_Chill	8.03582E-05	0	-1.02057E-09
Eun	W01	85	OAT	3	NoSATR	VFD_Chill	0.00016752	0	2.66267E-08
Eun	W02	85	OAT	3	NoSATR	VFD_Chill	0.000149775	0	-6.83443E-10
Eun	W03	85	OAT	3	NoSATR	VFD_Chill	0.000177848	0	4.66457E-09
Eun	W04	85	OAT	3	NoSATR	VFD_Chill	0.000175764	0	7.49029E-09
Eun	W05	85	OAT	3	NoSATR	VFD_Chill	0.000159644	0	5.13961E-09
Eun	W06	85	OAT	3	NoSATR	VFD_Chill	0.000180852	0	1.74692E-08
Eun	W07	85	OAT	3	NoSATR	VFD_Chill	0.000174447	0	1.10669E-08
Eun	W08	85	OAT	3	NoSATR	VFD_Chill	0.000177726	0	-2.72764E-10
Eun	W09	85	OAT	3	NoSATR	VFD_Chill	0.000176071	0	1.70095E-09
Eun	W10	85	OAT	3	NoSATR	VFD_Chill	0.000155108	0	-2.39052E-10
Eun	W11	85	OAT	3	NoSATR	VFD_Chill	0.000131662	0	-3.43254E-10
Eun	W12	85	OAT	3	NoSATR	VFD_Chill	0.000149898	0	-5.08751E-10
Eun	W13	85	OAT	3	NoSATR	VFD_Chill	0.000138681	0	-3.06477E-10
Eun	W14	85	OAT	3	NoSATR	VFD_Chill	0.000128781	0	-2.39052E-10
Eun	W15	85	OAT	3	NoSATR	VFD_Chill	0.00011548	0	-3.37124E-11
Eun	W16	85	OAT	3	NoSATR	VFD_Chill	0.000129517	0	-4.78104E-10
Eun	W01	85	OAT	3	OATSATR	VFD_Chill	0.000145178	0	2.41075E-08
Eun	W02	85	OAT	3	OATSATR	VFD_Chill	0.000138374	0	-4.44391E-10
Eun	W03	85	OAT	3	OATSATR	VFD_Chill	0.00016041	0	4.73506E-09
Eun	W04	85	OAT	3	OATSATR	VFD_Chill	0.000161544	0	7.59449E-09
Eun	W05	85	OAT	3	OATSATR	VFD_Chill	0.000149223	0	5.34495E-09
Eun	W06	85	OAT	3	OATSATR	VFD_Chill	0.000170585	0	1.75703E-08
Eun	W07	85	OAT	3	OATSATR	VFD_Chill	0.000168378	0	1.11006E-08
Eun	W08	85	OAT	3	OATSATR	VFD_Chill	0.000166539	0	-2.72764E-10
Eun	W09	85	OAT	3	OATSATR	VFD_Chill	0.000168133	0	1.73466E-09
Eun	W10	85	OAT	3	OATSATR	VFD_Chill	0.000145852	0	-2.02275E-10
Eun	W11	85	OAT	3	OATSATR	VFD_Chill	0.000118668	0	-3.40189E-10
Eun	W12	85	OAT	3	OATSATR	VFD_Chill	0.000140397	0	-3.73902E-10
Eun	W13	85	OAT	3	OATSATR	VFD_Chill	0.000129119	0	-3.06477E-10
Eun	W14	85	OAT	3	OATSATR	VFD_Chill	0.000121365	0	-2.05339E-10
Eun	W15	85	OAT	3	OATSATR	VFD_Chill	0.000111374	0	-6.74249E-11
Eun	W16	85	OAT	3	OATSATR	VFD_Chill	0.000124338	0	-3.73902E-10
Eun	W01	85	OAT	3	DmdSATR	VFD_Chill	0.000144534	0	2.71753E-08
Eun	W02	85	OAT	3	DmdSATR	VFD_Chill	0.000138252	0	-3.73902E-10
Eun	W03	85	OAT	3	DmdSATR	VFD_Chill	0.000159031	0	4.90363E-09
Eun	W04	85	OAT	3	DmdSATR	VFD_Chill	0.000161207	0	7.32173E-09
Eun	W05	85	OAT	3	DmdSATR	VFD_Chill	0.00014766	0	5.65143E-09



## CHWST Reset db

Eun	W06	85	OAT	3	DmdSATR	VFD_Chill	0.000169451	0	1.78431E-08
Eun	W07	85	OAT	3	DmdSATR	VFD_Chill	0.00016513	0	1.13396E-08
Eun	W08	85	OAT	3	DmdSATR	VFD_Chill	0.000165068	0	-2.02275E-10
Eun	W09	85	OAT	3	DmdSATR	VFD_Chill	0.000164363	0	1.80515E-09
Eun	W10	85	OAT	3	DmdSATR	VFD_Chill	0.00014478	0	-2.05339E-10
Eun	W11	85	OAT	3	DmdSATR	VFD_Chill	0.000119955	0	-2.72764E-10
Eun	W12	85	OAT	3	DmdSATR	VFD_Chill	0.000137485	0	-4.41326E-10
Eun	W13	85	OAT	3	DmdSATR	VFD_Chill	0.000126728	0	-2.39052E-10
Eun	W14	85	OAT	3	DmdSATR	VFD_Chill	0.000120721	0	-1.68562E-10
Eun	W15	85	OAT	3	DmdSATR	VFD_Chill	0.000110086	0	-3.37124E-11
Eun	W16	85	OAT	3	DmdSATR	VFD_Chill	0.000120353	0	-2.39052E-10
Eun	W01	85	OAT	9	NoSATR	VFD_Chill	0.000414387	0	6.96713E-08
Eun	W02	85	OAT	9	NoSATR	VFD_Chill	0.000378989	0	-1.49867E-09
Eun	W03	85	OAT	9	NoSATR	VFD_Chill	0.000454474	0	1.35524E-08
Eun	W04	85	OAT	9	NoSATR	VFD_Chill	0.000446138	0	2.07025E-08
Eun	W05	85	OAT	9	NoSATR	VFD_Chill	0.000404243	0	1.50848E-08
Eun	W06	85	OAT	9	NoSATR	VFD_Chill	0.000468603	0	4.82885E-08
Eun	W07	85	OAT	9	NoSATR	VFD_Chill	0.000454934	0	3.14629E-08
Eun	W08	85	OAT	9	NoSATR	VFD_Chill	0.000462044	0	-8.18293E-10
Eun	W09	85	OAT	9	NoSATR	VFD_Chill	0.000454536	0	5.00476E-09
Eun	W10	85	OAT	9	NoSATR	VFD_Chill	0.000398144	0	-6.80378E-10
Eun	W11	85	OAT	9	NoSATR	VFD_Chill	0.00033219	0	-1.05734E-09
Eun	W12	85	OAT	9	NoSATR	VFD_Chill	0.000378866	0	-5.45528E-10
Eun	W13	85	OAT	9	NoSATR	VFD_Chill	0.000352019	0	-5.42464E-10
Eun	W14	85	OAT	9	NoSATR	VFD_Chill	0.000324651	0	-7.14091E-10
Eun	W15	85	OAT	9	NoSATR	VFD_Chill	0.000302247	0	-1.3485E-10
Eun	W16	85	OAT	9	NoSATR	VFD_Chill	0.000331363	0	-1.29333E-09
Eun	W01	85	OAT	9	OATSATR	VFD_Chill	0.000358731	0	6.14639E-08
Eun	W02	85	OAT	9	OATSATR	VFD_Chill	0.000348678	0	-1.33011E-09
Eun	W03	85	OAT	9	OATSATR	VFD_Chill	0.000408595	0	1.40979E-08
Eun	W04	85	OAT	9	OATSATR	VFD_Chill	0.000410066	0	2.08067E-08
Eun	W05	85	OAT	9	OATSATR	VFD_Chill	0.000376415	0	1.52564E-08
Eun	W06	85	OAT	9	OATSATR	VFD_Chill	0.000440959	0	4.87635E-08
Eun	W07	85	OAT	9	OATSATR	VFD_Chill	0.000436147	0	3.16345E-08
Eun	W08	85	OAT	9	OATSATR	VFD_Chill	0.00043581	0	-8.18293E-10
Eun	W09	85	OAT	9	OATSATR	VFD_Chill	0.000431182	0	5.1059E-09
Eun	W10	85	OAT	9	OATSATR	VFD_Chill	0.000374331	0	-6.46666E-10
Eun	W11	85	OAT	9	OATSATR	VFD_Chill	0.000303565	0	-9.8992E-10
Eun	W12	85	OAT	9	OATSATR	VFD_Chill	0.00035015	0	-1.43125E-09
Eun	W13	85	OAT	9	OATSATR	VFD_Chill	0.00032511	0	-8.52005E-10
Eun	W14	85	OAT	9	OATSATR	VFD_Chill	0.000305619	0	-6.46666E-10
Eun	W15	85	OAT	9	OATSATR	VFD_Chill	0.000290019	0	-1.37914E-10
Eun	W16	85	OAT	9	OATSATR	VFD_Chill	0.0003104	0	-1.08799E-09
Eun	W01	85	OAT	9	DmdSATR	VFD_Chill	0.00035536	0	7.02169E-08
Eun	W02	85	OAT	9	DmdSATR	VFD_Chill	0.000346257	0	-1.02057E-09
Eun	W03	85	OAT	9	DmdSATR	VFD_Chill	0.000403814	0	1.40979E-08
Eun	W04	85	OAT	9	DmdSATR	VFD_Chill	0.000407062	0	2.0773E-08
Eun	W05	85	OAT	9	DmdSATR	VFD_Chill	0.000372645	0	1.61391E-08
Eun	W06	85	OAT	9	DmdSATR	VFD_Chill	0.000436913	0	4.93765E-08
Eun	W07	85	OAT	9	DmdSATR	VFD_Chill	0.000427995	0	3.22138E-08
Eun	W08	85	OAT	9	DmdSATR	VFD_Chill	0.000430722	0	-6.12953E-10
Eun	W09	85	OAT	9	DmdSATR	VFD_Chill	0.000422601	0	5.3143E-09
Eun	W10	85	OAT	9	DmdSATR	VFD_Chill	0.000370837	0	-5.45528E-10
Eun	W11	85	OAT	9	DmdSATR	VFD_Chill	0.000303289	0	-8.18293E-10
Eun	W12	85	OAT	9	DmdSATR	VFD_Chill	0.000346901	0	-1.25962E-09
Eun	W13	85	OAT	9	DmdSATR	VFD_Chill	0.000322965	0	-7.14091E-10
Eun	W14	85	OAT	9	DmdSATR	VFD_Chill	0.000307182	0	-5.08751E-10
Eun	W15	85	OAT	9	DmdSATR	VFD_Chill	0.000287046	0	-1.04202E-10
Eun	W16	85	OAT	9	DmdSATR	VFD_Chill	0.000305741	0	-7.14091E-10
Eun	W01	85	OAT	3	NoSATR	No_VFD_Chill	5.28672E-05	0	7.28801E-09
Eun	W02	85	OAT	3	NoSATR	No_VFD_Chill	4.55118E-05	0	-5.79241E-10
Eun	W03	85	OAT	3	NoSATR	No_VFD_Chill	5.35721E-05	0	1.56916E-09
Eun	W04	85	OAT	3	NoSATR	No_VFD_Chill	5.44915E-05	0	2.72458E-09
Eun	W05	85	OAT	3	NoSATR	No_VFD_Chill	4.89443E-05	0	1.43125E-09
Eun	W06	85	OAT	3	NoSATR	No_VFD_Chill	5.4798E-05	0	5.68514E-09
Eun	W07	85	OAT	3	NoSATR	No_VFD_Chill	5.24075E-05	0	4.01791E-09
Eun	W08	85	OAT	3	NoSATR	No_VFD_Chill	5.28979E-05	0	-2.72764E-10
Eun	W09	85	OAT	3	NoSATR	No_VFD_Chill	5.24382E-05	0	4.41326E-10
Eun	W10	85	OAT	3	NoSATR	No_VFD_Chill	4.80249E-05	0	-2.39052E-10
Eun	W11	85	OAT	3	NoSATR	No_VFD_Chill	4.31826E-05	0	-3.40189E-10
Eun	W12	85	OAT	3	NoSATR	No_VFD_Chill	4.6278E-05	0	-4.78104E-10
Eun	W13	85	OAT	3	NoSATR	No_VFD_Chill	4.23551E-05	0	-2.72764E-10
Eun	W14	85	OAT	3	NoSATR	No_VFD_Chill	4.14356E-05	0	-2.05339E-10
Eun	W15	85	OAT	3	NoSATR	No_VFD_Chill	3.56432E-05	0	-3.37124E-11
Eun	W16	85	OAT	3	NoSATR	No_VFD_Chill	4.24777E-05	0	-5.45528E-10
Eun	W01	85	OAT	3	OATSATR	No_VFD_Chill	4.58489E-05	0	8.27487E-09
Eun	W02	85	OAT	3	OATSATR	No_VFD_Chill	4.2968E-05	0	-3.73902E-10
Eun	W03	85	OAT	3	OATSATR	No_VFD_Chill	4.86378E-05	0	1.63352E-09
Eun	W04	85	OAT	3	OATSATR	No_VFD_Chill	5.02928E-05	0	2.792E-09
Eun	W05	85	OAT	3	OATSATR	No_VFD_Chill	4.71361E-05	0	1.63352E-09
Eun	W06	85	OAT	3	OATSATR	No_VFD_Chill	5.25301E-05	0	5.82306E-09
Eun	W07	85	OAT	3	OATSATR	No_VFD_Chill	5.19784E-05	0	4.05162E-09
Eun	W08	85	OAT	3	OATSATR	No_VFD_Chill	4.91895E-05	0	-2.69699E-10
Eun	W09	85	OAT	3	OATSATR	No_VFD_Chill	5.21317E-05	0	4.75039E-10
Eun	W10	85	OAT	3	OATSATR	No_VFD_Chill	4.5757E-05	0	-2.05339E-10
Eun	W11	85	OAT	3	OATSATR	No_VFD_Chill	3.65627E-05	0	-3.06477E-10
Eun	W12	85	OAT	3	OATSATR	No_VFD_Chill	4.50827E-05	0	-3.73902E-10
Eun	W13	85	OAT	3	OATSATR	No_VFD_Chill	4.05162E-05	0	-2.72764E-10
Eun	W14	85	OAT	3	OATSATR	No_VFD_Chill	3.91984E-05	0	-1.68562E-10
Eun	W15	85	OAT	3	OATSATR	No_VFD_Chill	3.51529E-05	0	-3.37124E-11
Eun	W16	85	OAT	3	OATSATR	No_VFD_Chill	4.25083E-05	0	-4.44391E-10
Eun	W01	85	OAT	3	DmdSATR	No_VFD_Chill	4.59715E-05	0	8.27487E-09
Eun	W02	85	OAT	3	DmdSATR	No_VFD_Chill	4.29067E-05	0	-3.40189E-10
Eun	W03	85	OAT	3	DmdSATR	No_VFD_Chill	4.8454E-05	0	1.73772E-09
Eun	W04	85	OAT	3	DmdSATR	No_VFD_Chill	5.04767E-05	0	2.5223E-09
Eun	W05	85	OAT	3	DmdSATR	No_VFD_Chill	4.62167E-05	0	1.94306E-09
Eun	W06	85	OAT	3	DmdSATR	No_VFD_Chill	5.24075E-05	0	6.09582E-09
Eun	W07	85	OAT	3	DmdSATR	No_VFD_Chill	5.09671E-05	0	4.25696E-09

## CHWST Reset db

Eun	W08	85 OAT	3 DmdSATR	No_VFD_Chill	4.90669E-05	0	-2.05339E-10
Eun	W09	85 OAT	3 DmdSATR	No_VFD_Chill	4.98944E-05	0	5.45528E-10
Eun	W10	85 OAT	3 DmdSATR	No_VFD_Chill	4.53892E-05	0	-2.05339E-10
Eun	W11	85 OAT	3 DmdSATR	No_VFD_Chill	3.79112E-05	0	-2.39052E-10
Eun	W12	85 OAT	3 DmdSATR	No_VFD_Chill	4.24777E-05	0	-3.73902E-10
Eun	W13	85 OAT	3 DmdSATR	No_VFD_Chill	3.83402E-05	0	-2.05339E-10
Eun	W14	85 OAT	3 DmdSATR	No_VFD_Chill	3.84935E-05	0	-1.68562E-10
Eun	W15	85 OAT	3 DmdSATR	No_VFD_Chill	3.49077E-05	0	-3.37124E-11
Eun	W16	85 OAT	3 DmdSATR	No_VFD_Chill	3.91677E-05	0	-3.06477E-10
Eun	W01	85 OAT	9 NoSATR	No_VFD_Chill	0.000126575	0	1.92743E-08
Eun	W02	85 OAT	9 NoSATR	No_VFD_Chill	0.000114745	0	-1.32704E-09
Eun	W03	85 OAT	9 NoSATR	No_VFD_Chill	0.000137516	0	4.56344E-09
Eun	W04	85 OAT	9 NoSATR	No_VFD_Chill	0.000134574	0	7.11639E-09
Eun	W05	85 OAT	9 NoSATR	No_VFD_Chill	0.000121794	0	4.4623E-09
Eun	W06	85 OAT	9 NoSATR	No_VFD_Chill	0.000142665	0	1.58326E-08
Eun	W07	85 OAT	9 NoSATR	No_VFD_Chill	0.000136995	0	1.14438E-08
Eun	W08	85 OAT	9 NoSATR	No_VFD_Chill	0.000137547	0	-8.52005E-10
Eun	W09	85 OAT	9 NoSATR	No_VFD_Chill	0.000133992	0	1.29333E-09
Eun	W10	85 OAT	9 NoSATR	No_VFD_Chill	0.000122223	0	-6.4973E-10
Eun	W11	85 OAT	9 NoSATR	No_VFD_Chill	0.000106286	0	-9.53142E-10
Eun	W12	85 OAT	9 NoSATR	No_VFD_Chill	0.000114377	0	-5.79241E-10
Eun	W13	85 OAT	9 NoSATR	No_VFD_Chill	0.000103589	0	-4.78104E-10
Eun	W14	85 OAT	9 NoSATR	No_VFD_Chill	0.000101995	0	-6.12953E-10
Eun	W15	85 OAT	9 NoSATR	No_VFD_Chill	9.38738E-05	0	-1.01137E-10
Eun	W16	85 OAT	9 NoSATR	No_VFD_Chill	0.000113733	0	-1.5661E-09
Eun	W01	85 OAT	9 OATSATR	No_VFD_Chill	0.000110393	0	2.11469E-08
Eun	W02	85 OAT	9 OATSATR	No_VFD_Chill	0.000107114	0	-1.12477E-09
Eun	W03	85 OAT	9 OATSATR	No_VFD_Chill	0.000124062	0	4.97105E-09
Eun	W04	85 OAT	9 OATSATR	No_VFD_Chill	0.000124184	0	7.18381E-09
Eun	W05	85 OAT	9 OATSATR	No_VFD_Chill	0.000116614	0	4.66457E-09
Eun	W06	85 OAT	9 OATSATR	No_VFD_Chill	0.000135861	0	1.60379E-08
Eun	W07	85 OAT	9 OATSATR	No_VFD_Chill	0.000133072	0	1.1545E-08
Eun	W08	85 OAT	9 OATSATR	No_VFD_Chill	0.000130651	0	-8.4894E-10
Eun	W09	85 OAT	9 OATSATR	No_VFD_Chill	0.000131049	0	1.39447E-09
Eun	W10	85 OAT	9 OATSATR	No_VFD_Chill	0.000116614	0	-6.46666E-10
Eun	W11	85 OAT	9 OATSATR	No_VFD_Chill	9.37206E-05	0	-8.85717E-10
Eun	W12	85 OAT	9 OATSATR	No_VFD_Chill	0.000106776	0	-1.32704E-09
Eun	W13	85 OAT	9 OATSATR	No_VFD_Chill	9.63869E-05	0	-7.47803E-10
Eun	W14	85 OAT	9 OATSATR	No_VFD_Chill	9.61417E-05	0	-5.42464E-10
Eun	W15	85 OAT	9 OATSATR	No_VFD_Chill	9.09929E-05	0	-1.37914E-10
Eun	W16	85 OAT	9 OATSATR	No_VFD_Chill	0.000105459	0	-1.32704E-09
Eun	W01	85 OAT	9 DmdSATR	No_VFD_Chill	0.000108554	0	2.15882E-08
Eun	W02	85 OAT	9 DmdSATR	No_VFD_Chill	0.00010457	0	-8.85717E-10
Eun	W03	85 OAT	9 DmdSATR	No_VFD_Chill	0.000122039	0	5.00783E-09
Eun	W04	85 OAT	9 DmdSATR	No_VFD_Chill	0.000122376	0	7.11945E-09
Eun	W05	85 OAT	9 DmdSATR	No_VFD_Chill	0.000114071	0	5.51658E-09
Eun	W06	85 OAT	9 DmdSATR	No_VFD_Chill	0.000134206	0	1.69236E-08
Eun	W07	85 OAT	9 DmdSATR	No_VFD_Chill	0.000130743	0	1.20905E-08
Eun	W08	85 OAT	9 DmdSATR	No_VFD_Chill	0.00012869	0	-6.12953E-10
Eun	W09	85 OAT	9 DmdSATR	No_VFD_Chill	0.000126023	0	1.60287E-09
Eun	W10	85 OAT	9 DmdSATR	No_VFD_Chill	0.000114653	0	-5.11816E-10
Eun	W11	85 OAT	9 DmdSATR	No_VFD_Chill	9.34754E-05	0	-7.17155E-10
Eun	W12	85 OAT	9 DmdSATR	No_VFD_Chill	0.000104079	0	-1.12477E-09
Eun	W13	85 OAT	9 DmdSATR	No_VFD_Chill	9.4548E-05	0	-6.12953E-10
Eun	W14	85 OAT	9 DmdSATR	No_VFD_Chill	9.76435E-05	0	-4.41326E-10
Eun	W15	85 OAT	9 DmdSATR	No_VFD_Chill	9.07171E-05	0	-1.01137E-10
Eun	W16	85 OAT	9 DmdSATR	No_VFD_Chill	0.000102241	0	-9.1943E-10
Eun	W01	96 OAT	3 NoSATR	VFD_Chill	0.000136811	0	2.45181E-08
Eun	W02	96 OAT	3 NoSATR	VFD_Chill	0.000127678	0	-3.06477E-10
Eun	W03	96 OAT	3 NoSATR	VFD_Chill	0.000153698	0	4.42859E-09
Eun	W04	96 OAT	3 NoSATR	VFD_Chill	0.00015428	0	6.7762E-09
Eun	W05	96 OAT	3 NoSATR	VFD_Chill	0.000140152	0	5.2101E-09
Eun	W06	96 OAT	3 NoSATR	VFD_Chill	0.000155935	0	1.64792E-08
Eun	W07	96 OAT	3 NoSATR	VFD_Chill	0.000153851	0	1.05213E-08
Eun	W08	96 OAT	3 NoSATR	VFD_Chill	0.000156977	0	-1.71627E-10
Eun	W09	96 OAT	3 NoSATR	VFD_Chill	0.000153698	0	1.6703E-09
Eun	W10	96 OAT	3 NoSATR	VFD_Chill	0.00013626	0	-1.71627E-10
Eun	W11	96 OAT	3 NoSATR	VFD_Chill	0.000101658	0	-2.05339E-10
Eun	W12	96 OAT	3 NoSATR	VFD_Chill	0.000120537	0	-3.06477E-10
Eun	W13	96 OAT	3 NoSATR	VFD_Chill	0.000114224	0	-2.35987E-10
Eun	W14	96 OAT	3 NoSATR	VFD_Chill	9.93904E-05	0	-1.37914E-10
Eun	W15	96 OAT	3 NoSATR	VFD_Chill	9.40883E-05	0	-3.37124E-11
Eun	W16	96 OAT	3 NoSATR	VFD_Chill	9.01654E-05	0	-2.02275E-10
Eun	W01	96 OAT	3 OATSATR	VFD_Chill	0.000117656	0	2.11806E-08
Eun	W02	96 OAT	3 OATSATR	VFD_Chill	0.000116676	0	-3.40189E-10
Eun	W03	96 OAT	3 OATSATR	VFD_Chill	0.000136903	0	4.49601E-09
Eun	W04	96 OAT	3 OATSATR	VFD_Chill	0.000140055	0	6.80991E-09
Eun	W05	96 OAT	3 OATSATR	VFD_Chill	0.000126943	0	5.28059E-09
Eun	W06	96 OAT	3 OATSATR	VFD_Chill	0.000143646	0	1.65835E-08
Eun	W07	96 OAT	3 OATSATR	VFD_Chill	0.000145147	0	1.05581E-08
Eun	W08	96 OAT	3 OATSATR	VFD_Chill	0.000144872	0	-1.71627E-10
Eun	W09	96 OAT	3 OATSATR	VFD_Chill	0.000140765	0	1.73772E-09
Eun	W10	96 OAT	3 OATSATR	VFD_Chill	0.000126697	0	-1.3485E-10
Eun	W11	96 OAT	3 OATSATR	VFD_Chill	9.16672E-05	0	-2.05339E-10
Eun	W12	96 OAT	3 OATSATR	VFD_Chill	0.000108646	0	-3.06477E-10
Eun	W13	96 OAT	3 OATSATR	VFD_Chill	0.000102976	0	-7.50868E-10
Eun	W14	96 OAT	3 OATSATR	VFD_Chill	9.06864E-05	0	-1.3485E-10
Eun	W15	96 OAT	3 OATSATR	VFD_Chill	8.84798E-05	0	-3.37124E-11
Eun	W16	96 OAT	3 OATSATR	VFD_Chill	8.33004E-05	0	-1.71627E-10
Eun	W01	96 OAT	3 DmdSATR	VFD_Chill	0.000117871	0	2.47909E-08
Eun	W02	96 OAT	3 DmdSATR	VFD_Chill	0.000116829	0	-2.72764E-10
Eun	W03	96 OAT	3 DmdSATR	VFD_Chill	0.000136535	0	4.59715E-09
Eun	W04	96 OAT	3 DmdSATR	VFD_Chill	0.000140029	0	6.91105E-09
Eun	W05	96 OAT	3 DmdSATR	VFD_Chill	0.000127739	0	5.41238E-09
Eun	W06	96 OAT	3 DmdSATR	VFD_Chill	0.000142849	0	1.67214E-08
Eun	W07	96 OAT	3 DmdSATR	VFD_Chill	0.00014242	0	1.07267E-08
Eun	W08	96 OAT	3 DmdSATR	VFD_Chill	0.000143829	0	-1.37914E-10
Eun	W09	96 OAT	3 DmdSATR	VFD_Chill	0.000140887	0	1.73466E-09

## CHWST Reset db

Eun	W10	96	OAT	3	DmdSATR	VFD_Chill	0.000126667	0	-1.37914E-10
Eun	W11	96	OAT	3	DmdSATR	VFD_Chill	9.32302E-05	0	-1.71627E-10
Eun	W12	96	OAT	3	DmdSATR	VFD_Chill	0.000109657	0	-2.72764E-10
Eun	W13	96	OAT	3	DmdSATR	VFD_Chill	0.000103957	0	-6.74249E-11
Eun	W14	96	OAT	3	DmdSATR	VFD_Chill	9.18204E-05	0	-1.01137E-10
Eun	W15	96	OAT	3	DmdSATR	VFD_Chill	8.7683E-05	0	-3.37124E-11
Eun	W16	96	OAT	3	DmdSATR	VFD_Chill	8.43117E-05	0	-1.01137E-10
Eun	W01	96	OAT	9	NoSATR	VFD_Chill	0.000342978	0	6.4121E-08
Eun	W02	96	OAT	9	NoSATR	VFD_Chill	0.00032082	0	-9.86855E-10
Eun	W03	96	OAT	9	NoSATR	VFD_Chill	0.000393976	0	1.2872E-08
Eun	W04	96	OAT	9	NoSATR	VFD_Chill	0.000393332	0	1.9308E-08
Eun	W05	96	OAT	9	NoSATR	VFD_Chill	0.000357444	0	1.47477E-08
Eun	W06	96	OAT	9	NoSATR	VFD_Chill	0.000404886	0	4.57999E-08
Eun	W07	96	OAT	9	NoSATR	VFD_Chill	0.000401423	0	2.98631E-08
Eun	W08	96	OAT	9	NoSATR	VFD_Chill	0.000407124	0	-5.11816E-10
Eun	W09	96	OAT	9	NoSATR	VFD_Chill	0.000398297	0	4.97412E-09
Eun	W10	96	OAT	9	NoSATR	VFD_Chill	0.000349383	0	-4.44391E-10
Eun	W11	96	OAT	9	NoSATR	VFD_Chill	0.000257992	0	-6.12953E-10
Eun	W12	96	OAT	9	NoSATR	VFD_Chill	0.000305343	0	-9.53142E-10
Eun	W13	96	OAT	9	NoSATR	VFD_Chill	0.00029385	0	-4.75039E-10
Eun	W14	96	OAT	9	NoSATR	VFD_Chill	0.000251372	0	-4.07614E-10
Eun	W15	96	OAT	9	NoSATR	VFD_Chill	0.000245886	0	-6.74249E-11
Eun	W16	96	OAT	9	NoSATR	VFD_Chill	0.00022713	0	-5.42464E-10
Eun	W01	96	OAT	9	OATSATR	VFD_Chill	0.000290693	0	5.41422E-08
Eun	W02	96	OAT	9	OATSATR	VFD_Chill	0.000291643	0	-1.02057E-09
Eun	W03	96	OAT	9	OATSATR	VFD_Chill	0.000348157	0	1.30436E-08
Eun	W04	96	OAT	9	OATSATR	VFD_Chill	0.000358823	0	1.93417E-08
Eun	W05	96	OAT	9	OATSATR	VFD_Chill	0.000323946	0	1.48488E-08
Eun	W06	96	OAT	9	OATSATR	VFD_Chill	0.000370193	0	4.60052E-08
Eun	W07	96	OAT	9	OATSATR	VFD_Chill	0.000378376	0	3.0001E-08
Eun	W08	96	OAT	9	OATSATR	VFD_Chill	0.000376231	0	-5.11816E-10
Eun	W09	96	OAT	9	OATSATR	VFD_Chill	0.000367833	0	5.07219E-09
Eun	W10	96	OAT	9	OATSATR	VFD_Chill	0.00032603	0	-4.41326E-10
Eun	W11	96	OAT	9	OATSATR	VFD_Chill	0.000232401	0	-6.12953E-10
Eun	W12	96	OAT	9	OATSATR	VFD_Chill	0.000274021	0	-9.1943E-10
Eun	W13	96	OAT	9	OATSATR	VFD_Chill	0.000264826	0	-8.85717E-10
Eun	W14	96	OAT	9	OATSATR	VFD_Chill	0.000231237	0	-4.07614E-10
Eun	W15	96	OAT	9	OATSATR	VFD_Chill	0.000232646	0	-6.74249E-11
Eun	W16	96	OAT	9	OATSATR	VFD_Chill	0.000210212	0	-5.11816E-10
Eun	W01	96	OAT	9	DmdSATR	VFD_Chill	0.0002929	0	6.40873E-08
Eun	W02	96	OAT	9	DmdSATR	VFD_Chill	0.000292716	0	-7.50868E-10
Eun	W03	96	OAT	9	DmdSATR	VFD_Chill	0.00034923	0	1.33808E-08
Eun	W04	96	OAT	9	DmdSATR	VFD_Chill	0.000358149	0	1.96482E-08
Eun	W05	96	OAT	9	DmdSATR	VFD_Chill	0.000324804	0	1.53238E-08
Eun	W06	96	OAT	9	DmdSATR	VFD_Chill	0.000369703	0	4.63485E-08
Eun	W07	96	OAT	9	DmdSATR	VFD_Chill	0.000370714	0	3.04117E-08
Eun	W08	96	OAT	9	DmdSATR	VFD_Chill	0.000373626	0	-4.10679E-10
Eun	W09	96	OAT	9	DmdSATR	VFD_Chill	0.000364952	0	5.2101E-09
Eun	W10	96	OAT	9	DmdSATR	VFD_Chill	0.000324375	0	-3.40189E-10
Eun	W11	96	OAT	9	DmdSATR	VFD_Chill	0.00023519	0	-4.78104E-10
Eun	W12	96	OAT	9	DmdSATR	VFD_Chill	0.000275982	0	-7.81515E-10
Eun	W13	96	OAT	9	DmdSATR	VFD_Chill	0.000267554	0	-4.07614E-10
Eun	W14	96	OAT	9	DmdSATR	VFD_Chill	0.000233351	0	-3.06477E-10
Eun	W15	96	OAT	9	DmdSATR	VFD_Chill	0.000229735	0	-6.74249E-11
Eun	W16	96	OAT	9	DmdSATR	VFD_Chill	0.000213338	0	-2.72764E-10
Eun	W01	96	OAT	3	NoSATR	No_VFD_Chill	4.04243E-05	0	6.53715E-09
Eun	W02	96	OAT	3	NoSATR	No_VFD_Chill	3.84628E-05	0	-2.72764E-10
Eun	W03	96	OAT	3	NoSATR	No_VFD_Chill	4.5144E-05	0	1.53238E-09
Eun	W04	96	OAT	3	NoSATR	No_VFD_Chill	4.70748E-05	0	2.28019E-09
Eun	W05	96	OAT	3	NoSATR	No_VFD_Chill	4.24164E-05	0	1.77143E-09
Eun	W06	96	OAT	3	NoSATR	No_VFD_Chill	4.5665E-05	0	5.34495E-09
Eun	W07	96	OAT	3	NoSATR	No_VFD_Chill	4.53585E-05	0	3.77886E-09
Eun	W08	96	OAT	3	NoSATR	No_VFD_Chill	4.69216E-05	0	-2.05339E-10
Eun	W09	96	OAT	3	NoSATR	No_VFD_Chill	4.56037E-05	0	5.11816E-10
Eun	W10	96	OAT	3	NoSATR	No_VFD_Chill	4.15889E-05	0	-1.3485E-10
Eun	W11	96	OAT	3	NoSATR	No_VFD_Chill	3.03718E-05	0	-1.68562E-10
Eun	W12	96	OAT	3	NoSATR	No_VFD_Chill	3.65933E-05	0	-3.06477E-10
Eun	W13	96	OAT	3	NoSATR	No_VFD_Chill	3.35592E-05	0	-2.02275E-10
Eun	W14	96	OAT	3	NoSATR	No_VFD_Chill	3.07396E-05	0	-1.01137E-10
Eun	W15	96	OAT	3	NoSATR	No_VFD_Chill	2.82878E-05	0	0
Eun	W16	96	OAT	3	NoSATR	No_VFD_Chill	2.63876E-05	0	-2.72764E-10
Eun	W01	96	OAT	3	OATSATR	No_VFD_Chill	3.63788E-05	0	7.18381E-09
Eun	W02	96	OAT	3	OATSATR	No_VFD_Chill	3.6011E-05	0	-3.06477E-10
Eun	W03	96	OAT	3	OATSATR	No_VFD_Chill	4.1405E-05	0	1.59981E-09
Eun	W04	96	OAT	3	OATSATR	No_VFD_Chill	4.32439E-05	0	2.28019E-09
Eun	W05	96	OAT	3	OATSATR	No_VFD_Chill	3.88919E-05	0	1.80515E-09
Eun	W06	96	OAT	3	OATSATR	No_VFD_Chill	4.29067E-05	0	5.41544E-09
Eun	W07	96	OAT	3	OATSATR	No_VFD_Chill	4.3489E-05	0	3.84628E-09
Eun	W08	96	OAT	3	OATSATR	No_VFD_Chill	4.34277E-05	0	-1.68562E-10
Eun	W09	96	OAT	3	OATSATR	No_VFD_Chill	4.13743E-05	0	5.08751E-10
Eun	W10	96	OAT	3	OATSATR	No_VFD_Chill	3.91984E-05	0	-1.71627E-10
Eun	W11	96	OAT	3	OATSATR	No_VFD_Chill	2.73684E-05	0	-1.71627E-10
Eun	W12	96	OAT	3	OATSATR	No_VFD_Chill	3.30995E-05	0	-3.06477E-10
Eun	W13	96	OAT	3	OATSATR	No_VFD_Chill	3.03105E-05	0	-6.4973E-10
Eun	W14	96	OAT	3	OATSATR	No_VFD_Chill	2.77055E-05	0	-1.04202E-10
Eun	W15	96	OAT	3	OATSATR	No_VFD_Chill	2.68167E-05	0	0
Eun	W16	96	OAT	3	OATSATR	No_VFD_Chill	2.44262E-05	0	-2.69699E-10
Eun	W01	96	OAT	3	DmdSATR	No_VFD_Chill	3.6011E-05	0	7.32173E-09
Eun	W02	96	OAT	3	DmdSATR	No_VFD_Chill	3.54593E-05	0	-2.35987E-10
Eun	W03	96	OAT	3	DmdSATR	No_VFD_Chill	4.08227E-05	0	1.70401E-09
Eun	W04	96	OAT	3	DmdSATR	No_VFD_Chill	4.26615E-05	0	2.38439E-09
Eun	W05	96	OAT	3	DmdSATR	No_VFD_Chill	3.91984E-05	0	1.94306E-09
Eun	W06	96	OAT	3	DmdSATR	No_VFD_Chill	4.23857E-05	0	5.61772E-09
Eun	W07	96	OAT	3	DmdSATR	No_VFD_Chill	4.2539E-05	0	3.9842E-09
Eun	W08	96	OAT	3	DmdSATR	No_VFD_Chill	4.28761E-05	0	-1.3485E-10
Eun	W09	96	OAT	3	DmdSATR	No_VFD_Chill	4.22325E-05	0	5.76176E-10
Eun	W10	96	OAT	3	DmdSATR	No_VFD_Chill	3.91371E-05	0	-1.04202E-10
Eun	W11	96	OAT	3	DmdSATR	No_VFD_Chill	2.81039E-05	0	-1.71627E-10

## CHWST Reset db

Eun	W12	96	OAT	3	DmdSATR	No_VFD_Chill	3.37124E-05	0	-2.35987E-10
Eun	W13	96	OAT	3	DmdSATR	No_VFD_Chill	3.06477E-05	0	-7.04896E-11
Eun	W14	96	OAT	3	DmdSATR	No_VFD_Chill	2.85943E-05	0	-1.01137E-10
Eun	W15	96	OAT	3	DmdSATR	No_VFD_Chill	2.63876E-05	0	0
Eun	W16	96	OAT	3	DmdSATR	No_VFD_Chill	2.45794E-05	0	-1.71627E-10
Eun	W01	96	OAT	9	NoSATR	No_VFD_Chill	9.95743E-05	0	1.7365E-08
Eun	W02	96	OAT	9	NoSATR	No_VFD_Chill	9.29237E-05	0	-9.1943E-10
Eun	W03	96	OAT	9	NoSATR	No_VFD_Chill	0.000115971	0	4.4623E-09
Eun	W04	96	OAT	9	NoSATR	No_VFD_Chill	0.000116798	0	6.46972E-09
Eun	W05	96	OAT	9	NoSATR	No_VFD_Chill	0.000107236	0	4.80249E-09
Eun	W06	96	OAT	9	NoSATR	No_VFD_Chill	0.000118208	0	1.48794E-08
Eun	W07	96	OAT	9	NoSATR	No_VFD_Chill	0.000117626	0	1.08615E-08
Eun	W08	96	OAT	9	NoSATR	No_VFD_Chill	0.00011974	0	-5.79241E-10
Eun	W09	96	OAT	9	NoSATR	No_VFD_Chill	0.000117289	0	1.43125E-09
Eun	W10	96	OAT	9	NoSATR	No_VFD_Chill	0.000104417	0	-4.41326E-10
Eun	W11	96	OAT	9	NoSATR	No_VFD_Chill	7.43819E-05	0	-5.45528E-10
Eun	W12	96	OAT	9	NoSATR	No_VFD_Chill	8.9859E-05	0	-8.82653E-10
Eun	W13	96	OAT	9	NoSATR	No_VFD_Chill	8.45263E-05	0	-4.07614E-10
Eun	W14	96	OAT	9	NoSATR	No_VFD_Chill	7.49642E-05	0	-3.40189E-10
Eun	W15	96	OAT	9	NoSATR	No_VFD_Chill	7.30334E-05	0	-7.04896E-11
Eun	W16	96	OAT	9	NoSATR	No_VFD_Chill	6.48811E-05	0	-8.18293E-10
Eun	W01	96	OAT	9	OATSATR	No_VFD_Chill	8.59973E-05	0	1.83212E-08
Eun	W02	96	OAT	9	OATSATR	No_VFD_Chill	8.58135E-05	0	-8.85177E-10
Eun	W03	96	OAT	9	OATSATR	No_VFD_Chill	0.000103558	0	4.56344E-09
Eun	W04	96	OAT	9	OATSATR	No_VFD_Chill	0.000107788	0	6.50343E-09
Eun	W05	96	OAT	9	OATSATR	No_VFD_Chill	9.86548E-05	0	4.90363E-09
Eun	W06	96	OAT	9	OATSATR	No_VFD_Chill	0.000108064	0	1.51216E-08
Eun	W07	96	OAT	9	OATSATR	No_VFD_Chill	0.000112416	0	1.09657E-08
Eun	W08	96	OAT	9	OATSATR	No_VFD_Chill	0.000110822	0	-5.45528E-10
Eun	W09	96	OAT	9	OATSATR	No_VFD_Chill	0.000109075	0	1.49867E-09
Eun	W10	96	OAT	9	OATSATR	No_VFD_Chill	9.97275E-05	0	-4.44391E-10
Eun	W11	96	OAT	9	OATSATR	No_VFD_Chill	6.65054E-05	0	-5.45528E-10
Eun	W12	96	OAT	9	OATSATR	No_VFD_Chill	7.97759E-05	0	-8.18293E-10
Eun	W13	96	OAT	9	OATSATR	No_VFD_Chill	7.56997E-05	0	-7.8458E-10
Eun	W14	96	OAT	9	OATSATR	No_VFD_Chill	6.9325E-05	0	-3.40189E-10
Eun	W15	96	OAT	9	OATSATR	No_VFD_Chill	7.0367E-05	0	-6.74249E-11
Eun	W16	96	OAT	9	OATSATR	No_VFD_Chill	6.04678E-05	0	-7.81515E-10
Eun	W01	96	OAT	9	DmdSATR	No_VFD_Chill	8.66716E-05	0	1.89341E-08
Eun	W02	96	OAT	9	DmdSATR	No_VFD_Chill	8.4894E-05	0	-6.46666E-10
Eun	W03	96	OAT	9	DmdSATR	No_VFD_Chill	0.000104263	0	4.86991E-09
Eun	W04	96	OAT	9	DmdSATR	No_VFD_Chill	0.000106654	0	6.80991E-09
Eun	W05	96	OAT	9	DmdSATR	No_VFD_Chill	9.79806E-05	0	5.34802E-09
Eun	W06	96	OAT	9	DmdSATR	No_VFD_Chill	0.000108186	0	1.55966E-08
Eun	W07	96	OAT	9	DmdSATR	No_VFD_Chill	0.000109259	0	1.13396E-08
Eun	W08	96	OAT	9	DmdSATR	No_VFD_Chill	0.000109596	0	-4.07614E-10
Eun	W09	96	OAT	9	DmdSATR	No_VFD_Chill	0.000108002	0	1.66723E-09
Eun	W10	96	OAT	9	DmdSATR	No_VFD_Chill	9.77354E-05	0	-3.73902E-10
Eun	W11	96	OAT	9	DmdSATR	No_VFD_Chill	6.71184E-05	0	-4.44391E-10
Eun	W12	96	OAT	9	DmdSATR	No_VFD_Chill	8.07566E-05	0	-6.80378E-10
Eun	W13	96	OAT	9	DmdSATR	No_VFD_Chill	7.70176E-05	0	-3.76966E-10
Eun	W14	96	OAT	9	DmdSATR	No_VFD_Chill	7.08268E-05	0	-2.72764E-10
Eun	W15	96	OAT	9	DmdSATR	No_VFD_Chill	6.83443E-05	0	-3.37124E-11
Eun	W16	96	OAT	9	DmdSATR	No_VFD_Chill	6.15099E-05	0	-5.45528E-10
Eun	W01	3	OAT	3	NoSATR	VFD_Chill	9.75209E-05	0	2.016E-08
Eun	W02	3	OAT	3	NoSATR	VFD_Chill	8.52005E-05	0	-2.39052E-10
Eun	W03	3	OAT	3	NoSATR	VFD_Chill	0.000113151	0	3.37124E-09
Eun	W04	3	OAT	3	NoSATR	VFD_Chill	0.000112385	0	5.24382E-09
Eun	W05	3	OAT	3	NoSATR	VFD_Chill	9.98807E-05	0	3.81257E-09
Eun	W06	3	OAT	3	NoSATR	VFD_Chill	0.000124184	0	1.2872E-08
Eun	W07	3	OAT	3	NoSATR	VFD_Chill	0.000122683	0	8.24116E-09
Eun	W08	3	OAT	3	NoSATR	VFD_Chill	0.000122805	0	-1.3485E-10
Eun	W09	3	OAT	3	NoSATR	VFD_Chill	0.000120231	0	1.29333E-09
Eun	W10	3	OAT	3	NoSATR	VFD_Chill	9.38125E-05	0	-1.3485E-10
Eun	W11	3	OAT	3	NoSATR	VFD_Chill	7.22059E-05	0	-1.68562E-10
Eun	W12	3	OAT	3	NoSATR	VFD_Chill	8.55683E-05	0	3.37124E-11
Eun	W13	3	OAT	3	NoSATR	VFD_Chill	8.36988E-05	0	-1.71627E-10
Eun	W14	3	OAT	3	NoSATR	VFD_Chill	7.05203E-05	0	-1.01137E-10
Eun	W15	3	OAT	3	NoSATR	VFD_Chill	6.90798E-05	0	0
Eun	W16	3	OAT	3	NoSATR	VFD_Chill	6.62296E-05	0	-1.71627E-10
Eun	W01	3	OAT	3	OATSATR	VFD_Chill	8.18906E-05	0	1.5189E-08
Eun	W02	3	OAT	3	OATSATR	VFD_Chill	7.75079E-05	0	-3.06477E-10
Eun	W03	3	OAT	3	OATSATR	VFD_Chill	9.93291E-05	0	3.40496E-09
Eun	W04	3	OAT	3	OATSATR	VFD_Chill	0.000102118	0	5.2101E-09
Eun	W05	3	OAT	3	OATSATR	VFD_Chill	9.01041E-05	0	3.81257E-09
Eun	W06	3	OAT	3	OATSATR	VFD_Chill	0.000114806	0	1.29394E-08
Eun	W07	3	OAT	3	OATSATR	VFD_Chill	0.000115327	0	8.24116E-09
Eun	W08	3	OAT	3	OATSATR	VFD_Chill	0.000115113	0	-1.37914E-10
Eun	W09	3	OAT	3	OATSATR	VFD_Chill	0.000112048	0	1.29333E-09
Eun	W10	3	OAT	3	OATSATR	VFD_Chill	8.69781E-05	0	-1.3485E-10
Eun	W11	3	OAT	3	OATSATR	VFD_Chill	6.53715E-05	0	-1.71627E-10
Eun	W12	3	OAT	3	OATSATR	VFD_Chill	7.72628E-05	0	-2.39052E-10
Eun	W13	3	OAT	3	OATSATR	VFD_Chill	7.6374E-05	0	-1.71627E-10
Eun	W14	3	OAT	3	OATSATR	VFD_Chill	6.46053E-05	0	-1.04202E-10
Eun	W15	3	OAT	3	OATSATR	VFD_Chill	6.54941E-05	0	-3.37124E-11
Eun	W16	3	OAT	3	OATSATR	VFD_Chill	6.15712E-05	0	-1.37914E-10
Eun	W01	3	OAT	3	DmdSATR	VFD_Chill	8.08179E-05	0	1.83886E-08
Eun	W02	3	OAT	3	DmdSATR	VFD_Chill	7.72321E-05	0	-1.68562E-10
Eun	W03	3	OAT	3	DmdSATR	VFD_Chill	9.86855E-05	0	3.43867E-09
Eun	W04	3	OAT	3	DmdSATR	VFD_Chill	0.00010175	0	5.31124E-09
Eun	W05	3	OAT	3	DmdSATR	VFD_Chill	8.90621E-05	0	3.95048E-09
Eun	W06	3	OAT	3	DmdSATR	VFD_Chill	0.000113366	0	1.30436E-08
Eun	W07	3	OAT	3	DmdSATR	VFD_Chill	0.00011214	0	8.37601E-09
Eun	W08	3	OAT	3	DmdSATR	VFD_Chill	0.000112998	0	-1.01137E-10
Eun	W09	3	OAT	3	DmdSATR	VFD_Chill	0.000109627	0	1.36076E-09
Eun	W10	3	OAT	3	DmdSATR	VFD_Chill	8.67635E-05	0	-6.74249E-11
Eun	W11	3	OAT	3	DmdSATR	VFD_Chill	6.52489E-05	0	-1.37914E-10
Eun	W12	3	OAT	3	DmdSATR	VFD_Chill	7.70176E-05	0	-2.05339E-10
Eun	W13	3	OAT	3	DmdSATR	VFD_Chill	7.5761E-05	0	-3.67772E-11

## CHWST Reset db

Eun	W14	3	OAT	3	DmdSATR	VFD_Chill	6.50037E-05	0	-1.01137E-10
Eun	W15	3	OAT	3	DmdSATR	VFD_Chill	6.45746E-05	0	0
Eun	W16	3	OAT	3	DmdSATR	VFD_Chill	6.25825E-05	0	-1.01137E-10
Eun	W01	3	OAT	9	NoSATR	VFD_Chill	0.000247204	0	5.26466E-08
Eun	W02	3	OAT	9	NoSATR	VFD_Chill	0.000214595	0	-7.14091E-10
Eun	W03	3	OAT	9	NoSATR	VFD_Chill	0.000286801	0	9.80725E-09
Eun	W04	3	OAT	9	NoSATR	VFD_Chill	0.000288456	0	1.48825E-08
Eun	W05	3	OAT	9	NoSATR	VFD_Chill	0.000254559	0	1.08615E-08
Eun	W06	3	OAT	9	NoSATR	VFD_Chill	0.000320881	0	3.56555E-08
Eun	W07	3	OAT	9	NoSATR	VFD_Chill	0.000319594	0	2.34301E-08
Eun	W08	3	OAT	9	NoSATR	VFD_Chill	0.000319502	0	-4.41326E-10
Eun	W09	3	OAT	9	NoSATR	VFD_Chill	0.000310614	0	3.77886E-09
Eun	W10	3	OAT	9	NoSATR	VFD_Chill	0.000238837	0	-3.73902E-10
Eun	W11	3	OAT	9	NoSATR	VFD_Chill	0.000183242	0	-4.75039E-10
Eun	W12	3	OAT	9	NoSATR	VFD_Chill	0.000217874	0	-2.72764E-10
Eun	W13	3	OAT	9	NoSATR	VFD_Chill	0.000216311	0	-6.4973E-10
Eun	W14	3	OAT	9	NoSATR	VFD_Chill	0.00018027	0	-3.40189E-10
Eun	W15	3	OAT	9	NoSATR	VFD_Chill	0.000182997	0	-3.37124E-11
Eun	W16	3	OAT	9	NoSATR	VFD_Chill	0.000166785	0	-5.11816E-10
Eun	W01	3	OAT	9	OATSATR	VFD_Chill	0.000204236	0	3.88888E-08
Eun	W02	3	OAT	9	OATSATR	VFD_Chill	0.000192314	0	-7.50868E-10
Eun	W03	3	OAT	9	OATSATR	VFD_Chill	0.000251832	0	9.84096E-09
Eun	W04	3	OAT	9	OATSATR	VFD_Chill	0.000260934	0	1.48457E-08
Eun	W05	3	OAT	9	OATSATR	VFD_Chill	0.000228662	0	1.08615E-08
Eun	W06	3	OAT	9	OATSATR	VFD_Chill	0.000295719	0	3.58915E-08
Eun	W07	3	OAT	9	OATSATR	VFD_Chill	0.000300071	0	2.34608E-08
Eun	W08	3	OAT	9	OATSATR	VFD_Chill	0.000296945	0	-4.44391E-10
Eun	W09	3	OAT	9	OATSATR	VFD_Chill	0.00028772	0	3.81563E-09
Eun	W10	3	OAT	9	OATSATR	VFD_Chill	0.000221062	0	-3.73902E-10
Eun	W11	3	OAT	9	OATSATR	VFD_Chill	0.000164517	0	-4.78104E-10
Eun	W12	3	OAT	9	OATSATR	VFD_Chill	0.000195869	0	-7.17155E-10
Eun	W13	3	OAT	9	OATSATR	VFD_Chill	0.000196758	0	-6.12953E-10
Eun	W14	3	OAT	9	OATSATR	VFD_Chill	0.000165681	0	-3.40189E-10
Eun	W15	3	OAT	9	OATSATR	VFD_Chill	0.000170861	0	-6.74249E-11
Eun	W16	3	OAT	9	OATSATR	VFD_Chill	0.000154648	0	-4.78104E-10
Eun	W01	3	OAT	9	DmdSATR	VFD_Chill	0.00020252	0	4.74702E-08
Eun	W02	3	OAT	9	DmdSATR	VFD_Chill	0.000192222	0	-4.41326E-10
Eun	W03	3	OAT	9	DmdSATR	VFD_Chill	0.000248307	0	1.008E-08
Eun	W04	3	OAT	9	DmdSATR	VFD_Chill	0.000260168	0	1.51185E-08
Eun	W05	3	OAT	9	DmdSATR	VFD_Chill	0.000227559	0	1.13396E-08
Eun	W06	3	OAT	9	DmdSATR	VFD_Chill	0.000291092	0	3.61642E-08
Eun	W07	3	OAT	9	DmdSATR	VFD_Chill	0.000292379	0	2.37673E-08
Eun	W08	3	OAT	9	DmdSATR	VFD_Chill	0.000293145	0	-3.40189E-10
Eun	W09	3	OAT	9	DmdSATR	VFD_Chill	0.000283001	0	4.01791E-09
Eun	W10	3	OAT	9	DmdSATR	VFD_Chill	0.000219652	0	-2.35987E-10
Eun	W11	3	OAT	9	DmdSATR	VFD_Chill	0.000165589	0	-3.73902E-10
Eun	W12	3	OAT	9	DmdSATR	VFD_Chill	0.000196022	0	-6.46666E-10
Eun	W13	3	OAT	9	DmdSATR	VFD_Chill	0.000195134	0	-3.76966E-10
Eun	W14	3	OAT	9	DmdSATR	VFD_Chill	0.00016516	0	-2.72764E-10
Eun	W15	3	OAT	9	DmdSATR	VFD_Chill	0.000170156	0	-3.37124E-11
Eun	W16	3	OAT	9	DmdSATR	VFD_Chill	0.00015523	0	-2.72764E-10
Eun	W01	3	OAT	3	NoSATR	No_VFD_Chill	2.70006E-05	0	5.51658E-09
Eun	W02	3	OAT	3	NoSATR	No_VFD_Chill	2.50698E-05	0	-2.39052E-10
Eun	W03	3	OAT	3	NoSATR	No_VFD_Chill	3.26704E-05	0	1.1217E-09
Eun	W04	3	OAT	3	NoSATR	No_VFD_Chill	3.31914E-05	0	1.70095E-09
Eun	W05	3	OAT	3	NoSATR	No_VFD_Chill	2.86556E-05	0	1.15848E-09
Eun	W06	3	OAT	3	NoSATR	No_VFD_Chill	3.65014E-05	0	4.12211E-09
Eun	W07	3	OAT	3	NoSATR	No_VFD_Chill	3.60723E-05	0	2.96363E-09
Eun	W08	3	OAT	3	NoSATR	No_VFD_Chill	3.55819E-05	0	-1.71627E-10
Eun	W09	3	OAT	3	NoSATR	No_VFD_Chill	3.57658E-05	0	3.40189E-10
Eun	W10	3	OAT	3	NoSATR	No_VFD_Chill	2.87475E-05	0	-1.3485E-10
Eun	W11	3	OAT	3	NoSATR	No_VFD_Chill	2.17292E-05	0	-1.3485E-10
Eun	W12	3	OAT	3	NoSATR	No_VFD_Chill	2.52537E-05	0	0
Eun	W13	3	OAT	3	NoSATR	No_VFD_Chill	2.39971E-05	0	-1.71627E-10
Eun	W14	3	OAT	3	NoSATR	No_VFD_Chill	2.13614E-05	0	-1.01137E-10
Eun	W15	3	OAT	3	NoSATR	No_VFD_Chill	2.00129E-05	0	-3.67772E-11
Eun	W16	3	OAT	3	NoSATR	No_VFD_Chill	1.94919E-05	0	-2.35987E-10
Eun	W01	3	OAT	3	OATSATR	No_VFD_Chill	2.32003E-05	0	5.04154E-09
Eun	W02	3	OAT	3	OATSATR	No_VFD_Chill	2.35374E-05	0	-3.06477E-10
Eun	W03	3	OAT	3	OATSATR	No_VFD_Chill	2.89927E-05	0	1.15848E-09
Eun	W04	3	OAT	3	OATSATR	No_VFD_Chill	3.04944E-05	0	1.70095E-09
Eun	W05	3	OAT	3	OATSATR	No_VFD_Chill	2.66022E-05	0	1.19219E-09
Eun	W06	3	OAT	3	OATSATR	No_VFD_Chill	3.47238E-05	0	4.0884E-09
Eun	W07	3	OAT	3	OATSATR	No_VFD_Chill	3.48464E-05	0	2.92992E-09
Eun	W08	3	OAT	3	OATSATR	No_VFD_Chill	3.45093E-05	0	-1.71627E-10
Eun	W09	3	OAT	3	OATSATR	No_VFD_Chill	3.4448E-05	0	3.40189E-10
Eun	W10	3	OAT	3	OATSATR	No_VFD_Chill	2.74297E-05	0	-1.04202E-10
Eun	W11	3	OAT	3	OATSATR	No_VFD_Chill	1.9829E-05	0	-1.3485E-10
Eun	W12	3	OAT	3	OATSATR	No_VFD_Chill	2.29245E-05	0	-2.05339E-10
Eun	W13	3	OAT	3	OATSATR	No_VFD_Chill	2.22502E-05	0	-1.37914E-10
Eun	W14	3	OAT	3	OATSATR	No_VFD_Chill	1.96145E-05	0	-1.01137E-10
Eun	W15	3	OAT	3	OATSATR	No_VFD_Chill	1.94919E-05	0	-3.37124E-11
Eun	W16	3	OAT	3	OATSATR	No_VFD_Chill	1.84192E-05	0	-2.39052E-10
Eun	W01	3	OAT	3	DmdSATR	No_VFD_Chill	2.2526E-05	0	5.41544E-09
Eun	W02	3	OAT	3	DmdSATR	No_VFD_Chill	2.32003E-05	0	-1.68562E-10
Eun	W03	3	OAT	3	DmdSATR	No_VFD_Chill	2.8962E-05	0	1.22591E-09
Eun	W04	3	OAT	3	DmdSATR	No_VFD_Chill	3.03412E-05	0	1.76837E-09
Eun	W05	3	OAT	3	DmdSATR	No_VFD_Chill	2.55295E-05	0	1.33011E-09
Eun	W06	3	OAT	3	DmdSATR	No_VFD_Chill	3.4356E-05	0	4.29067E-09
Eun	W07	3	OAT	3	DmdSATR	No_VFD_Chill	3.34672E-05	0	3.06477E-09
Eun	W08	3	OAT	3	DmdSATR	No_VFD_Chill	3.34979E-05	0	-1.01137E-10
Eun	W09	3	OAT	3	DmdSATR	No_VFD_Chill	3.32834E-05	0	4.07614E-10
Eun	W10	3	OAT	3	DmdSATR	No_VFD_Chill	2.74297E-05	0	-1.04202E-10
Eun	W11	3	OAT	3	DmdSATR	No_VFD_Chill	1.94E-05	0	-1.04202E-10
Eun	W12	3	OAT	3	DmdSATR	No_VFD_Chill	2.26793E-05	0	-1.68562E-10
Eun	W13	3	OAT	3	DmdSATR	No_VFD_Chill	2.18824E-05	0	-3.37124E-11
Eun	W14	3	OAT	3	DmdSATR	No_VFD_Chill	2.00742E-05	0	-7.04896E-11
Eun	W15	3	OAT	3	DmdSATR	No_VFD_Chill	1.91241E-05	0	0



## CHWST Reset db

Eun	W16	3	OAT	3	DmdSATR	No_VFD_Chill	1.94919E-05	0	-1.37914E-10
Eun	W01	3	OAT	9	NoSATR	No_VFD_Chill	6.87734E-05	0	1.51185E-08
Eun	W02	3	OAT	9	NoSATR	No_VFD_Chill	6.07437E-05	0	-6.46666E-10
Eun	W03	3	OAT	9	NoSATR	No_VFD_Chill	8.02662E-05	0	3.30075E-09
Eun	W04	3	OAT	9	NoSATR	No_VFD_Chill	8.36375E-05	0	4.86991E-09
Eun	W05	3	OAT	9	NoSATR	No_VFD_Chill	7.16542E-05	0	3.30382E-09
Eun	W06	3	OAT	9	NoSATR	No_VFD_Chill	9.28931E-05	0	1.13733E-08
Eun	W07	3	OAT	9	NoSATR	No_VFD_Chill	9.32915E-05	0	8.4465E-09
Eun	W08	3	OAT	9	NoSATR	No_VFD_Chill	9.1422E-05	0	-5.11816E-10
Eun	W09	3	OAT	9	NoSATR	No_VFD_Chill	9.07477E-05	0	1.02363E-09
Eun	W10	3	OAT	9	NoSATR	No_VFD_Chill	7.01525E-05	0	-3.73902E-10
Eun	W11	3	OAT	9	NoSATR	No_VFD_Chill	5.30205E-05	0	-4.41326E-10
Eun	W12	3	OAT	9	NoSATR	No_VFD_Chill	6.25825E-05	0	-2.39052E-10
Eun	W13	3	OAT	9	NoSATR	No_VFD_Chill	6.09889E-05	0	-6.12953E-10
Eun	W14	3	OAT	9	NoSATR	No_VFD_Chill	5.3756E-05	0	-3.06477E-10
Eun	W15	3	OAT	9	NoSATR	No_VFD_Chill	5.3756E-05	0	-7.04896E-11
Eun	W16	3	OAT	9	NoSATR	No_VFD_Chill	4.75958E-05	0	-6.80378E-10
Eun	W01	3	OAT	9	OATSATR	No_VFD_Chill	5.59626E-05	0	1.29057E-08
Eun	W02	3	OAT	9	OATSATR	No_VFD_Chill	5.41851E-05	0	-6.80378E-10
Eun	W03	3	OAT	9	OATSATR	No_VFD_Chill	7.14397E-05	0	3.33753E-09
Eun	W04	3	OAT	9	OATSATR	No_VFD_Chill	7.56997E-05	0	4.83314E-09
Eun	W05	3	OAT	9	OATSATR	No_VFD_Chill	6.56779E-05	0	3.30382E-09
Eun	W06	3	OAT	9	OATSATR	No_VFD_Chill	8.75604E-05	0	1.14438E-08
Eun	W07	3	OAT	9	OATSATR	No_VFD_Chill	8.96751E-05	0	8.41278E-09
Eun	W08	3	OAT	9	OATSATR	No_VFD_Chill	8.6028E-05	0	-4.78104E-10
Eun	W09	3	OAT	9	OATSATR	No_VFD_Chill	8.56602E-05	0	1.05428E-09
Eun	W10	3	OAT	9	OATSATR	No_VFD_Chill	6.66587E-05	0	-3.40189E-10
Eun	W11	3	OAT	9	OATSATR	No_VFD_Chill	4.69216E-05	0	-4.07614E-10
Eun	W12	3	OAT	9	OATSATR	No_VFD_Chill	5.5932E-05	0	-6.46666E-10
Eun	W13	3	OAT	9	OATSATR	No_VFD_Chill	5.59013E-05	0	-5.79241E-10
Eun	W14	3	OAT	9	OATSATR	No_VFD_Chill	4.96799E-05	0	-3.06477E-10
Eun	W15	3	OAT	9	OATSATR	No_VFD_Chill	4.95266E-05	0	-6.74249E-11
Eun	W16	3	OAT	9	OATSATR	No_VFD_Chill	4.47149E-05	0	-6.83443E-10
Eun	W01	3	OAT	9	DmdSATR	No_VFD_Chill	5.50739E-05	0	1.39968E-08
Eun	W02	3	OAT	9	DmdSATR	No_VFD_Chill	5.39705E-05	0	-4.41326E-10
Eun	W03	3	OAT	9	DmdSATR	No_VFD_Chill	6.91411E-05	0	3.57658E-09
Eun	W04	3	OAT	9	DmdSATR	No_VFD_Chill	7.53013E-05	0	5.07219E-09
Eun	W05	3	OAT	9	DmdSATR	No_VFD_Chill	6.4452E-05	0	3.78192E-09
Eun	W06	3	OAT	9	DmdSATR	No_VFD_Chill	8.5507E-05	0	1.18852E-08
Eun	W07	3	OAT	9	DmdSATR	No_VFD_Chill	8.64264E-05	0	8.75297E-09
Eun	W08	3	OAT	9	DmdSATR	No_VFD_Chill	8.50779E-05	0	-3.40189E-10
Eun	W09	3	OAT	9	DmdSATR	No_VFD_Chill	8.42198E-05	0	1.22591E-09
Eun	W10	3	OAT	9	DmdSATR	No_VFD_Chill	6.57086E-05	0	-2.72764E-10
Eun	W11	3	OAT	9	DmdSATR	No_VFD_Chill	4.69829E-05	0	-3.06477E-10
Eun	W12	3	OAT	9	DmdSATR	No_VFD_Chill	5.60546E-05	0	-5.76176E-10
Eun	W13	3	OAT	9	DmdSATR	No_VFD_Chill	5.47061E-05	0	-3.06477E-10
Eun	W14	3	OAT	9	DmdSATR	No_VFD_Chill	4.93427E-05	0	-2.39052E-10
Eun	W15	3	OAT	9	DmdSATR	No_VFD_Chill	5.02622E-05	0	-3.37124E-11
Eun	W16	3	OAT	9	DmdSATR	No_VFD_Chill	4.5236E-05	0	-4.78104E-10
Eun	W01	5	OAT	3	NoSATR	VFD_Chill	8.53231E-05	0	1.91701E-08
Eun	W02	5	OAT	3	NoSATR	VFD_Chill	7.3677E-05	0	-2.05339E-10
Eun	W03	5	OAT	3	NoSATR	VFD_Chill	9.97888E-05	0	2.85943E-09
Eun	W04	5	OAT	3	NoSATR	VFD_Chill	0.000100187	0	4.732E-09
Eun	W05	5	OAT	3	NoSATR	VFD_Chill	8.87863E-05	0	3.40496E-09
Eun	W06	5	OAT	3	NoSATR	VFD_Chill	0.000111098	0	1.19526E-08
Eun	W07	5	OAT	3	NoSATR	VFD_Chill	0.000110975	0	7.45658E-09
Eun	W08	5	OAT	3	NoSATR	VFD_Chill	0.000112875	0	-1.3485E-10
Eun	W09	5	OAT	3	NoSATR	VFD_Chill	0.000107052	0	1.15848E-09
Eun	W10	5	OAT	3	NoSATR	VFD_Chill	8.26261E-05	0	-1.01137E-10
Eun	W11	5	OAT	3	NoSATR	VFD_Chill	6.27051E-05	0	-1.71627E-10
Eun	W12	5	OAT	3	NoSATR	VFD_Chill	7.51787E-05	0	-2.35987E-10
Eun	W13	5	OAT	3	NoSATR	VFD_Chill	7.59756E-05	0	-1.71627E-10
Eun	W14	5	OAT	3	NoSATR	VFD_Chill	6.08356E-05	0	-1.04202E-10
Eun	W15	5	OAT	3	NoSATR	VFD_Chill	6.341E-05	0	-3.37124E-11
Eun	W16	5	OAT	3	NoSATR	VFD_Chill	5.75257E-05	0	-1.68562E-10
Eun	W01	5	OAT	3	OATSATR	VFD_Chill	6.89572E-05	0	1.46435E-08
Eun	W02	5	OAT	3	OATSATR	VFD_Chill	6.51876E-05	0	-2.35987E-10
Eun	W03	5	OAT	3	OATSATR	VFD_Chill	8.43424E-05	0	2.85943E-09
Eun	W04	5	OAT	3	OATSATR	VFD_Chill	8.98283E-05	0	4.76878E-09
Eun	W05	5	OAT	3	OATSATR	VFD_Chill	7.75692E-05	0	3.47238E-09
Eun	W06	5	OAT	3	OATSATR	VFD_Chill	0.000100463	0	1.20905E-08
Eun	W07	5	OAT	3	OATSATR	VFD_Chill	0.000102639	0	7.49335E-09
Eun	W08	5	OAT	3	OATSATR	VFD_Chill	0.000103589	0	-1.37914E-10
Eun	W09	5	OAT	3	OATSATR	VFD_Chill	9.83484E-05	0	1.19219E-09
Eun	W10	5	OAT	3	OATSATR	VFD_Chill	7.48109E-05	0	-1.01137E-10
Eun	W11	5	OAT	3	OATSATR	VFD_Chill	5.55642E-05	0	-1.37914E-10
Eun	W12	5	OAT	3	OATSATR	VFD_Chill	6.58618E-05	0	-2.02275E-10
Eun	W13	5	OAT	3	OATSATR	VFD_Chill	6.81298E-05	0	-1.68562E-10
Eun	W14	5	OAT	3	OATSATR	VFD_Chill	5.56255E-05	0	-1.01137E-10
Eun	W15	5	OAT	3	OATSATR	VFD_Chill	5.87822E-05	0	0
Eun	W16	5	OAT	3	OATSATR	VFD_Chill	5.2622E-05	0	-1.68562E-10
Eun	W01	5	OAT	3	DmdSATR	VFD_Chill	6.73636E-05	0	1.75734E-08
Eun	W02	5	OAT	3	DmdSATR	VFD_Chill	6.5065E-05	0	-1.71627E-10
Eun	W03	5	OAT	3	DmdSATR	VFD_Chill	8.47408E-05	0	2.92992E-09
Eun	W04	5	OAT	3	DmdSATR	VFD_Chill	8.90621E-05	0	4.86991E-09
Eun	W05	5	OAT	3	DmdSATR	VFD_Chill	7.76918E-05	0	3.57658E-09
Eun	W06	5	OAT	3	DmdSATR	VFD_Chill	9.91758E-05	0	1.202E-08
Eun	W07	5	OAT	3	DmdSATR	VFD_Chill	0.000100249	0	7.52707E-09
Eun	W08	5	OAT	3	DmdSATR	VFD_Chill	0.000102333	0	-1.01137E-10
Eun	W09	5	OAT	3	DmdSATR	VFD_Chill	9.63563E-05	0	1.22591E-09
Eun	W10	5	OAT	3	DmdSATR	VFD_Chill	7.46271E-05	0	-1.01137E-10
Eun	W11	5	OAT	3	DmdSATR	VFD_Chill	5.5932E-05	0	-1.04202E-10
Eun	W12	5	OAT	3	DmdSATR	VFD_Chill	6.61683E-05	0	-1.71627E-10
Eun	W13	5	OAT	3	DmdSATR	VFD_Chill	6.73942E-05	0	-2.05339E-10
Eun	W14	5	OAT	3	DmdSATR	VFD_Chill	5.55949E-05	0	-6.74249E-11
Eun	W15	5	OAT	3	DmdSATR	VFD_Chill	5.89661E-05	0	0
Eun	W16	5	OAT	3	DmdSATR	VFD_Chill	5.24688E-05	0	-1.01137E-10
Eun	W01	5	OAT	9	NoSATR	VFD_Chill	0.00021248	0	4.94439E-08

## CHWST Reset db

Eun	W02	5 OAT	9 NoSATR	VFD_Chill	0.000186154	0	-6.4973E-10
Eun	W03	5 OAT	9 NoSATR	VFD_Chill	0.000252077	0	8.20438E-09
Eun	W04	5 OAT	9 NoSATR	VFD_Chill	0.000255877	0	1.32796E-08
Eun	W05	5 OAT	9 NoSATR	VFD_Chill	0.000224555	0	9.63563E-09
Eun	W06	5 OAT	9 NoSATR	VFD_Chill	0.00028628	0	3.24865E-08
Eun	W07	5 OAT	9 NoSATR	VFD_Chill	0.000286954	0	2.06014E-08
Eun	W08	5 OAT	9 NoSATR	VFD_Chill	0.000292869	0	-4.07614E-10
Eun	W09	5 OAT	9 NoSATR	VFD_Chill	0.000277024	0	3.40802E-09
Eun	W10	5 OAT	9 NoSATR	VFD_Chill	0.000211653	0	-3.06477E-10
Eun	W11	5 OAT	9 NoSATR	VFD_Chill	0.000160778	0	-4.78104E-10
Eun	W12	5 OAT	9 NoSATR	VFD_Chill	0.000190966	0	-7.14091E-10
Eun	W13	5 OAT	9 NoSATR	VFD_Chill	0.000194429	0	-4.78104E-10
Eun	W14	5 OAT	9 NoSATR	VFD_Chill	0.000156518	0	-3.06477E-10
Eun	W15	5 OAT	9 NoSATR	VFD_Chill	0.000165865	0	-6.74249E-11
Eun	W16	5 OAT	9 NoSATR	VFD_Chill	0.000144381	0	-5.08751E-10
Eun	W01	5 OAT	9 OATSATR	VFD_Chill	0.000169144	0	3.71174E-08
Eun	W02	5 OAT	9 OATSATR	VFD_Chill	0.000164333	0	-7.47803E-10
Eun	W03	5 OAT	9 OATSATR	VFD_Chill	0.000214105	0	8.24116E-09
Eun	W04	5 OAT	9 OATSATR	VFD_Chill	0.000229704	0	1.33838E-08
Eun	W05	5 OAT	9 OATSATR	VFD_Chill	0.000196574	0	9.77354E-09
Eun	W06	5 OAT	9 OATSATR	VFD_Chill	0.000259862	0	3.30321E-08
Eun	W07	5 OAT	9 OATSATR	VFD_Chill	0.000265409	0	2.08741E-08
Eun	W08	5 OAT	9 OATSATR	VFD_Chill	0.000268933	0	-4.10679E-10
Eun	W09	5 OAT	9 OATSATR	VFD_Chill	0.00025315	0	3.43867E-09
Eun	W10	5 OAT	9 OATSATR	VFD_Chill	0.000191916	0	-3.06477E-10
Eun	W11	5 OAT	9 OATSATR	VFD_Chill	0.000141623	0	-4.07614E-10
Eun	W12	5 OAT	9 OATSATR	VFD_Chill	0.000167888	0	-5.79241E-10
Eun	W13	5 OAT	9 OATSATR	VFD_Chill	0.000173251	0	-4.75039E-10
Eun	W14	5 OAT	9 OATSATR	VFD_Chill	0.000142481	0	-3.06477E-10
Eun	W15	5 OAT	9 OATSATR	VFD_Chill	0.000154035	0	-6.74249E-11
Eun	W16	5 OAT	9 OATSATR	VFD_Chill	0.000131203	0	-4.75039E-10
Eun	W01	5 OAT	9 DmdSATR	VFD_Chill	0.000166478	0	4.50184E-08
Eun	W02	5 OAT	9 DmdSATR	VFD_Chill	0.000163873	0	-5.11816E-10
Eun	W03	5 OAT	9 DmdSATR	VFD_Chill	0.000213063	0	8.34229E-09
Eun	W04	5 OAT	9 DmdSATR	VFD_Chill	0.000228448	0	1.35524E-08
Eun	W05	5 OAT	9 DmdSATR	VFD_Chill	0.000195869	0	1.008E-08
Eun	W06	5 OAT	9 DmdSATR	VFD_Chill	0.000255602	0	3.28604E-08
Eun	W07	5 OAT	9 DmdSATR	VFD_Chill	0.000259555	0	2.07056E-08
Eun	W08	5 OAT	9 DmdSATR	VFD_Chill	0.000264581	0	-2.72764E-10
Eun	W09	5 OAT	9 DmdSATR	VFD_Chill	0.000249227	0	3.60723E-09
Eun	W10	5 OAT	9 DmdSATR	VFD_Chill	0.000190935	0	-2.72764E-10
Eun	W11	5 OAT	9 DmdSATR	VFD_Chill	0.000142696	0	-3.43254E-10
Eun	W12	5 OAT	9 DmdSATR	VFD_Chill	0.000168317	0	-4.07614E-10
Eun	W13	5 OAT	9 DmdSATR	VFD_Chill	0.000173313	0	-3.06477E-10
Eun	W14	5 OAT	9 DmdSATR	VFD_Chill	0.000141316	0	-2.35987E-10
Eun	W15	5 OAT	9 DmdSATR	VFD_Chill	0.000153208	0	-3.37124E-11
Eun	W16	5 OAT	9 DmdSATR	VFD_Chill	0.00013154	0	-3.06477E-10
Eun	W01	5 OAT	3 NoSATR	No_VFD_Chill	2.51004E-05	0	5.41544E-09
Eun	W02	5 OAT	3 NoSATR	No_VFD_Chill	2.17905E-05	0	-2.05339E-10
Eun	W03	5 OAT	3 NoSATR	No_VFD_Chill	2.94524E-05	0	7.17155E-10
Eun	W04	5 OAT	3 NoSATR	No_VFD_Chill	2.91459E-05	0	1.19219E-09
Eun	W05	5 OAT	3 NoSATR	No_VFD_Chill	2.66022E-05	0	8.85717E-10
Eun	W06	5 OAT	3 NoSATR	No_VFD_Chill	3.21188E-05	0	3.26704E-09
Eun	W07	5 OAT	3 NoSATR	No_VFD_Chill	3.2272E-05	0	2.17905E-09
Eun	W08	5 OAT	3 NoSATR	No_VFD_Chill	3.24865E-05	0	-1.71627E-10
Eun	W09	5 OAT	3 NoSATR	No_VFD_Chill	3.10461E-05	0	2.05339E-10
Eun	W10	5 OAT	3 NoSATR	No_VFD_Chill	2.44875E-05	0	-1.37914E-10
Eun	W11	5 OAT	3 NoSATR	No_VFD_Chill	1.86338E-05	0	-1.37914E-10
Eun	W12	5 OAT	3 NoSATR	No_VFD_Chill	2.24341E-05	0	-2.02275E-10
Eun	W13	5 OAT	3 NoSATR	No_VFD_Chill	2.26793E-05	0	-1.37914E-10
Eun	W14	5 OAT	3 NoSATR	No_VFD_Chill	1.81434E-05	0	-1.01137E-10
Eun	W15	5 OAT	3 NoSATR	No_VFD_Chill	1.86338E-05	0	-3.37124E-11
Eun	W16	5 OAT	3 NoSATR	No_VFD_Chill	1.77143E-05	0	-2.39052E-10
Eun	W01	5 OAT	3 OATSATR	No_VFD_Chill	2.13308E-05	0	5.00783E-09
Eun	W02	5 OAT	3 OATSATR	No_VFD_Chill	1.97371E-05	0	-2.35987E-10
Eun	W03	5 OAT	3 OATSATR	No_VFD_Chill	2.4794E-05	0	7.14091E-10
Eun	W04	5 OAT	3 OATSATR	No_VFD_Chill	2.66941E-05	0	1.22591E-09
Eun	W05	5 OAT	3 OATSATR	No_VFD_Chill	2.36293E-05	0	9.1943E-10
Eun	W06	5 OAT	3 OATSATR	No_VFD_Chill	3.00347E-05	0	3.37124E-09
Eun	W07	5 OAT	3 OATSATR	No_VFD_Chill	3.07396E-05	0	2.21276E-09
Eun	W08	5 OAT	3 OATSATR	No_VFD_Chill	3.03718E-05	0	-1.37914E-10
Eun	W09	5 OAT	3 OATSATR	No_VFD_Chill	2.96669E-05	0	2.39052E-10
Eun	W10	5 OAT	3 OATSATR	No_VFD_Chill	2.24647E-05	0	-1.01137E-10
Eun	W11	5 OAT	3 OATSATR	No_VFD_Chill	1.67949E-05	0	-1.37914E-10
Eun	W12	5 OAT	3 OATSATR	No_VFD_Chill	1.94613E-05	0	-2.05339E-10
Eun	W13	5 OAT	3 OATSATR	No_VFD_Chill	2.06565E-05	0	-1.3485E-10
Eun	W14	5 OAT	3 OATSATR	No_VFD_Chill	1.71933E-05	0	-1.01137E-10
Eun	W15	5 OAT	3 OATSATR	No_VFD_Chill	1.7224E-05	0	0
Eun	W16	5 OAT	3 OATSATR	No_VFD_Chill	1.64884E-05	0	-2.05339E-10
Eun	W01	5 OAT	3 DmdSATR	No_VFD_Chill	2.02275E-05	0	5.31124E-09
Eun	W02	5 OAT	3 DmdSATR	No_VFD_Chill	1.95226E-05	0	-1.37914E-10
Eun	W03	5 OAT	3 DmdSATR	No_VFD_Chill	2.58666E-05	0	7.8458E-10
Eun	W04	5 OAT	3 DmdSATR	No_VFD_Chill	2.62344E-05	0	1.32704E-09
Eun	W05	5 OAT	3 DmdSATR	No_VFD_Chill	2.39052E-05	0	1.05428E-09
Eun	W06	5 OAT	3 DmdSATR	No_VFD_Chill	2.99428E-05	0	3.40496E-09
Eun	W07	5 OAT	3 DmdSATR	No_VFD_Chill	3.02492E-05	0	2.24647E-09
Eun	W08	5 OAT	3 DmdSATR	No_VFD_Chill	3.04944E-05	0	-1.04202E-10
Eun	W09	5 OAT	3 DmdSATR	No_VFD_Chill	2.90233E-05	0	2.72764E-10
Eun	W10	5 OAT	3 DmdSATR	No_VFD_Chill	2.2618E-05	0	-6.74249E-11
Eun	W11	5 OAT	3 DmdSATR	No_VFD_Chill	1.69788E-05	0	-1.37914E-10
Eun	W12	5 OAT	3 DmdSATR	No_VFD_Chill	1.9829E-05	0	-1.71627E-10
Eun	W13	5 OAT	3 DmdSATR	No_VFD_Chill	2.01968E-05	0	-2.02275E-10
Eun	W14	5 OAT	3 DmdSATR	No_VFD_Chill	1.73466E-05	0	-6.74249E-11
Eun	W15	5 OAT	3 DmdSATR	No_VFD_Chill	1.79595E-05	0	-3.37124E-11
Eun	W16	5 OAT	3 DmdSATR	No_VFD_Chill	1.63659E-05	0	-1.71627E-10
Eun	W01	5 OAT	9 NoSATR	No_VFD_Chill	6.01001E-05	0	1.35187E-08
Eun	W02	5 OAT	9 NoSATR	No_VFD_Chill	5.34495E-05	0	-5.79241E-10
Eun	W03	5 OAT	9 NoSATR	No_VFD_Chill	7.1501E-05	0	1.94306E-09

## CHWST Reset db

Eun	W04	5 OAT	9 NoSATR	No_VFD_Chill	7.17768E-05	0	3.23333E-09
Eun	W05	5 OAT	9 NoSATR	No_VFD_Chill	6.47892E-05	0	2.35068E-09
Eun	W06	5 OAT	9 NoSATR	No_VFD_Chill	8.07566E-05	0	8.58135E-09
Eun	W07	5 OAT	9 NoSATR	No_VFD_Chill	8.08179E-05	0	5.65449E-09
Eun	W08	5 OAT	9 NoSATR	No_VFD_Chill	8.23809E-05	0	-4.41326E-10
Eun	W09	5 OAT	9 NoSATR	No_VFD_Chill	7.87645E-05	0	5.79241E-10
Eun	W10	5 OAT	9 NoSATR	No_VFD_Chill	6.06211E-05	0	-3.40189E-10
Eun	W11	5 OAT	9 NoSATR	No_VFD_Chill	4.70748E-05	0	-4.10679E-10
Eun	W12	5 OAT	9 NoSATR	No_VFD_Chill	5.51045E-05	0	-6.46666E-10
Eun	W13	5 OAT	9 NoSATR	No_VFD_Chill	5.55949E-05	0	-4.44391E-10
Eun	W14	5 OAT	9 NoSATR	No_VFD_Chill	4.64006E-05	0	-2.72764E-10
Eun	W15	5 OAT	9 NoSATR	No_VFD_Chill	4.77184E-05	0	-6.74249E-11
Eun	W16	5 OAT	9 NoSATR	No_VFD_Chill	4.29067E-05	0	-7.17155E-10
Eun	W01	5 OAT	9 OATSATR	No_VFD_Chill	4.88524E-05	0	1.25993E-08
Eun	W02	5 OAT	9 OATSATR	No_VFD_Chill	4.81781E-05	0	-6.80378E-10
Eun	W03	5 OAT	9 OATSATR	No_VFD_Chill	6.12953E-05	0	1.97371E-09
Eun	W04	5 OAT	9 OATSATR	No_VFD_Chill	6.59844E-05	0	3.33753E-09
Eun	W05	5 OAT	9 OATSATR	No_VFD_Chill	5.81999E-05	0	2.48553E-09
Eun	W06	5 OAT	9 OATSATR	No_VFD_Chill	7.65272E-05	0	8.92153E-09
Eun	W07	5 OAT	9 OATSATR	No_VFD_Chill	7.6895E-05	0	5.92419E-09
Eun	W08	5 OAT	9 OATSATR	No_VFD_Chill	7.72015E-05	0	-4.10679E-10
Eun	W09	5 OAT	9 OATSATR	No_VFD_Chill	7.39222E-05	0	6.46666E-10
Eun	W10	5 OAT	9 OATSATR	No_VFD_Chill	5.59013E-05	0	-3.06477E-10
Eun	W11	5 OAT	9 OATSATR	No_VFD_Chill	4.13131E-05	0	-4.10679E-10
Eun	W12	5 OAT	9 OATSATR	No_VFD_Chill	4.82394E-05	0	-5.45528E-10
Eun	W13	5 OAT	9 OATSATR	No_VFD_Chill	4.94347E-05	0	-4.07614E-10
Eun	W14	5 OAT	9 OATSATR	No_VFD_Chill	4.33664E-05	0	-2.72764E-10
Eun	W15	5 OAT	9 OATSATR	No_VFD_Chill	4.41633E-05	0	-3.37124E-11
Eun	W16	5 OAT	9 OATSATR	No_VFD_Chill	3.9321E-05	0	-6.80378E-10
Eun	W01	5 OAT	9 DmdSATR	No_VFD_Chill	4.74732E-05	0	1.33471E-08
Eun	W02	5 OAT	9 DmdSATR	No_VFD_Chill	4.74426E-05	0	-4.44391E-10
Eun	W03	5 OAT	9 DmdSATR	No_VFD_Chill	6.18776E-05	0	2.07791E-09
Eun	W04	5 OAT	9 DmdSATR	No_VFD_Chill	6.54634E-05	0	3.50916E-09
Eun	W05	5 OAT	9 DmdSATR	No_VFD_Chill	5.76789E-05	0	2.82571E-09
Eun	W06	5 OAT	9 DmdSATR	No_VFD_Chill	7.54545E-05	0	8.95525E-09
Eun	W07	5 OAT	9 DmdSATR	No_VFD_Chill	7.59143E-05	0	5.78934E-09
Eun	W08	5 OAT	9 DmdSATR	No_VFD_Chill	7.62514E-05	0	-3.06477E-10
Eun	W09	5 OAT	9 DmdSATR	No_VFD_Chill	7.36463E-05	0	8.18293E-10
Eun	W10	5 OAT	9 DmdSATR	No_VFD_Chill	5.55642E-05	0	-2.39052E-10
Eun	W11	5 OAT	9 DmdSATR	No_VFD_Chill	4.1926E-05	0	-3.40189E-10
Eun	W12	5 OAT	9 DmdSATR	No_VFD_Chill	4.87604E-05	0	-3.73902E-10
Eun	W13	5 OAT	9 DmdSATR	No_VFD_Chill	5.02622E-05	0	-3.06477E-10
Eun	W14	5 OAT	9 DmdSATR	No_VFD_Chill	4.26309E-05	0	-2.05339E-10
Eun	W15	5 OAT	9 DmdSATR	No_VFD_Chill	4.47762E-05	0	-3.37124E-11
Eun	W16	5 OAT	9 DmdSATR	No_VFD_Chill	3.96274E-05	0	-5.11816E-10
Htl	W01	75 OAT	3 NoSATR	VFD_Chill	0.000479989	0	4.97338E-08
Htl	W02	75 OAT	3 NoSATR	VFD_Chill	0.000565559	0	-6.79128E-10
Htl	W03	75 OAT	3 NoSATR	VFD_Chill	0.000569758	0	1.57774E-08
Htl	W04	75 OAT	3 NoSATR	VFD_Chill	0.000592786	0	-7.09998E-10
Htl	W05	75 OAT	3 NoSATR	VFD_Chill	0.000538178	0	1.61231E-08
Htl	W06	75 OAT	3 NoSATR	VFD_Chill	0.000564849	0	3.97876E-08
Htl	W07	75 OAT	3 NoSATR	VFD_Chill	0.000570684	0	2.05776E-08
Htl	W08	75 OAT	3 NoSATR	VFD_Chill	0.000612635	0	3.39564E-10
Htl	W09	75 OAT	3 NoSATR	VFD_Chill	0.000628687	0	1.35826E-09
Htl	W10	75 OAT	3 NoSATR	VFD_Chill	0.000565065	0	-3.39564E-10
Htl	W11	75 OAT	3 NoSATR	VFD_Chill	0.000512618	0	-3.39564E-10
Htl	W12	75 OAT	3 NoSATR	VFD_Chill	0.00057624	0	-6.79128E-10
Htl	W13	75 OAT	3 NoSATR	VFD_Chill	0.000546791	0	-3.39564E-10
Htl	W14	75 OAT	3 NoSATR	VFD_Chill	0.000496504	0	0
Htl	W15	75 OAT	3 NoSATR	VFD_Chill	0.000415287	0	0
Htl	W16	75 OAT	3 NoSATR	VFD_Chill	0.000441495	0	-6.79128E-10
Htl	W01	75 OAT	3 OATSATR	VFD_Chill	0.000464493	0	4.93911E-08
Htl	W02	75 OAT	3 OATSATR	VFD_Chill	0.000539289	0	-7.09998E-10
Htl	W03	75 OAT	3 OATSATR	VFD_Chill	0.000532961	0	1.54347E-08
Htl	W04	75 OAT	3 OATSATR	VFD_Chill	0.000561392	0	-6.79128E-10
Htl	W05	75 OAT	3 OATSATR	VFD_Chill	0.000512495	0	1.61231E-08
Htl	W06	75 OAT	3 OATSATR	VFD_Chill	0.000536233	0	4.11613E-08
Htl	W07	75 OAT	3 OATSATR	VFD_Chill	0.000555897	0	2.05776E-08
Htl	W08	75 OAT	3 OATSATR	VFD_Chill	0.000583278	0	3.39564E-10
Htl	W09	75 OAT	3 OATSATR	VFD_Chill	0.000594793	0	1.35826E-09
Htl	W10	75 OAT	3 OATSATR	VFD_Chill	0.000546359	0	-3.70433E-10
Htl	W11	75 OAT	3 OATSATR	VFD_Chill	0.000498264	0	0
Htl	W12	75 OAT	3 OATSATR	VFD_Chill	0.000549384	0	-6.79128E-10
Htl	W13	75 OAT	3 OATSATR	VFD_Chill	0.000526448	0	-3.39564E-10
Htl	W14	75 OAT	3 OATSATR	VFD_Chill	0.000482428	0	0
Htl	W15	75 OAT	3 OATSATR	VFD_Chill	0.000402476	0	-3.39564E-10
Htl	W16	75 OAT	3 OATSATR	VFD_Chill	0.00043705	0	-3.39564E-10
Htl	W01	75 OAT	3 DmdSATR	VFD_Chill	0.000460511	0	4.90485E-08
Htl	W02	75 OAT	3 DmdSATR	VFD_Chill	0.000546729	0	-3.39564E-10
Htl	W03	75 OAT	3 DmdSATR	VFD_Chill	0.000537252	0	1.57805E-08
Htl	W04	75 OAT	3 DmdSATR	VFD_Chill	0.00055494	0	-7.09998E-10
Htl	W05	75 OAT	3 DmdSATR	VFD_Chill	0.000515273	0	1.612E-08
Htl	W06	75 OAT	3 DmdSATR	VFD_Chill	0.000537622	0	4.15009E-08
Htl	W07	75 OAT	3 DmdSATR	VFD_Chill	0.000554076	0	2.05807E-08
Htl	W08	75 OAT	3 DmdSATR	VFD_Chill	0.000585964	0	3.39564E-10
Htl	W09	75 OAT	3 DmdSATR	VFD_Chill	0.000594546	0	1.38913E-09
Htl	W10	75 OAT	3 DmdSATR	VFD_Chill	0.000545741	0	-3.39564E-10
Htl	W11	75 OAT	3 DmdSATR	VFD_Chill	0.000497122	0	-3.39564E-10
Htl	W12	75 OAT	3 DmdSATR	VFD_Chill	0.000551112	0	-6.79128E-10
Htl	W13	75 OAT	3 DmdSATR	VFD_Chill	0.000526448	0	-3.39564E-10
Htl	W14	75 OAT	3 DmdSATR	VFD_Chill	0.000487984	0	-3.39564E-10
Htl	W15	75 OAT	3 DmdSATR	VFD_Chill	0.000403402	0	-3.39564E-10
Htl	W16	75 OAT	3 DmdSATR	VFD_Chill	0.000438192	0	-1.01869E-09
Htl	W01	75 OAT	9 NoSATR	VFD_Chill	0.001210299	0	1.32739E-07
Htl	W02	75 OAT	9 NoSATR	VFD_Chill	0.001427373	0	-1.69782E-09
Htl	W03	75 OAT	9 NoSATR	VFD_Chill	0.00145389	0	4.59615E-08
Htl	W04	75 OAT	9 NoSATR	VFD_Chill	0.001511523	0	-1.72869E-09
Htl	W05	75 OAT	9 NoSATR	VFD_Chill	0.001376191	0	4.63042E-08



## CHWST Reset db

Htl	W06	75 OAT	9 NoSATR	VFD_Chill	0.001468059	0	1.13532E-07
Htl	W07	75 OAT	9 NoSATR	VFD_Chill	0.00150359	0	5.93373E-08
Htl	W08	75 OAT	9 NoSATR	VFD_Chill	0.001578077	0	3.39564E-10
Htl	W09	75 OAT	9 NoSATR	VFD_Chill	0.00162253	0	4.10564E-09
Htl	W10	75 OAT	9 NoSATR	VFD_Chill	0.001455402	0	-1.35826E-09
Htl	W11	75 OAT	9 NoSATR	VFD_Chill	0.00129945	0	-1.01869E-09
Htl	W12	75 OAT	9 NoSATR	VFD_Chill	0.001454723	0	-2.06825E-09
Htl	W13	75 OAT	9 NoSATR	VFD_Chill	0.001410456	0	-6.79128E-10
Htl	W14	75 OAT	9 NoSATR	VFD_Chill	0.001275773	0	-6.79128E-10
Htl	W15	75 OAT	9 NoSATR	VFD_Chill	0.001098737	0	0
Htl	W16	75 OAT	9 NoSATR	VFD_Chill	0.001114449	0	-2.40782E-09
Htl	W01	75 OAT	9 OATSATR	VFD_Chill	0.001159858	0	1.31711E-07
Htl	W02	75 OAT	9 OATSATR	VFD_Chill	0.001362485	0	-1.72869E-09
Htl	W03	75 OAT	9 OATSATR	VFD_Chill	0.001361158	0	4.52762E-08
Htl	W04	75 OAT	9 OATSATR	VFD_Chill	0.001435522	0	-2.40782E-09
Htl	W05	75 OAT	9 OATSATR	VFD_Chill	0.001318404	0	4.59615E-08
Htl	W06	75 OAT	9 OATSATR	VFD_Chill	0.001394744	0	1.13874E-07
Htl	W07	75 OAT	9 OATSATR	VFD_Chill	0.001456637	0	5.8652E-08
Htl	W08	75 OAT	9 OATSATR	VFD_Chill	0.001511029	0	6.79128E-10
Htl	W09	75 OAT	9 OATSATR	VFD_Chill	0.00154906	0	3.76607E-09
Htl	W10	75 OAT	9 OATSATR	VFD_Chill	0.001406073	0	-1.38913E-09
Htl	W11	75 OAT	9 OATSATR	VFD_Chill	0.001248361	0	-6.79128E-10
Htl	W12	75 OAT	9 OATSATR	VFD_Chill	0.001397121	0	-2.06825E-09
Htl	W13	75 OAT	9 OATSATR	VFD_Chill	0.001361528	0	-6.79128E-10
Htl	W14	75 OAT	9 OATSATR	VFD_Chill	0.001247774	0	-7.09998E-10
Htl	W15	75 OAT	9 OATSATR	VFD_Chill	0.001053698	0	-3.39564E-10
Htl	W16	75 OAT	9 OATSATR	VFD_Chill	0.001102101	0	-1.69782E-09
Htl	W01	75 OAT	9 DmdSATR	VFD_Chill	0.001157944	0	1.33084E-07
Htl	W02	75 OAT	9 DmdSATR	VFD_Chill	0.001377364	0	-1.72869E-09
Htl	W03	75 OAT	9 DmdSATR	VFD_Chill	0.001364183	0	4.52762E-08
Htl	W04	75 OAT	9 DmdSATR	VFD_Chill	0.00143259	0	-2.40782E-09
Htl	W05	75 OAT	9 DmdSATR	VFD_Chill	0.001321151	0	4.63042E-08
Htl	W06	75 OAT	9 DmdSATR	VFD_Chill	0.001396287	0	1.14217E-07
Htl	W07	75 OAT	9 DmdSATR	VFD_Chill	0.001448611	0	5.8652E-08
Htl	W08	75 OAT	9 DmdSATR	VFD_Chill	0.001512449	0	3.39564E-10
Htl	W09	75 OAT	9 DmdSATR	VFD_Chill	0.001543318	0	3.79694E-09
Htl	W10	75 OAT	9 DmdSATR	VFD_Chill	0.001404005	0	-1.35826E-09
Htl	W11	75 OAT	9 DmdSATR	VFD_Chill	0.001245459	0	-6.79128E-10
Htl	W12	75 OAT	9 DmdSATR	VFD_Chill	0.001396349	0	-2.06825E-09
Htl	W13	75 OAT	9 DmdSATR	VFD_Chill	0.001360787	0	-1.01869E-09
Htl	W14	75 OAT	9 DmdSATR	VFD_Chill	0.001251417	0	-6.79128E-10
Htl	W15	75 OAT	9 DmdSATR	VFD_Chill	0.001056662	0	-3.39564E-10
Htl	W16	75 OAT	9 DmdSATR	VFD_Chill	0.001102132	0	-2.40782E-09
Htl	W01	75 OAT	3 NoSATR	No_VFD_Chill	0.000126534	0	1.8179E-08
Htl	W02	75 OAT	3 NoSATR	No_VFD_Chill	0.00014913	0	-3.39564E-10
Htl	W03	75 OAT	3 NoSATR	No_VFD_Chill	0.000152835	0	5.83124E-09
Htl	W04	75 OAT	3 NoSATR	No_VFD_Chill	0.000159966	0	-7.09998E-10
Htl	W05	75 OAT	3 NoSATR	No_VFD_Chill	0.000145766	0	6.51654E-09
Htl	W06	75 OAT	3 NoSATR	No_VFD_Chill	0.000156138	0	1.33757E-08
Htl	W07	75 OAT	3 NoSATR	No_VFD_Chill	0.000150952	0	8.23288E-09
Htl	W08	75 OAT	3 NoSATR	No_VFD_Chill	0.000167961	0	0
Htl	W09	75 OAT	3 NoSATR	No_VFD_Chill	0.000168949	0	6.79128E-10
Htl	W10	75 OAT	3 NoSATR	No_VFD_Chill	0.000151322	0	-3.70433E-10
Htl	W11	75 OAT	3 NoSATR	No_VFD_Chill	0.000130794	0	-3.39564E-10
Htl	W12	75 OAT	3 NoSATR	No_VFD_Chill	0.000156632	0	-6.79128E-10
Htl	W13	75 OAT	3 NoSATR	No_VFD_Chill	0.000137863	0	-3.39564E-10
Htl	W14	75 OAT	3 NoSATR	No_VFD_Chill	0.000127367	0	-3.39564E-10
Htl	W15	75 OAT	3 NoSATR	No_VFD_Chill	0.000103474	0	0
Htl	W16	75 OAT	3 NoSATR	No_VFD_Chill	0.000108136	0	-7.09998E-10
Htl	W01	75 OAT	3 OATSATR	No_VFD_Chill	0.00012354	0	1.71511E-08
Htl	W02	75 OAT	3 OATSATR	No_VFD_Chill	0.000138388	0	-3.39564E-10
Htl	W03	75 OAT	3 OATSATR	No_VFD_Chill	0.000137986	0	5.83124E-09
Htl	W04	75 OAT	3 OATSATR	No_VFD_Chill	0.000147988	0	-6.79128E-10
Htl	W05	75 OAT	3 OATSATR	No_VFD_Chill	0.000136103	0	6.17389E-09
Htl	W06	75 OAT	3 OATSATR	No_VFD_Chill	0.000143296	0	1.50921E-08
Htl	W07	75 OAT	3 OATSATR	No_VFD_Chill	0.000149439	0	8.23288E-09
Htl	W08	75 OAT	3 OATSATR	No_VFD_Chill	0.000157434	0	0
Htl	W09	75 OAT	3 OATSATR	No_VFD_Chill	0.000157311	0	3.39564E-10
Htl	W10	75 OAT	3 OATSATR	No_VFD_Chill	0.000148266	0	-3.39564E-10
Htl	W11	75 OAT	3 OATSATR	No_VFD_Chill	0.000130393	0	0
Htl	W12	75 OAT	3 OATSATR	No_VFD_Chill	0.000146414	0	-6.79128E-10
Htl	W13	75 OAT	3 OATSATR	No_VFD_Chill	0.000131103	0	-3.70433E-10
Htl	W14	75 OAT	3 OATSATR	No_VFD_Chill	0.00012073	0	-3.39564E-10
Htl	W15	75 OAT	3 OATSATR	No_VFD_Chill	0.000102054	0	-3.39564E-10
Htl	W16	75 OAT	3 OATSATR	No_VFD_Chill	0.000108074	0	-3.39564E-10
Htl	W01	75 OAT	3 DmdSATR	No_VFD_Chill	0.000119773	0	1.7148E-08
Htl	W02	75 OAT	3 DmdSATR	No_VFD_Chill	0.000144438	0	-7.09998E-10
Htl	W03	75 OAT	3 DmdSATR	No_VFD_Chill	0.000143265	0	5.83124E-09
Htl	W04	75 OAT	3 DmdSATR	No_VFD_Chill	0.000142277	0	-6.79128E-10
Htl	W05	75 OAT	3 DmdSATR	No_VFD_Chill	0.000138172	0	6.85919E-09
Htl	W06	75 OAT	3 DmdSATR	No_VFD_Chill	0.000145519	0	1.50921E-08
Htl	W07	75 OAT	3 DmdSATR	No_VFD_Chill	0.000149439	0	8.57554E-09
Htl	W08	75 OAT	3 DmdSATR	No_VFD_Chill	0.000161416	0	0
Htl	W09	75 OAT	3 DmdSATR	No_VFD_Chill	0.000159873	0	3.39564E-10
Htl	W10	75 OAT	3 DmdSATR	No_VFD_Chill	0.000148482	0	-3.39564E-10
Htl	W11	75 OAT	3 DmdSATR	No_VFD_Chill	0.000130331	0	0
Htl	W12	75 OAT	3 DmdSATR	No_VFD_Chill	0.000148883	0	-3.39564E-10
Htl	W13	75 OAT	3 DmdSATR	No_VFD_Chill	0.000133047	0	-3.39564E-10
Htl	W14	75 OAT	3 DmdSATR	No_VFD_Chill	0.000126225	0	-3.39564E-10
Htl	W15	75 OAT	3 DmdSATR	No_VFD_Chill	0.000104647	0	0
Htl	W16	75 OAT	3 DmdSATR	No_VFD_Chill	0.000108568	0	-6.79128E-10
Htl	W01	75 OAT	9 NoSATR	No_VFD_Chill	0.000309868	0	4.76779E-08
Htl	W02	75 OAT	9 NoSATR	No_VFD_Chill	0.000359969	0	-1.35826E-09
Htl	W03	75 OAT	9 NoSATR	No_VFD_Chill	0.000382442	0	1.74937E-08
Htl	W04	75 OAT	9 NoSATR	No_VFD_Chill	0.000394203	0	-1.72869E-09
Htl	W05	75 OAT	9 NoSATR	No_VFD_Chill	0.000365463	0	1.88643E-08
Htl	W06	75 OAT	9 NoSATR	No_VFD_Chill	0.000404544	0	4.04729E-08
Htl	W07	75 OAT	9 NoSATR	No_VFD_Chill	0.000404791	0	2.43529E-08

## CHWST Reset db

Htl	W08	75 OAT	9 NoSATR	No_VFD_Chill	0.000416923	0	-3.39564E-10
Htl	W09	75 OAT	9 NoSATR	No_VFD_Chill	0.000426184	0	1.35826E-09
Htl	W10	75 OAT	9 NoSATR	No_VFD_Chill	0.000380744	0	-1.38913E-09
Htl	W11	75 OAT	9 NoSATR	No_VFD_Chill	0.000311164	0	-6.79128E-10
Htl	W12	75 OAT	9 NoSATR	No_VFD_Chill	0.000374848	0	-2.03738E-09
Htl	W13	75 OAT	9 NoSATR	No_VFD_Chill	0.000348763	0	-6.79128E-10
Htl	W14	75 OAT	9 NoSATR	No_VFD_Chill	0.000322431	0	-6.79128E-10
Htl	W15	75 OAT	9 NoSATR	No_VFD_Chill	0.000280079	0	0
Htl	W16	75 OAT	9 NoSATR	No_VFD_Chill	0.00025955	0	-1.72869E-09
Htl	W01	75 OAT	9 OATSATR	No_VFD_Chill	0.000291037	0	4.59615E-08
Htl	W02	75 OAT	9 OATSATR	No_VFD_Chill	0.000333267	0	-1.35826E-09
Htl	W03	75 OAT	9 OATSATR	No_VFD_Chill	0.00034438	0	1.68053E-08
Htl	W04	75 OAT	9 OATSATR	No_VFD_Chill	0.000367779	0	-2.06825E-09
Htl	W05	75 OAT	9 OATSATR	No_VFD_Chill	0.000348917	0	1.85217E-08
Htl	W06	75 OAT	9 OATSATR	No_VFD_Chill	0.000370619	0	4.15009E-08
Htl	W07	75 OAT	9 OATSATR	No_VFD_Chill	0.000393092	0	2.36676E-08
Htl	W08	75 OAT	9 OATSATR	No_VFD_Chill	0.000399235	0	0
Htl	W09	75 OAT	9 OATSATR	No_VFD_Chill	0.000411243	0	1.01869E-09
Htl	W10	75 OAT	9 OATSATR	No_VFD_Chill	0.000373119	0	-1.04956E-09
Htl	W11	75 OAT	9 OATSATR	No_VFD_Chill	0.000296007	0	-7.09998E-10
Htl	W12	75 OAT	9 OATSATR	No_VFD_Chill	0.000360524	0	-2.03738E-09
Htl	W13	75 OAT	9 OATSATR	No_VFD_Chill	0.000335644	0	-1.04956E-09
Htl	W14	75 OAT	9 OATSATR	No_VFD_Chill	0.000314035	0	-6.79128E-10
Htl	W15	75 OAT	9 OATSATR	No_VFD_Chill	0.000264088	0	-3.39564E-10
Htl	W16	75 OAT	9 OATSATR	No_VFD_Chill	0.000258748	0	-1.35826E-09
Htl	W01	75 OAT	9 DmdSATR	No_VFD_Chill	0.000289339	0	4.80174E-08
Htl	W02	75 OAT	9 DmdSATR	No_VFD_Chill	0.000346016	0	-1.72869E-09
Htl	W03	75 OAT	9 DmdSATR	No_VFD_Chill	0.000350708	0	1.68053E-08
Htl	W04	75 OAT	9 DmdSATR	No_VFD_Chill	0.00036713	0	-2.03738E-09
Htl	W05	75 OAT	9 DmdSATR	No_VFD_Chill	0.000349905	0	1.88643E-08
Htl	W06	75 OAT	9 DmdSATR	No_VFD_Chill	0.00037457	0	4.1504E-08
Htl	W07	75 OAT	9 DmdSATR	No_VFD_Chill	0.000389542	0	2.36676E-08
Htl	W08	75 OAT	9 DmdSATR	No_VFD_Chill	0.000404328	0	0
Htl	W09	75 OAT	9 DmdSATR	No_VFD_Chill	0.000413496	0	1.35826E-09
Htl	W10	75 OAT	9 DmdSATR	No_VFD_Chill	0.000373459	0	-1.01869E-09
Htl	W11	75 OAT	9 DmdSATR	No_VFD_Chill	0.000296563	0	-7.09998E-10
Htl	W12	75 OAT	9 DmdSATR	No_VFD_Chill	0.000361883	0	-1.72869E-09
Htl	W13	75 OAT	9 DmdSATR	No_VFD_Chill	0.000340675	0	-6.79128E-10
Htl	W14	75 OAT	9 DmdSATR	No_VFD_Chill	0.00031811	0	-6.79128E-10
Htl	W15	75 OAT	9 DmdSATR	No_VFD_Chill	0.000272176	0	-3.39564E-10
Htl	W16	75 OAT	9 DmdSATR	No_VFD_Chill	0.000256865	0	-2.06825E-09
Htl	W01	85 OAT	3 NoSATR	VFD_Chill	0.000491473	0	4.76748E-08
Htl	W02	85 OAT	3 NoSATR	VFD_Chill	0.000543272	0	-6.85302E-10
Htl	W03	85 OAT	3 NoSATR	VFD_Chill	0.000543395	0	1.50921E-08
Htl	W04	85 OAT	3 NoSATR	VFD_Chill	0.000560312	0	-6.88389E-10
Htl	W05	85 OAT	3 NoSATR	VFD_Chill	0.000521293	0	1.57774E-08
Htl	W06	85 OAT	3 NoSATR	VFD_Chill	0.000555403	0	4.04729E-08
Htl	W07	85 OAT	3 NoSATR	VFD_Chill	0.000557472	0	1.98923E-08
Htl	W08	85 OAT	3 NoSATR	VFD_Chill	0.000579698	0	0
Htl	W09	85 OAT	3 NoSATR	VFD_Chill	0.000605227	0	1.01869E-09
Htl	W10	85 OAT	3 NoSATR	VFD_Chill	0.000539351	0	-6.79128E-10
Htl	W11	85 OAT	3 NoSATR	VFD_Chill	0.000483477	0	0
Htl	W12	85 OAT	3 NoSATR	VFD_Chill	0.000533517	0	-6.79128E-10
Htl	W13	85 OAT	3 NoSATR	VFD_Chill	0.000527621	0	0
Htl	W14	85 OAT	3 NoSATR	VFD_Chill	0.000479588	0	-3.39564E-10
Htl	W15	85 OAT	3 NoSATR	VFD_Chill	0.000394573	0	0
Htl	W16	85 OAT	3 NoSATR	VFD_Chill	0.000444335	0	-6.85302E-10
Htl	W01	85 OAT	3 OATSATR	VFD_Chill	0.000481625	0	4.73352E-08
Htl	W02	85 OAT	3 OATSATR	VFD_Chill	0.00051694	0	-3.42651E-10
Htl	W03	85 OAT	3 OATSATR	VFD_Chill	0.000518453	0	1.50921E-08
Htl	W04	85 OAT	3 OATSATR	VFD_Chill	0.000536573	0	-6.85302E-10
Htl	W05	85 OAT	3 OATSATR	VFD_Chill	0.000502524	0	1.57774E-08
Htl	W06	85 OAT	3 OATSATR	VFD_Chill	0.000537839	0	4.04729E-08
Htl	W07	85 OAT	3 OATSATR	VFD_Chill	0.000540833	0	1.98923E-08
Htl	W08	85 OAT	3 OATSATR	VFD_Chill	0.00056417	0	0
Htl	W09	85 OAT	3 OATSATR	VFD_Chill	0.000584945	0	1.35826E-09
Htl	W10	85 OAT	3 OATSATR	VFD_Chill	0.000519101	0	-6.79128E-10
Htl	W11	85 OAT	3 OATSATR	VFD_Chill	0.000452176	0	-3.39564E-10
Htl	W12	85 OAT	3 OATSATR	VFD_Chill	0.000510426	0	-7.09998E-10
Htl	W13	85 OAT	3 OATSATR	VFD_Chill	0.000507803	0	-3.39564E-10
Htl	W14	85 OAT	3 OATSATR	VFD_Chill	0.00046048	0	-3.39564E-10
Htl	W15	85 OAT	3 OATSATR	VFD_Chill	0.00038451	0	0
Htl	W16	85 OAT	3 OATSATR	VFD_Chill	0.000437575	0	-1.02795E-09
Htl	W01	85 OAT	3 DmdSATR	VFD_Chill	0.000476223	0	4.76748E-08
Htl	W02	85 OAT	3 DmdSATR	VFD_Chill	0.000515829	0	-6.85302E-10
Htl	W03	85 OAT	3 DmdSATR	VFD_Chill	0.000498758	0	1.50921E-08
Htl	W04	85 OAT	3 DmdSATR	VFD_Chill	0.000521879	0	-6.88389E-10
Htl	W05	85 OAT	3 DmdSATR	VFD_Chill	0.000494189	0	1.57774E-08
Htl	W06	85 OAT	3 DmdSATR	VFD_Chill	0.000515149	0	4.04729E-08
Htl	W07	85 OAT	3 DmdSATR	VFD_Chill	0.000529072	0	1.98954E-08
Htl	W08	85 OAT	3 DmdSATR	VFD_Chill	0.000550619	0	0
Htl	W09	85 OAT	3 DmdSATR	VFD_Chill	0.000565961	0	1.01869E-09
Htl	W10	85 OAT	3 DmdSATR	VFD_Chill	0.00050913	0	-3.39564E-10
Htl	W11	85 OAT	3 DmdSATR	VFD_Chill	0.000449027	0	0
Htl	W12	85 OAT	3 DmdSATR	VFD_Chill	0.000513328	0	-6.79128E-10
Htl	W13	85 OAT	3 DmdSATR	VFD_Chill	0.000501166	0	-3.39564E-10
Htl	W14	85 OAT	3 DmdSATR	VFD_Chill	0.000463567	0	-3.39564E-10
Htl	W15	85 OAT	3 DmdSATR	VFD_Chill	0.000376793	0	0
Htl	W16	85 OAT	3 DmdSATR	VFD_Chill	0.000435228	0	-6.85302E-10
Htl	W01	85 OAT	9 NoSATR	VFD_Chill	0.001231938	0	1.26907E-07
Htl	W02	85 OAT	9 NoSATR	VFD_Chill	0.001367671	0	-2.05591E-09
Htl	W03	85 OAT	9 NoSATR	VFD_Chill	0.001383785	0	4.39025E-08
Htl	W04	85 OAT	9 NoSATR	VFD_Chill	0.001430429	0	-2.40164E-09
Htl	W05	85 OAT	9 NoSATR	VFD_Chill	0.001329578	0	4.49336E-08
Htl	W06	85 OAT	9 NoSATR	VFD_Chill	0.001433454	0	1.12158E-07
Htl	W07	85 OAT	9 NoSATR	VFD_Chill	0.0014642	0	5.72783E-08
Htl	W08	85 OAT	9 NoSATR	VFD_Chill	0.001503126	0	3.42651E-10
Htl	W09	85 OAT	9 NoSATR	VFD_Chill	0.001547424	0	3.42651E-09

CHWST Reset db

Htl	W10	85 OAT	9 NoSATR	VFD_Chill	0.001389619	0	-1.72869E-09
Htl	W11	85 OAT	9 NoSATR	VFD_Chill	0.001234161	0	-7.09998E-10
Htl	W12	85 OAT	9 NoSATR	VFD_Chill	0.001374493	0	-2.06825E-09
Htl	W13	85 OAT	9 NoSATR	VFD_Chill	0.00134063	0	-6.79128E-10
Htl	W14	85 OAT	9 NoSATR	VFD_Chill	0.001217893	0	-6.79128E-10
Htl	W15	85 OAT	9 NoSATR	VFD_Chill	0.001031102	0	-3.39564E-10
Htl	W16	85 OAT	9 NoSATR	VFD_Chill	0.00111766	0	-2.39856E-09
Htl	W01	85 OAT	9 OATSATR	VFD_Chill	0.001213417	0	1.33081E-07
Htl	W02	85 OAT	9 OATSATR	VFD_Chill	0.00130692	0	-1.71325E-09
Htl	W03	85 OAT	9 OATSATR	VFD_Chill	0.001315255	0	4.39025E-08
Htl	W04	85 OAT	9 OATSATR	VFD_Chill	0.001371715	0	-2.40164E-09
Htl	W05	85 OAT	9 OATSATR	VFD_Chill	0.001282194	0	4.49336E-08
Htl	W06	85 OAT	9 OATSATR	VFD_Chill	0.001390422	0	1.12501E-07
Htl	W07	85 OAT	9 OATSATR	VFD_Chill	0.001413759	0	5.69356E-08
Htl	W08	85 OAT	9 OATSATR	VFD_Chill	0.001460465	0	0
Htl	W09	85 OAT	9 OATSATR	VFD_Chill	0.001495409	0	3.42651E-09
Htl	W10	85 OAT	9 OATSATR	VFD_Chill	0.00133674	0	-1.69782E-09
Htl	W11	85 OAT	9 OATSATR	VFD_Chill	0.001169304	0	-6.79128E-10
Htl	W12	85 OAT	9 OATSATR	VFD_Chill	0.001318836	0	-1.38913E-09
Htl	W13	85 OAT	9 OATSATR	VFD_Chill	0.001284571	0	-1.04956E-09
Htl	W14	85 OAT	9 OATSATR	VFD_Chill	0.001186375	0	-1.04956E-09
Htl	W15	85 OAT	9 OATSATR	VFD_Chill	0.000989397	0	-3.39564E-10
Htl	W16	85 OAT	9 OATSATR	VFD_Chill	0.001105559	0	-2.74429E-09
Htl	W01	85 OAT	9 DmdSATR	VFD_Chill	0.001197704	0	1.27593E-07
Htl	W02	85 OAT	9 DmdSATR	VFD_Chill	0.001293554	0	-1.71325E-09
Htl	W03	85 OAT	9 DmdSATR	VFD_Chill	0.001269105	0	4.42452E-08
Htl	W04	85 OAT	9 DmdSATR	VFD_Chill	0.001349458	0	-2.40164E-09
Htl	W05	85 OAT	9 DmdSATR	VFD_Chill	0.001261542	0	4.49336E-08
Htl	W06	85 OAT	9 DmdSATR	VFD_Chill	0.001344581	0	1.12504E-07
Htl	W07	85 OAT	9 DmdSATR	VFD_Chill	0.001386502	0	5.72814E-08
Htl	W08	85 OAT	9 DmdSATR	VFD_Chill	0.001419717	0	0
Htl	W09	85 OAT	9 DmdSATR	VFD_Chill	0.001446944	0	3.42651E-09
Htl	W10	85 OAT	9 DmdSATR	VFD_Chill	0.001309884	0	-1.35826E-09
Htl	W11	85 OAT	9 DmdSATR	VFD_Chill	0.001146461	0	-7.09998E-10
Htl	W12	85 OAT	9 DmdSATR	VFD_Chill	0.001305006	0	-2.37695E-09
Htl	W13	85 OAT	9 DmdSATR	VFD_Chill	0.001266666	0	-1.01869E-09
Htl	W14	85 OAT	9 DmdSATR	VFD_Chill	0.001187425	0	-1.01869E-09
Htl	W15	85 OAT	9 DmdSATR	VFD_Chill	0.00097458	0	-3.70433E-10
Htl	W16	85 OAT	9 DmdSATR	VFD_Chill	0.001099138	0	-3.08695E-09
Htl	W01	85 OAT	3 NoSATR	No_VFD_Chill	0.00013632	0	1.64627E-08
Htl	W02	85 OAT	3 NoSATR	No_VFD_Chill	0.000148513	0	-6.79128E-10
Htl	W03	85 OAT	3 NoSATR	No_VFD_Chill	0.000147525	0	5.48859E-09
Htl	W04	85 OAT	3 NoSATR	No_VFD_Chill	0.000152927	0	-1.04956E-09
Htl	W05	85 OAT	3 NoSATR	No_VFD_Chill	0.000142709	0	6.51654E-09
Htl	W06	85 OAT	3 NoSATR	No_VFD_Chill	0.000156817	0	1.47463E-08
Htl	W07	85 OAT	3 NoSATR	No_VFD_Chill	0.000150396	0	7.88715E-09
Htl	W08	85 OAT	3 NoSATR	No_VFD_Chill	0.000157805	0	0
Htl	W09	85 OAT	3 NoSATR	No_VFD_Chill	0.000169257	0	3.39564E-10
Htl	W10	85 OAT	3 NoSATR	No_VFD_Chill	0.000148667	0	-6.79128E-10
Htl	W11	85 OAT	3 NoSATR	No_VFD_Chill	0.000123231	0	-3.39564E-10
Htl	W12	85 OAT	3 NoSATR	No_VFD_Chill	0.000136258	0	-3.39564E-10
Htl	W13	85 OAT	3 NoSATR	No_VFD_Chill	0.000142401	0	-3.39564E-10
Htl	W14	85 OAT	3 NoSATR	No_VFD_Chill	0.000126935	0	0
Htl	W15	85 OAT	3 NoSATR	No_VFD_Chill	0.00010758	0	0
Htl	W16	85 OAT	3 NoSATR	No_VFD_Chill	0.000110297	0	-6.85302E-10
Htl	W01	85 OAT	3 OATSATR	No_VFD_Chill	0.000129312	0	1.612E-08
Htl	W02	85 OAT	3 OATSATR	No_VFD_Chill	0.000131103	0	-3.39564E-10
Htl	W03	85 OAT	3 OATSATR	No_VFD_Chill	0.000134838	0	5.48859E-09
Htl	W04	85 OAT	3 OATSATR	No_VFD_Chill	0.000138511	0	-6.79128E-10
Htl	W05	85 OAT	3 OATSATR	No_VFD_Chill	0.000131998	0	6.17389E-09
Htl	W06	85 OAT	3 OATSATR	No_VFD_Chill	0.000147649	0	1.47463E-08
Htl	W07	85 OAT	3 OATSATR	No_VFD_Chill	0.000143173	0	7.89023E-09
Htl	W08	85 OAT	3 OATSATR	No_VFD_Chill	0.000151631	0	-3.39564E-10
Htl	W09	85 OAT	3 OATSATR	No_VFD_Chill	0.00016083	0	6.79128E-10
Htl	W10	85 OAT	3 OATSATR	No_VFD_Chill	0.000138419	0	-3.39564E-10
Htl	W11	85 OAT	3 OATSATR	No_VFD_Chill	0.000103907	0	-3.39564E-10
Htl	W12	85 OAT	3 OATSATR	No_VFD_Chill	0.000123478	0	-6.79128E-10
Htl	W13	85 OAT	3 OATSATR	No_VFD_Chill	0.000132214	0	-3.70433E-10
Htl	W14	85 OAT	3 OATSATR	No_VFD_Chill	0.000112396	0	-3.39564E-10
Htl	W15	85 OAT	3 OATSATR	No_VFD_Chill	0.000104246	0	0
Htl	W16	85 OAT	3 OATSATR	No_VFD_Chill	0.000105882	0	-6.85302E-10
Htl	W01	85 OAT	3 DmdSATR	No_VFD_Chill	0.000128047	0	1.68053E-08
Htl	W02	85 OAT	3 DmdSATR	No_VFD_Chill	0.000133294	0	-3.39564E-10
Htl	W03	85 OAT	3 DmdSATR	No_VFD_Chill	0.000123416	0	5.48859E-09
Htl	W04	85 OAT	3 DmdSATR	No_VFD_Chill	0.000130732	0	-6.79128E-10
Htl	W05	85 OAT	3 DmdSATR	No_VFD_Chill	0.000130238	0	6.17389E-09
Htl	W06	85 OAT	3 DmdSATR	No_VFD_Chill	0.000134869	0	1.47463E-08
Htl	W07	85 OAT	3 DmdSATR	No_VFD_Chill	0.000139962	0	8.23288E-09
Htl	W08	85 OAT	3 DmdSATR	No_VFD_Chill	0.000148667	0	-3.39564E-10
Htl	W09	85 OAT	3 DmdSATR	No_VFD_Chill	0.000153298	0	3.39564E-10
Htl	W10	85 OAT	3 DmdSATR	No_VFD_Chill	0.000135548	0	-3.39564E-10
Htl	W11	85 OAT	3 DmdSATR	No_VFD_Chill	0.000104802	0	-3.39564E-10
Htl	W12	85 OAT	3 DmdSATR	No_VFD_Chill	0.000130485	0	-7.09998E-10
Htl	W13	85 OAT	3 DmdSATR	No_VFD_Chill	0.000130701	0	-3.39564E-10
Htl	W14	85 OAT	3 DmdSATR	No_VFD_Chill	0.000116409	0	-3.70433E-10
Htl	W15	85 OAT	3 DmdSATR	No_VFD_Chill	9.99862E-05	0	0
Htl	W16	85 OAT	3 DmdSATR	No_VFD_Chill	0.000104215	0	-3.42651E-10
Htl	W01	85 OAT	9 NoSATR	No_VFD_Chill	0.000330118	0	4.42452E-08
Htl	W02	85 OAT	9 NoSATR	No_VFD_Chill	0.000358364	0	-1.69782E-09
Htl	W03	85 OAT	9 NoSATR	No_VFD_Chill	0.000368489	0	1.612E-08
Htl	W04	85 OAT	9 NoSATR	No_VFD_Chill	0.000379077	0	-2.40782E-09
Htl	W05	85 OAT	9 NoSATR	No_VFD_Chill	0.000355678	0	1.81759E-08
Htl	W06	85 OAT	9 NoSATR	No_VFD_Chill	0.000398278	0	4.08156E-08
Htl	W07	85 OAT	9 NoSATR	No_VFD_Chill	0.000401272	0	2.29792E-08
Htl	W08	85 OAT	9 NoSATR	No_VFD_Chill	0.000403093	0	-3.39564E-10
Htl	W09	85 OAT	9 NoSATR	No_VFD_Chill	0.000414237	0	1.01869E-09
Htl	W10	85 OAT	9 NoSATR	No_VFD_Chill	0.000377996	0	-1.35826E-09
Htl	W11	85 OAT	9 NoSATR	No_VFD_Chill	0.000304898	0	-6.79128E-10

## CHWST Reset db

Htl	W12	85 OAT	9 NoSATR	No_VFD_Chill	0.00035361	0	-1.69782E-09
Htl	W13	85 OAT	9 NoSATR	No_VFD_Chill	0.000342651	0	-1.01869E-09
Htl	W14	85 OAT	9 NoSATR	No_VFD_Chill	0.00030959	0	-6.79128E-10
Htl	W15	85 OAT	9 NoSATR	No_VFD_Chill	0.000280943	0	-3.39564E-10
Htl	W16	85 OAT	9 NoSATR	No_VFD_Chill	0.000262452	0	-2.05899E-09
Htl	W01	85 OAT	9 OATSATR	No_VFD_Chill	0.000317863	0	5.00764E-08
Htl	W02	85 OAT	9 OATSATR	No_VFD_Chill	0.000316535	0	-1.38913E-09
Htl	W03	85 OAT	9 OATSATR	No_VFD_Chill	0.000326846	0	1.612E-08
Htl	W04	85 OAT	9 OATSATR	No_VFD_Chill	0.000342466	0	-2.37695E-09
Htl	W05	85 OAT	9 OATSATR	No_VFD_Chill	0.000326938	0	1.8179E-08
Htl	W06	85 OAT	9 OATSATR	No_VFD_Chill	0.000373551	0	4.08156E-08
Htl	W07	85 OAT	9 OATSATR	No_VFD_Chill	0.000371452	0	2.29792E-08
Htl	W08	85 OAT	9 OATSATR	No_VFD_Chill	0.000382689	0	-7.09998E-10
Htl	W09	85 OAT	9 OATSATR	No_VFD_Chill	0.000390375	0	1.38913E-09
Htl	W10	85 OAT	9 OATSATR	No_VFD_Chill	0.00034759	0	-1.35826E-09
Htl	W11	85 OAT	9 OATSATR	No_VFD_Chill	0.000267206	0	-6.79128E-10
Htl	W12	85 OAT	9 OATSATR	No_VFD_Chill	0.00032166	0	-1.35826E-09
Htl	W13	85 OAT	9 OATSATR	No_VFD_Chill	0.000308509	0	-1.04956E-09
Htl	W14	85 OAT	9 OATSATR	No_VFD_Chill	0.000288444	0	-7.09998E-10
Htl	W15	85 OAT	9 OATSATR	No_VFD_Chill	0.00025458	0	0
Htl	W16	85 OAT	9 OATSATR	No_VFD_Chill	0.000256	0	-2.05591E-09
Htl	W01	85 OAT	9 DmdSATR	No_VFD_Chill	0.000312337	0	4.42452E-08
Htl	W02	85 OAT	9 DmdSATR	No_VFD_Chill	0.000312214	0	-1.38913E-09
Htl	W03	85 OAT	9 DmdSATR	No_VFD_Chill	0.000300422	0	1.64658E-08
Htl	W04	85 OAT	9 DmdSATR	No_VFD_Chill	0.000338638	0	-2.03738E-09
Htl	W05	85 OAT	9 DmdSATR	No_VFD_Chill	0.000323018	0	1.8179E-08
Htl	W06	85 OAT	9 DmdSATR	No_VFD_Chill	0.000352344	0	4.11582E-08
Htl	W07	85 OAT	9 DmdSATR	No_VFD_Chill	0.000366606	0	2.3325E-08
Htl	W08	85 OAT	9 DmdSATR	No_VFD_Chill	0.000368859	0	-6.79128E-10
Htl	W09	85 OAT	9 DmdSATR	No_VFD_Chill	0.000371236	0	1.01869E-09
Htl	W10	85 OAT	9 DmdSATR	No_VFD_Chill	0.000339533	0	-1.35826E-09
Htl	W11	85 OAT	9 DmdSATR	No_VFD_Chill	0.000254333	0	-6.79128E-10
Htl	W12	85 OAT	9 DmdSATR	No_VFD_Chill	0.000319252	0	-1.72869E-09
Htl	W13	85 OAT	9 DmdSATR	No_VFD_Chill	0.000303972	0	-1.01869E-09
Htl	W14	85 OAT	9 DmdSATR	No_VFD_Chill	0.000293167	0	-7.09998E-10
Htl	W15	85 OAT	9 DmdSATR	No_VFD_Chill	0.000249086	0	-3.39564E-10
Htl	W16	85 OAT	9 DmdSATR	No_VFD_Chill	0.000251061	0	-2.40164E-09
Htl	W01	96 OAT	3 NoSATR	VFD_Chill	0.000442267	0	4.59615E-08
Htl	W02	96 OAT	3 NoSATR	VFD_Chill	0.000467178	0	-3.42651E-10
Htl	W03	96 OAT	3 NoSATR	VFD_Chill	0.00050663	0	1.47494E-08
Htl	W04	96 OAT	3 NoSATR	VFD_Chill	0.000519286	0	-3.42651E-10
Htl	W05	96 OAT	3 NoSATR	VFD_Chill	0.000483416	0	1.54347E-08
Htl	W06	96 OAT	3 NoSATR	VFD_Chill	0.000475112	0	3.56697E-08
Htl	W07	96 OAT	3 NoSATR	VFD_Chill	0.000494158	0	1.81759E-08
Htl	W08	96 OAT	3 NoSATR	VFD_Chill	0.00051163	0	3.42651E-10
Htl	W09	96 OAT	3 NoSATR	VFD_Chill	0.000509747	0	1.37369E-09
Htl	W10	96 OAT	3 NoSATR	VFD_Chill	0.000499962	0	-3.42651E-10
Htl	W11	96 OAT	3 NoSATR	VFD_Chill	0.00037457	0	0
Htl	W12	96 OAT	3 NoSATR	VFD_Chill	0.000423375	0	-3.42651E-10
Htl	W13	96 OAT	3 NoSATR	VFD_Chill	0.000422109	0	-3.42651E-10
Htl	W14	96 OAT	3 NoSATR	VFD_Chill	0.000381207	0	-3.42651E-10
Htl	W15	96 OAT	3 NoSATR	VFD_Chill	0.000326938	0	-3.42651E-10
Htl	W16	96 OAT	3 NoSATR	VFD_Chill	0.000319561	0	-3.42651E-10
Htl	W01	96 OAT	3 OATSATR	VFD_Chill	0.000421553	0	4.63042E-08
Htl	W02	96 OAT	3 OATSATR	VFD_Chill	0.000443779	0	-6.88389E-10
Htl	W03	96 OAT	3 OATSATR	VFD_Chill	0.000456775	0	1.47494E-08
Htl	W04	96 OAT	3 OATSATR	VFD_Chill	0.000490948	0	-6.85302E-10
Htl	W05	96 OAT	3 OATSATR	VFD_Chill	0.000445323	0	1.54347E-08
Htl	W06	96 OAT	3 OATSATR	VFD_Chill	0.000432172	0	3.56727E-08
Htl	W07	96 OAT	3 OATSATR	VFD_Chill	0.000461529	0	1.8179E-08
Htl	W08	96 OAT	3 OATSATR	VFD_Chill	0.000472087	0	3.42651E-10
Htl	W09	96 OAT	3 OATSATR	VFD_Chill	0.000475359	0	1.3706E-09
Htl	W10	96 OAT	3 OATSATR	VFD_Chill	0.000471315	0	-3.42651E-10
Htl	W11	96 OAT	3 OATSATR	VFD_Chill	0.000348084	0	0
Htl	W12	96 OAT	3 OATSATR	VFD_Chill	0.000395901	0	-6.85302E-10
Htl	W13	96 OAT	3 OATSATR	VFD_Chill	0.000393061	0	-3.42651E-10
Htl	W14	96 OAT	3 OATSATR	VFD_Chill	0.000365494	0	-3.42651E-10
Htl	W15	96 OAT	3 OATSATR	VFD_Chill	0.000303354	0	0
Htl	W16	96 OAT	3 OATSATR	VFD_Chill	0.000311812	0	-3.42651E-10
Htl	W01	96 OAT	3 DmdSATR	VFD_Chill	0.000419115	0	4.66468E-08
Htl	W02	96 OAT	3 DmdSATR	VFD_Chill	0.000433345	0	-3.42651E-10
Htl	W03	96 OAT	3 DmdSATR	VFD_Chill	0.000445385	0	1.47494E-08
Htl	W04	96 OAT	3 DmdSATR	VFD_Chill	0.000487521	0	-6.85302E-10
Htl	W05	96 OAT	3 DmdSATR	VFD_Chill	0.000438562	0	1.57774E-08
Htl	W06	96 OAT	3 DmdSATR	VFD_Chill	0.000414114	0	3.60154E-08
Htl	W07	96 OAT	3 DmdSATR	VFD_Chill	0.000437019	0	1.8179E-08
Htl	W08	96 OAT	3 DmdSATR	VFD_Chill	0.000448194	0	0
Htl	W09	96 OAT	3 DmdSATR	VFD_Chill	0.000452855	0	1.03104E-09
Htl	W10	96 OAT	3 DmdSATR	VFD_Chill	0.000461097	0	-3.42651E-10
Htl	W11	96 OAT	3 DmdSATR	VFD_Chill	0.000343947	0	-3.45738E-10
Htl	W12	96 OAT	3 DmdSATR	VFD_Chill	0.000391394	0	-3.42651E-10
Htl	W13	96 OAT	3 DmdSATR	VFD_Chill	0.000387381	0	0
Htl	W14	96 OAT	3 DmdSATR	VFD_Chill	0.000366976	0	0
Htl	W15	96 OAT	3 DmdSATR	VFD_Chill	0.000296254	0	0
Htl	W16	96 OAT	3 DmdSATR	VFD_Chill	0.000310516	0	-3.45738E-10
Htl	W01	96 OAT	9 NoSATR	VFD_Chill	0.001102194	0	1.23478E-07
Htl	W02	96 OAT	9 NoSATR	VFD_Chill	0.00118727	0	-1.37369E-09
Htl	W03	96 OAT	9 NoSATR	VFD_Chill	0.001285836	0	4.28746E-08
Htl	W04	96 OAT	9 NoSATR	VFD_Chill	0.001324454	0	-1.71325E-09
Htl	W05	96 OAT	9 NoSATR	VFD_Chill	0.001228913	0	4.39056E-08
Htl	W06	96 OAT	9 NoSATR	VFD_Chill	0.001229963	0	9.91249E-08
Htl	W07	96 OAT	9 NoSATR	VFD_Chill	0.001287071	0	5.21323E-08
Htl	W08	96 OAT	9 NoSATR	VFD_Chill	0.001326615	0	3.42651E-10
Htl	W09	96 OAT	9 NoSATR	VFD_Chill	0.001319144	0	3.4296E-09
Htl	W10	96 OAT	9 NoSATR	VFD_Chill	0.001291794	0	-1.3706E-09
Htl	W11	96 OAT	9 NoSATR	VFD_Chill	0.00096643	0	-3.42651E-10
Htl	W12	96 OAT	9 NoSATR	VFD_Chill	0.001079289	0	-1.37369E-09
Htl	W13	96 OAT	9 NoSATR	VFD_Chill	0.001070059	0	-6.85302E-10

## CHWST Reset db

Htl	W14	96 OAT	9 NoSATR	VFD_Chill	0.000971678	0	-6.85302E-10
Htl	W15	96 OAT	9 NoSATR	VFD_Chill	0.000857523	0	-3.42651E-10
Htl	W16	96 OAT	9 NoSATR	VFD_Chill	0.000816405	0	-1.71634E-09
Htl	W01	96 OAT	9 OATSATR	VFD_Chill	0.00105271	0	1.23824E-07
Htl	W02	96 OAT	9 OATSATR	VFD_Chill	0.001115499	0	-1.71634E-09
Htl	W03	96 OAT	9 OATSATR	VFD_Chill	0.001170632	0	4.32172E-08
Htl	W04	96 OAT	9 OATSATR	VFD_Chill	0.001254411	0	-2.05899E-09
Htl	W05	96 OAT	9 OATSATR	VFD_Chill	0.001140534	0	4.39025E-08
Htl	W06	96 OAT	9 OATSATR	VFD_Chill	0.00112476	0	9.94707E-08
Htl	W07	96 OAT	9 OATSATR	VFD_Chill	0.001205761	0	5.21354E-08
Htl	W08	96 OAT	9 OATSATR	VFD_Chill	0.00123521	0	3.42651E-10
Htl	W09	96 OAT	9 OATSATR	VFD_Chill	0.00121743	0	3.4296E-09
Htl	W10	96 OAT	9 OATSATR	VFD_Chill	0.00122382	0	-1.37369E-09
Htl	W11	96 OAT	9 OATSATR	VFD_Chill	0.000897684	0	-3.42651E-10
Htl	W12	96 OAT	9 OATSATR	VFD_Chill	0.001013444	0	-1.71325E-09
Htl	W13	96 OAT	9 OATSATR	VFD_Chill	0.000995139	0	-6.85302E-10
Htl	W14	96 OAT	9 OATSATR	VFD_Chill	0.000933307	0	-6.85302E-10
Htl	W15	96 OAT	9 OATSATR	VFD_Chill	0.000798037	0	0
Htl	W16	96 OAT	9 OATSATR	VFD_Chill	0.000798562	0	-1.71634E-09
Htl	W01	96 OAT	9 DmdSATR	VFD_Chill	0.001044036	0	1.24506E-07
Htl	W02	96 OAT	9 DmdSATR	VFD_Chill	0.0011017	0	-1.3706E-09
Htl	W03	96 OAT	9 DmdSATR	VFD_Chill	0.001139423	0	4.32172E-08
Htl	W04	96 OAT	9 DmdSATR	VFD_Chill	0.001231784	0	-1.71325E-09
Htl	W05	96 OAT	9 DmdSATR	VFD_Chill	0.001123123	0	4.45909E-08
Htl	W06	96 OAT	9 DmdSATR	VFD_Chill	0.001075183	0	9.98102E-08
Htl	W07	96 OAT	9 DmdSATR	VFD_Chill	0.001141522	0	5.24781E-08
Htl	W08	96 OAT	9 DmdSATR	VFD_Chill	0.001177824	0	3.45738E-10
Htl	W09	96 OAT	9 DmdSATR	VFD_Chill	0.001164982	0	3.4296E-09
Htl	W10	96 OAT	9 DmdSATR	VFD_Chill	0.001202304	0	-1.37369E-09
Htl	W11	96 OAT	9 DmdSATR	VFD_Chill	0.000880243	0	-6.88389E-10
Htl	W12	96 OAT	9 DmdSATR	VFD_Chill	0.000999707	0	-1.37369E-09
Htl	W13	96 OAT	9 DmdSATR	VFD_Chill	0.000981896	0	-6.85302E-10
Htl	W14	96 OAT	9 DmdSATR	VFD_Chill	0.000926238	0	-6.85302E-10
Htl	W15	96 OAT	9 DmdSATR	VFD_Chill	0.000780658	0	-3.42651E-10
Htl	W16	96 OAT	9 DmdSATR	VFD_Chill	0.000796309	0	-1.71634E-09
Htl	W01	96 OAT	3 NoSATR	No_VFD_Chill	0.000124188	0	1.612E-08
Htl	W02	96 OAT	3 NoSATR	No_VFD_Chill	0.000120669	0	-3.42651E-10
Htl	W03	96 OAT	3 NoSATR	No_VFD_Chill	0.000146599	0	5.48859E-09
Htl	W04	96 OAT	3 NoSATR	No_VFD_Chill	0.000146043	0	-3.45738E-10
Htl	W05	96 OAT	3 NoSATR	No_VFD_Chill	0.000138264	0	6.17389E-09
Htl	W06	96 OAT	3 NoSATR	No_VFD_Chill	0.000139406	0	1.26935E-08
Htl	W07	96 OAT	3 NoSATR	No_VFD_Chill	0.000143327	0	7.20184E-09
Htl	W08	96 OAT	3 NoSATR	No_VFD_Chill	0.000149223	0	0
Htl	W09	96 OAT	3 NoSATR	No_VFD_Chill	0.000145673	0	3.70433E-10
Htl	W10	96 OAT	3 NoSATR	No_VFD_Chill	0.000140333	0	-3.39564E-10
Htl	W11	96 OAT	3 NoSATR	No_VFD_Chill	9.78253E-05	0	-3.42651E-10
Htl	W12	96 OAT	3 NoSATR	No_VFD_Chill	0.000114464	0	-6.85302E-10
Htl	W13	96 OAT	3 NoSATR	No_VFD_Chill	0.000119033	0	0
Htl	W14	96 OAT	3 NoSATR	No_VFD_Chill	0.000105049	0	-3.42651E-10
Htl	W15	96 OAT	3 NoSATR	No_VFD_Chill	9.13736E-05	0	0
Htl	W16	96 OAT	3 NoSATR	No_VFD_Chill	8.07236E-05	0	-3.42651E-10
Htl	W01	96 OAT	3 OATSATR	No_VFD_Chill	0.000111686	0	1.57774E-08
Htl	W02	96 OAT	3 OATSATR	No_VFD_Chill	0.000109617	0	-3.42651E-10
Htl	W03	96 OAT	3 OATSATR	No_VFD_Chill	0.000118477	0	5.48859E-09
Htl	W04	96 OAT	3 OATSATR	No_VFD_Chill	0.000132214	0	-6.85302E-10
Htl	W05	96 OAT	3 OATSATR	No_VFD_Chill	0.00011539	0	6.17389E-09
Htl	W06	96 OAT	3 OATSATR	No_VFD_Chill	0.000119218	0	1.26904E-08
Htl	W07	96 OAT	3 OATSATR	No_VFD_Chill	0.000128664	0	7.20184E-09
Htl	W08	96 OAT	3 OATSATR	No_VFD_Chill	0.000129281	0	0
Htl	W09	96 OAT	3 OATSATR	No_VFD_Chill	0.000133016	0	3.39564E-10
Htl	W10	96 OAT	3 OATSATR	No_VFD_Chill	0.000125453	0	-3.39564E-10
Htl	W11	96 OAT	3 OATSATR	No_VFD_Chill	8.39649E-05	0	-3.42651E-10
Htl	W12	96 OAT	3 OATSATR	No_VFD_Chill	9.92762E-05	0	-3.42651E-10
Htl	W13	96 OAT	3 OATSATR	No_VFD_Chill	0.000101715	0	0
Htl	W14	96 OAT	3 OATSATR	No_VFD_Chill	9.62818E-05	0	0
Htl	W15	96 OAT	3 OATSATR	No_VFD_Chill	7.88715E-05	0	0
Htl	W16	96 OAT	3 OATSATR	No_VFD_Chill	7.68958E-05	0	-6.85302E-10
Htl	W01	96 OAT	3 DmdSATR	No_VFD_Chill	0.000111223	0	1.57774E-08
Htl	W02	96 OAT	3 DmdSATR	No_VFD_Chill	0.000101499	0	-3.45738E-10
Htl	W03	96 OAT	3 DmdSATR	No_VFD_Chill	0.000112488	0	5.83124E-09
Htl	W04	96 OAT	3 DmdSATR	No_VFD_Chill	0.000133881	0	-6.85302E-10
Htl	W05	96 OAT	3 DmdSATR	No_VFD_Chill	0.000112457	0	6.17389E-09
Htl	W06	96 OAT	3 DmdSATR	No_VFD_Chill	0.000111686	0	1.30331E-08
Htl	W07	96 OAT	3 DmdSATR	No_VFD_Chill	0.000115946	0	7.20184E-09
Htl	W08	96 OAT	3 DmdSATR	No_VFD_Chill	0.000117829	0	0
Htl	W09	96 OAT	3 DmdSATR	No_VFD_Chill	0.000121348	0	3.39564E-10
Htl	W10	96 OAT	3 DmdSATR	No_VFD_Chill	0.000121348	0	-3.39564E-10
Htl	W11	96 OAT	3 DmdSATR	No_VFD_Chill	8.29154E-05	0	-3.42651E-10
Htl	W12	96 OAT	3 DmdSATR	No_VFD_Chill	9.7887E-05	0	-3.42651E-10
Htl	W13	96 OAT	3 DmdSATR	No_VFD_Chill	9.99244E-05	0	-3.42651E-10
Htl	W14	96 OAT	3 DmdSATR	No_VFD_Chill	9.94305E-05	0	0
Htl	W15	96 OAT	3 DmdSATR	No_VFD_Chill	7.54141E-05	0	0
Htl	W16	96 OAT	3 DmdSATR	No_VFD_Chill	7.60932E-05	0	-3.42651E-10
Htl	W01	96 OAT	9 NoSATR	No_VFD_Chill	0.000292642	0	4.28746E-08
Htl	W02	96 OAT	9 NoSATR	No_VFD_Chill	0.000296933	0	-1.3706E-09
Htl	W03	96 OAT	9 NoSATR	No_VFD_Chill	0.000362624	0	1.612E-08
Htl	W04	96 OAT	9 NoSATR	No_VFD_Chill	0.000360648	0	-1.71634E-09
Htl	W05	96 OAT	9 NoSATR	No_VFD_Chill	0.000340552	0	1.78364E-08
Htl	W06	96 OAT	9 NoSATR	No_VFD_Chill	0.000358333	0	3.49874E-08
Htl	W07	96 OAT	9 NoSATR	No_VFD_Chill	0.000370619	0	2.09233E-08
Htl	W08	96 OAT	9 NoSATR	No_VFD_Chill	0.000381917	0	0
Htl	W09	96 OAT	9 NoSATR	No_VFD_Chill	0.000372687	0	1.04956E-09
Htl	W10	96 OAT	9 NoSATR	No_VFD_Chill	0.00035895	0	-1.01869E-09
Htl	W11	96 OAT	9 NoSATR	No_VFD_Chill	0.000250907	0	-6.85302E-10
Htl	W12	96 OAT	9 NoSATR	No_VFD_Chill	0.000283505	0	-1.3706E-09
Htl	W13	96 OAT	9 NoSATR	No_VFD_Chill	0.000282517	0	-3.42651E-10
Htl	W14	96 OAT	9 NoSATR	No_VFD_Chill	0.000258624	0	-6.85302E-10
Htl	W15	96 OAT	9 NoSATR	No_VFD_Chill	0.000239053	0	0



## CHWST Reset db

Htl	W16	96 OAT	9 NoSATR	No_VFD_Chill	0.00020343	0	-1.3706E-09
Htl	W01	96 OAT	9 OATSATR	No_VFD_Chill	0.000261866	0	4.25319E-08
Htl	W02	96 OAT	9 OATSATR	No_VFD_Chill	0.000253315	0	-1.37369E-09
Htl	W03	96 OAT	9 OATSATR	No_VFD_Chill	0.000297551	0	1.61231E-08
Htl	W04	96 OAT	9 OATSATR	No_VFD_Chill	0.000325271	0	-1.71325E-09
Htl	W05	96 OAT	9 OATSATR	No_VFD_Chill	0.000287024	0	1.74937E-08
Htl	W06	96 OAT	9 OATSATR	No_VFD_Chill	0.000306626	0	3.53301E-08
Htl	W07	96 OAT	9 OATSATR	No_VFD_Chill	0.000332279	0	2.09233E-08
Htl	W08	96 OAT	9 OATSATR	No_VFD_Chill	0.000338422	0	-3.42651E-10
Htl	W09	96 OAT	9 OATSATR	No_VFD_Chill	0.000322771	0	1.04956E-09
Htl	W10	96 OAT	9 OATSATR	No_VFD_Chill	0.00032379	0	-1.01869E-09
Htl	W11	96 OAT	9 OATSATR	No_VFD_Chill	0.000210931	0	-6.85302E-10
Htl	W12	96 OAT	9 OATSATR	No_VFD_Chill	0.000246431	0	-1.3706E-09
Htl	W13	96 OAT	9 OATSATR	No_VFD_Chill	0.000234176	0	-3.39564E-10
Htl	W14	96 OAT	9 OATSATR	No_VFD_Chill	0.0002368	0	-3.42651E-10
Htl	W15	96 OAT	9 OATSATR	No_VFD_Chill	0.000205282	0	0
Htl	W16	96 OAT	9 OATSATR	No_VFD_Chill	0.000194879	0	-1.71325E-09
Htl	W01	96 OAT	9 DmdSATR	No_VFD_Chill	0.000258007	0	4.28746E-08
Htl	W02	96 OAT	9 DmdSATR	No_VFD_Chill	0.000245196	0	-1.37369E-09
Htl	W03	96 OAT	9 DmdSATR	No_VFD_Chill	0.000279461	0	1.64658E-08
Htl	W04	96 OAT	9 DmdSATR	No_VFD_Chill	0.00031527	0	-1.71634E-09
Htl	W05	96 OAT	9 DmdSATR	No_VFD_Chill	0.000279183	0	1.8179E-08
Htl	W06	96 OAT	9 DmdSATR	No_VFD_Chill	0.000283227	0	3.56697E-08
Htl	W07	96 OAT	9 DmdSATR	No_VFD_Chill	0.000296347	0	2.09233E-08
Htl	W08	96 OAT	9 DmdSATR	No_VFD_Chill	0.000311349	0	-3.42651E-10
Htl	W09	96 OAT	9 DmdSATR	No_VFD_Chill	0.000297088	0	1.01869E-09
Htl	W10	96 OAT	9 DmdSATR	No_VFD_Chill	0.00031848	0	-1.38913E-09
Htl	W11	96 OAT	9 DmdSATR	No_VFD_Chill	0.0002013	0	-6.85302E-10
Htl	W12	96 OAT	9 DmdSATR	No_VFD_Chill	0.000240844	0	-1.3706E-09
Htl	W13	96 OAT	9 DmdSATR	No_VFD_Chill	0.00023149	0	-6.85302E-10
Htl	W14	96 OAT	9 DmdSATR	No_VFD_Chill	0.000234021	0	-3.42651E-10
Htl	W15	96 OAT	9 DmdSATR	No_VFD_Chill	0.00019741	0	-3.39564E-10
Htl	W16	96 OAT	9 DmdSATR	No_VFD_Chill	0.000194138	0	-1.3706E-09
Htl	W01	3 OAT	3 NoSATR	VFD_Chill	0.000260137	0	2.91562E-08
Htl	W02	3 OAT	3 NoSATR	VFD_Chill	0.000284987	0	-3.42651E-10
Htl	W03	3 OAT	3 NoSATR	VFD_Chill	0.000308417	0	9.26084E-09
Htl	W04	3 OAT	3 NoSATR	VFD_Chill	0.000339626	0	-3.42651E-10
Htl	W05	3 OAT	3 NoSATR	VFD_Chill	0.000294556	0	9.60349E-09
Htl	W06	3 OAT	3 NoSATR	VFD_Chill	0.000335088	0	2.5384E-08
Htl	W07	3 OAT	3 NoSATR	VFD_Chill	0.000361142	0	1.33757E-08
Htl	W08	3 OAT	3 NoSATR	VFD_Chill	0.000367748	0	0
Htl	W09	3 OAT	3 NoSATR	VFD_Chill	0.000366606	0	6.85302E-10
Htl	W10	3 OAT	3 NoSATR	VFD_Chill	0.000312275	0	-3.42651E-10
Htl	W11	3 OAT	3 NoSATR	VFD_Chill	0.000262884	0	0
Htl	W12	3 OAT	3 NoSATR	VFD_Chill	0.000300329	0	-3.42651E-10
Htl	W13	3 OAT	3 NoSATR	VFD_Chill	0.000290543	0	0
Htl	W14	3 OAT	3 NoSATR	VFD_Chill	0.000265416	0	-5.48859E-09
Htl	W15	3 OAT	3 NoSATR	VFD_Chill	0.000237386	0	0
Htl	W16	3 OAT	3 NoSATR	VFD_Chill	0.000243869	0	-6.85302E-10
Htl	W01	3 OAT	3 OATSATR	VFD_Chill	0.000242757	0	2.91562E-08
Htl	W02	3 OAT	3 OATSATR	VFD_Chill	0.000268904	0	-3.42651E-10
Htl	W03	3 OAT	3 OATSATR	VFD_Chill	0.000280634	0	9.26084E-09
Htl	W04	3 OAT	3 OATSATR	VFD_Chill	0.000327309	0	-6.85302E-10
Htl	W05	3 OAT	3 OATSATR	VFD_Chill	0.000278288	0	9.60349E-09
Htl	W06	3 OAT	3 OATSATR	VFD_Chill	0.0003103	0	2.5384E-08
Htl	W07	3 OAT	3 OATSATR	VFD_Chill	0.000343978	0	1.30331E-08
Htl	W08	3 OAT	3 OATSATR	VFD_Chill	0.000346818	0	0
Htl	W09	3 OAT	3 OATSATR	VFD_Chill	0.0003412	0	3.42651E-10
Htl	W10	3 OAT	3 OATSATR	VFD_Chill	0.000293445	0	0
Htl	W11	3 OAT	3 OATSATR	VFD_Chill	0.000252142	0	0
Htl	W12	3 OAT	3 OATSATR	VFD_Chill	0.000285882	0	-6.85302E-10
Htl	W13	3 OAT	3 OATSATR	VFD_Chill	0.000276158	0	0
Htl	W14	3 OAT	3 OATSATR	VFD_Chill	0.000253654	0	-3.42651E-10
Htl	W15	3 OAT	3 OATSATR	VFD_Chill	0.000222353	0	0
Htl	W16	3 OAT	3 OATSATR	VFD_Chill	0.000241492	0	-3.42651E-10
Htl	W01	3 OAT	3 DmdSATR	VFD_Chill	0.000242449	0	2.91531E-08
Htl	W02	3 OAT	3 DmdSATR	VFD_Chill	0.000266064	0	-3.42651E-10
Htl	W03	3 OAT	3 DmdSATR	VFD_Chill	0.000277146	0	9.26084E-09
Htl	W04	3 OAT	3 DmdSATR	VFD_Chill	0.000324932	0	-3.42651E-10
Htl	W05	3 OAT	3 DmdSATR	VFD_Chill	0.000273226	0	9.26084E-09
Htl	W06	3 OAT	3 DmdSATR	VFD_Chill	0.000305916	0	2.53809E-08
Htl	W07	3 OAT	3 DmdSATR	VFD_Chill	0.000338761	0	1.33757E-08
Htl	W08	3 OAT	3 DmdSATR	VFD_Chill	0.000339101	0	0
Htl	W09	3 OAT	3 DmdSATR	VFD_Chill	0.000336045	0	1.03104E-09
Htl	W10	3 OAT	3 DmdSATR	VFD_Chill	0.00029326	0	0
Htl	W11	3 OAT	3 DmdSATR	VFD_Chill	0.000249549	0	0
Htl	W12	3 OAT	3 DmdSATR	VFD_Chill	0.000285666	0	-3.42651E-10
Htl	W13	3 OAT	3 DmdSATR	VFD_Chill	0.000273843	0	0
Htl	W14	3 OAT	3 DmdSATR	VFD_Chill	0.000254179	0	0
Htl	W15	3 OAT	3 DmdSATR	VFD_Chill	0.000215839	0	0
Htl	W16	3 OAT	3 DmdSATR	VFD_Chill	0.000240967	0	-3.42651E-10
Htl	W01	3 OAT	9 NoSATR	VFD_Chill	0.000656871	0	7.82047E-08
Htl	W02	3 OAT	9 NoSATR	VFD_Chill	0.000713054	0	-1.02795E-09
Htl	W03	3 OAT	9 NoSATR	VFD_Chill	0.000783961	0	2.67515E-08
Htl	W04	3 OAT	9 NoSATR	VFD_Chill	0.000865734	0	-1.37369E-09
Htl	W05	3 OAT	9 NoSATR	VFD_Chill	0.000754696	0	2.70972E-08
Htl	W06	3 OAT	9 NoSATR	VFD_Chill	0.000865117	0	7.03144E-08
Htl	W07	3 OAT	9 NoSATR	VFD_Chill	0.000943185	0	3.80713E-08
Htl	W08	3 OAT	9 NoSATR	VFD_Chill	0.000954607	0	0
Htl	W09	3 OAT	9 NoSATR	VFD_Chill	0.000942537	0	2.40164E-09
Htl	W10	3 OAT	9 NoSATR	VFD_Chill	0.000804921	0	-6.85302E-10
Htl	W11	3 OAT	9 NoSATR	VFD_Chill	0.000672892	0	-3.45738E-10
Htl	W12	3 OAT	9 NoSATR	VFD_Chill	0.000757567	0	-1.02795E-09
Htl	W13	3 OAT	9 NoSATR	VFD_Chill	0.000746887	0	-3.42651E-10
Htl	W14	3 OAT	9 NoSATR	VFD_Chill	0.000680857	0	-5.83124E-09
Htl	W15	3 OAT	9 NoSATR	VFD_Chill	0.000617821	0	-3.42651E-10
Htl	W16	3 OAT	9 NoSATR	VFD_Chill	0.000614642	0	-1.3706E-09
Htl	W01	3 OAT	9 OATSATR	VFD_Chill	0.000614055	0	7.82047E-08

## CHWST Reset db

Htl	W02	3 OAT	9 OATSATR	VFD_Chill	0.000681536	0	-1.02795E-09
Htl	W03	3 OAT	9 OATSATR	VFD_Chill	0.000722654	0	2.67515E-08
Htl	W04	3 OAT	9 OATSATR	VFD_Chill	0.000831994	0	-1.37369E-09
Htl	W05	3 OAT	9 OATSATR	VFD_Chill	0.000706972	0	2.70972E-08
Htl	W06	3 OAT	9 OATSATR	VFD_Chill	0.000809088	0	7.03144E-08
Htl	W07	3 OAT	9 OATSATR	VFD_Chill	0.000899196	0	3.77287E-08
Htl	W08	3 OAT	9 OATSATR	VFD_Chill	0.000898795	0	3.42651E-10
Htl	W09	3 OAT	9 OATSATR	VFD_Chill	0.000890121	0	2.05591E-09
Htl	W10	3 OAT	9 OATSATR	VFD_Chill	0.000766211	0	-3.42651E-10
Htl	W11	3 OAT	9 OATSATR	VFD_Chill	0.000643073	0	-3.42651E-10
Htl	W12	3 OAT	9 OATSATR	VFD_Chill	0.000723642	0	-1.3706E-09
Htl	W13	3 OAT	9 OATSATR	VFD_Chill	0.000711819	0	-3.42651E-10
Htl	W14	3 OAT	9 OATSATR	VFD_Chill	0.000655698	0	-6.85302E-10
Htl	W15	3 OAT	9 OATSATR	VFD_Chill	0.000579265	0	0
Htl	W16	3 OAT	9 OATSATR	VFD_Chill	0.000608314	0	-1.3706E-09
Htl	W01	3 OAT	9 DmdSATR	VFD_Chill	0.000611678	0	7.85442E-08
Htl	W02	3 OAT	9 DmdSATR	VFD_Chill	0.000678572	0	-1.02795E-09
Htl	W03	3 OAT	9 DmdSATR	VFD_Chill	0.000714875	0	2.67546E-08
Htl	W04	3 OAT	9 DmdSATR	VFD_Chill	0.000824184	0	-1.02795E-09
Htl	W05	3 OAT	9 DmdSATR	VFD_Chill	0.000700953	0	2.70972E-08
Htl	W06	3 OAT	9 DmdSATR	VFD_Chill	0.000797636	0	7.03144E-08
Htl	W07	3 OAT	9 DmdSATR	VFD_Chill	0.000883515	0	3.80713E-08
Htl	W08	3 OAT	9 DmdSATR	VFD_Chill	0.0008812	0	3.42651E-10
Htl	W09	3 OAT	9 DmdSATR	VFD_Chill	0.00087197	0	2.05899E-09
Htl	W10	3 OAT	9 DmdSATR	VFD_Chill	0.000759018	0	-6.88389E-10
Htl	W11	3 OAT	9 DmdSATR	VFD_Chill	0.000634553	0	-3.42651E-10
Htl	W12	3 OAT	9 DmdSATR	VFD_Chill	0.000719783	0	-1.02795E-09
Htl	W13	3 OAT	9 DmdSATR	VFD_Chill	0.000707065	0	-3.45738E-10
Htl	W14	3 OAT	9 DmdSATR	VFD_Chill	0.000653815	0	-3.42651E-10
Htl	W15	3 OAT	9 DmdSATR	VFD_Chill	0.000567257	0	0
Htl	W16	3 OAT	9 DmdSATR	VFD_Chill	0.00060748	0	-1.37369E-09
Htl	W01	3 OAT	3 NoSATR	No_VFD_Chill	6.81598E-05	0	9.60349E-09
Htl	W02	3 OAT	3 NoSATR	No_VFD_Chill	7.50128E-05	0	-3.42651E-10
Htl	W03	3 OAT	3 NoSATR	No_VFD_Chill	8.64345E-05	0	3.4296E-09
Htl	W04	3 OAT	3 NoSATR	No_VFD_Chill	9.35653E-05	0	-3.42651E-10
Htl	W05	3 OAT	3 NoSATR	No_VFD_Chill	7.86554E-05	0	3.4296E-09
Htl	W06	3 OAT	3 NoSATR	No_VFD_Chill	9.38123E-05	0	8.91819E-09
Htl	W07	3 OAT	3 NoSATR	No_VFD_Chill	9.84736E-05	0	5.14594E-09
Htl	W08	3 OAT	3 NoSATR	No_VFD_Chill	9.9801E-05	0	-3.42651E-10
Htl	W09	3 OAT	3 NoSATR	No_VFD_Chill	0.000101746	0	3.42651E-10
Htl	W10	3 OAT	3 NoSATR	No_VFD_Chill	8.61567E-05	0	-3.42651E-10
Htl	W11	3 OAT	3 NoSATR	No_VFD_Chill	6.58446E-05	0	-3.42651E-10
Htl	W12	3 OAT	3 NoSATR	No_VFD_Chill	8.02915E-05	0	-3.42651E-10
Htl	W13	3 OAT	3 NoSATR	No_VFD_Chill	7.40867E-05	0	0
Htl	W14	3 OAT	3 NoSATR	No_VFD_Chill	7.0228E-05	0	-4.46064E-09
Htl	W15	3 OAT	3 NoSATR	No_VFD_Chill	6.72337E-05	0	0
Htl	W16	3 OAT	3 NoSATR	No_VFD_Chill	6.2418E-05	0	-3.42651E-10
Htl	W01	3 OAT	3 OATSATR	No_VFD_Chill	5.72937E-05	0	9.26084E-09
Htl	W02	3 OAT	3 OATSATR	No_VFD_Chill	6.48259E-05	0	-3.42651E-10
Htl	W03	3 OAT	3 OATSATR	No_VFD_Chill	6.89006E-05	0	3.4296E-09
Htl	W04	3 OAT	3 OATSATR	No_VFD_Chill	8.9861E-05	0	-3.42651E-10
Htl	W05	3 OAT	3 OATSATR	No_VFD_Chill	7.10306E-05	0	3.77225E-09
Htl	W06	3 OAT	3 OATSATR	No_VFD_Chill	7.91802E-05	0	8.57245E-09
Htl	W07	3 OAT	3 OATSATR	No_VFD_Chill	9.08488E-05	0	5.14594E-09
Htl	W08	3 OAT	3 OATSATR	No_VFD_Chill	9.01388E-05	0	0
Htl	W09	3 OAT	3 OATSATR	No_VFD_Chill	8.75766E-05	0	3.42651E-10
Htl	W10	3 OAT	3 OATSATR	No_VFD_Chill	7.51671E-05	0	-3.42651E-10
Htl	W11	3 OAT	3 OATSATR	No_VFD_Chill	6.1245E-05	0	0
Htl	W12	3 OAT	3 OATSATR	No_VFD_Chill	7.19567E-05	0	-3.42651E-10
Htl	W13	3 OAT	3 OATSATR	No_VFD_Chill	6.59372E-05	0	-3.42651E-10
Htl	W14	3 OAT	3 OATSATR	No_VFD_Chill	6.25724E-05	0	0
Htl	W15	3 OAT	3 OATSATR	No_VFD_Chill	5.95163E-05	0	0
Htl	W16	3 OAT	3 OATSATR	No_VFD_Chill	6.16772E-05	0	-3.42651E-10
Htl	W01	3 OAT	3 DmdSATR	No_VFD_Chill	5.77259E-05	0	9.60349E-09
Htl	W02	3 OAT	3 DmdSATR	No_VFD_Chill	6.2665E-05	0	-3.42651E-10
Htl	W03	3 OAT	3 DmdSATR	No_VFD_Chill	6.68941E-05	0	3.43268E-09
Htl	W04	3 OAT	3 DmdSATR	No_VFD_Chill	8.99845E-05	0	-6.88389E-10
Htl	W05	3 OAT	3 DmdSATR	No_VFD_Chill	6.72645E-05	0	3.77225E-09
Htl	W06	3 OAT	3 DmdSATR	No_VFD_Chill	7.80689E-05	0	8.91819E-09
Htl	W07	3 OAT	3 DmdSATR	No_VFD_Chill	9.03549E-05	0	5.14285E-09
Htl	W08	3 OAT	3 DmdSATR	No_VFD_Chill	8.75766E-05	0	0
Htl	W09	3 OAT	3 DmdSATR	No_VFD_Chill	8.72371E-05	0	3.42651E-10
Htl	W10	3 OAT	3 DmdSATR	No_VFD_Chill	7.76058E-05	0	-3.42651E-10
Htl	W11	3 OAT	3 DmdSATR	No_VFD_Chill	6.01028E-05	0	0
Htl	W12	3 OAT	3 DmdSATR	No_VFD_Chill	7.3068E-05	0	-3.42651E-10
Htl	W13	3 OAT	3 DmdSATR	No_VFD_Chill	6.57211E-05	0	0
Htl	W14	3 OAT	3 DmdSATR	No_VFD_Chill	6.42085E-05	0	-3.42651E-10
Htl	W15	3 OAT	3 DmdSATR	No_VFD_Chill	5.52872E-05	0	0
Htl	W16	3 OAT	3 DmdSATR	No_VFD_Chill	6.13993E-05	0	-6.85302E-10
Htl	W01	3 OAT	9 NoSATR	No_VFD_Chill	0.000168022	0	2.60662E-08
Htl	W02	3 OAT	9 NoSATR	No_VFD_Chill	0.000173023	0	-1.03104E-09
Htl	W03	3 OAT	9 NoSATR	No_VFD_Chill	0.000213925	0	9.94614E-09
Htl	W04	3 OAT	9 NoSATR	No_VFD_Chill	0.000229298	0	-1.03104E-09
Htl	W05	3 OAT	9 NoSATR	No_VFD_Chill	0.000198058	0	1.06314E-08
Htl	W06	3 OAT	9 NoSATR	No_VFD_Chill	0.000236707	0	2.46956E-08
Htl	W07	3 OAT	9 NoSATR	No_VFD_Chill	0.000255445	0	1.50921E-08
Htl	W08	3 OAT	9 NoSATR	No_VFD_Chill	0.000254056	0	-3.42651E-10
Htl	W09	3 OAT	9 NoSATR	No_VFD_Chill	0.000252759	0	6.85302E-10
Htl	W10	3 OAT	9 NoSATR	No_VFD_Chill	0.000217043	0	-6.88389E-10
Htl	W11	3 OAT	9 NoSATR	No_VFD_Chill	0.000161694	0	-3.42651E-10
Htl	W12	3 OAT	9 NoSATR	No_VFD_Chill	0.000188705	0	-1.02795E-09
Htl	W13	3 OAT	9 NoSATR	No_VFD_Chill	0.000182747	0	-3.45738E-10
Htl	W14	3 OAT	9 NoSATR	No_VFD_Chill	0.00017645	0	-4.80329E-09
Htl	W15	3 OAT	9 NoSATR	No_VFD_Chill	0.000170554	0	0
Htl	W16	3 OAT	9 NoSATR	No_VFD_Chill	0.000149346	0	-1.3706E-09
Htl	W01	3 OAT	9 OATSATR	No_VFD_Chill	0.000140116	0	2.57235E-08
Htl	W02	3 OAT	9 OATSATR	No_VFD_Chill	0.000155428	0	-6.88389E-10
Htl	W03	3 OAT	9 OATSATR	No_VFD_Chill	0.000176635	0	9.94614E-09

## CHWST Reset db

Htl	W04	3 OAT	9 OATSATR	No_VFD_Chill	0.000217074	0	-1.37369E-09
Htl	W05	3 OAT	9 OATSATR	No_VFD_Chill	0.000170739	0	1.06345E-08
Htl	W06	3 OAT	9 OATSATR	No_VFD_Chill	0.000205066	0	2.43498E-08
Htl	W07	3 OAT	9 OATSATR	No_VFD_Chill	0.000234793	0	1.47494E-08
Htl	W08	3 OAT	9 OATSATR	No_VFD_Chill	0.000226026	0	0
Htl	W09	3 OAT	9 OATSATR	No_VFD_Chill	0.000228249	0	6.85302E-10
Htl	W10	3 OAT	9 OATSATR	No_VFD_Chill	0.000197811	0	-3.42651E-10
Htl	W11	3 OAT	9 OATSATR	No_VFD_Chill	0.00014663	0	-3.42651E-10
Htl	W12	3 OAT	9 OATSATR	No_VFD_Chill	0.000170091	0	-1.02795E-09
Htl	W13	3 OAT	9 OATSATR	No_VFD_Chill	0.000162991	0	-6.85302E-10
Htl	W14	3 OAT	9 OATSATR	No_VFD_Chill	0.000161262	0	-3.42651E-10
Htl	W15	3 OAT	9 OATSATR	No_VFD_Chill	0.000149563	0	0
Htl	W16	3 OAT	9 OATSATR	No_VFD_Chill	0.000147031	0	-1.3706E-09
Htl	W01	3 OAT	9 DmdSATR	No_VFD_Chill	0.000139406	0	2.60662E-08
Htl	W02	3 OAT	9 DmdSATR	No_VFD_Chill	0.000154316	0	-6.85302E-10
Htl	W03	3 OAT	9 DmdSATR	No_VFD_Chill	0.000172591	0	9.94923E-09
Htl	W04	3 OAT	9 DmdSATR	No_VFD_Chill	0.000215932	0	-1.37369E-09
Htl	W05	3 OAT	9 DmdSATR	No_VFD_Chill	0.000168208	0	1.06314E-08
Htl	W06	3 OAT	9 DmdSATR	No_VFD_Chill	0.000202349	0	2.46956E-08
Htl	W07	3 OAT	9 DmdSATR	No_VFD_Chill	0.000231706	0	1.47463E-08
Htl	W08	3 OAT	9 DmdSATR	No_VFD_Chill	0.000222013	0	-3.42651E-10
Htl	W09	3 OAT	9 DmdSATR	No_VFD_Chill	0.000222631	0	6.85302E-10
Htl	W10	3 OAT	9 DmdSATR	No_VFD_Chill	0.000197842	0	-6.85302E-10
Htl	W11	3 OAT	9 DmdSATR	No_VFD_Chill	0.000141969	0	-3.42651E-10
Htl	W12	3 OAT	9 DmdSATR	No_VFD_Chill	0.000169689	0	-1.02795E-09
Htl	W13	3 OAT	9 DmdSATR	No_VFD_Chill	0.00016404	0	-3.42651E-10
Htl	W14	3 OAT	9 DmdSATR	No_VFD_Chill	0.000162528	0	-6.85302E-10
Htl	W15	3 OAT	9 DmdSATR	No_VFD_Chill	0.000143419	0	0
Htl	W16	3 OAT	9 DmdSATR	No_VFD_Chill	0.000146877	0	-1.37369E-09
Htl	W01	5 OAT	3 NoSATR	VFD_Chill	0.000213061	0	2.53809E-08
Htl	W02	5 OAT	3 NoSATR	VFD_Chill	0.000236151	0	0
Htl	W03	5 OAT	3 NoSATR	VFD_Chill	0.000256556	0	7.89023E-09
Htl	W04	5 OAT	3 NoSATR	VFD_Chill	0.000289092	0	-3.42651E-10
Htl	W05	5 OAT	3 NoSATR	VFD_Chill	0.000250073	0	7.89023E-09
Htl	W06	5 OAT	3 NoSATR	VFD_Chill	0.000283721	0	2.16086E-08
Htl	W07	5 OAT	3 NoSATR	VFD_Chill	0.000316196	0	1.16594E-08
Htl	W08	5 OAT	3 NoSATR	VFD_Chill	0.000322895	0	0
Htl	W09	5 OAT	3 NoSATR	VFD_Chill	0.0003128	0	0
Htl	W10	5 OAT	3 NoSATR	VFD_Chill	0.000267762	0	0
Htl	W11	5 OAT	3 NoSATR	VFD_Chill	0.000224544	0	0
Htl	W12	5 OAT	3 NoSATR	VFD_Chill	0.000253253	0	-3.45738E-10
Htl	W13	5 OAT	3 NoSATR	VFD_Chill	0.000254766	0	0
Htl	W14	5 OAT	3 NoSATR	VFD_Chill	0.000230008	0	-3.42651E-10
Htl	W15	5 OAT	3 NoSATR	VFD_Chill	0.000203985	0	0
Htl	W16	5 OAT	3 NoSATR	VFD_Chill	0.00020698	0	-3.42651E-10
Htl	W01	5 OAT	3 OATSATR	VFD_Chill	0.000201516	0	2.57266E-08
Htl	W02	5 OAT	3 OATSATR	VFD_Chill	0.000221427	0	-3.42651E-10
Htl	W03	5 OAT	3 OATSATR	VFD_Chill	0.000237571	0	7.54758E-09
Htl	W04	5 OAT	3 OATSATR	VFD_Chill	0.000275047	0	-3.42651E-10
Htl	W05	5 OAT	3 OATSATR	VFD_Chill	0.000234268	0	7.89023E-09
Htl	W06	5 OAT	3 OATSATR	VFD_Chill	0.000263563	0	2.19544E-08
Htl	W07	5 OAT	3 OATSATR	VFD_Chill	0.000299341	0	1.16594E-08
Htl	W08	5 OAT	3 OATSATR	VFD_Chill	0.00030036	0	0
Htl	W09	5 OAT	3 OATSATR	VFD_Chill	0.000294464	0	6.85302E-10
Htl	W10	5 OAT	3 OATSATR	VFD_Chill	0.000252944	0	-3.42651E-10
Htl	W11	5 OAT	3 OATSATR	VFD_Chill	0.000213339	0	-3.42651E-10
Htl	W12	5 OAT	3 OATSATR	VFD_Chill	0.000241955	0	-3.42651E-10
Htl	W13	5 OAT	3 OATSATR	VFD_Chill	0.000241399	0	0
Htl	W14	5 OAT	3 OATSATR	VFD_Chill	0.000220346	0	-3.42651E-10
Htl	W15	5 OAT	3 OATSATR	VFD_Chill	0.000190928	0	0
Htl	W16	5 OAT	3 OATSATR	VFD_Chill	0.000203275	0	-3.42651E-10
Htl	W01	5 OAT	3 DmdSATR	VFD_Chill	0.000199664	0	2.53809E-08
Htl	W02	5 OAT	3 DmdSATR	VFD_Chill	0.000220655	0	0
Htl	W03	5 OAT	3 DmdSATR	VFD_Chill	0.000234577	0	7.5445E-09
Htl	W04	5 OAT	3 DmdSATR	VFD_Chill	0.000271188	0	-3.42651E-10
Htl	W05	5 OAT	3 DmdSATR	VFD_Chill	0.000232324	0	8.2298E-09
Htl	W06	5 OAT	3 DmdSATR	VFD_Chill	0.000257636	0	2.19513E-08
Htl	W07	5 OAT	3 DmdSATR	VFD_Chill	0.000291284	0	1.16625E-08
Htl	W08	5 OAT	3 DmdSATR	VFD_Chill	0.000294772	0	0
Htl	W09	5 OAT	3 DmdSATR	VFD_Chill	0.000286592	0	6.85302E-10
Htl	W10	5 OAT	3 DmdSATR	VFD_Chill	0.00024958	0	0
Htl	W11	5 OAT	3 DmdSATR	VFD_Chill	0.000212567	0	0
Htl	W12	5 OAT	3 DmdSATR	VFD_Chill	0.000238497	0	-3.42651E-10
Htl	W13	5 OAT	3 DmdSATR	VFD_Chill	0.000240751	0	0
Htl	W14	5 OAT	3 DmdSATR	VFD_Chill	0.000222167	0	-3.42651E-10
Htl	W15	5 OAT	3 DmdSATR	VFD_Chill	0.000186945	0	0
Htl	W16	5 OAT	3 DmdSATR	VFD_Chill	0.000203584	0	-3.42651E-10
Htl	W01	5 OAT	9 NoSATR	VFD_Chill	0.000526386	0	6.65391E-08
Htl	W02	5 OAT	9 NoSATR	VFD_Chill	0.000598775	0	-6.85302E-10
Htl	W03	5 OAT	9 NoSATR	VFD_Chill	0.000647456	0	2.2297E-08
Htl	W04	5 OAT	9 NoSATR	VFD_Chill	0.000737873	0	-1.03104E-09
Htl	W05	5 OAT	9 NoSATR	VFD_Chill	0.000632793	0	2.26366E-08
Htl	W06	5 OAT	9 NoSATR	VFD_Chill	0.000726358	0	5.9683E-08
Htl	W07	5 OAT	9 NoSATR	VFD_Chill	0.000817115	0	3.3268E-08
Htl	W08	5 OAT	9 NoSATR	VFD_Chill	0.000828135	0	0
Htl	W09	5 OAT	9 NoSATR	VFD_Chill	0.000803439	0	1.3706E-09
Htl	W10	5 OAT	9 NoSATR	VFD_Chill	0.000684438	0	-6.85302E-10
Htl	W11	5 OAT	9 NoSATR	VFD_Chill	0.000574234	0	-3.42651E-10
Htl	W12	5 OAT	9 NoSATR	VFD_Chill	0.000645141	0	-1.71634E-09
Htl	W13	5 OAT	9 NoSATR	VFD_Chill	0.000649617	0	-3.42651E-10
Htl	W14	5 OAT	9 NoSATR	VFD_Chill	0.000588156	0	-3.42651E-10
Htl	W15	5 OAT	9 NoSATR	VFD_Chill	0.000531881	0	0
Htl	W16	5 OAT	9 NoSATR	VFD_Chill	0.000520336	0	-1.37369E-09
Htl	W01	5 OAT	9 OATSATR	VFD_Chill	0.000496751	0	6.65422E-08
Htl	W02	5 OAT	9 OATSATR	VFD_Chill	0.000565312	0	-1.03104E-09
Htl	W03	5 OAT	9 OATSATR	VFD_Chill	0.000602603	0	2.2297E-08
Htl	W04	5 OAT	9 OATSATR	VFD_Chill	0.000699872	0	-1.37369E-09
Htl	W05	5 OAT	9 OATSATR	VFD_Chill	0.000593157	0	2.26397E-08



## CHWST Reset db

Htl	W06	5 OAT	9 OATSATR	VFD_Chill	0.000677986	0	6.00257E-08
Htl	W07	5 OAT	9 OATSATR	VFD_Chill	0.000774484	0	3.3268E-08
Htl	W08	5 OAT	9 OATSATR	VFD_Chill	0.000777725	0	3.42651E-10
Htl	W09	5 OAT	9 OATSATR	VFD_Chill	0.0007559	0	2.05591E-09
Htl	W10	5 OAT	9 OATSATR	VFD_Chill	0.000650574	0	-6.85302E-10
Htl	W11	5 OAT	9 OATSATR	VFD_Chill	0.000545865	0	-3.42651E-10
Htl	W12	5 OAT	9 OATSATR	VFD_Chill	0.000612882	0	-1.02795E-09
Htl	W13	5 OAT	9 OATSATR	VFD_Chill	0.000620383	0	-3.42651E-10
Htl	W14	5 OAT	9 OATSATR	VFD_Chill	0.000570653	0	-3.42651E-10
Htl	W15	5 OAT	9 OATSATR	VFD_Chill	0.000501783	0	0
Htl	W16	5 OAT	9 OATSATR	VFD_Chill	0.000513297	0	-1.03104E-09
Htl	W01	5 OAT	9 DmdSATR	VFD_Chill	0.00049385	0	6.68849E-08
Htl	W02	5 OAT	9 DmdSATR	VFD_Chill	0.000561577	0	-6.88389E-10
Htl	W03	5 OAT	9 DmdSATR	VFD_Chill	0.000592971	0	2.22939E-08
Htl	W04	5 OAT	9 DmdSATR	VFD_Chill	0.000690118	0	-1.02795E-09
Htl	W05	5 OAT	9 DmdSATR	VFD_Chill	0.000585316	0	2.26366E-08
Htl	W06	5 OAT	9 DmdSATR	VFD_Chill	0.000660699	0	6.00257E-08
Htl	W07	5 OAT	9 DmdSATR	VFD_Chill	0.000752783	0	3.32711E-08
Htl	W08	5 OAT	9 DmdSATR	VFD_Chill	0.00075661	0	0
Htl	W09	5 OAT	9 DmdSATR	VFD_Chill	0.000733366	0	2.05591E-09
Htl	W10	5 OAT	9 DmdSATR	VFD_Chill	0.000638751	0	-6.88389E-10
Htl	W11	5 OAT	9 DmdSATR	VFD_Chill	0.000538363	0	-3.45738E-10
Htl	W12	5 OAT	9 DmdSATR	VFD_Chill	0.00060572	0	-1.02795E-09
Htl	W13	5 OAT	9 DmdSATR	VFD_Chill	0.000610876	0	-3.42651E-10
Htl	W14	5 OAT	9 DmdSATR	VFD_Chill	0.000566979	0	-6.85302E-10
Htl	W15	5 OAT	9 DmdSATR	VFD_Chill	0.00049209	0	0
Htl	W16	5 OAT	9 DmdSATR	VFD_Chill	0.000512526	0	-1.03104E-09
Htl	W01	5 OAT	3 NoSATR	No_VFD_Chill	5.67998E-05	0	7.20184E-09
Htl	W02	5 OAT	3 NoSATR	No_VFD_Chill	6.23254E-05	0	-3.42651E-10
Htl	W03	5 OAT	3 NoSATR	No_VFD_Chill	7.04132E-05	0	2.40164E-09
Htl	W04	5 OAT	3 NoSATR	No_VFD_Chill	7.81923E-05	0	-3.42651E-10
Htl	W05	5 OAT	3 NoSATR	No_VFD_Chill	6.71102E-05	0	2.74429E-09
Htl	W06	5 OAT	3 NoSATR	No_VFD_Chill	7.71119E-05	0	6.51654E-09
Htl	W07	5 OAT	3 NoSATR	No_VFD_Chill	8.57554E-05	0	3.77225E-09
Htl	W08	5 OAT	3 NoSATR	No_VFD_Chill	8.99845E-05	0	0
Htl	W09	5 OAT	3 NoSATR	No_VFD_Chill	8.41193E-05	0	3.42651E-10
Htl	W10	5 OAT	3 NoSATR	No_VFD_Chill	7.4025E-05	0	0
Htl	W11	5 OAT	3 NoSATR	No_VFD_Chill	5.98559E-05	0	0
Htl	W12	5 OAT	3 NoSATR	No_VFD_Chill	6.71411E-05	0	-3.42651E-10
Htl	W13	5 OAT	3 NoSATR	No_VFD_Chill	7.01663E-05	0	-3.42651E-10
Htl	W14	5 OAT	3 NoSATR	No_VFD_Chill	6.30663E-05	0	0
Htl	W15	5 OAT	3 NoSATR	No_VFD_Chill	5.65837E-05	0	-3.42651E-10
Htl	W16	5 OAT	3 NoSATR	No_VFD_Chill	5.47315E-05	0	-3.42651E-10
Htl	W01	5 OAT	3 OATSATR	No_VFD_Chill	5.21076E-05	0	7.20184E-09
Htl	W02	5 OAT	3 OATSATR	No_VFD_Chill	5.38363E-05	0	0
Htl	W03	5 OAT	3 OATSATR	No_VFD_Chill	6.16463E-05	0	2.40164E-09
Htl	W04	5 OAT	3 OATSATR	No_VFD_Chill	7.32841E-05	0	-3.42651E-10
Htl	W05	5 OAT	3 OATSATR	No_VFD_Chill	6.09363E-05	0	2.74429E-09
Htl	W06	5 OAT	3 OATSATR	No_VFD_Chill	6.80054E-05	0	6.85919E-09
Htl	W07	5 OAT	3 OATSATR	No_VFD_Chill	7.99519E-05	0	3.77225E-09
Htl	W08	5 OAT	3 OATSATR	No_VFD_Chill	7.94271E-05	0	0
Htl	W09	5 OAT	3 OATSATR	No_VFD_Chill	7.77602E-05	0	0
Htl	W10	5 OAT	3 OATSATR	No_VFD_Chill	6.75732E-05	0	-3.42651E-10
Htl	W11	5 OAT	3 OATSATR	No_VFD_Chill	5.47624E-05	0	-3.42651E-10
Htl	W12	5 OAT	3 OATSATR	No_VFD_Chill	6.24798E-05	0	-3.42651E-10
Htl	W13	5 OAT	3 OATSATR	No_VFD_Chill	6.3128E-05	0	-3.42651E-10
Htl	W14	5 OAT	3 OATSATR	No_VFD_Chill	5.75715E-05	0	0
Htl	W15	5 OAT	3 OATSATR	No_VFD_Chill	5.0132E-05	0	0
Htl	W16	5 OAT	3 OATSATR	No_VFD_Chill	5.30955E-05	0	-3.42651E-10
Htl	W01	5 OAT	3 DmdSATR	No_VFD_Chill	5.1089E-05	0	7.54758E-09
Htl	W02	5 OAT	3 DmdSATR	No_VFD_Chill	5.42994E-05	0	-3.42651E-10
Htl	W03	5 OAT	3 DmdSATR	No_VFD_Chill	6.0998E-05	0	2.40164E-09
Htl	W04	5 OAT	3 DmdSATR	No_VFD_Chill	7.25124E-05	0	-3.42651E-10
Htl	W05	5 OAT	3 DmdSATR	No_VFD_Chill	6.10289E-05	0	2.74429E-09
Htl	W06	5 OAT	3 DmdSATR	No_VFD_Chill	6.6678E-05	0	6.85919E-09
Htl	W07	5 OAT	3 DmdSATR	No_VFD_Chill	7.79762E-05	0	3.77225E-09
Htl	W08	5 OAT	3 DmdSATR	No_VFD_Chill	8.03532E-05	0	-3.42651E-10
Htl	W09	5 OAT	3 DmdSATR	No_VFD_Chill	7.60315E-05	0	0
Htl	W10	5 OAT	3 DmdSATR	No_VFD_Chill	6.77893E-05	0	0
Htl	W11	5 OAT	3 DmdSATR	No_VFD_Chill	5.60898E-05	0	-3.42651E-10
Htl	W12	5 OAT	3 DmdSATR	No_VFD_Chill	6.09672E-05	0	-3.42651E-10
Htl	W13	5 OAT	3 DmdSATR	No_VFD_Chill	6.52889E-05	0	-3.42651E-10
Htl	W14	5 OAT	3 DmdSATR	No_VFD_Chill	6.10907E-05	0	0
Htl	W15	5 OAT	3 DmdSATR	No_VFD_Chill	4.88972E-05	0	0
Htl	W16	5 OAT	3 DmdSATR	No_VFD_Chill	5.38672E-05	0	-3.42651E-10
Htl	W01	5 OAT	9 NoSATR	No_VFD_Chill	0.000129343	0	1.81759E-08
Htl	W02	5 OAT	9 NoSATR	No_VFD_Chill	0.000152866	0	-6.85302E-10
Htl	W03	5 OAT	9 NoSATR	No_VFD_Chill	0.000169628	0	6.85919E-09
Htl	W04	5 OAT	9 NoSATR	No_VFD_Chill	0.00019207	0	-1.03104E-09
Htl	W05	5 OAT	9 NoSATR	No_VFD_Chill	0.0001612	0	7.5445E-09
Htl	W06	5 OAT	9 NoSATR	No_VFD_Chill	0.000188149	0	1.74906E-08
Htl	W07	5 OAT	9 NoSATR	No_VFD_Chill	0.000212938	0	1.09772E-08
Htl	W08	5 OAT	9 NoSATR	No_VFD_Chill	0.000219142	0	0
Htl	W09	5 OAT	9 NoSATR	No_VFD_Chill	0.000206733	0	3.42651E-10
Htl	W10	5 OAT	9 NoSATR	No_VFD_Chill	0.000180494	0	-6.88389E-10
Htl	W11	5 OAT	9 NoSATR	No_VFD_Chill	0.000147309	0	-3.42651E-10
Htl	W12	5 OAT	9 NoSATR	No_VFD_Chill	0.000164472	0	-1.71634E-09
Htl	W13	5 OAT	9 NoSATR	No_VFD_Chill	0.000169103	0	-3.42651E-10
Htl	W14	5 OAT	9 NoSATR	No_VFD_Chill	0.000157002	0	-3.42651E-10
Htl	W15	5 OAT	9 NoSATR	No_VFD_Chill	0.000143419	0	-3.42651E-10
Htl	W16	5 OAT	9 NoSATR	No_VFD_Chill	0.000130393	0	-1.02795E-09
Htl	W01	5 OAT	9 OATSATR	No_VFD_Chill	0.00011644	0	1.78364E-08
Htl	W02	5 OAT	9 OATSATR	No_VFD_Chill	0.000134313	0	-6.85302E-10
Htl	W03	5 OAT	9 OATSATR	No_VFD_Chill	0.00014984	0	6.85919E-09
Htl	W04	5 OAT	9 OATSATR	No_VFD_Chill	0.000176789	0	-1.3706E-09
Htl	W05	5 OAT	9 OATSATR	No_VFD_Chill	0.000145549	0	7.54758E-09
Htl	W06	5 OAT	9 OATSATR	No_VFD_Chill	0.000166849	0	1.78364E-08
Htl	W07	5 OAT	9 OATSATR	No_VFD_Chill	0.000198336	0	1.09772E-08

## CHWST Reset db

Htl	W08	5 OAT	9 OATSATR	No_VFD_Chill	0.000199015	0	-3.42651E-10
Htl	W09	5 OAT	9 OATSATR	No_VFD_Chill	0.000189631	0	3.42651E-10
Htl	W10	5 OAT	9 OATSATR	No_VFD_Chill	0.000167343	0	-6.88389E-10
Htl	W11	5 OAT	9 OATSATR	No_VFD_Chill	0.000134004	0	-3.42651E-10
Htl	W12	5 OAT	9 OATSATR	No_VFD_Chill	0.000148698	0	-1.03104E-09
Htl	W13	5 OAT	9 OATSATR	No_VFD_Chill	0.000155767	0	-3.42651E-10
Htl	W14	5 OAT	9 OATSATR	No_VFD_Chill	0.000150519	0	-3.42651E-10
Htl	W15	5 OAT	9 OATSATR	No_VFD_Chill	0.000129837	0	0
Htl	W16	5 OAT	9 OATSATR	No_VFD_Chill	0.000128787	0	-1.02795E-09
Htl	W01	5 OAT	9 DmdSATR	No_VFD_Chill	0.00011576	0	1.85217E-08
Htl	W02	5 OAT	9 DmdSATR	No_VFD_Chill	0.000133819	0	-6.85302E-10
Htl	W03	5 OAT	9 DmdSATR	No_VFD_Chill	0.000146259	0	6.85919E-09
Htl	W04	5 OAT	9 DmdSATR	No_VFD_Chill	0.000175308	0	-1.02795E-09
Htl	W05	5 OAT	9 DmdSATR	No_VFD_Chill	0.000142802	0	7.5445E-09
Htl	W06	5 OAT	9 DmdSATR	No_VFD_Chill	0.000161725	0	1.78333E-08
Htl	W07	5 OAT	9 DmdSATR	No_VFD_Chill	0.000192656	0	1.09741E-08
Htl	W08	5 OAT	9 DmdSATR	No_VFD_Chill	0.000195002	0	-3.42651E-10
Htl	W09	5 OAT	9 DmdSATR	No_VFD_Chill	0.000183025	0	3.42651E-10
Htl	W10	5 OAT	9 DmdSATR	No_VFD_Chill	0.000165059	0	-3.42651E-10
Htl	W11	5 OAT	9 DmdSATR	No_VFD_Chill	0.000131813	0	-3.42651E-10
Htl	W12	5 OAT	9 DmdSATR	No_VFD_Chill	0.000146537	0	-1.03104E-09
Htl	W13	5 OAT	9 DmdSATR	No_VFD_Chill	0.000153606	0	-3.42651E-10
Htl	W14	5 OAT	9 DmdSATR	No_VFD_Chill	0.000151075	0	-3.42651E-10
Htl	W15	5 OAT	9 DmdSATR	No_VFD_Chill	0.000127398	0	0
Htl	W16	5 OAT	9 DmdSATR	No_VFD_Chill	0.000129312	0	-1.02795E-09
Rt3	W01	75 OAT	3 NoSATR	VFD_Chill	5.50662E-05	0	1.06224E-08
Rt3	W02	75 OAT	3 NoSATR	VFD_Chill	4.66168E-05	0	-1.89472E-10
Rt3	W03	75 OAT	3 NoSATR	VFD_Chill	6.63492E-05	0	3.4139E-09
Rt3	W04	75 OAT	3 NoSATR	VFD_Chill	7.48839E-05	0	0
Rt3	W05	75 OAT	3 NoSATR	VFD_Chill	6.48641E-05	0	3.4139E-09
Rt3	W06	75 OAT	3 NoSATR	VFD_Chill	7.27673E-05	0	9.67329E-09
Rt3	W07	75 OAT	3 NoSATR	VFD_Chill	7.91684E-05	0	5.12085E-09
Rt3	W08	75 OAT	3 NoSATR	VFD_Chill	6.57347E-05	0	1.89472E-10
Rt3	W09	75 OAT	3 NoSATR	VFD_Chill	6.72368E-05	0	3.78943E-10
Rt3	W10	75 OAT	3 NoSATR	VFD_Chill	5.32057E-05	0	-1.89472E-10
Rt3	W11	75 OAT	3 NoSATR	VFD_Chill	4.20763E-05	0	0
Rt3	W12	75 OAT	3 NoSATR	VFD_Chill	5.34105E-05	0	0
Rt3	W13	75 OAT	3 NoSATR	VFD_Chill	5.02697E-05	0	0
Rt3	W14	75 OAT	3 NoSATR	VFD_Chill	3.96354E-05	0	0
Rt3	W15	75 OAT	3 NoSATR	VFD_Chill	4.48928E-05	0	0
Rt3	W16	75 OAT	3 NoSATR	VFD_Chill	3.44975E-05	0	0
Rt3	W01	75 OAT	3 OATSATR	VFD_Chill	3.08105E-05	0	8.72423E-09
Rt3	W02	75 OAT	3 OATSATR	VFD_Chill	3.15615E-05	0	-1.89472E-10
Rt3	W03	75 OAT	3 OATSATR	VFD_Chill	4.7146E-05	0	3.22443E-09
Rt3	W04	75 OAT	3 OATSATR	VFD_Chill	5.39396E-05	0	-1.89472E-10
Rt3	W05	75 OAT	3 OATSATR	VFD_Chill	4.79141E-05	0	3.22443E-09
Rt3	W06	75 OAT	3 OATSATR	VFD_Chill	5.94872E-05	0	9.29435E-09
Rt3	W07	75 OAT	3 OATSATR	VFD_Chill	6.98143E-05	0	4.93138E-09
Rt3	W08	75 OAT	3 OATSATR	VFD_Chill	5.44005E-05	0	0
Rt3	W09	75 OAT	3 OATSATR	VFD_Chill	5.41103E-05	0	1.89472E-10
Rt3	W10	75 OAT	3 OATSATR	VFD_Chill	4.20081E-05	0	0
Rt3	W11	75 OAT	3 OATSATR	VFD_Chill	2.97351E-05	0	0
Rt3	W12	75 OAT	3 OATSATR	VFD_Chill	3.71945E-05	0	-1.89472E-10
Rt3	W13	75 OAT	3 OATSATR	VFD_Chill	3.4634E-05	0	0
Rt3	W14	75 OAT	3 OATSATR	VFD_Chill	2.7755E-05	0	0
Rt3	W15	75 OAT	3 OATSATR	VFD_Chill	3.73652E-05	0	0
Rt3	W16	75 OAT	3 OATSATR	VFD_Chill	2.32999E-05	0	-1.89472E-10
Rt3	W01	75 OAT	3 DmdSATR	VFD_Chill	1.55845E-05	0	5.31032E-09
Rt3	W02	75 OAT	3 DmdSATR	VFD_Chill	2.32999E-05	0	-1.89472E-10
Rt3	W03	75 OAT	3 DmdSATR	VFD_Chill	3.10665E-05	0	3.03496E-09
Rt3	W04	75 OAT	3 DmdSATR	VFD_Chill	4.01133E-05	0	-1.89472E-10
Rt3	W05	75 OAT	3 DmdSATR	VFD_Chill	3.49413E-05	0	3.03496E-09
Rt3	W06	75 OAT	3 DmdSATR	VFD_Chill	4.58487E-05	0	9.48211E-09
Rt3	W07	75 OAT	3 DmdSATR	VFD_Chill	5.62782E-05	0	4.74191E-09
Rt3	W08	75 OAT	3 DmdSATR	VFD_Chill	4.49611E-05	0	0
Rt3	W09	75 OAT	3 DmdSATR	VFD_Chill	4.37833E-05	0	3.78943E-10
Rt3	W10	75 OAT	3 DmdSATR	VFD_Chill	3.35416E-05	0	0
Rt3	W11	75 OAT	3 DmdSATR	VFD_Chill	2.22245E-05	0	0
Rt3	W12	75 OAT	3 DmdSATR	VFD_Chill	2.78574E-05	0	0
Rt3	W13	75 OAT	3 DmdSATR	VFD_Chill	2.61334E-05	0	0
Rt3	W14	75 OAT	3 DmdSATR	VFD_Chill	2.15759E-05	0	0
Rt3	W15	75 OAT	3 DmdSATR	VFD_Chill	3.10153E-05	0	0
Rt3	W16	75 OAT	3 DmdSATR	VFD_Chill	1.82302E-05	0	0
Rt3	W01	75 OAT	9 NoSATR	VFD_Chill	0.000141694	0	2.84497E-08
Rt3	W02	75 OAT	9 NoSATR	VFD_Chill	0.000122423	0	-1.89472E-10
Rt3	W03	75 OAT	9 NoSATR	VFD_Chill	0.000173221	0	1.02417E-08
Rt3	W04	75 OAT	9 NoSATR	VFD_Chill	0.00019659	0	-1.89472E-10
Rt3	W05	75 OAT	9 NoSATR	VFD_Chill	0.000170302	0	9.67329E-09
Rt3	W06	75 OAT	9 NoSATR	VFD_Chill	0.000192476	0	2.67428E-08
Rt3	W07	75 OAT	9 NoSATR	VFD_Chill	0.000211099	0	1.47924E-08
Rt3	W08	75 OAT	9 NoSATR	VFD_Chill	0.000174945	0	1.89472E-10
Rt3	W09	75 OAT	9 NoSATR	VFD_Chill	0.000178445	0	9.47358E-10
Rt3	W10	75 OAT	9 NoSATR	VFD_Chill	0.000141028	0	-1.89472E-10
Rt3	W11	75 OAT	9 NoSATR	VFD_Chill	0.000110747	0	0
Rt3	W12	75 OAT	9 NoSATR	VFD_Chill	0.000140414	0	-1.89472E-10
Rt3	W13	75 OAT	9 NoSATR	VFD_Chill	0.000132255	0	0
Rt3	W14	75 OAT	9 NoSATR	VFD_Chill	0.000104414	0	0
Rt3	W15	75 OAT	9 NoSATR	VFD_Chill	0.000119504	0	0
Rt3	W16	75 OAT	9 NoSATR	VFD_Chill	9.06732E-05	0	-1.91178E-10
Rt3	W01	75 OAT	9 OATSATR	VFD_Chill	8.02096E-05	0	2.35184E-08
Rt3	W02	75 OAT	9 OATSATR	VFD_Chill	8.43234E-05	0	-3.78943E-10
Rt3	W03	75 OAT	9 OATSATR	VFD_Chill	0.000124556	0	9.48382E-09
Rt3	W04	75 OAT	9 OATSATR	VFD_Chill	0.000144784	0	-3.78943E-10
Rt3	W05	75 OAT	9 OATSATR	VFD_Chill	0.000127714	0	9.10317E-09
Rt3	W06	75 OAT	9 OATSATR	VFD_Chill	0.00015849	0	2.61727E-08
Rt3	W07	75 OAT	9 OATSATR	VFD_Chill	0.000186962	0	1.40345E-08
Rt3	W08	75 OAT	9 OATSATR	VFD_Chill	0.000146337	0	0
Rt3	W09	75 OAT	9 OATSATR	VFD_Chill	0.000145193	0	7.59593E-10

## CHWST Reset db

Rt3	W10	75	OAT	9	OATSATR	VFD_Chill	0.000113188	0	-1.89472E-10
Rt3	W11	75	OAT	9	OATSATR	VFD_Chill	7.97658E-05	0	0
Rt3	W12	75	OAT	9	OATSATR	VFD_Chill	9.98395E-05	0	-3.78943E-10
Rt3	W13	75	OAT	9	OATSATR	VFD_Chill	9.33019E-05	0	0
Rt3	W14	75	OAT	9	OATSATR	VFD_Chill	7.45255E-05	0	0
Rt3	W15	75	OAT	9	OATSATR	VFD_Chill	0.000100864	0	0
Rt3	W16	75	OAT	9	OATSATR	VFD_Chill	6.22866E-05	0	-3.78943E-10
Rt3	W01	75	OAT	9	DmdSATR	VFD_Chill	4.09839E-05	0	1.49836E-08
Rt3	W02	75	OAT	9	DmdSATR	VFD_Chill	6.25256E-05	0	-1.89472E-10
Rt3	W03	75	OAT	9	DmdSATR	VFD_Chill	8.30602E-05	0	8.9137E-09
Rt3	W04	75	OAT	9	DmdSATR	VFD_Chill	0.00010875	0	-5.68415E-10
Rt3	W05	75	OAT	9	DmdSATR	VFD_Chill	9.39164E-05	0	8.9137E-09
Rt3	W06	75	OAT	9	DmdSATR	VFD_Chill	0.000123515	0	2.59832E-08
Rt3	W07	75	OAT	9	DmdSATR	VFD_Chill	0.000152448	0	1.38451E-08
Rt3	W08	75	OAT	9	DmdSATR	VFD_Chill	0.000122064	0	0
Rt3	W09	75	OAT	9	DmdSATR	VFD_Chill	0.000118753	0	9.49065E-10
Rt3	W10	75	OAT	9	DmdSATR	VFD_Chill	9.13389E-05	0	0
Rt3	W11	75	OAT	9	DmdSATR	VFD_Chill	6.06992E-05	0	0
Rt3	W12	75	OAT	9	DmdSATR	VFD_Chill	7.57545E-05	0	-1.91178E-10
Rt3	W13	75	OAT	9	DmdSATR	VFD_Chill	7.11798E-05	0	0
Rt3	W14	75	OAT	9	DmdSATR	VFD_Chill	5.8446E-05	0	0
Rt3	W15	75	OAT	9	DmdSATR	VFD_Chill	8.48354E-05	0	0
Rt3	W16	75	OAT	9	DmdSATR	VFD_Chill	4.95528E-05	0	-1.89472E-10
Rt3	W01	75	OAT	3	NoSATR	No_VFD_Chill	1.7189E-05	0	3.60337E-09
Rt3	W02	75	OAT	3	NoSATR	No_VFD_Chill	1.42872E-05	0	0
Rt3	W03	75	OAT	3	NoSATR	No_VFD_Chill	2.02786E-05	0	1.51748E-09
Rt3	W04	75	OAT	3	NoSATR	No_VFD_Chill	2.29243E-05	0	-1.89472E-10
Rt3	W05	75	OAT	3	NoSATR	No_VFD_Chill	2.01591E-05	0	1.13854E-09
Rt3	W06	75	OAT	3	NoSATR	No_VFD_Chill	2.30097E-05	0	3.4139E-09
Rt3	W07	75	OAT	3	NoSATR	No_VFD_Chill	2.41021E-05	0	1.89642E-09
Rt3	W08	75	OAT	3	NoSATR	No_VFD_Chill	2.0381E-05	0	0
Rt3	W09	75	OAT	3	NoSATR	No_VFD_Chill	2.02956E-05	0	0
Rt3	W10	75	OAT	3	NoSATR	No_VFD_Chill	1.6199E-05	0	0
Rt3	W11	75	OAT	3	NoSATR	No_VFD_Chill	1.27509E-05	0	0
Rt3	W12	75	OAT	3	NoSATR	No_VFD_Chill	1.61136E-05	0	0
Rt3	W13	75	OAT	3	NoSATR	No_VFD_Chill	1.48675E-05	0	0
Rt3	W14	75	OAT	3	NoSATR	No_VFD_Chill	1.20169E-05	0	0
Rt3	W15	75	OAT	3	NoSATR	No_VFD_Chill	1.31606E-05	0	0
Rt3	W16	75	OAT	3	NoSATR	No_VFD_Chill	1.04295E-05	0	0
Rt3	W01	75	OAT	3	OATSATR	No_VFD_Chill	9.50772E-06	0	2.84549E-09
Rt3	W02	75	OAT	3	OATSATR	No_VFD_Chill	9.6272E-06	0	0
Rt3	W03	75	OAT	3	OATSATR	No_VFD_Chill	1.40311E-05	0	1.32801E-09
Rt3	W04	75	OAT	3	OATSATR	No_VFD_Chill	1.61307E-05	0	0
Rt3	W05	75	OAT	3	OATSATR	No_VFD_Chill	1.44067E-05	0	9.47358E-10
Rt3	W06	75	OAT	3	OATSATR	No_VFD_Chill	1.82132E-05	0	2.84378E-09
Rt3	W07	75	OAT	3	OATSATR	No_VFD_Chill	2.07053E-05	0	1.70695E-09
Rt3	W08	75	OAT	3	OATSATR	No_VFD_Chill	1.63355E-05	0	-1.91178E-10
Rt3	W09	75	OAT	3	OATSATR	No_VFD_Chill	1.60112E-05	0	0
Rt3	W10	75	OAT	3	OATSATR	No_VFD_Chill	1.24607E-05	0	0
Rt3	W11	75	OAT	3	OATSATR	No_VFD_Chill	8.92735E-06	0	0
Rt3	W12	75	OAT	3	OATSATR	No_VFD_Chill	1.09757E-05	0	-1.89472E-10
Rt3	W13	75	OAT	3	OATSATR	No_VFD_Chill	1.01734E-05	0	0
Rt3	W14	75	OAT	3	OATSATR	No_VFD_Chill	8.41527E-06	0	0
Rt3	W15	75	OAT	3	OATSATR	No_VFD_Chill	1.08562E-05	0	0
Rt3	W16	75	OAT	3	OATSATR	No_VFD_Chill	6.96436E-06	0	0
Rt3	W01	75	OAT	3	DmdSATR	No_VFD_Chill	4.77946E-06	0	1.51577E-09
Rt3	W02	75	OAT	3	DmdSATR	No_VFD_Chill	7.10091E-06	0	-1.89472E-10
Rt3	W03	75	OAT	3	DmdSATR	No_VFD_Chill	9.11512E-06	0	1.13854E-09
Rt3	W04	75	OAT	3	DmdSATR	No_VFD_Chill	1.18804E-05	0	-1.89472E-10
Rt3	W05	75	OAT	3	DmdSATR	No_VFD_Chill	1.05148E-05	0	9.49065E-10
Rt3	W06	75	OAT	3	DmdSATR	No_VFD_Chill	1.37239E-05	0	2.65602E-09
Rt3	W07	75	OAT	3	DmdSATR	No_VFD_Chill	1.62331E-05	0	1.70695E-09
Rt3	W08	75	OAT	3	DmdSATR	No_VFD_Chill	1.31947E-05	0	0
Rt3	W09	75	OAT	3	DmdSATR	No_VFD_Chill	1.26826E-05	0	1.89472E-10
Rt3	W10	75	OAT	3	DmdSATR	No_VFD_Chill	9.83204E-06	0	0
Rt3	W11	75	OAT	3	DmdSATR	No_VFD_Chill	6.36693E-06	0	0
Rt3	W12	75	OAT	3	DmdSATR	No_VFD_Chill	8.05681E-06	0	0
Rt3	W13	75	OAT	3	DmdSATR	No_VFD_Chill	7.52765E-06	0	0
Rt3	W14	75	OAT	3	DmdSATR	No_VFD_Chill	6.384E-06	0	0
Rt3	W15	75	OAT	3	DmdSATR	No_VFD_Chill	8.72252E-06	0	0
Rt3	W16	75	OAT	3	DmdSATR	No_VFD_Chill	5.29155E-06	0	0
Rt3	W01	75	OAT	9	NoSATR	No_VFD_Chill	4.45514E-05	0	9.86276E-09
Rt3	W02	75	OAT	9	NoSATR	No_VFD_Chill	3.82186E-05	0	0
Rt3	W03	75	OAT	9	NoSATR	No_VFD_Chill	5.34617E-05	0	4.17179E-09
Rt3	W04	75	OAT	9	NoSATR	No_VFD_Chill	6.06138E-05	0	-1.89472E-10
Rt3	W05	75	OAT	9	NoSATR	No_VFD_Chill	5.33422E-05	0	3.4139E-09
Rt3	W06	75	OAT	9	NoSATR	No_VFD_Chill	6.116E-05	0	9.67158E-09
Rt3	W07	75	OAT	9	NoSATR	No_VFD_Chill	6.48983E-05	0	5.69097E-09
Rt3	W08	75	OAT	9	NoSATR	No_VFD_Chill	5.46907E-05	0	0
Rt3	W09	75	OAT	9	NoSATR	No_VFD_Chill	5.42981E-05	0	1.89472E-10
Rt3	W10	75	OAT	9	NoSATR	No_VFD_Chill	4.33224E-05	0	-1.89472E-10
Rt3	W11	75	OAT	9	NoSATR	No_VFD_Chill	3.39683E-05	0	1.89472E-10
Rt3	W12	75	OAT	9	NoSATR	No_VFD_Chill	4.29298E-05	0	0
Rt3	W13	75	OAT	9	NoSATR	No_VFD_Chill	3.96183E-05	0	0
Rt3	W14	75	OAT	9	NoSATR	No_VFD_Chill	3.22272E-05	0	-1.89472E-10
Rt3	W15	75	OAT	9	NoSATR	No_VFD_Chill	3.51632E-05	0	0
Rt3	W16	75	OAT	9	NoSATR	No_VFD_Chill	2.79769E-05	0	-1.91178E-10
Rt3	W01	75	OAT	9	OATSATR	No_VFD_Chill	2.49898E-05	0	7.77687E-09
Rt3	W02	75	OAT	9	OATSATR	No_VFD_Chill	2.61505E-05	0	-1.89472E-10
Rt3	W03	75	OAT	9	OATSATR	No_VFD_Chill	3.76212E-05	0	3.60337E-09
Rt3	W04	75	OAT	9	OATSATR	No_VFD_Chill	4.40905E-05	0	-1.89472E-10
Rt3	W05	75	OAT	9	OATSATR	No_VFD_Chill	3.92599E-05	0	3.03325E-09
Rt3	W06	75	OAT	9	OATSATR	No_VFD_Chill	4.887E-05	0	8.34358E-09
Rt3	W07	75	OAT	9	OATSATR	No_VFD_Chill	5.59709E-05	0	5.12085E-09
Rt3	W08	75	OAT	9	OATSATR	No_VFD_Chill	4.44831E-05	0	-1.91178E-10
Rt3	W09	75	OAT	9	OATSATR	No_VFD_Chill	4.34419E-05	0	1.89472E-10
Rt3	W10	75	OAT	9	OATSATR	No_VFD_Chill	3.43268E-05	0	-1.91178E-10
Rt3	W11	75	OAT	9	OATSATR	No_VFD_Chill	2.43753E-05	0	0

## CHWST Reset db

Rt3	W12	75	OAT	9	OATSATR	No_VFD_Chill	2.99741E-05	0	-3.78943E-10
Rt3	W13	75	OAT	9	OATSATR	No_VFD_Chill	2.79769E-05	0	0
Rt3	W14	75	OAT	9	OATSATR	No_VFD_Chill	2.29585E-05	0	0
Rt3	W15	75	OAT	9	OATSATR	No_VFD_Chill	2.96668E-05	0	0
Rt3	W16	75	OAT	9	OATSATR	No_VFD_Chill	1.88106E-05	0	-3.78943E-10
Rt3	W01	75	OAT	9	DmdSATR	No_VFD_Chill	1.25461E-05	0	4.36126E-09
Rt3	W02	75	OAT	9	DmdSATR	No_VFD_Chill	1.89984E-05	0	-1.89472E-10
Rt3	W03	75	OAT	9	DmdSATR	No_VFD_Chill	2.46484E-05	0	3.03496E-09
Rt3	W04	75	OAT	9	DmdSATR	No_VFD_Chill	3.25857E-05	0	-3.78943E-10
Rt3	W05	75	OAT	9	DmdSATR	No_VFD_Chill	2.86938E-05	0	2.84549E-09
Rt3	W06	75	OAT	9	DmdSATR	No_VFD_Chill	3.73139E-05	0	7.5874E-09
Rt3	W07	75	OAT	9	DmdSATR	No_VFD_Chill	4.49952E-05	0	4.74191E-09
Rt3	W08	75	OAT	9	DmdSATR	No_VFD_Chill	3.62556E-05	0	0
Rt3	W09	75	OAT	9	DmdSATR	No_VFD_Chill	3.49584E-05	0	3.78943E-10
Rt3	W10	75	OAT	9	DmdSATR	No_VFD_Chill	2.72429E-05	0	-1.91178E-10
Rt3	W11	75	OAT	9	DmdSATR	No_VFD_Chill	1.77694E-05	0	0
Rt3	W12	75	OAT	9	DmdSATR	No_VFD_Chill	2.22074E-05	0	-1.89472E-10
Rt3	W13	75	OAT	9	DmdSATR	No_VFD_Chill	2.0876E-05	0	0
Rt3	W14	75	OAT	9	DmdSATR	No_VFD_Chill	1.74962E-05	0	0
Rt3	W15	75	OAT	9	DmdSATR	No_VFD_Chill	2.4324E-05	0	0
Rt3	W16	75	OAT	9	DmdSATR	No_VFD_Chill	1.49017E-05	0	-1.89472E-10
Rt3	W01	85	OAT	3	NoSATR	VFD_Chill	5.23692E-05	0	9.86276E-09
Rt3	W02	85	OAT	3	NoSATR	VFD_Chill	4.96893E-05	0	0
Rt3	W03	85	OAT	3	NoSATR	VFD_Chill	6.73563E-05	0	3.03496E-09
Rt3	W04	85	OAT	3	NoSATR	VFD_Chill	6.98826E-05	0	-1.89472E-10
Rt3	W05	85	OAT	3	NoSATR	VFD_Chill	6.28841E-05	0	3.03325E-09
Rt3	W06	85	OAT	3	NoSATR	VFD_Chill	7.17943E-05	0	9.29264E-09
Rt3	W07	85	OAT	3	NoSATR	VFD_Chill	7.68981E-05	0	4.7402E-09
Rt3	W08	85	OAT	3	NoSATR	VFD_Chill	6.43008E-05	0	0
Rt3	W09	85	OAT	3	NoSATR	VFD_Chill	6.57859E-05	0	1.89472E-10
Rt3	W10	85	OAT	3	NoSATR	VFD_Chill	5.31715E-05	0	0
Rt3	W11	85	OAT	3	NoSATR	VFD_Chill	4.53195E-05	0	0
Rt3	W12	85	OAT	3	NoSATR	VFD_Chill	5.39396E-05	0	0
Rt3	W13	85	OAT	3	NoSATR	VFD_Chill	4.8136E-05	0	0
Rt3	W14	85	OAT	3	NoSATR	VFD_Chill	3.86624E-05	0	0
Rt3	W15	85	OAT	3	NoSATR	VFD_Chill	4.3476E-05	0	0
Rt3	W16	85	OAT	3	NoSATR	VFD_Chill	4.1257E-05	0	0
Rt3	W01	85	OAT	3	OATSATR	VFD_Chill	3.72627E-05	0	8.15581E-09
Rt3	W02	85	OAT	3	OATSATR	VFD_Chill	3.63239E-05	0	0
Rt3	W03	85	OAT	3	OATSATR	VFD_Chill	5.28984E-05	0	3.22443E-09
Rt3	W04	85	OAT	3	OATSATR	VFD_Chill	5.76608E-05	0	-1.89472E-10
Rt3	W05	85	OAT	3	OATSATR	VFD_Chill	4.84262E-05	0	3.22443E-09
Rt3	W06	85	OAT	3	OATSATR	VFD_Chill	5.87191E-05	0	9.29435E-09
Rt3	W07	85	OAT	3	OATSATR	VFD_Chill	6.74246E-05	0	4.74191E-09
Rt3	W08	85	OAT	3	OATSATR	VFD_Chill	5.34446E-05	0	0
Rt3	W09	85	OAT	3	OATSATR	VFD_Chill	5.44005E-05	0	1.89472E-10
Rt3	W10	85	OAT	3	OATSATR	VFD_Chill	4.16837E-05	0	0
Rt3	W11	85	OAT	3	OATSATR	VFD_Chill	3.45658E-05	0	0
Rt3	W12	85	OAT	3	OATSATR	VFD_Chill	4.03011E-05	0	-1.89472E-10
Rt3	W13	85	OAT	3	OATSATR	VFD_Chill	3.52315E-05	0	0
Rt3	W14	85	OAT	3	OATSATR	VFD_Chill	2.95473E-05	0	0
Rt3	W15	85	OAT	3	OATSATR	VFD_Chill	3.63239E-05	0	0
Rt3	W16	85	OAT	3	OATSATR	VFD_Chill	3.39342E-05	0	0
Rt3	W01	85	OAT	3	DmdSATR	VFD_Chill	3.87478E-05	0	9.86276E-09
Rt3	W02	85	OAT	3	DmdSATR	VFD_Chill	3.47023E-05	0	0
Rt3	W03	85	OAT	3	DmdSATR	VFD_Chill	5.08842E-05	0	3.22443E-09
Rt3	W04	85	OAT	3	DmdSATR	VFD_Chill	5.53393E-05	0	0
Rt3	W05	85	OAT	3	DmdSATR	VFD_Chill	4.8375E-05	0	3.22443E-09
Rt3	W06	85	OAT	3	DmdSATR	VFD_Chill	5.94019E-05	0	9.48211E-09
Rt3	W07	85	OAT	3	DmdSATR	VFD_Chill	6.56323E-05	0	4.74191E-09
Rt3	W08	85	OAT	3	DmdSATR	VFD_Chill	5.34446E-05	0	1.91178E-10
Rt3	W09	85	OAT	3	DmdSATR	VFD_Chill	5.33593E-05	0	1.89472E-10
Rt3	W10	85	OAT	3	DmdSATR	VFD_Chill	4.14789E-05	0	0
Rt3	W11	85	OAT	3	DmdSATR	VFD_Chill	3.18176E-05	0	0
Rt3	W12	85	OAT	3	DmdSATR	VFD_Chill	3.86795E-05	0	0
Rt3	W13	85	OAT	3	DmdSATR	VFD_Chill	3.3405E-05	0	0
Rt3	W14	85	OAT	3	DmdSATR	VFD_Chill	2.70381E-05	0	0
Rt3	W15	85	OAT	3	DmdSATR	VFD_Chill	3.49071E-05	0	0
Rt3	W16	85	OAT	3	DmdSATR	VFD_Chill	3.41049E-05	0	0
Rt3	W01	85	OAT	9	NoSATR	VFD_Chill	0.000134439	0	2.59832E-08
Rt3	W02	85	OAT	9	NoSATR	VFD_Chill	0.000130309	0	-1.89472E-10
Rt3	W03	85	OAT	9	NoSATR	VFD_Chill	0.000173665	0	9.10488E-09
Rt3	W04	85	OAT	9	NoSATR	VFD_Chill	0.000182575	0	-3.78943E-10
Rt3	W05	85	OAT	9	NoSATR	VFD_Chill	0.000164926	0	8.9137E-09
Rt3	W06	85	OAT	9	NoSATR	VFD_Chill	0.000189335	0	2.59832E-08
Rt3	W07	85	OAT	9	NoSATR	VFD_Chill	0.000204237	0	1.36556E-08
Rt3	W08	85	OAT	9	NoSATR	VFD_Chill	0.000171446	0	1.89472E-10
Rt3	W09	85	OAT	9	NoSATR	VFD_Chill	0.00017387	0	7.59593E-10
Rt3	W10	85	OAT	9	NoSATR	VFD_Chill	0.000139919	0	0
Rt3	W11	85	OAT	9	NoSATR	VFD_Chill	0.000117575	0	0
Rt3	W12	85	OAT	9	NoSATR	VFD_Chill	0.00014125	0	-1.89472E-10
Rt3	W13	85	OAT	9	NoSATR	VFD_Chill	0.000125597	0	0
Rt3	W14	85	OAT	9	NoSATR	VFD_Chill	0.000101546	0	0
Rt3	W15	85	OAT	9	NoSATR	VFD_Chill	0.000115902	0	0
Rt3	W16	85	OAT	9	NoSATR	VFD_Chill	0.000107367	0	-1.89472E-10
Rt3	W01	85	OAT	9	OATSATR	VFD_Chill	9.59989E-05	0	2.16219E-08
Rt3	W02	85	OAT	9	OATSATR	VFD_Chill	9.67841E-05	0	-1.89472E-10
Rt3	W03	85	OAT	9	OATSATR	VFD_Chill	0.000137768	0	9.29264E-09
Rt3	W04	85	OAT	9	OATSATR	VFD_Chill	0.000150502	0	-3.78943E-10
Rt3	W05	85	OAT	9	OATSATR	VFD_Chill	0.000128448	0	8.9154E-09
Rt3	W06	85	OAT	9	OATSATR	VFD_Chill	0.000156818	0	2.59832E-08
Rt3	W07	85	OAT	9	OATSATR	VFD_Chill	0.000179605	0	1.36556E-08
Rt3	W08	85	OAT	9	OATSATR	VFD_Chill	0.000143537	0	0
Rt3	W09	85	OAT	9	OATSATR	VFD_Chill	0.000144801	0	7.59593E-10
Rt3	W10	85	OAT	9	OATSATR	VFD_Chill	0.000111293	0	0
Rt3	W11	85	OAT	9	OATSATR	VFD_Chill	9.05708E-05	0	0
Rt3	W12	85	OAT	9	OATSATR	VFD_Chill	0.000107657	0	-3.78943E-10
Rt3	W13	85	OAT	9	OATSATR	VFD_Chill	9.30288E-05	0	-1.89472E-10

## CHWST Reset db

Rt3	W14	85 OAT	9 OATSATR	VFD_Chill	7.79394E-05	0	0
Rt3	W15	85 OAT	9 OATSATR	VFD_Chill	9.73303E-05	0	0
Rt3	W16	85 OAT	9 OATSATR	VFD_Chill	8.743E-05	0	-1.89472E-10
Rt3	W01	85 OAT	9 DmdSATR	VFD_Chill	9.75693E-05	0	2.61727E-08
Rt3	W02	85 OAT	9 DmdSATR	VFD_Chill	9.18339E-05	0	0
Rt3	W03	85 OAT	9 DmdSATR	VFD_Chill	0.000133449	0	9.48211E-09
Rt3	W04	85 OAT	9 DmdSATR	VFD_Chill	0.000144835	0	-1.89472E-10
Rt3	W05	85 OAT	9 DmdSATR	VFD_Chill	0.000127714	0	9.10317E-09
Rt3	W06	85 OAT	9 DmdSATR	VFD_Chill	0.000157534	0	2.61727E-08
Rt3	W07	85 OAT	9 DmdSATR	VFD_Chill	0.000175253	0	1.38451E-08
Rt3	W08	85 OAT	9 DmdSATR	VFD_Chill	0.000143025	0	1.91178E-10
Rt3	W09	85 OAT	9 DmdSATR	VFD_Chill	0.000142394	0	7.57886E-10
Rt3	W10	85 OAT	9 DmdSATR	VFD_Chill	0.00011061	0	0
Rt3	W11	85 OAT	9 DmdSATR	VFD_Chill	8.45794E-05	0	0
Rt3	W12	85 OAT	9 DmdSATR	VFD_Chill	0.000102127	0	-1.89472E-10
Rt3	W13	85 OAT	9 DmdSATR	VFD_Chill	8.8659E-05	0	0
Rt3	W14	85 OAT	9 DmdSATR	VFD_Chill	7.17261E-05	0	0
Rt3	W15	85 OAT	9 DmdSATR	VFD_Chill	9.40701E-05	0	0
Rt3	W16	85 OAT	9 DmdSATR	VFD_Chill	8.71569E-05	0	-1.91178E-10
Rt3	W01	85 OAT	3 NoSATR	No_VFD_Chill	1.55674E-05	0	2.65431E-09
Rt3	W02	85 OAT	3 NoSATR	No_VFD_Chill	1.45774E-05	0	0
Rt3	W03	85 OAT	3 NoSATR	No_VFD_Chill	2.01249E-05	0	9.49065E-10
Rt3	W04	85 OAT	3 NoSATR	No_VFD_Chill	2.10126E-05	0	-1.89472E-10
Rt3	W05	85 OAT	3 NoSATR	No_VFD_Chill	1.82644E-05	0	9.47358E-10
Rt3	W06	85 OAT	3 NoSATR	No_VFD_Chill	2.08589E-05	0	2.84549E-09
Rt3	W07	85 OAT	3 NoSATR	No_VFD_Chill	2.20197E-05	0	1.70695E-09
Rt3	W08	85 OAT	3 NoSATR	No_VFD_Chill	1.83327E-05	0	0
Rt3	W09	85 OAT	3 NoSATR	No_VFD_Chill	1.87594E-05	0	0
Rt3	W10	85 OAT	3 NoSATR	No_VFD_Chill	1.56896E-05	0	0
Rt3	W11	85 OAT	3 NoSATR	No_VFD_Chill	1.39287E-05	0	0
Rt3	W12	85 OAT	3 NoSATR	No_VFD_Chill	1.60624E-05	0	0
Rt3	W13	85 OAT	3 NoSATR	No_VFD_Chill	1.45091E-05	0	0
Rt3	W14	85 OAT	3 NoSATR	No_VFD_Chill	1.15219E-05	0	0
Rt3	W15	85 OAT	3 NoSATR	No_VFD_Chill	1.23925E-05	0	0
Rt3	W16	85 OAT	3 NoSATR	No_VFD_Chill	1.27509E-05	0	-1.91178E-10
Rt3	W01	85 OAT	3 OATSATR	No_VFD_Chill	1.19145E-05	0	2.46654E-09
Rt3	W02	85 OAT	3 OATSATR	No_VFD_Chill	1.06684E-05	0	0
Rt3	W03	85 OAT	3 OATSATR	No_VFD_Chill	1.59941E-05	0	1.13854E-09
Rt3	W04	85 OAT	3 OATSATR	No_VFD_Chill	1.81107E-05	0	0
Rt3	W05	85 OAT	3 OATSATR	No_VFD_Chill	1.44579E-05	0	9.47358E-10
Rt3	W06	85 OAT	3 OATSATR	No_VFD_Chill	1.71207E-05	0	2.84549E-09
Rt3	W07	85 OAT	3 OATSATR	No_VFD_Chill	1.96641E-05	0	1.70695E-09
Rt3	W08	85 OAT	3 OATSATR	No_VFD_Chill	1.55503E-05	0	0
Rt3	W09	85 OAT	3 OATSATR	No_VFD_Chill	1.60283E-05	0	1.89472E-10
Rt3	W10	85 OAT	3 OATSATR	No_VFD_Chill	1.23071E-05	0	-1.89472E-10
Rt3	W11	85 OAT	3 OATSATR	No_VFD_Chill	1.07879E-05	0	0
Rt3	W12	85 OAT	3 OATSATR	No_VFD_Chill	1.19999E-05	0	0
Rt3	W13	85 OAT	3 OATSATR	No_VFD_Chill	1.07367E-05	0	-1.89472E-10
Rt3	W14	85 OAT	3 OATSATR	No_VFD_Chill	9.28581E-06	0	0
Rt3	W15	85 OAT	3 OATSATR	No_VFD_Chill	1.0549E-05	0	0
Rt3	W16	85 OAT	3 OATSATR	No_VFD_Chill	1.09757E-05	0	0
Rt3	W01	85 OAT	3 DmdSATR	No_VFD_Chill	1.23925E-05	0	3.03496E-09
Rt3	W02	85 OAT	3 DmdSATR	No_VFD_Chill	1.03441E-05	0	-1.89472E-10
Rt3	W03	85 OAT	3 DmdSATR	No_VFD_Chill	1.52431E-05	0	1.13854E-09
Rt3	W04	85 OAT	3 DmdSATR	No_VFD_Chill	1.70183E-05	0	0
Rt3	W05	85 OAT	3 DmdSATR	No_VFD_Chill	1.44237E-05	0	1.13854E-09
Rt3	W06	85 OAT	3 DmdSATR	No_VFD_Chill	1.75987E-05	0	3.03496E-09
Rt3	W07	85 OAT	3 DmdSATR	No_VFD_Chill	1.9152E-05	0	1.70695E-09
Rt3	W08	85 OAT	3 DmdSATR	No_VFD_Chill	1.56869E-05	0	0
Rt3	W09	85 OAT	3 DmdSATR	No_VFD_Chill	1.54479E-05	0	1.89472E-10
Rt3	W10	85 OAT	3 DmdSATR	No_VFD_Chill	1.229E-05	0	0
Rt3	W11	85 OAT	3 DmdSATR	No_VFD_Chill	9.83204E-06	0	0
Rt3	W12	85 OAT	3 DmdSATR	No_VFD_Chill	1.17438E-05	0	0
Rt3	W13	85 OAT	3 DmdSATR	No_VFD_Chill	1.02417E-05	0	0
Rt3	W14	85 OAT	3 DmdSATR	No_VFD_Chill	8.36406E-06	0	0
Rt3	W15	85 OAT	3 DmdSATR	No_VFD_Chill	9.86618E-06	0	0
Rt3	W16	85 OAT	3 DmdSATR	No_VFD_Chill	1.14195E-05	0	0
Rt3	W01	85 OAT	9 NoSATR	No_VFD_Chill	4.08473E-05	0	7.20675E-09
Rt3	W02	85 OAT	9 NoSATR	No_VFD_Chill	3.91916E-05	0	-1.91178E-10
Rt3	W03	85 OAT	9 NoSATR	No_VFD_Chill	5.13792E-05	0	2.84549E-09
Rt3	W04	85 OAT	9 NoSATR	No_VFD_Chill	5.45541E-05	0	-3.8065E-10
Rt3	W05	85 OAT	9 NoSATR	No_VFD_Chill	4.86652E-05	0	2.84378E-09
Rt3	W06	85 OAT	9 NoSATR	No_VFD_Chill	5.52199E-05	0	7.77687E-09
Rt3	W07	85 OAT	9 NoSATR	No_VFD_Chill	5.88045E-05	0	4.7402E-09
Rt3	W08	85 OAT	9 NoSATR	No_VFD_Chill	4.96552E-05	0	0
Rt3	W09	85 OAT	9 NoSATR	No_VFD_Chill	4.9604E-05	0	1.89472E-10
Rt3	W10	85 OAT	9 NoSATR	No_VFD_Chill	4.1018E-05	0	0
Rt3	W11	85 OAT	9 NoSATR	No_VFD_Chill	3.60508E-05	0	0
Rt3	W12	85 OAT	9 NoSATR	No_VFD_Chill	4.25714E-05	0	-1.89472E-10
Rt3	W13	85 OAT	9 NoSATR	No_VFD_Chill	3.78431E-05	0	0
Rt3	W14	85 OAT	9 NoSATR	No_VFD_Chill	3.09982E-05	0	0
Rt3	W15	85 OAT	9 NoSATR	No_VFD_Chill	3.31319E-05	0	0
Rt3	W16	85 OAT	9 NoSATR	No_VFD_Chill	3.43097E-05	0	-3.8065E-10
Rt3	W01	85 OAT	9 OATSATR	No_VFD_Chill	3.17493E-05	0	6.44886E-09
Rt3	W02	85 OAT	9 OATSATR	No_VFD_Chill	2.93425E-05	0	-1.89472E-10
Rt3	W03	85 OAT	9 OATSATR	No_VFD_Chill	4.17179E-05	0	3.22443E-09
Rt3	W04	85 OAT	9 OATSATR	No_VFD_Chill	4.63437E-05	0	-3.8065E-10
Rt3	W05	85 OAT	9 OATSATR	No_VFD_Chill	3.91062E-05	0	2.84378E-09
Rt3	W06	85 OAT	9 OATSATR	No_VFD_Chill	4.64461E-05	0	8.15581E-09
Rt3	W07	85 OAT	9 OATSATR	No_VFD_Chill	5.2301E-05	0	4.74191E-09
Rt3	W08	85 OAT	9 OATSATR	No_VFD_Chill	4.23153E-05	0	-1.89472E-10
Rt3	W09	85 OAT	9 OATSATR	No_VFD_Chill	4.26055E-05	0	3.78943E-10
Rt3	W10	85 OAT	9 OATSATR	No_VFD_Chill	3.28759E-05	0	-1.89472E-10
Rt3	W11	85 OAT	9 OATSATR	No_VFD_Chill	2.80964E-05	0	0
Rt3	W12	85 OAT	9 OATSATR	No_VFD_Chill	3.31148E-05	0	-1.91178E-10
Rt3	W13	85 OAT	9 OATSATR	No_VFD_Chill	2.81476E-05	0	-1.89472E-10
Rt3	W14	85 OAT	9 OATSATR	No_VFD_Chill	2.45118E-05	0	0
Rt3	W15	85 OAT	9 OATSATR	No_VFD_Chill	2.80452E-05	0	0



## CHWST Reset db

Rt3	W16	85	OAT	9	OATSATR	No_VFD_Chill	2.83525E-05	0	-1.89472E-10
Rt3	W01	85	OAT	9	DmdSATR	No_VFD_Chill	3.06739E-05	0	7.96634E-09
Rt3	W02	85	OAT	9	DmdSATR	No_VFD_Chill	2.77209E-05	0	-1.89472E-10
Rt3	W03	85	OAT	9	DmdSATR	No_VFD_Chill	4.07278E-05	0	3.4139E-09
Rt3	W04	85	OAT	9	DmdSATR	No_VFD_Chill	4.38345E-05	0	-1.89472E-10
Rt3	W05	85	OAT	9	DmdSATR	No_VFD_Chill	3.85259E-05	0	3.03496E-09
Rt3	W06	85	OAT	9	DmdSATR	No_VFD_Chill	4.67704E-05	0	8.15581E-09
Rt3	W07	85	OAT	9	DmdSATR	No_VFD_Chill	5.13621E-05	0	4.74191E-09
Rt3	W08	85	OAT	9	DmdSATR	No_VFD_Chill	4.23153E-05	0	0
Rt3	W09	85	OAT	9	DmdSATR	No_VFD_Chill	4.13594E-05	0	3.8065E-10
Rt3	W10	85	OAT	9	DmdSATR	No_VFD_Chill	3.28076E-05	0	0
Rt3	W11	85	OAT	9	DmdSATR	No_VFD_Chill	2.66967E-05	0	0
Rt3	W12	85	OAT	9	DmdSATR	No_VFD_Chill	3.09641E-05	0	-1.89472E-10
Rt3	W13	85	OAT	9	DmdSATR	No_VFD_Chill	2.73283E-05	0	0
Rt3	W14	85	OAT	9	DmdSATR	No_VFD_Chill	2.22757E-05	0	0
Rt3	W15	85	OAT	9	DmdSATR	No_VFD_Chill	2.6765E-05	0	0
Rt3	W16	85	OAT	9	DmdSATR	No_VFD_Chill	2.88304E-05	0	-1.89472E-10
Rt3	W01	96	OAT	3	NoSATR	VFD_Chill	4.92285E-05	0	9.48211E-09
Rt3	W02	96	OAT	3	NoSATR	VFD_Chill	4.80165E-05	0	0
Rt3	W03	96	OAT	3	NoSATR	VFD_Chill	6.3123E-05	0	3.03496E-09
Rt3	W04	96	OAT	3	NoSATR	VFD_Chill	6.66906E-05	0	-1.89472E-10
Rt3	W05	96	OAT	3	NoSATR	VFD_Chill	6.0409E-05	0	3.03496E-09
Rt3	W06	96	OAT	3	NoSATR	VFD_Chill	6.86023E-05	0	8.9137E-09
Rt3	W07	96	OAT	3	NoSATR	VFD_Chill	7.41329E-05	0	4.55244E-09
Rt3	W08	96	OAT	3	NoSATR	VFD_Chill	6.20306E-05	0	0
Rt3	W09	96	OAT	3	NoSATR	VFD_Chill	6.26963E-05	0	3.78943E-10
Rt3	W10	96	OAT	3	NoSATR	VFD_Chill	5.04404E-05	0	0
Rt3	W11	96	OAT	3	NoSATR	VFD_Chill	4.26908E-05	0	0
Rt3	W12	96	OAT	3	NoSATR	VFD_Chill	5.16694E-05	0	-1.89472E-10
Rt3	W13	96	OAT	3	NoSATR	VFD_Chill	4.72484E-05	0	0
Rt3	W14	96	OAT	3	NoSATR	VFD_Chill	3.64434E-05	0	0
Rt3	W15	96	OAT	3	NoSATR	VFD_Chill	4.07278E-05	0	0
Rt3	W16	96	OAT	3	NoSATR	VFD_Chill	4.27762E-05	0	0
Rt3	W01	96	OAT	3	OATSATR	VFD_Chill	3.33709E-05	0	7.77516E-09
Rt3	W02	96	OAT	3	OATSATR	VFD_Chill	3.71774E-05	0	0
Rt3	W03	96	OAT	3	OATSATR	VFD_Chill	4.97918E-05	0	3.03496E-09
Rt3	W04	96	OAT	3	OATSATR	VFD_Chill	5.49638E-05	0	0
Rt3	W05	96	OAT	3	OATSATR	VFD_Chill	4.78458E-05	0	2.84549E-09
Rt3	W06	96	OAT	3	OATSATR	VFD_Chill	5.71316E-05	0	9.10317E-09
Rt3	W07	96	OAT	3	OATSATR	VFD_Chill	6.42155E-05	0	4.55244E-09
Rt3	W08	96	OAT	3	OATSATR	VFD_Chill	5.16011E-05	0	0
Rt3	W09	96	OAT	3	OATSATR	VFD_Chill	5.13621E-05	0	3.78943E-10
Rt3	W10	96	OAT	3	OATSATR	VFD_Chill	4.05401E-05	0	0
Rt3	W11	96	OAT	3	OATSATR	VFD_Chill	3.33367E-05	0	0
Rt3	W12	96	OAT	3	OATSATR	VFD_Chill	4.11034E-05	0	-1.91178E-10
Rt3	W13	96	OAT	3	OATSATR	VFD_Chill	3.65287E-05	0	0
Rt3	W14	96	OAT	3	OATSATR	VFD_Chill	3.00253E-05	0	0
Rt3	W15	96	OAT	3	OATSATR	VFD_Chill	3.3883E-05	0	0
Rt3	W16	96	OAT	3	OATSATR	VFD_Chill	3.52315E-05	0	-1.89472E-10
Rt3	W01	96	OAT	3	DmdSATR	VFD_Chill	3.72457E-05	0	9.10317E-09
Rt3	W02	96	OAT	3	DmdSATR	VFD_Chill	3.82186E-05	0	0
Rt3	W03	96	OAT	3	DmdSATR	VFD_Chill	4.99283E-05	0	3.03496E-09
Rt3	W04	96	OAT	3	DmdSATR	VFD_Chill	5.52881E-05	0	-1.89472E-10
Rt3	W05	96	OAT	3	DmdSATR	VFD_Chill	4.79824E-05	0	3.03496E-09
Rt3	W06	96	OAT	3	DmdSATR	VFD_Chill	5.80875E-05	0	9.10317E-09
Rt3	W07	96	OAT	3	DmdSATR	VFD_Chill	6.39253E-05	0	4.74191E-09
Rt3	W08	96	OAT	3	DmdSATR	VFD_Chill	5.16182E-05	0	0
Rt3	W09	96	OAT	3	DmdSATR	VFD_Chill	5.14134E-05	0	1.89472E-10
Rt3	W10	96	OAT	3	DmdSATR	VFD_Chill	4.02328E-05	0	0
Rt3	W11	96	OAT	3	DmdSATR	VFD_Chill	3.30807E-05	0	0
Rt3	W12	96	OAT	3	DmdSATR	VFD_Chill	4.11546E-05	0	0
Rt3	W13	96	OAT	3	DmdSATR	VFD_Chill	3.57948E-05	0	0
Rt3	W14	96	OAT	3	DmdSATR	VFD_Chill	2.86597E-05	0	0
Rt3	W15	96	OAT	3	DmdSATR	VFD_Chill	3.33026E-05	0	0
Rt3	W16	96	OAT	3	DmdSATR	VFD_Chill	3.67165E-05	0	0
Rt3	W01	96	OAT	9	NoSATR	VFD_Chill	0.000126229	0	2.52253E-08
Rt3	W02	96	OAT	9	NoSATR	VFD_Chill	0.000124898	0	-1.89472E-10
Rt3	W03	96	OAT	9	NoSATR	VFD_Chill	0.000163697	0	8.9137E-09
Rt3	W04	96	OAT	9	NoSATR	VFD_Chill	0.000174689	0	-3.78943E-10
Rt3	W05	96	OAT	9	NoSATR	VFD_Chill	0.000158012	0	8.72423E-09
Rt3	W06	96	OAT	9	NoSATR	VFD_Chill	0.000180851	0	2.52236E-08
Rt3	W07	96	OAT	9	NoSATR	VFD_Chill	0.000197085	0	1.32767E-08
Rt3	W08	96	OAT	9	NoSATR	VFD_Chill	0.000163867	0	0
Rt3	W09	96	OAT	9	NoSATR	VFD_Chill	0.000166479	0	7.57886E-10
Rt3	W10	96	OAT	9	NoSATR	VFD_Chill	0.000133262	0	0
Rt3	W11	96	OAT	9	NoSATR	VFD_Chill	0.000110508	0	0
Rt3	W12	96	OAT	9	NoSATR	VFD_Chill	0.000134422	0	-1.89472E-10
Rt3	W13	96	OAT	9	NoSATR	VFD_Chill	0.000123549	0	0
Rt3	W14	96	OAT	9	NoSATR	VFD_Chill	9.58965E-05	0	0
Rt3	W15	96	OAT	9	NoSATR	VFD_Chill	0.000109467	0	0
Rt3	W16	96	OAT	9	NoSATR	VFD_Chill	0.00010904	0	-1.89472E-10
Rt3	W01	96	OAT	9	OATSATR	VFD_Chill	8.61669E-05	0	2.04834E-08
Rt3	W02	96	OAT	9	OATSATR	VFD_Chill	9.73645E-05	0	-1.89472E-10
Rt3	W03	96	OAT	9	OATSATR	VFD_Chill	0.000130274	0	8.9137E-09
Rt3	W04	96	OAT	9	OATSATR	VFD_Chill	0.000146081	0	-1.89472E-10
Rt3	W05	96	OAT	9	OATSATR	VFD_Chill	0.000126212	0	8.53475E-09
Rt3	W06	96	OAT	9	OATSATR	VFD_Chill	0.000151526	0	2.52253E-08
Rt3	W07	96	OAT	9	OATSATR	VFD_Chill	0.000172453	0	1.32767E-08
Rt3	W08	96	OAT	9	OATSATR	VFD_Chill	0.000138417	0	0
Rt3	W09	96	OAT	9	OATSATR	VFD_Chill	0.000136607	0	9.47358E-10
Rt3	W10	96	OAT	9	OATSATR	VFD_Chill	0.000107709	0	-1.91178E-10
Rt3	W11	96	OAT	9	OATSATR	VFD_Chill	8.88468E-05	0	0
Rt3	W12	96	OAT	9	OATSATR	VFD_Chill	0.00010747	0	-1.91178E-10
Rt3	W13	96	OAT	9	OATSATR	VFD_Chill	9.62891E-05	0	0
Rt3	W14	96	OAT	9	OATSATR	VFD_Chill	7.81783E-05	0	0
Rt3	W15	96	OAT	9	OATSATR	VFD_Chill	9.09463E-05	0	0
Rt3	W16	96	OAT	9	OATSATR	VFD_Chill	9.07927E-05	0	-1.89472E-10
Rt3	W01	96	OAT	9	DmdSATR	VFD_Chill	9.55039E-05	0	2.46552E-08

## CHWST Reset db

Rt3	W02	96 OAT	9 DmdSATR	VFD_Chill	9.87812E-05	0	0
Rt3	W03	96 OAT	9 DmdSATR	VFD_Chill	0.000128721	0	9.10488E-09
Rt3	W04	96 OAT	9 DmdSATR	VFD_Chill	0.000144664	0	-1.89472E-10
Rt3	W05	96 OAT	9 DmdSATR	VFD_Chill	0.000125034	0	8.72423E-09
Rt3	W06	96 OAT	9 DmdSATR	VFD_Chill	0.000153711	0	2.52236E-08
Rt3	W07	96 OAT	9 DmdSATR	VFD_Chill	0.000170098	0	1.34661E-08
Rt3	W08	96 OAT	9 DmdSATR	VFD_Chill	0.000138843	0	1.89472E-10
Rt3	W09	96 OAT	9 DmdSATR	VFD_Chill	0.00013659	0	7.59593E-10
Rt3	W10	96 OAT	9 DmdSATR	VFD_Chill	0.000107265	0	0
Rt3	W11	96 OAT	9 DmdSATR	VFD_Chill	8.66277E-05	0	0
Rt3	W12	96 OAT	9 DmdSATR	VFD_Chill	0.00010764	0	-1.89472E-10
Rt3	W13	96 OAT	9 DmdSATR	VFD_Chill	9.46504E-05	0	0
Rt3	W14	96 OAT	9 DmdSATR	VFD_Chill	7.47132E-05	0	-1.89472E-10
Rt3	W15	96 OAT	9 DmdSATR	VFD_Chill	8.9888E-05	0	0
Rt3	W16	96 OAT	9 DmdSATR	VFD_Chill	9.26874E-05	0	0
Rt3	W01	96 OAT	3 NoSATR	No_VFD_Chill	1.45432E-05	0	2.46654E-09
Rt3	W02	96 OAT	3 NoSATR	No_VFD_Chill	1.43042E-05	0	0
Rt3	W03	96 OAT	3 NoSATR	No_VFD_Chill	1.84692E-05	0	9.49065E-10
Rt3	W04	96 OAT	3 NoSATR	No_VFD_Chill	1.94422E-05	0	0
Rt3	W05	96 OAT	3 NoSATR	No_VFD_Chill	1.72914E-05	0	9.49065E-10
Rt3	W06	96 OAT	3 NoSATR	No_VFD_Chill	1.97665E-05	0	2.65431E-09
Rt3	W07	96 OAT	3 NoSATR	No_VFD_Chill	2.10979E-05	0	1.51748E-09
Rt3	W08	96 OAT	3 NoSATR	No_VFD_Chill	1.80425E-05	0	0
Rt3	W09	96 OAT	3 NoSATR	No_VFD_Chill	1.78718E-05	0	0
Rt3	W10	96 OAT	3 NoSATR	No_VFD_Chill	1.46627E-05	0	0
Rt3	W11	96 OAT	3 NoSATR	No_VFD_Chill	1.29558E-05	0	0
Rt3	W12	96 OAT	3 NoSATR	No_VFD_Chill	1.56869E-05	0	0
Rt3	W13	96 OAT	3 NoSATR	No_VFD_Chill	1.41506E-05	0	0
Rt3	W14	96 OAT	3 NoSATR	No_VFD_Chill	1.06514E-05	0	0
Rt3	W15	96 OAT	3 NoSATR	No_VFD_Chill	1.12829E-05	0	0
Rt3	W16	96 OAT	3 NoSATR	No_VFD_Chill	1.35532E-05	0	0
Rt3	W01	96 OAT	3 OATSATR	No_VFD_Chill	1.04465E-05	0	2.27707E-09
Rt3	W02	96 OAT	3 OATSATR	No_VFD_Chill	1.14366E-05	0	0
Rt3	W03	96 OAT	3 OATSATR	No_VFD_Chill	1.50212E-05	0	1.13854E-09
Rt3	W04	96 OAT	3 OATSATR	No_VFD_Chill	1.6711E-05	0	0
Rt3	W05	96 OAT	3 OATSATR	No_VFD_Chill	1.44749E-05	0	9.47358E-10
Rt3	W06	96 OAT	3 OATSATR	No_VFD_Chill	1.68988E-05	0	2.84549E-09
Rt3	W07	96 OAT	3 OATSATR	No_VFD_Chill	1.82132E-05	0	1.51748E-09
Rt3	W08	96 OAT	3 OATSATR	No_VFD_Chill	1.497E-05	0	0
Rt3	W09	96 OAT	3 OATSATR	No_VFD_Chill	1.49187E-05	0	0
Rt3	W10	96 OAT	3 OATSATR	No_VFD_Chill	1.21876E-05	0	0
Rt3	W11	96 OAT	3 OATSATR	No_VFD_Chill	1.00027E-05	0	0
Rt3	W12	96 OAT	3 OATSATR	No_VFD_Chill	1.28363E-05	0	0
Rt3	W13	96 OAT	3 OATSATR	No_VFD_Chill	1.12147E-05	0	0
Rt3	W14	96 OAT	3 OATSATR	No_VFD_Chill	9.47358E-06	0	0
Rt3	W15	96 OAT	3 OATSATR	No_VFD_Chill	9.66134E-06	0	0
Rt3	W16	96 OAT	3 OATSATR	No_VFD_Chill	1.14536E-05	0	-1.89472E-10
Rt3	W01	96 OAT	3 DmdSATR	No_VFD_Chill	1.16755E-05	0	2.65602E-09
Rt3	W02	96 OAT	3 DmdSATR	No_VFD_Chill	1.21193E-05	0	0
Rt3	W03	96 OAT	3 DmdSATR	No_VFD_Chill	1.52772E-05	0	9.47358E-10
Rt3	W04	96 OAT	3 DmdSATR	No_VFD_Chill	1.72573E-05	0	0
Rt3	W05	96 OAT	3 DmdSATR	No_VFD_Chill	1.44237E-05	0	9.49065E-10
Rt3	W06	96 OAT	3 DmdSATR	No_VFD_Chill	1.74109E-05	0	2.65602E-09
Rt3	W07	96 OAT	3 DmdSATR	No_VFD_Chill	1.86228E-05	0	1.51577E-09
Rt3	W08	96 OAT	3 DmdSATR	No_VFD_Chill	1.48675E-05	0	0
Rt3	W09	96 OAT	3 DmdSATR	No_VFD_Chill	1.50212E-05	0	0
Rt3	W10	96 OAT	3 DmdSATR	No_VFD_Chill	1.19145E-05	0	0
Rt3	W11	96 OAT	3 DmdSATR	No_VFD_Chill	1.02076E-05	0	0
Rt3	W12	96 OAT	3 DmdSATR	No_VFD_Chill	1.28533E-05	0	-1.89472E-10
Rt3	W13	96 OAT	3 DmdSATR	No_VFD_Chill	1.09245E-05	0	0
Rt3	W14	96 OAT	3 DmdSATR	No_VFD_Chill	9.02977E-06	0	0
Rt3	W15	96 OAT	3 DmdSATR	No_VFD_Chill	9.54185E-06	0	0
Rt3	W16	96 OAT	3 DmdSATR	No_VFD_Chill	1.23242E-05	0	0
Rt3	W01	96 OAT	9 NoSATR	No_VFD_Chill	3.78772E-05	0	6.8278E-09
Rt3	W02	96 OAT	9 NoSATR	No_VFD_Chill	3.75871E-05	0	0
Rt3	W03	96 OAT	9 NoSATR	No_VFD_Chill	4.7897E-05	0	2.84549E-09
Rt3	W04	96 OAT	9 NoSATR	No_VFD_Chill	5.07476E-05	0	-1.89472E-10
Rt3	W05	96 OAT	9 NoSATR	No_VFD_Chill	4.54732E-05	0	2.84549E-09
Rt3	W06	96 OAT	9 NoSATR	No_VFD_Chill	5.21473E-05	0	7.58569E-09
Rt3	W07	96 OAT	9 NoSATR	No_VFD_Chill	5.64318E-05	0	4.55244E-09
Rt3	W08	96 OAT	9 NoSATR	No_VFD_Chill	4.72655E-05	0	0
Rt3	W09	96 OAT	9 NoSATR	No_VFD_Chill	4.788E-05	0	1.89472E-10
Rt3	W10	96 OAT	9 NoSATR	No_VFD_Chill	3.88502E-05	0	0
Rt3	W11	96 OAT	9 NoSATR	No_VFD_Chill	3.30807E-05	0	0
Rt3	W12	96 OAT	9 NoSATR	No_VFD_Chill	4.06425E-05	0	0
Rt3	W13	96 OAT	9 NoSATR	No_VFD_Chill	3.69896E-05	0	0
Rt3	W14	96 OAT	9 NoSATR	No_VFD_Chill	2.88133E-05	0	0
Rt3	W15	96 OAT	9 NoSATR	No_VFD_Chill	3.09982E-05	0	0
Rt3	W16	96 OAT	9 NoSATR	No_VFD_Chill	3.4139E-05	0	-1.89472E-10
Rt3	W01	96 OAT	9 OATSATR	No_VFD_Chill	2.76697E-05	0	5.88045E-09
Rt3	W02	96 OAT	9 OATSATR	No_VFD_Chill	3.03154E-05	0	0
Rt3	W03	96 OAT	9 OATSATR	No_VFD_Chill	3.98744E-05	0	3.03496E-09
Rt3	W04	96 OAT	9 OATSATR	No_VFD_Chill	4.53707E-05	0	-1.89472E-10
Rt3	W05	96 OAT	9 OATSATR	No_VFD_Chill	3.88843E-05	0	2.84378E-09
Rt3	W06	96 OAT	9 OATSATR	No_VFD_Chill	4.49099E-05	0	7.5874E-09
Rt3	W07	96 OAT	9 OATSATR	No_VFD_Chill	4.9843E-05	0	4.55244E-09
Rt3	W08	96 OAT	9 OATSATR	No_VFD_Chill	4.06425E-05	0	0
Rt3	W09	96 OAT	9 OATSATR	No_VFD_Chill	3.92599E-05	0	1.91178E-10
Rt3	W10	96 OAT	9 OATSATR	No_VFD_Chill	3.21931E-05	0	0
Rt3	W11	96 OAT	9 OATSATR	No_VFD_Chill	2.77892E-05	0	0
Rt3	W12	96 OAT	9 OATSATR	No_VFD_Chill	3.32343E-05	0	-1.89472E-10
Rt3	W13	96 OAT	9 OATSATR	No_VFD_Chill	2.95132E-05	0	0
Rt3	W14	96 OAT	9 OATSATR	No_VFD_Chill	2.4563E-05	0	0
Rt3	W15	96 OAT	9 OATSATR	No_VFD_Chill	2.56725E-05	0	0
Rt3	W16	96 OAT	9 OATSATR	No_VFD_Chill	2.9718E-05	0	-1.89472E-10
Rt3	W01	96 OAT	9 DmdSATR	No_VFD_Chill	3.05715E-05	0	7.20675E-09
Rt3	W02	96 OAT	9 DmdSATR	No_VFD_Chill	3.08787E-05	0	0
Rt3	W03	96 OAT	9 DmdSATR	No_VFD_Chill	3.856E-05	0	3.03325E-09

## CHWST Reset db

Rt3	W04	96 OAT	9 DmdSATR	No_VFD_Chill	4.45343E-05	0	-1.89472E-10
Rt3	W05	96 OAT	9 DmdSATR	No_VFD_Chill	3.69726E-05	0	2.84549E-09
Rt3	W06	96 OAT	9 DmdSATR	No_VFD_Chill	4.60194E-05	0	7.77687E-09
Rt3	W07	96 OAT	9 DmdSATR	No_VFD_Chill	4.92967E-05	0	4.55073E-09
Rt3	W08	96 OAT	9 DmdSATR	No_VFD_Chill	4.07791E-05	0	0
Rt3	W09	96 OAT	9 DmdSATR	No_VFD_Chill	3.95671E-05	0	1.89472E-10
Rt3	W10	96 OAT	9 DmdSATR	No_VFD_Chill	3.18517E-05	0	0
Rt3	W11	96 OAT	9 DmdSATR	No_VFD_Chill	2.67821E-05	0	0
Rt3	W12	96 OAT	9 DmdSATR	No_VFD_Chill	3.35416E-05	0	-1.89472E-10
Rt3	W13	96 OAT	9 DmdSATR	No_VFD_Chill	2.92401E-05	0	0
Rt3	W14	96 OAT	9 DmdSATR	No_VFD_Chill	2.33852E-05	0	-1.91178E-10
Rt3	W15	96 OAT	9 DmdSATR	No_VFD_Chill	2.59969E-05	0	0
Rt3	W16	96 OAT	9 DmdSATR	No_VFD_Chill	3.01789E-05	0	-1.89472E-10
Rt3	W01	3 OAT	3 NoSATR	VFD_Chill	3.75188E-05	0	7.77687E-09
Rt3	W02	3 OAT	3 NoSATR	VFD_Chill	3.59484E-05	0	-1.89472E-10
Rt3	W03	3 OAT	3 NoSATR	VFD_Chill	4.94504E-05	0	2.46484E-09
Rt3	W04	3 OAT	3 NoSATR	VFD_Chill	5.21986E-05	0	0
Rt3	W05	3 OAT	3 NoSATR	VFD_Chill	4.60877E-05	0	2.46654E-09
Rt3	W06	3 OAT	3 NoSATR	VFD_Chill	5.452E-05	0	7.39622E-09
Rt3	W07	3 OAT	3 NoSATR	VFD_Chill	5.92483E-05	0	3.79284E-09
Rt3	W08	3 OAT	3 NoSATR	VFD_Chill	4.85457E-05	0	1.89472E-10
Rt3	W09	3 OAT	3 NoSATR	VFD_Chill	4.94333E-05	0	1.89472E-10
Rt3	W10	3 OAT	3 NoSATR	VFD_Chill	3.85088E-05	0	0
Rt3	W11	3 OAT	3 NoSATR	VFD_Chill	3.17664E-05	0	0
Rt3	W12	3 OAT	3 NoSATR	VFD_Chill	3.9294E-05	0	-1.89472E-10
Rt3	W13	3 OAT	3 NoSATR	VFD_Chill	3.50608E-05	0	0
Rt3	W14	3 OAT	3 NoSATR	VFD_Chill	2.82671E-05	0	0
Rt3	W15	3 OAT	3 NoSATR	VFD_Chill	3.24833E-05	0	0
Rt3	W16	3 OAT	3 NoSATR	VFD_Chill	3.21248E-05	0	-1.89472E-10
Rt3	W01	3 OAT	3 OATSATR	VFD_Chill	2.4307E-05	0	6.06992E-09
Rt3	W02	3 OAT	3 OATSATR	VFD_Chill	2.59457E-05	0	0
Rt3	W03	3 OAT	3 OATSATR	VFD_Chill	3.68701E-05	0	2.46654E-09
Rt3	W04	3 OAT	3 OATSATR	VFD_Chill	4.2486E-05	0	0
Rt3	W05	3 OAT	3 OATSATR	VFD_Chill	3.52485E-05	0	2.27537E-09
Rt3	W06	3 OAT	3 OATSATR	VFD_Chill	4.49611E-05	0	7.5874E-09
Rt3	W07	3 OAT	3 OATSATR	VFD_Chill	5.10208E-05	0	3.79284E-09
Rt3	W08	3 OAT	3 OATSATR	VFD_Chill	4.08303E-05	0	0
Rt3	W09	3 OAT	3 OATSATR	VFD_Chill	3.93452E-05	0	3.78943E-10
Rt3	W10	3 OAT	3 OATSATR	VFD_Chill	3.08275E-05	0	0
Rt3	W11	3 OAT	3 OATSATR	VFD_Chill	2.46825E-05	0	0
Rt3	W12	3 OAT	3 OATSATR	VFD_Chill	3.02813E-05	0	-1.89472E-10
Rt3	W13	3 OAT	3 OATSATR	VFD_Chill	2.66284E-05	0	0
Rt3	W14	3 OAT	3 OATSATR	VFD_Chill	2.17807E-05	0	0
Rt3	W15	3 OAT	3 OATSATR	VFD_Chill	2.65943E-05	0	0
Rt3	W16	3 OAT	3 OATSATR	VFD_Chill	2.60481E-05	0	0
Rt3	W01	3 OAT	3 DmdSATR	VFD_Chill	2.51605E-05	0	7.01727E-09
Rt3	W02	3 OAT	3 DmdSATR	VFD_Chill	2.66455E-05	0	0
Rt3	W03	3 OAT	3 DmdSATR	VFD_Chill	3.66653E-05	0	2.46484E-09
Rt3	W04	3 OAT	3 DmdSATR	VFD_Chill	4.08132E-05	0	0
Rt3	W05	3 OAT	3 DmdSATR	VFD_Chill	3.49071E-05	0	2.46484E-09
Rt3	W06	3 OAT	3 DmdSATR	VFD_Chill	4.36126E-05	0	7.39792E-09
Rt3	W07	3 OAT	3 DmdSATR	VFD_Chill	4.88529E-05	0	3.79455E-09
Rt3	W08	3 OAT	3 DmdSATR	VFD_Chill	3.92599E-05	0	0
Rt3	W09	3 OAT	3 DmdSATR	VFD_Chill	3.84917E-05	0	1.89472E-10
Rt3	W10	3 OAT	3 DmdSATR	VFD_Chill	2.97351E-05	0	-1.89472E-10
Rt3	W11	3 OAT	3 DmdSATR	VFD_Chill	2.41021E-05	0	0
Rt3	W12	3 OAT	3 DmdSATR	VFD_Chill	3.02472E-05	0	0
Rt3	W13	3 OAT	3 DmdSATR	VFD_Chill	2.72088E-05	0	0
Rt3	W14	3 OAT	3 DmdSATR	VFD_Chill	2.20538E-05	0	0
Rt3	W15	3 OAT	3 DmdSATR	VFD_Chill	2.54677E-05	0	0
Rt3	W16	3 OAT	3 DmdSATR	VFD_Chill	2.7004E-05	0	0
Rt3	W01	3 OAT	9 NoSATR	VFD_Chill	9.59989E-05	0	2.06729E-08
Rt3	W02	3 OAT	9 NoSATR	VFD_Chill	9.30117E-05	0	-1.89472E-10
Rt3	W03	3 OAT	9 NoSATR	VFD_Chill	0.000126758	0	7.20675E-09
Rt3	W04	3 OAT	9 NoSATR	VFD_Chill	0.000136932	0	-1.89472E-10
Rt3	W05	3 OAT	9 NoSATR	VFD_Chill	0.000120613	0	6.8278E-09
Rt3	W06	3 OAT	9 NoSATR	VFD_Chill	0.000143742	0	2.06729E-08
Rt3	W07	3 OAT	9 NoSATR	VFD_Chill	0.00015721	0	1.08101E-08
Rt3	W08	3 OAT	9 NoSATR	VFD_Chill	0.00012867	0	1.89472E-10
Rt3	W09	3 OAT	9 NoSATR	VFD_Chill	0.000130667	0	5.68415E-10
Rt3	W10	3 OAT	9 NoSATR	VFD_Chill	0.000102229	0	0
Rt3	W11	3 OAT	9 NoSATR	VFD_Chill	8.29066E-05	0	0
Rt3	W12	3 OAT	9 NoSATR	VFD_Chill	0.00010269	0	-1.89472E-10
Rt3	W13	3 OAT	9 NoSATR	VFD_Chill	9.21412E-05	0	0
Rt3	W14	3 OAT	9 NoSATR	VFD_Chill	7.36379E-05	0	0
Rt3	W15	3 OAT	9 NoSATR	VFD_Chill	8.60303E-05	0	0
Rt3	W16	3 OAT	9 NoSATR	VFD_Chill	8.28212E-05	0	-1.89472E-10
Rt3	W01	3 OAT	9 OATSATR	VFD_Chill	6.20647E-05	0	1.61204E-08
Rt3	W02	3 OAT	9 OATSATR	VFD_Chill	6.9507E-05	0	0
Rt3	W03	3 OAT	9 OATSATR	VFD_Chill	9.6767E-05	0	7.01727E-09
Rt3	W04	3 OAT	9 OATSATR	VFD_Chill	0.000110423	0	-1.89472E-10
Rt3	W05	3 OAT	9 OATSATR	VFD_Chill	9.33531E-05	0	6.8278E-09
Rt3	W06	3 OAT	9 OATSATR	VFD_Chill	0.000118735	0	2.08641E-08
Rt3	W07	3 OAT	9 OATSATR	VFD_Chill	0.000136249	0	1.08101E-08
Rt3	W08	3 OAT	9 OATSATR	VFD_Chill	0.000109142	0	1.89472E-10
Rt3	W09	3 OAT	9 OATSATR	VFD_Chill	0.000106326	0	7.57886E-10
Rt3	W10	3 OAT	9 OATSATR	VFD_Chill	8.24286E-05	0	0
Rt3	W11	3 OAT	9 OATSATR	VFD_Chill	6.46934E-05	0	0
Rt3	W12	3 OAT	9 OATSATR	VFD_Chill	7.94415E-05	0	-1.89472E-10
Rt3	W13	3 OAT	9 OATSATR	VFD_Chill	7.23235E-05	0	0
Rt3	W14	3 OAT	9 OATSATR	VFD_Chill	5.82582E-05	0	0
Rt3	W15	3 OAT	9 OATSATR	VFD_Chill	7.18968E-05	0	0
Rt3	W16	3 OAT	9 OATSATR	VFD_Chill	6.74758E-05	0	-1.89472E-10
Rt3	W01	3 OAT	9 DmdSATR	VFD_Chill	6.53079E-05	0	1.87765E-08
Rt3	W02	3 OAT	9 DmdSATR	VFD_Chill	6.98996E-05	0	0
Rt3	W03	3 OAT	9 DmdSATR	VFD_Chill	9.41554E-05	0	7.20675E-09
Rt3	W04	3 OAT	9 DmdSATR	VFD_Chill	0.000107128	0	-1.89472E-10
Rt3	W05	3 OAT	9 DmdSATR	VFD_Chill	9.18339E-05	0	6.8278E-09



## CHWST Reset db

Rt3	W06	3 OAT	9 DmdSATR	VFD_Chill	0.000115851	0	2.06729E-08
Rt3	W07	3 OAT	9 DmdSATR	VFD_Chill	0.00013007	0	1.10013E-08
Rt3	W08	3 OAT	9 DmdSATR	VFD_Chill	0.000105199	0	1.91178E-10
Rt3	W09	3 OAT	9 DmdSATR	VFD_Chill	0.000102963	0	5.68415E-10
Rt3	W10	3 OAT	9 DmdSATR	VFD_Chill	7.98341E-05	0	-1.89472E-10
Rt3	W11	3 OAT	9 DmdSATR	VFD_Chill	6.33961E-05	0	0
Rt3	W12	3 OAT	9 DmdSATR	VFD_Chill	7.99194E-05	0	0
Rt3	W13	3 OAT	9 DmdSATR	VFD_Chill	7.08726E-05	0	0
Rt3	W14	3 OAT	9 DmdSATR	VFD_Chill	5.68073E-05	0	0
Rt3	W15	3 OAT	9 DmdSATR	VFD_Chill	6.84487E-05	0	0
Rt3	W16	3 OAT	9 DmdSATR	VFD_Chill	6.84829E-05	0	0
Rt3	W01	3 OAT	3 NoSATR	No_VFD_Chill	1.11293E-05	0	2.27537E-09
Rt3	W02	3 OAT	3 NoSATR	No_VFD_Chill	1.08221E-05	0	0
Rt3	W03	3 OAT	3 NoSATR	No_VFD_Chill	1.50382E-05	0	7.59593E-10
Rt3	W04	3 OAT	3 NoSATR	No_VFD_Chill	1.56869E-05	0	-1.89472E-10
Rt3	W05	3 OAT	3 NoSATR	No_VFD_Chill	1.32971E-05	0	7.57886E-10
Rt3	W06	3 OAT	3 NoSATR	No_VFD_Chill	1.57381E-05	0	2.08589E-09
Rt3	W07	3 OAT	3 NoSATR	No_VFD_Chill	1.70354E-05	0	1.3263E-09
Rt3	W08	3 OAT	3 NoSATR	No_VFD_Chill	1.39629E-05	0	0
Rt3	W09	3 OAT	3 NoSATR	No_VFD_Chill	1.42872E-05	0	0
Rt3	W10	3 OAT	3 NoSATR	No_VFD_Chill	1.09416E-05	0	0
Rt3	W11	3 OAT	3 NoSATR	No_VFD_Chill	9.57599E-06	0	0
Rt3	W12	3 OAT	3 NoSATR	No_VFD_Chill	1.1795E-05	0	0
Rt3	W13	3 OAT	3 NoSATR	No_VFD_Chill	1.01564E-05	0	0
Rt3	W14	3 OAT	3 NoSATR	No_VFD_Chill	8.51768E-06	0	0
Rt3	W15	3 OAT	3 NoSATR	No_VFD_Chill	9.30288E-06	0	0
Rt3	W16	3 OAT	3 NoSATR	No_VFD_Chill	9.98566E-06	0	0
Rt3	W01	3 OAT	3 OATSATR	No_VFD_Chill	7.80076E-06	0	1.70695E-09
Rt3	W02	3 OAT	3 OATSATR	No_VFD_Chill	7.56179E-06	0	0
Rt3	W03	3 OAT	3 OATSATR	No_VFD_Chill	1.10098E-05	0	7.59593E-10
Rt3	W04	3 OAT	3 OATSATR	No_VFD_Chill	1.35361E-05	0	0
Rt3	W05	3 OAT	3 OATSATR	No_VFD_Chill	1.04465E-05	0	7.57886E-10
Rt3	W06	3 OAT	3 OATSATR	No_VFD_Chill	1.33484E-05	0	2.08589E-09
Rt3	W07	3 OAT	3 OATSATR	No_VFD_Chill	1.49187E-05	0	1.3263E-09
Rt3	W08	3 OAT	3 OATSATR	No_VFD_Chill	1.21023E-05	0	0
Rt3	W09	3 OAT	3 OATSATR	No_VFD_Chill	1.10098E-05	0	0
Rt3	W10	3 OAT	3 OATSATR	No_VFD_Chill	9.08098E-06	0	0
Rt3	W11	3 OAT	3 OATSATR	No_VFD_Chill	7.63007E-06	0	0
Rt3	W12	3 OAT	3 OATSATR	No_VFD_Chill	9.11512E-06	0	-1.89472E-10
Rt3	W13	3 OAT	3 OATSATR	No_VFD_Chill	7.74956E-06	0	0
Rt3	W14	3 OAT	3 OATSATR	No_VFD_Chill	6.4352E-06	0	0
Rt3	W15	3 OAT	3 OATSATR	No_VFD_Chill	7.59593E-06	0	0
Rt3	W16	3 OAT	3 OATSATR	No_VFD_Chill	8.36406E-06	0	0
Rt3	W01	3 OAT	3 DmdSATR	No_VFD_Chill	7.59593E-06	0	2.27537E-09
Rt3	W02	3 OAT	3 DmdSATR	No_VFD_Chill	8.19336E-06	0	0
Rt3	W03	3 OAT	3 DmdSATR	No_VFD_Chill	1.15219E-05	0	9.47358E-10
Rt3	W04	3 OAT	3 DmdSATR	No_VFD_Chill	1.25461E-05	0	0
Rt3	W05	3 OAT	3 DmdSATR	No_VFD_Chill	1.06172E-05	0	7.57886E-10
Rt3	W06	3 OAT	3 DmdSATR	No_VFD_Chill	1.28192E-05	0	2.27537E-09
Rt3	W07	3 OAT	3 DmdSATR	No_VFD_Chill	1.45774E-05	0	1.13854E-09
Rt3	W08	3 OAT	3 DmdSATR	No_VFD_Chill	1.14707E-05	0	0
Rt3	W09	3 OAT	3 DmdSATR	No_VFD_Chill	1.11976E-05	0	0
Rt3	W10	3 OAT	3 DmdSATR	No_VFD_Chill	8.63717E-06	0	0
Rt3	W11	3 OAT	3 DmdSATR	No_VFD_Chill	7.47644E-06	0	0
Rt3	W12	3 OAT	3 DmdSATR	No_VFD_Chill	9.42237E-06	0	0
Rt3	W13	3 OAT	3 DmdSATR	No_VFD_Chill	8.72252E-06	0	0
Rt3	W14	3 OAT	3 DmdSATR	No_VFD_Chill	7.35696E-06	0	0
Rt3	W15	3 OAT	3 DmdSATR	No_VFD_Chill	7.3911E-06	0	0
Rt3	W16	3 OAT	3 DmdSATR	No_VFD_Chill	9.09805E-06	0	0
Rt3	W01	3 OAT	9 NoSATR	No_VFD_Chill	2.8745E-05	0	5.87874E-09
Rt3	W02	3 OAT	9 NoSATR	No_VFD_Chill	2.78062E-05	0	0
Rt3	W03	3 OAT	9 NoSATR	No_VFD_Chill	3.74164E-05	0	2.27707E-09
Rt3	W04	3 OAT	9 NoSATR	No_VFD_Chill	4.12399E-05	0	-3.78943E-10
Rt3	W05	3 OAT	9 NoSATR	No_VFD_Chill	3.50608E-05	0	2.08589E-09
Rt3	W06	3 OAT	9 NoSATR	No_VFD_Chill	4.15472E-05	0	6.06992E-09
Rt3	W07	3 OAT	9 NoSATR	No_VFD_Chill	4.51659E-05	0	3.79284E-09
Rt3	W08	3 OAT	9 NoSATR	No_VFD_Chill	3.68019E-05	0	-1.89472E-10
Rt3	W09	3 OAT	9 NoSATR	No_VFD_Chill	3.75871E-05	0	0
Rt3	W10	3 OAT	9 NoSATR	No_VFD_Chill	2.93937E-05	0	0
Rt3	W11	3 OAT	9 NoSATR	No_VFD_Chill	2.5041E-05	0	0
Rt3	W12	3 OAT	9 NoSATR	No_VFD_Chill	3.08275E-05	0	-1.89472E-10
Rt3	W13	3 OAT	9 NoSATR	No_VFD_Chill	2.67991E-05	0	0
Rt3	W14	3 OAT	9 NoSATR	No_VFD_Chill	2.21221E-05	0	0
Rt3	W15	3 OAT	9 NoSATR	No_VFD_Chill	2.41192E-05	0	0
Rt3	W16	3 OAT	9 NoSATR	No_VFD_Chill	2.59699E-05	0	-1.89472E-10
Rt3	W01	3 OAT	9 OATSATR	No_VFD_Chill	1.98177E-05	0	4.74191E-09
Rt3	W02	3 OAT	9 OATSATR	No_VFD_Chill	2.13027E-05	0	-1.89472E-10
Rt3	W03	3 OAT	9 OATSATR	No_VFD_Chill	2.93596E-05	0	2.27537E-09
Rt3	W04	3 OAT	9 OATSATR	No_VFD_Chill	3.39171E-05	0	-1.89472E-10
Rt3	W05	3 OAT	9 OATSATR	No_VFD_Chill	2.82842E-05	0	2.08589E-09
Rt3	W06	3 OAT	9 OATSATR	No_VFD_Chill	3.48389E-05	0	5.87874E-09
Rt3	W07	3 OAT	9 OATSATR	No_VFD_Chill	4.00109E-05	0	3.60337E-09
Rt3	W08	3 OAT	9 OATSATR	No_VFD_Chill	3.24321E-05	0	-1.89472E-10
Rt3	W09	3 OAT	9 OATSATR	No_VFD_Chill	3.05203E-05	0	1.89472E-10
Rt3	W10	3 OAT	9 OATSATR	No_VFD_Chill	2.44435E-05	0	0
Rt3	W11	3 OAT	9 OATSATR	No_VFD_Chill	1.97494E-05	0	0
Rt3	W12	3 OAT	9 OATSATR	No_VFD_Chill	2.35559E-05	0	-1.89472E-10
Rt3	W13	3 OAT	9 OATSATR	No_VFD_Chill	2.24805E-05	0	0
Rt3	W14	3 OAT	9 OATSATR	No_VFD_Chill	1.79571E-05	0	0
Rt3	W15	3 OAT	9 OATSATR	No_VFD_Chill	2.07053E-05	0	0
Rt3	W16	3 OAT	9 OATSATR	No_VFD_Chill	2.19514E-05	0	-1.89472E-10
Rt3	W01	3 OAT	9 DmdSATR	No_VFD_Chill	2.05346E-05	0	5.68927E-09
Rt3	W02	3 OAT	9 DmdSATR	No_VFD_Chill	2.17295E-05	0	0
Rt3	W03	3 OAT	9 DmdSATR	No_VFD_Chill	2.86256E-05	0	2.46484E-09
Rt3	W04	3 OAT	9 DmdSATR	No_VFD_Chill	3.2415E-05	0	-1.89472E-10
Rt3	W05	3 OAT	9 DmdSATR	No_VFD_Chill	2.81305E-05	0	2.27537E-09
Rt3	W06	3 OAT	9 DmdSATR	No_VFD_Chill	3.42073E-05	0	6.06992E-09
Rt3	W07	3 OAT	9 DmdSATR	No_VFD_Chill	3.86112E-05	0	3.60337E-09

## CHWST Reset db

Rt3	W08	3 OAT	9 DmdSATR	No_VFD_Chill	3.0947E-05	0	0
Rt3	W09	3 OAT	9 DmdSATR	No_VFD_Chill	2.99228E-05	0	1.89472E-10
Rt3	W10	3 OAT	9 DmdSATR	No_VFD_Chill	2.35218E-05	0	0
Rt3	W11	3 OAT	9 DmdSATR	No_VFD_Chill	1.98348E-05	0	0
Rt3	W12	3 OAT	9 DmdSATR	No_VFD_Chill	2.53141E-05	0	-1.89472E-10
Rt3	W13	3 OAT	9 DmdSATR	No_VFD_Chill	2.20538E-05	0	0
Rt3	W14	3 OAT	9 DmdSATR	No_VFD_Chill	1.83327E-05	0	0
Rt3	W15	3 OAT	9 DmdSATR	No_VFD_Chill	1.95787E-05	0	0
Rt3	W16	3 OAT	9 DmdSATR	No_VFD_Chill	2.25659E-05	0	0
Rt3	W01	5 OAT	3 NoSATR	VFD_Chill	3.50437E-05	0	7.20845E-09
Rt3	W02	5 OAT	3 NoSATR	VFD_Chill	3.38659E-05	0	0
Rt3	W03	5 OAT	3 NoSATR	VFD_Chill	4.60706E-05	0	2.08589E-09
Rt3	W04	5 OAT	3 NoSATR	VFD_Chill	4.8631E-05	0	-1.91178E-10
Rt3	W05	5 OAT	3 NoSATR	VFD_Chill	4.42271E-05	0	2.27707E-09
Rt3	W06	5 OAT	3 NoSATR	VFD_Chill	5.15841E-05	0	7.01727E-09
Rt3	W07	5 OAT	3 NoSATR	VFD_Chill	5.61587E-05	0	3.4139E-09
Rt3	W08	5 OAT	3 NoSATR	VFD_Chill	4.69241E-05	0	0
Rt3	W09	5 OAT	3 NoSATR	VFD_Chill	4.70094E-05	0	1.91178E-10
Rt3	W10	5 OAT	3 NoSATR	VFD_Chill	3.71091E-05	0	0
Rt3	W11	5 OAT	3 NoSATR	VFD_Chill	3.00423E-05	0	0
Rt3	W12	5 OAT	3 NoSATR	VFD_Chill	3.68531E-05	0	0
Rt3	W13	5 OAT	3 NoSATR	VFD_Chill	3.32173E-05	0	0
Rt3	W14	5 OAT	3 NoSATR	VFD_Chill	2.65431E-05	0	0
Rt3	W15	5 OAT	3 NoSATR	VFD_Chill	3.13567E-05	0	0
Rt3	W16	5 OAT	3 NoSATR	VFD_Chill	3.04008E-05	0	0
Rt3	W01	5 OAT	3 OATSATR	VFD_Chill	2.27024E-05	0	5.68927E-09
Rt3	W02	5 OAT	3 OATSATR	VFD_Chill	2.54165E-05	0	0
Rt3	W03	5 OAT	3 OATSATR	VFD_Chill	3.53168E-05	0	2.27537E-09
Rt3	W04	5 OAT	3 OATSATR	VFD_Chill	3.92257E-05	0	0
Rt3	W05	5 OAT	3 OATSATR	VFD_Chill	3.41732E-05	0	2.27707E-09
Rt3	W06	5 OAT	3 OATSATR	VFD_Chill	4.2725E-05	0	7.20675E-09
Rt3	W07	5 OAT	3 OATSATR	VFD_Chill	4.84091E-05	0	3.60337E-09
Rt3	W08	5 OAT	3 OATSATR	VFD_Chill	3.89697E-05	0	0
Rt3	W09	5 OAT	3 OATSATR	VFD_Chill	3.86454E-05	0	1.89472E-10
Rt3	W10	5 OAT	3 OATSATR	VFD_Chill	2.95473E-05	0	0
Rt3	W11	5 OAT	3 OATSATR	VFD_Chill	2.31804E-05	0	0
Rt3	W12	5 OAT	3 OATSATR	VFD_Chill	2.85744E-05	0	-1.89472E-10
Rt3	W13	5 OAT	3 OATSATR	VFD_Chill	2.51946E-05	0	0
Rt3	W14	5 OAT	3 OATSATR	VFD_Chill	2.07907E-05	0	0
Rt3	W15	5 OAT	3 OATSATR	VFD_Chill	2.57067E-05	0	0
Rt3	W16	5 OAT	3 OATSATR	VFD_Chill	2.45801E-05	0	-1.89472E-10
Rt3	W01	5 OAT	3 DmdSATR	VFD_Chill	2.39314E-05	0	6.8278E-09
Rt3	W02	5 OAT	3 DmdSATR	VFD_Chill	2.51946E-05	0	0
Rt3	W03	5 OAT	3 DmdSATR	VFD_Chill	3.39171E-05	0	2.27537E-09
Rt3	W04	5 OAT	3 DmdSATR	VFD_Chill	3.82869E-05	0	0
Rt3	W05	5 OAT	3 DmdSATR	VFD_Chill	3.29783E-05	0	2.27537E-09
Rt3	W06	5 OAT	3 DmdSATR	VFD_Chill	4.09327E-05	0	7.20675E-09
Rt3	W07	5 OAT	3 DmdSATR	VFD_Chill	4.55927E-05	0	3.4139E-09
Rt3	W08	5 OAT	3 DmdSATR	VFD_Chill	3.79114E-05	0	0
Rt3	W09	5 OAT	3 DmdSATR	VFD_Chill	3.64946E-05	0	1.89472E-10
Rt3	W10	5 OAT	3 DmdSATR	VFD_Chill	2.85061E-05	0	0
Rt3	W11	5 OAT	3 DmdSATR	VFD_Chill	2.25147E-05	0	0
Rt3	W12	5 OAT	3 DmdSATR	VFD_Chill	2.81135E-05	0	0
Rt3	W13	5 OAT	3 DmdSATR	VFD_Chill	2.51605E-05	0	0
Rt3	W14	5 OAT	3 DmdSATR	VFD_Chill	2.02786E-05	0	0
Rt3	W15	5 OAT	3 DmdSATR	VFD_Chill	2.43582E-05	0	0
Rt3	W16	5 OAT	3 DmdSATR	VFD_Chill	2.43411E-05	0	0
Rt3	W01	5 OAT	9 NoSATR	VFD_Chill	8.82152E-05	0	1.91571E-08
Rt3	W02	5 OAT	9 NoSATR	VFD_Chill	8.69862E-05	0	0
Rt3	W03	5 OAT	9 NoSATR	VFD_Chill	0.000118582	0	6.25939E-09
Rt3	W04	5 OAT	9 NoSATR	VFD_Chill	0.000126826	0	-1.91178E-10
Rt3	W05	5 OAT	9 NoSATR	VFD_Chill	0.000114656	0	6.44886E-09
Rt3	W06	5 OAT	9 NoSATR	VFD_Chill	0.000134627	0	1.93449E-08
Rt3	W07	5 OAT	9 NoSATR	VFD_Chill	0.000147446	0	9.86276E-09
Rt3	W08	5 OAT	9 NoSATR	VFD_Chill	0.000123225	0	1.89472E-10
Rt3	W09	5 OAT	9 NoSATR	VFD_Chill	0.000123532	0	5.70122E-10
Rt3	W10	5 OAT	9 NoSATR	VFD_Chill	9.72279E-05	0	0
Rt3	W11	5 OAT	9 NoSATR	VFD_Chill	7.77175E-05	0	0
Rt3	W12	5 OAT	9 NoSATR	VFD_Chill	9.56404E-05	0	-1.89472E-10
Rt3	W13	5 OAT	9 NoSATR	VFD_Chill	8.65595E-05	0	0
Rt3	W14	5 OAT	9 NoSATR	VFD_Chill	6.86706E-05	0	0
Rt3	W15	5 OAT	9 NoSATR	VFD_Chill	8.3009E-05	0	0
Rt3	W16	5 OAT	9 NoSATR	VFD_Chill	7.7837E-05	0	0
Rt3	W01	5 OAT	9 OATSATR	VFD_Chill	5.79168E-05	0	1.47924E-08
Rt3	W02	5 OAT	9 OATSATR	VFD_Chill	6.64516E-05	0	0
Rt3	W03	5 OAT	9 OATSATR	VFD_Chill	9.13219E-05	0	6.44886E-09
Rt3	W04	5 OAT	9 OATSATR	VFD_Chill	0.000103356	0	-1.91178E-10
Rt3	W05	5 OAT	9 OATSATR	VFD_Chill	8.88639E-05	0	6.44886E-09
Rt3	W06	5 OAT	9 OATSATR	VFD_Chill	0.000112198	0	1.97238E-08
Rt3	W07	5 OAT	9 OATSATR	VFD_Chill	0.000128243	0	1.00522E-08
Rt3	W08	5 OAT	9 OATSATR	VFD_Chill	0.000104192	0	0
Rt3	W09	5 OAT	9 OATSATR	VFD_Chill	0.000102212	0	5.68415E-10
Rt3	W10	5 OAT	9 OATSATR	VFD_Chill	7.88782E-05	0	0
Rt3	W11	5 OAT	9 OATSATR	VFD_Chill	6.09211E-05	0	0
Rt3	W12	5 OAT	9 OATSATR	VFD_Chill	7.50888E-05	0	-1.89472E-10
Rt3	W13	5 OAT	9 OATSATR	VFD_Chill	6.71685E-05	0	-1.89472E-10
Rt3	W14	5 OAT	9 OATSATR	VFD_Chill	5.46736E-05	0	0
Rt3	W15	5 OAT	9 OATSATR	VFD_Chill	6.91998E-05	0	0
Rt3	W16	5 OAT	9 OATSATR	VFD_Chill	6.24403E-05	0	-1.89472E-10
Rt3	W01	5 OAT	9 DmdSATR	VFD_Chill	6.00335E-05	0	1.78274E-08
Rt3	W02	5 OAT	9 DmdSATR	VFD_Chill	6.50178E-05	0	0
Rt3	W03	5 OAT	9 DmdSATR	VFD_Chill	8.80445E-05	0	6.63833E-09
Rt3	W04	5 OAT	9 DmdSATR	VFD_Chill	0.000100403	0	-1.89472E-10
Rt3	W05	5 OAT	9 DmdSATR	VFD_Chill	8.60132E-05	0	6.63833E-09
Rt3	W06	5 OAT	9 DmdSATR	VFD_Chill	0.000107777	0	1.97238E-08
Rt3	W07	5 OAT	9 DmdSATR	VFD_Chill	0.000120835	0	1.00505E-08
Rt3	W08	5 OAT	9 DmdSATR	VFD_Chill	0.000100539	0	1.89472E-10
Rt3	W09	5 OAT	9 DmdSATR	VFD_Chill	9.73645E-05	0	7.59593E-10

## CHWST Reset db

Rt3	W10	5 OAT	9 DmdSATR	VFD_Chill	7.57886E-05	0	0
Rt3	W11	5 OAT	9 DmdSATR	VFD_Chill	5.86338E-05	0	0
Rt3	W12	5 OAT	9 DmdSATR	VFD_Chill	7.30063E-05	0	0
Rt3	W13	5 OAT	9 DmdSATR	VFD_Chill	6.6298E-05	0	0
Rt3	W14	5 OAT	9 DmdSATR	VFD_Chill	5.2318E-05	0	0
Rt3	W15	5 OAT	9 DmdSATR	VFD_Chill	6.56323E-05	0	0
Rt3	W16	5 OAT	9 DmdSATR	VFD_Chill	6.24061E-05	0	0
Rt3	W01	5 OAT	3 NoSATR	No_VFD_Chill	1.06684E-05	0	1.89642E-09
Rt3	W02	5 OAT	3 NoSATR	No_VFD_Chill	1.02417E-05	0	0
Rt3	W03	5 OAT	3 NoSATR	No_VFD_Chill	1.32459E-05	0	5.68415E-10
Rt3	W04	5 OAT	3 NoSATR	No_VFD_Chill	1.38946E-05	0	0
Rt3	W05	5 OAT	3 NoSATR	No_VFD_Chill	1.26314E-05	0	5.68415E-10
Rt3	W06	5 OAT	3 NoSATR	No_VFD_Chill	1.43384E-05	0	1.70695E-09
Rt3	W07	5 OAT	3 NoSATR	No_VFD_Chill	1.53967E-05	0	9.49065E-10
Rt3	W08	5 OAT	3 NoSATR	No_VFD_Chill	1.31094E-05	0	0
Rt3	W09	5 OAT	3 NoSATR	No_VFD_Chill	1.31265E-05	0	1.89472E-10
Rt3	W10	5 OAT	3 NoSATR	No_VFD_Chill	1.04124E-05	0	0
Rt3	W11	5 OAT	3 NoSATR	No_VFD_Chill	9.06391E-06	0	0
Rt3	W12	5 OAT	3 NoSATR	No_VFD_Chill	1.0805E-05	0	0
Rt3	W13	5 OAT	3 NoSATR	No_VFD_Chill	9.55892E-06	0	0
Rt3	W14	5 OAT	3 NoSATR	No_VFD_Chill	7.93732E-06	0	0
Rt3	W15	5 OAT	3 NoSATR	No_VFD_Chill	8.89321E-06	0	0
Rt3	W16	5 OAT	3 NoSATR	No_VFD_Chill	9.59306E-06	0	0
Rt3	W01	5 OAT	3 OATSATR	No_VFD_Chill	7.33989E-06	0	1.51577E-09
Rt3	W02	5 OAT	3 OATSATR	No_VFD_Chill	7.90318E-06	0	0
Rt3	W03	5 OAT	3 OATSATR	No_VFD_Chill	1.07026E-05	0	5.68415E-10
Rt3	W04	5 OAT	3 OATSATR	No_VFD_Chill	1.14536E-05	0	0
Rt3	W05	5 OAT	3 OATSATR	No_VFD_Chill	1.031E-05	0	5.70122E-10
Rt3	W06	5 OAT	3 OATSATR	No_VFD_Chill	1.24095E-05	0	1.89642E-09
Rt3	W07	5 OAT	3 OATSATR	No_VFD_Chill	1.36727E-05	0	9.49065E-10
Rt3	W08	5 OAT	3 OATSATR	No_VFD_Chill	1.08391E-05	0	0
Rt3	W09	5 OAT	3 OATSATR	No_VFD_Chill	1.12147E-05	0	1.89472E-10
Rt3	W10	5 OAT	3 OATSATR	No_VFD_Chill	8.3982E-06	0	0
Rt3	W11	5 OAT	3 OATSATR	No_VFD_Chill	6.96436E-06	0	0
Rt3	W12	5 OAT	3 OATSATR	No_VFD_Chill	8.36406E-06	0	-1.89472E-10
Rt3	W13	5 OAT	3 OATSATR	No_VFD_Chill	7.20333E-06	0	0
Rt3	W14	5 OAT	3 OATSATR	No_VFD_Chill	6.26451E-06	0	0
Rt3	W15	5 OAT	3 OATSATR	No_VFD_Chill	7.23747E-06	0	0
Rt3	W16	5 OAT	3 OATSATR	No_VFD_Chill	8.02267E-06	0	0
Rt3	W01	5 OAT	3 DmdSATR	No_VFD_Chill	8.09095E-06	0	1.89642E-09
Rt3	W02	5 OAT	3 DmdSATR	No_VFD_Chill	7.90318E-06	0	0
Rt3	W03	5 OAT	3 DmdSATR	No_VFD_Chill	1.02417E-05	0	7.57886E-10
Rt3	W04	5 OAT	3 DmdSATR	No_VFD_Chill	1.14366E-05	0	0
Rt3	W05	5 OAT	3 DmdSATR	No_VFD_Chill	9.91738E-06	0	7.57886E-10
Rt3	W06	5 OAT	3 DmdSATR	No_VFD_Chill	1.17609E-05	0	1.89642E-09
Rt3	W07	5 OAT	3 DmdSATR	No_VFD_Chill	1.29558E-05	0	9.47358E-10
Rt3	W08	5 OAT	3 DmdSATR	No_VFD_Chill	1.09245E-05	0	0
Rt3	W09	5 OAT	3 DmdSATR	No_VFD_Chill	1.02588E-05	0	0
Rt3	W10	5 OAT	3 DmdSATR	No_VFD_Chill	8.24457E-06	0	0
Rt3	W11	5 OAT	3 DmdSATR	No_VFD_Chill	6.96436E-06	0	0
Rt3	W12	5 OAT	3 DmdSATR	No_VFD_Chill	8.51768E-06	0	0
Rt3	W13	5 OAT	3 DmdSATR	No_VFD_Chill	7.613E-06	0	0
Rt3	W14	5 OAT	3 DmdSATR	No_VFD_Chill	6.50348E-06	0	0
Rt3	W15	5 OAT	3 DmdSATR	No_VFD_Chill	6.89608E-06	0	0
Rt3	W16	5 OAT	3 DmdSATR	No_VFD_Chill	7.76663E-06	0	0
Rt3	W01	5 OAT	9 NoSATR	No_VFD_Chill	2.62017E-05	0	4.93138E-09
Rt3	W02	5 OAT	9 NoSATR	No_VFD_Chill	2.56896E-05	0	0
Rt3	W03	5 OAT	9 NoSATR	No_VFD_Chill	3.33367E-05	0	1.51748E-09
Rt3	W04	5 OAT	9 NoSATR	No_VFD_Chill	3.55899E-05	0	-1.91178E-10
Rt3	W05	5 OAT	9 NoSATR	No_VFD_Chill	3.2159E-05	0	1.89642E-09
Rt3	W06	5 OAT	9 NoSATR	No_VFD_Chill	3.6358E-05	0	4.74191E-09
Rt3	W07	5 OAT	9 NoSATR	No_VFD_Chill	3.91233E-05	0	2.46654E-09
Rt3	W08	5 OAT	9 NoSATR	No_VFD_Chill	3.34904E-05	0	0
Rt3	W09	5 OAT	9 NoSATR	No_VFD_Chill	3.37464E-05	0	1.89472E-10
Rt3	W10	5 OAT	9 NoSATR	No_VFD_Chill	2.66284E-05	0	0
Rt3	W11	5 OAT	9 NoSATR	No_VFD_Chill	2.30268E-05	0	0
Rt3	W12	5 OAT	9 NoSATR	No_VFD_Chill	2.75843E-05	0	0
Rt3	W13	5 OAT	9 NoSATR	No_VFD_Chill	2.44606E-05	0	0
Rt3	W14	5 OAT	9 NoSATR	No_VFD_Chill	2.01762E-05	0	0
Rt3	W15	5 OAT	9 NoSATR	No_VFD_Chill	2.30438E-05	0	0
Rt3	W16	5 OAT	9 NoSATR	No_VFD_Chill	2.44947E-05	0	-1.89472E-10
Rt3	W01	5 OAT	9 OATSATR	No_VFD_Chill	1.89984E-05	0	3.98232E-09
Rt3	W02	5 OAT	9 OATSATR	No_VFD_Chill	2.08589E-05	0	0
Rt3	W03	5 OAT	9 OATSATR	No_VFD_Chill	2.72771E-05	0	1.70695E-09
Rt3	W04	5 OAT	9 OATSATR	No_VFD_Chill	3.00253E-05	0	-1.91178E-10
Rt3	W05	5 OAT	9 OATSATR	No_VFD_Chill	2.63553E-05	0	1.70695E-09
Rt3	W06	5 OAT	9 OATSATR	No_VFD_Chill	3.18346E-05	0	4.92967E-09
Rt3	W07	5 OAT	9 OATSATR	No_VFD_Chill	3.57948E-05	0	2.46654E-09
Rt3	W08	5 OAT	9 OATSATR	No_VFD_Chill	2.91547E-05	0	0
Rt3	W09	5 OAT	9 OATSATR	No_VFD_Chill	2.90352E-05	0	1.89472E-10
Rt3	W10	5 OAT	9 OATSATR	No_VFD_Chill	2.24976E-05	0	0
Rt3	W11	5 OAT	9 OATSATR	No_VFD_Chill	1.83156E-05	0	0
Rt3	W12	5 OAT	9 OATSATR	No_VFD_Chill	2.1866E-05	0	-1.89472E-10
Rt3	W13	5 OAT	9 OATSATR	No_VFD_Chill	1.94763E-05	0	0
Rt3	W14	5 OAT	9 OATSATR	No_VFD_Chill	1.65574E-05	0	0
Rt3	W15	5 OAT	9 OATSATR	No_VFD_Chill	1.94763E-05	0	0
Rt3	W16	5 OAT	9 OATSATR	No_VFD_Chill	1.97665E-05	0	-1.89472E-10
Rt3	W01	5 OAT	9 DmdSATR	No_VFD_Chill	2.01762E-05	0	5.12085E-09
Rt3	W02	5 OAT	9 DmdSATR	No_VFD_Chill	2.00225E-05	0	0
Rt3	W03	5 OAT	9 DmdSATR	No_VFD_Chill	2.65089E-05	0	1.89642E-09
Rt3	W04	5 OAT	9 DmdSATR	No_VFD_Chill	2.95302E-05	0	-1.89472E-10
Rt3	W05	5 OAT	9 DmdSATR	No_VFD_Chill	2.56043E-05	0	1.89642E-09
Rt3	W06	5 OAT	9 DmdSATR	No_VFD_Chill	3.04861E-05	0	5.12085E-09
Rt3	W07	5 OAT	9 DmdSATR	No_VFD_Chill	3.37464E-05	0	2.65431E-09
Rt3	W08	5 OAT	9 DmdSATR	No_VFD_Chill	2.8489E-05	0	0
Rt3	W09	5 OAT	9 DmdSATR	No_VFD_Chill	2.72088E-05	0	1.89472E-10
Rt3	W10	5 OAT	9 DmdSATR	No_VFD_Chill	2.16953E-05	0	0
Rt3	W11	5 OAT	9 DmdSATR	No_VFD_Chill	1.78888E-05	0	0

CHWST Reset db

Rt3	W12	5 OAT	9 DmdSATR	No_VFD_Chill	2.14734E-05	0	0
Rt3	W13	5 OAT	9 DmdSATR	No_VFD_Chill	2.00055E-05	0	0
Rt3	W14	5 OAT	9 DmdSATR	No_VFD_Chill	1.62502E-05	0	0
Rt3	W15	5 OAT	9 DmdSATR	No_VFD_Chill	1.85375E-05	0	0
Rt3	W16	5 OAT	9 DmdSATR	No_VFD_Chill	1.98689E-05	0	0
Ofi	W01	75 DMND	3 NoSATR	VFD_Chill	0.000130037	0	4.63009E-08
Ofi	W02	75 DMND	3 NoSATR	VFD_Chill	0.000161367	0	5.23972E-08
Ofi	W03	75 DMND	3 NoSATR	VFD_Chill	0.000176184	0	5.10631E-08
Ofi	W04	75 DMND	3 NoSATR	VFD_Chill	0.000210978	0	6.098E-08
Ofi	W05	75 DMND	3 NoSATR	VFD_Chill	0.000175841	0	4.83965E-08
Ofi	W06	75 DMND	3 NoSATR	VFD_Chill	0.000157012	0	5.22086E-08
Ofi	W07	75 DMND	3 NoSATR	VFD_Chill	0.000189542	0	5.39234E-08
Ofi	W08	75 DMND	3 NoSATR	VFD_Chill	0.000196487	0	5.3541E-08
Ofi	W09	75 DMND	3 NoSATR	VFD_Chill	0.000204856	0	6.0397E-08
Ofi	W10	75 DMND	3 NoSATR	VFD_Chill	0.000199471	0	5.73617E-08
Ofi	W11	75 DMND	3 NoSATR	VFD_Chill	0.000172257	0	5.81162E-08
Ofi	W12	75 DMND	3 NoSATR	VFD_Chill	0.000178139	0	5.50638E-08
Ofi	W13	75 DMND	3 NoSATR	VFD_Chill	0.00020429	0	6.02084E-08
Ofi	W14	75 DMND	3 NoSATR	VFD_Chill	0.000173011	0	5.45013E-08
Ofi	W15	75 DMND	3 NoSATR	VFD_Chill	0.000248927	0	6.40325E-08
Ofi	W16	75 DMND	3 NoSATR	VFD_Chill	0.000123555	0	5.31603E-08
Ofi	W01	75 DMND	3 OATSATR	VFD_Chill	8.81261E-05	0	3.98222E-08
Ofi	W02	75 DMND	3 OATSATR	VFD_Chill	0.000135679	0	5.06824E-08
Ofi	W03	75 DMND	3 OATSATR	VFD_Chill	0.000142315	0	4.95403E-08
Ofi	W04	75 DMND	3 OATSATR	VFD_Chill	0.000184912	0	6.00214E-08
Ofi	W05	75 DMND	3 OATSATR	VFD_Chill	0.000156377	0	4.76351E-08
Ofi	W06	75 DMND	3 OATSATR	VFD_Chill	0.000163477	0	4.83965E-08
Ofi	W07	75 DMND	3 OATSATR	VFD_Chill	0.000191343	0	5.31603E-08
Ofi	W08	75 DMND	3 OATSATR	VFD_Chill	0.000193692	0	5.31603E-08
Ofi	W09	75 DMND	3 OATSATR	VFD_Chill	0.000196007	0	5.88879E-08
Ofi	W10	75 DMND	3 OATSATR	VFD_Chill	0.000189628	0	5.58303E-08
Ofi	W11	75 DMND	3 OATSATR	VFD_Chill	0.000156206	0	5.54411E-08
Ofi	W12	75 DMND	3 OATSATR	VFD_Chill	0.000154645	0	5.33507E-08
Ofi	W13	75 DMND	3 OATSATR	VFD_Chill	0.000183335	0	5.83049E-08
Ofi	W14	75 DMND	3 OATSATR	VFD_Chill	0.00015125	0	5.35376E-08
Ofi	W15	75 DMND	3 OATSATR	VFD_Chill	0.00024675	0	6.32608E-08
Ofi	W16	75 DMND	3 OATSATR	VFD_Chill	0.00010013	0	5.18262E-08
Ofi	W01	75 DMND	3 DmdSATR	VFD_Chill	5.9128E-05	0	4.00143E-08
Ofi	W02	75 DMND	3 DmdSATR	VFD_Chill	0.000121154	0	5.12551E-08
Ofi	W03	75 DMND	3 DmdSATR	VFD_Chill	0.000115872	0	4.89675E-08
Ofi	W04	75 DMND	3 DmdSATR	VFD_Chill	0.000161196	0	5.98259E-08
Ofi	W05	75 DMND	3 DmdSATR	VFD_Chill	0.00013537	0	4.7064E-08
Ofi	W06	75 DMND	3 DmdSATR	VFD_Chill	0.00014734	0	4.83965E-08
Ofi	W07	75 DMND	3 DmdSATR	VFD_Chill	0.000177401	0	5.297E-08
Ofi	W08	75 DMND	3 DmdSATR	VFD_Chill	0.00018414	0	5.33507E-08
Ofi	W09	75 DMND	3 DmdSATR	VFD_Chill	0.000183283	0	5.94538E-08
Ofi	W10	75 DMND	3 DmdSATR	VFD_Chill	0.000174795	0	5.63842E-08
Ofi	W11	75 DMND	3 DmdSATR	VFD_Chill	0.000145351	0	5.67787E-08
Ofi	W12	75 DMND	3 DmdSATR	VFD_Chill	0.000141132	0	5.41069E-08
Ofi	W13	75 DMND	3 DmdSATR	VFD_Chill	0.000171639	0	5.9248E-08
Ofi	W14	75 DMND	3 DmdSATR	VFD_Chill	0.000143173	0	5.41035E-08
Ofi	W15	75 DMND	3 DmdSATR	VFD_Chill	0.00024013	0	6.34494E-08
Ofi	W16	75 DMND	3 DmdSATR	VFD_Chill	9.26533E-05	0	5.25824E-08
Ofi	W01	75 DMND	9 NoSATR	VFD_Chill	0.000307867	0	1.10323E-07
Ofi	W02	75 DMND	9 NoSATR	VFD_Chill	0.000381228	0	1.26899E-07
Ofi	W03	75 DMND	9 NoSATR	VFD_Chill	0.00040491	0	1.24994E-07
Ofi	W04	75 DMND	9 NoSATR	VFD_Chill	0.00049043	0	1.52815E-07
Ofi	W05	75 DMND	9 NoSATR	VFD_Chill	0.000417531	0	1.14895E-07
Ofi	W06	75 DMND	9 NoSATR	VFD_Chill	0.000407602	0	1.24232E-07
Ofi	W07	75 DMND	9 NoSATR	VFD_Chill	0.000459871	0	1.31853E-07
Ofi	W08	75 DMND	9 NoSATR	VFD_Chill	0.000477122	0	1.29756E-07
Ofi	W09	75 DMND	9 NoSATR	VFD_Chill	0.000493242	0	1.48048E-07
Ofi	W10	75 DMND	9 NoSATR	VFD_Chill	0.000475322	0	1.40619E-07
Ofi	W11	75 DMND	9 NoSATR	VFD_Chill	0.00040539	0	1.44618E-07
Ofi	W12	75 DMND	9 NoSATR	VFD_Chill	0.000420018	0	1.33947E-07
Ofi	W13	75 DMND	9 NoSATR	VFD_Chill	0.000482284	0	1.45572E-07
Ofi	W14	75 DMND	9 NoSATR	VFD_Chill	0.000402492	0	1.33575E-07
Ofi	W15	75 DMND	9 NoSATR	VFD_Chill	0.000589136	0	1.58155E-07
Ofi	W16	75 DMND	9 NoSATR	VFD_Chill	0.000283053	0	1.28804E-07
Ofi	W01	75 DMND	9 OATSATR	VFD_Chill	0.000198305	0	9.0887E-08
Ofi	W02	75 DMND	9 OATSATR	VFD_Chill	0.000313029	0	1.21754E-07
Ofi	W03	75 DMND	9 OATSATR	VFD_Chill	0.000322374	0	1.19467E-07
Ofi	W04	75 DMND	9 OATSATR	VFD_Chill	0.000423208	0	1.48813E-07
Ofi	W05	75 DMND	9 OATSATR	VFD_Chill	0.000360256	0	1.11465E-07
Ofi	W06	75 DMND	9 OATSATR	VFD_Chill	0.000381674	0	1.14705E-07
Ofi	W07	75 DMND	9 OATSATR	VFD_Chill	0.000442071	0	1.28233E-07
Ofi	W08	75 DMND	9 OATSATR	VFD_Chill	0.000452549	0	1.28043E-07
Ofi	W09	75 DMND	9 OATSATR	VFD_Chill	0.000456167	0	1.43102E-07
Ofi	W10	75 DMND	9 OATSATR	VFD_Chill	0.000437321	0	1.36046E-07
Ofi	W11	75 DMND	9 OATSATR	VFD_Chill	0.000360376	0	1.36427E-07
Ofi	W12	75 DMND	9 OATSATR	VFD_Chill	0.000355968	0	1.30329E-07
Ofi	W13	75 DMND	9 OATSATR	VFD_Chill	0.00042566	0	1.43283E-07
Ofi	W14	75 DMND	9 OATSATR	VFD_Chill	0.000350995	0	1.30706E-07
Ofi	W15	75 DMND	9 OATSATR	VFD_Chill	0.000577047	0	1.55677E-07
Ofi	W16	75 DMND	9 OATSATR	VFD_Chill	0.000228984	0	1.25757E-07
Ofi	W01	75 DMND	9 DmdSATR	VFD_Chill	0.000131255	0	9.0887E-08
Ofi	W02	75 DMND	9 DmdSATR	VFD_Chill	0.000275148	0	1.23659E-07
Ofi	W03	75 DMND	9 DmdSATR	VFD_Chill	0.000261292	0	1.18705E-07
Ofi	W04	75 DMND	9 DmdSATR	VFD_Chill	0.00036943	0	1.48998E-07
Ofi	W05	75 DMND	9 DmdSATR	VFD_Chill	0.000305946	0	1.11084E-07
Ofi	W06	75 DMND	9 DmdSATR	VFD_Chill	0.000340278	0	1.14132E-07
Ofi	W07	75 DMND	9 DmdSATR	VFD_Chill	0.000408288	0	1.28233E-07
Ofi	W08	75 DMND	9 DmdSATR	VFD_Chill	0.000423945	0	1.29185E-07
Ofi	W09	75 DMND	9 DmdSATR	VFD_Chill	0.00042295	0	1.46527E-07
Ofi	W10	75 DMND	9 DmdSATR	VFD_Chill	0.000403487	0	1.37942E-07
Ofi	W11	75 DMND	9 DmdSATR	VFD_Chill	0.000334327	0	1.40614E-07
Ofi	W12	75 DMND	9 DmdSATR	VFD_Chill	0.000324175	0	1.31848E-07
Ofi	W13	75 DMND	9 DmdSATR	VFD_Chill	0.00039493	0	1.44992E-07

## CHWST Reset db

Ofi	W14	75	DMND	9	DmdSATR	VFD_Chill	0.000331463	0	1.33753E-07
Ofi	W15	75	DMND	9	DmdSATR	VFD_Chill	0.00056091	0	1.57012E-07
Ofi	W16	75	DMND	9	DmdSATR	VFD_Chill	0.000211509	0	1.28799E-07
Ofi	W01	75	DMND	3	NoSATR	No_VFD_Chill	4.45689E-05	0	1.73388E-08
Ofi	W02	75	DMND	3	NoSATR	No_VFD_Chill	5.78419E-05	0	2.02009E-08
Ofi	W03	75	DMND	3	NoSATR	No_VFD_Chill	6.26777E-05	0	1.9623E-08
Ofi	W04	75	DMND	3	NoSATR	No_VFD_Chill	7.26753E-05	0	2.28589E-08
Ofi	W05	75	DMND	3	NoSATR	No_VFD_Chill	6.43068E-05	0	1.81019E-08
Ofi	W06	75	DMND	3	NoSATR	No_VFD_Chill	5.80133E-05	0	2.03724E-08
Ofi	W07	75	DMND	3	NoSATR	No_VFD_Chill	6.64676E-05	0	2.02009E-08
Ofi	W08	75	DMND	3	NoSATR	No_VFD_Chill	6.90741E-05	0	1.94292E-08
Ofi	W09	75	DMND	3	NoSATR	No_VFD_Chill	7.37557E-05	0	2.30647E-08
Ofi	W10	75	DMND	3	NoSATR	No_VFD_Chill	7.1835E-05	0	2.21044E-08
Ofi	W11	75	DMND	3	NoSATR	No_VFD_Chill	6.05856E-05	0	2.28589E-08
Ofi	W12	75	DMND	3	NoSATR	No_VFD_Chill	6.23691E-05	0	2.11441E-08
Ofi	W13	75	DMND	3	NoSATR	No_VFD_Chill	7.2761E-05	0	2.28589E-08
Ofi	W14	75	DMND	3	NoSATR	No_VFD_Chill	6.30722E-05	0	2.11441E-08
Ofi	W15	75	DMND	3	NoSATR	No_VFD_Chill	8.68743E-05	0	2.36306E-08
Ofi	W16	75	DMND	3	NoSATR	No_VFD_Chill	4.37801E-05	0	2.03896E-08
Ofi	W01	75	DMND	3	OATSATR	No_VFD_Chill	2.85179E-05	0	1.35267E-08
Ofi	W02	75	DMND	3	OATSATR	No_VFD_Chill	4.77928E-05	0	1.92578E-08
Ofi	W03	75	DMND	3	OATSATR	No_VFD_Chill	4.53063E-05	0	1.82923E-08
Ofi	W04	75	DMND	3	OATSATR	No_VFD_Chill	6.09629E-05	0	2.17271E-08
Ofi	W05	75	DMND	3	OATSATR	No_VFD_Chill	5.08967E-05	0	1.75292E-08
Ofi	W06	75	DMND	3	OATSATR	No_VFD_Chill	5.66243E-05	0	1.77195E-08
Ofi	W07	75	DMND	3	OATSATR	No_VFD_Chill	6.30036E-05	0	1.92372E-08
Ofi	W08	75	DMND	3	OATSATR	No_VFD_Chill	6.44269E-05	0	1.92406E-08
Ofi	W09	75	DMND	3	OATSATR	No_VFD_Chill	6.62961E-05	0	2.171E-08
Ofi	W10	75	DMND	3	OATSATR	No_VFD_Chill	6.62103E-05	0	2.09555E-08
Ofi	W11	75	DMND	3	OATSATR	No_VFD_Chill	5.55097E-05	0	2.13499E-08
Ofi	W12	75	DMND	3	OATSATR	No_VFD_Chill	5.34176E-05	0	1.96179E-08
Ofi	W13	75	DMND	3	OATSATR	No_VFD_Chill	6.19575E-05	0	2.13327E-08
Ofi	W14	75	DMND	3	OATSATR	No_VFD_Chill	5.44636E-05	0	2.05782E-08
Ofi	W15	75	DMND	3	OATSATR	No_VFD_Chill	8.44735E-05	0	2.30476E-08
Ofi	W16	75	DMND	3	OATSATR	No_VFD_Chill	3.48972E-05	0	1.92406E-08
Ofi	W01	75	DMND	3	DmdSATR	No_VFD_Chill	1.8709E-05	0	1.29557E-08
Ofi	W02	75	DMND	3	DmdSATR	No_VFD_Chill	4.19624E-05	0	1.92578E-08
Ofi	W03	75	DMND	3	DmdSATR	No_VFD_Chill	3.68007E-05	0	1.79099E-08
Ofi	W04	75	DMND	3	DmdSATR	No_VFD_Chill	5.08796E-05	0	2.17271E-08
Ofi	W05	75	DMND	3	DmdSATR	No_VFD_Chill	4.42946E-05	0	1.69581E-08
Ofi	W06	75	DMND	3	DmdSATR	No_VFD_Chill	4.77585E-05	0	1.73388E-08
Ofi	W07	75	DMND	3	DmdSATR	No_VFD_Chill	5.53382E-05	0	1.9052E-08
Ofi	W08	75	DMND	3	DmdSATR	No_VFD_Chill	5.95739E-05	0	1.94464E-08
Ofi	W09	75	DMND	3	DmdSATR	No_VFD_Chill	5.93852E-05	0	2.2293E-08
Ofi	W10	75	DMND	3	DmdSATR	No_VFD_Chill	5.81162E-05	0	2.11612E-08
Ofi	W11	75	DMND	3	DmdSATR	No_VFD_Chill	5.04166E-05	0	2.21044E-08
Ofi	W12	75	DMND	3	DmdSATR	No_VFD_Chill	4.81187E-05	0	2.01838E-08
Ofi	W13	75	DMND	3	DmdSATR	No_VFD_Chill	5.73274E-05	0	2.21044E-08
Ofi	W14	75	DMND	3	DmdSATR	No_VFD_Chill	4.96449E-05	0	2.0784E-08
Ofi	W15	75	DMND	3	DmdSATR	No_VFD_Chill	8.01006E-05	0	2.32534E-08
Ofi	W16	75	DMND	3	DmdSATR	No_VFD_Chill	3.1176E-05	0	1.98065E-08
Ofi	W01	75	DMND	9	NoSATR	No_VFD_Chill	0.000105206	0	3.96319E-08
Ofi	W02	75	DMND	9	NoSATR	No_VFD_Chill	0.000135953	0	4.68668E-08
Ofi	W03	75	DMND	9	NoSATR	No_VFD_Chill	0.000138783	0	4.59185E-08
Ofi	W04	75	DMND	9	NoSATR	No_VFD_Chill	0.000166529	0	5.56297E-08
Ofi	W05	75	DMND	9	NoSATR	No_VFD_Chill	0.000148249	0	4.11564E-08
Ofi	W06	75	DMND	9	NoSATR	No_VFD_Chill	0.000146174	0	4.6102E-08
Ofi	W07	75	DMND	9	NoSATR	No_VFD_Chill	0.000158658	0	4.76385E-08
Ofi	W08	75	DMND	9	NoSATR	No_VFD_Chill	0.000162516	0	4.5723E-08
Ofi	W09	75	DMND	9	NoSATR	No_VFD_Chill	0.000173028	0	5.43093E-08
Ofi	W10	75	DMND	9	NoSATR	No_VFD_Chill	0.000166872	0	5.16513E-08
Ofi	W11	75	DMND	9	NoSATR	No_VFD_Chill	0.000140189	0	5.43093E-08
Ofi	W12	75	DMND	9	NoSATR	No_VFD_Chill	0.000145213	0	4.93534E-08
Ofi	W13	75	DMND	9	NoSATR	No_VFD_Chill	0.000168244	0	5.27659E-08
Ofi	W14	75	DMND	9	NoSATR	No_VFD_Chill	0.000142212	0	4.93534E-08
Ofi	W15	75	DMND	9	NoSATR	No_VFD_Chill	0.000200003	0	5.64014E-08
Ofi	W16	75	DMND	9	NoSATR	No_VFD_Chill	9.77121E-05	0	4.63009E-08
Ofi	W01	75	DMND	9	OATSATR	No_VFD_Chill	6.3981E-05	0	2.99138E-08
Ofi	W02	75	DMND	9	OATSATR	No_VFD_Chill	0.000108773	0	4.40202E-08
Ofi	W03	75	DMND	9	OATSATR	No_VFD_Chill	0.000101931	0	4.26809E-08
Ofi	W04	75	DMND	9	OATSATR	No_VFD_Chill	0.000137016	0	5.27831E-08
Ofi	W05	75	DMND	9	OATSATR	No_VFD_Chill	0.000117707	0	3.90591E-08
Ofi	W06	75	DMND	9	OATSATR	No_VFD_Chill	0.000128391	0	4.0966E-08
Ofi	W07	75	DMND	9	OATSATR	No_VFD_Chill	0.000142847	0	4.51503E-08
Ofi	W08	75	DMND	9	OATSATR	No_VFD_Chill	0.000146825	0	4.43974E-08
Ofi	W09	75	DMND	9	OATSATR	No_VFD_Chill	0.000152639	0	5.08624E-08
Ofi	W10	75	DMND	9	OATSATR	No_VFD_Chill	0.000146997	0	4.89761E-08
Ofi	W11	75	DMND	9	OATSATR	No_VFD_Chill	0.000124395	0	5.01079E-08
Ofi	W12	75	DMND	9	OATSATR	No_VFD_Chill	0.000120057	0	4.66782E-08
Ofi	W13	75	DMND	9	OATSATR	No_VFD_Chill	0.000141304	0	5.12568E-08
Ofi	W14	75	DMND	9	OATSATR	No_VFD_Chill	0.000122577	0	4.78271E-08
Ofi	W15	75	DMND	9	OATSATR	No_VFD_Chill	0.000192235	0	5.48752E-08
Ofi	W16	75	DMND	9	OATSATR	No_VFD_Chill	7.80428E-05	0	4.43974E-08
Ofi	W01	75	DMND	9	DmdSATR	No_VFD_Chill	4.0762E-05	0	2.877E-08
Ofi	W02	75	DMND	9	DmdSATR	No_VFD_Chill	9.19674E-05	0	4.45861E-08
Ofi	W03	75	DMND	9	DmdSATR	No_VFD_Chill	8.1764E-05	0	4.17274E-08
Ofi	W04	75	DMND	9	DmdSATR	No_VFD_Chill	0.000114243	0	5.27831E-08
Ofi	W05	75	DMND	9	DmdSATR	No_VFD_Chill	9.79693E-05	0	3.84881E-08
Ofi	W06	75	DMND	9	DmdSATR	No_VFD_Chill	0.000109545	0	3.94415E-08
Ofi	W07	75	DMND	9	DmdSATR	No_VFD_Chill	0.000127379	0	4.43923E-08
Ofi	W08	75	DMND	9	DmdSATR	No_VFD_Chill	0.000134118	0	4.51691E-08
Ofi	W09	75	DMND	9	DmdSATR	No_VFD_Chill	0.000135216	0	5.35376E-08
Ofi	W10	75	DMND	9	DmdSATR	No_VFD_Chill	0.000131546	0	4.97306E-08
Ofi	W11	75	DMND	9	DmdSATR	No_VFD_Chill	0.000112871	0	5.20114E-08
Ofi	W12	75	DMND	9	DmdSATR	No_VFD_Chill	0.000107744	0	4.72441E-08
Ofi	W13	75	DMND	9	DmdSATR	No_VFD_Chill	0.000128116	0	5.20114E-08
Ofi	W14	75	DMND	9	DmdSATR	No_VFD_Chill	0.000111842	0	4.93534E-08
Ofi	W15	75	DMND	9	DmdSATR	No_VFD_Chill	0.000182734	0	5.54582E-08



## CHWST Reset db

Ofi	W16	75	DMND	9	DmdSATR	No_VFD_Chill	6.964E-05	0	4.63009E-08
Ofi	W01	85	DMND	3	NoSATR	VFD_Chill	0.000133484	0	3.98222E-08
Ofi	W02	85	DMND	3	NoSATR	VFD_Chill	0.000160647	0	4.63009E-08
Ofi	W03	85	DMND	3	NoSATR	VFD_Chill	0.00016881	0	4.47781E-08
Ofi	W04	85	DMND	3	NoSATR	VFD_Chill	0.000209675	0	5.54479E-08
Ofi	W05	85	DMND	3	NoSATR	VFD_Chill	0.000171228	0	4.23002E-08
Ofi	W06	85	DMND	3	NoSATR	VFD_Chill	0.000180008	0	4.49685E-08
Ofi	W07	85	DMND	3	NoSATR	VFD_Chill	0.000197465	0	4.91579E-08
Ofi	W08	85	DMND	3	NoSATR	VFD_Chill	0.000206674	0	4.93482E-08
Ofi	W09	85	DMND	3	NoSATR	VFD_Chill	0.000211321	0	5.52559E-08
Ofi	W10	85	DMND	3	NoSATR	VFD_Chill	0.000201392	0	5.20182E-08
Ofi	W11	85	DMND	3	NoSATR	VFD_Chill	0.00017392	0	5.0492E-08
Ofi	W12	85	DMND	3	NoSATR	VFD_Chill	0.000187193	0	5.08727E-08
Ofi	W13	85	DMND	3	NoSATR	VFD_Chill	0.000211132	0	5.50672E-08
Ofi	W14	85	DMND	3	NoSATR	VFD_Chill	0.000160356	0	4.66816E-08
Ofi	W15	85	DMND	3	NoSATR	VFD_Chill	0.000221027	0	5.33507E-08
Ofi	W16	85	DMND	3	NoSATR	VFD_Chill	0.000115907	0	4.55378E-08
Ofi	W01	85	DMND	3	OATSATR	VFD_Chill	8.15925E-05	0	3.58215E-08
Ofi	W02	85	DMND	3	OATSATR	VFD_Chill	0.000129591	0	4.64913E-08
Ofi	W03	85	DMND	3	OATSATR	VFD_Chill	0.000135559	0	4.51588E-08
Ofi	W04	85	DMND	3	OATSATR	VFD_Chill	0.000178807	0	5.56366E-08
Ofi	W05	85	DMND	3	OATSATR	VFD_Chill	0.000149861	0	4.28712E-08
Ofi	W06	85	DMND	3	OATSATR	VFD_Chill	0.000169942	0	4.51571E-08
Ofi	W07	85	DMND	3	OATSATR	VFD_Chill	0.000190623	0	4.93499E-08
Ofi	W08	85	DMND	3	OATSATR	VFD_Chill	0.000195733	0	4.91596E-08
Ofi	W09	85	DMND	3	OATSATR	VFD_Chill	0.000194447	0	5.54462E-08
Ofi	W10	85	DMND	3	OATSATR	VFD_Chill	0.000184038	0	5.16375E-08
Ofi	W11	85	DMND	3	OATSATR	VFD_Chill	0.000152296	0	5.06824E-08
Ofi	W12	85	DMND	3	OATSATR	VFD_Chill	0.000156188	0	5.10648E-08
Ofi	W13	85	DMND	3	OATSATR	VFD_Chill	0.000187262	0	5.50655E-08
Ofi	W14	85	DMND	3	OATSATR	VFD_Chill	0.000139606	0	4.66833E-08
Ofi	W15	85	DMND	3	OATSATR	VFD_Chill	0.000217289	0	5.37331E-08
Ofi	W16	85	DMND	3	OATSATR	VFD_Chill	9.19674E-05	0	4.57299E-08
Ofi	W01	85	DMND	3	DmdSATR	VFD_Chill	7.62593E-05	0	3.94415E-08
Ofi	W02	85	DMND	3	DmdSATR	VFD_Chill	0.000123143	0	4.72527E-08
Ofi	W03	85	DMND	3	DmdSATR	VFD_Chill	0.000122149	0	4.53492E-08
Ofi	W04	85	DMND	3	DmdSATR	VFD_Chill	0.000168227	0	5.58286E-08
Ofi	W05	85	DMND	3	DmdSATR	VFD_Chill	0.000136571	0	4.32519E-08
Ofi	W06	85	DMND	3	DmdSATR	VFD_Chill	0.000158229	0	4.53492E-08
Ofi	W07	85	DMND	3	DmdSATR	VFD_Chill	0.000179613	0	4.97306E-08
Ofi	W08	85	DMND	3	DmdSATR	VFD_Chill	0.000187107	0	4.9921E-08
Ofi	W09	85	DMND	3	DmdSATR	VFD_Chill	0.000188702	0	5.58286E-08
Ofi	W10	85	DMND	3	DmdSATR	VFD_Chill	0.000178464	0	5.22086E-08
Ofi	W11	85	DMND	3	DmdSATR	VFD_Chill	0.00014866	0	5.12551E-08
Ofi	W12	85	DMND	3	DmdSATR	VFD_Chill	0.000151661	0	5.16358E-08
Ofi	W13	85	DMND	3	DmdSATR	VFD_Chill	0.000180779	0	5.54462E-08
Ofi	W14	85	DMND	3	DmdSATR	VFD_Chill	0.000140618	0	4.72527E-08
Ofi	W15	85	DMND	3	DmdSATR	VFD_Chill	0.000213807	0	5.41121E-08
Ofi	W16	85	DMND	3	DmdSATR	VFD_Chill	9.26019E-05	0	4.61106E-08
Ofi	W01	85	DMND	9	NoSATR	VFD_Chill	0.00029492	0	9.20291E-08
Ofi	W02	85	DMND	9	NoSATR	VFD_Chill	0.000358352	0	1.12417E-07
Ofi	W03	85	DMND	9	NoSATR	VFD_Chill	0.000377661	0	1.08418E-07
Ofi	W04	85	DMND	9	NoSATR	VFD_Chill	0.000472321	0	1.30329E-07
Ofi	W05	85	DMND	9	NoSATR	VFD_Chill	0.000383526	0	1.00034E-07
Ofi	W06	85	DMND	9	NoSATR	VFD_Chill	0.000410346	0	1.07655E-07
Ofi	W07	85	DMND	9	NoSATR	VFD_Chill	0.0004508	0	1.2023E-07
Ofi	W08	85	DMND	9	NoSATR	VFD_Chill	0.000473916	0	1.2061E-07
Ofi	W09	85	DMND	9	NoSATR	VFD_Chill	0.000478923	0	1.31663E-07
Ofi	W10	85	DMND	9	NoSATR	VFD_Chill	0.000456459	0	1.27472E-07
Ofi	W11	85	DMND	9	NoSATR	VFD_Chill	0.000392117	0	1.25184E-07
Ofi	W12	85	DMND	9	NoSATR	VFD_Chill	0.00042151	0	1.20039E-07
Ofi	W13	85	DMND	9	NoSATR	VFD_Chill	0.000478409	0	1.31472E-07
Ofi	W14	85	DMND	9	NoSATR	VFD_Chill	0.000363599	0	1.14895E-07
Ofi	W15	85	DMND	9	NoSATR	VFD_Chill	0.000513374	0	1.33185E-07
Ofi	W16	85	DMND	9	NoSATR	VFD_Chill	0.000259079	0	1.10892E-07
Ofi	W01	85	DMND	9	OATSATR	VFD_Chill	0.000181671	0	8.28855E-08
Ofi	W02	85	DMND	9	OATSATR	VFD_Chill	0.000292896	0	1.12799E-07
Ofi	W03	85	DMND	9	OATSATR	VFD_Chill	0.000304128	0	1.10131E-07
Ofi	W04	85	DMND	9	OATSATR	VFD_Chill	0.000402544	0	1.21945E-07
Ofi	W05	85	DMND	9	OATSATR	VFD_Chill	0.000336573	0	1.01176E-07
Ofi	W06	85	DMND	9	OATSATR	VFD_Chill	0.000385378	0	1.10894E-07
Ofi	W07	85	DMND	9	OATSATR	VFD_Chill	0.000432193	0	1.20039E-07
Ofi	W08	85	DMND	9	OATSATR	VFD_Chill	0.000447558	0	1.20803E-07
Ofi	W09	85	DMND	9	OATSATR	VFD_Chill	0.000440751	0	1.27851E-07
Ofi	W10	85	DMND	9	OATSATR	VFD_Chill	0.000420258	0	1.25947E-07
Ofi	W11	85	DMND	9	OATSATR	VFD_Chill	0.000345062	0	1.27089E-07
Ofi	W12	85	DMND	9	OATSATR	VFD_Chill	0.000357375	0	1.18325E-07
Ofi	W13	85	DMND	9	OATSATR	VFD_Chill	0.000424408	0	1.2747E-07
Ofi	W14	85	DMND	9	OATSATR	VFD_Chill	0.000319322	0	1.14895E-07
Ofi	W15	85	DMND	9	OATSATR	VFD_Chill	0.000501027	0	1.3395E-07
Ofi	W16	85	DMND	9	OATSATR	VFD_Chill	0.000208217	0	1.12228E-07
Ofi	W01	85	DMND	9	DmdSATR	VFD_Chill	0.000165946	0	9.0316E-08
Ofi	W02	85	DMND	9	DmdSATR	VFD_Chill	0.00027952	0	1.14512E-07
Ofi	W03	85	DMND	9	DmdSATR	VFD_Chill	0.000274616	0	1.11084E-07
Ofi	W04	85	DMND	9	DmdSATR	VFD_Chill	0.000380096	0	1.23088E-07
Ofi	W05	85	DMND	9	DmdSATR	VFD_Chill	0.000306821	0	1.03081E-07
Ofi	W06	85	DMND	9	DmdSATR	VFD_Chill	0.000357906	0	1.07655E-07
Ofi	W07	85	DMND	9	DmdSATR	VFD_Chill	0.000409112	0	1.21183E-07
Ofi	W08	85	DMND	9	DmdSATR	VFD_Chill	0.000427803	0	1.21754E-07
Ofi	W09	85	DMND	9	DmdSATR	VFD_Chill	0.000428798	0	1.28423E-07
Ofi	W10	85	DMND	9	DmdSATR	VFD_Chill	0.000405785	0	1.27472E-07
Ofi	W11	85	DMND	9	DmdSATR	VFD_Chill	0.000336625	0	1.29948E-07
Ofi	W12	85	DMND	9	DmdSATR	VFD_Chill	0.000344462	0	1.18896E-07
Ofi	W13	85	DMND	9	DmdSATR	VFD_Chill	0.00041249	0	1.28233E-07
Ofi	W14	85	DMND	9	DmdSATR	VFD_Chill	0.00032066	0	1.168E-07
Ofi	W15	85	DMND	9	DmdSATR	VFD_Chill	0.00049271	0	1.349E-07
Ofi	W16	85	DMND	9	DmdSATR	VFD_Chill	0.000209675	0	1.1299E-07
Ofi	W01	85	DMND	3	NoSATR	No_VFD_Chill	4.03333E-05	0	1.29574E-08

## CHWST Reset db

Ofi	W02	85	DMND	3	NoSATR	No_VFD_Chill	5.05366E-05	0	1.69581E-08
Ofi	W03	85	DMND	3	NoSATR	No_VFD_Chill	5.13083E-05	0	1.60064E-08
Ofi	W04	85	DMND	3	NoSATR	No_VFD_Chill	6.32265E-05	0	1.98168E-08
Ofi	W05	85	DMND	3	NoSATR	No_VFD_Chill	5.35547E-05	0	1.48609E-08
Ofi	W06	85	DMND	3	NoSATR	No_VFD_Chill	5.54754E-05	0	1.60064E-08
Ofi	W07	85	DMND	3	NoSATR	No_VFD_Chill	6.03798E-05	0	1.73406E-08
Ofi	W08	85	DMND	3	NoSATR	No_VFD_Chill	6.30722E-05	0	1.73388E-08
Ofi	W09	85	DMND	3	NoSATR	No_VFD_Chill	6.53186E-05	0	2.01958E-08
Ofi	W10	85	DMND	3	NoSATR	No_VFD_Chill	6.37581E-05	0	1.94344E-08
Ofi	W11	85	DMND	3	NoSATR	No_VFD_Chill	5.51667E-05	0	1.90537E-08
Ofi	W12	85	DMND	3	NoSATR	No_VFD_Chill	5.79276E-05	0	1.82923E-08
Ofi	W13	85	DMND	3	NoSATR	No_VFD_Chill	6.51643E-05	0	1.98151E-08
Ofi	W14	85	DMND	3	NoSATR	No_VFD_Chill	5.10339E-05	0	1.73388E-08
Ofi	W15	85	DMND	3	NoSATR	No_VFD_Chill	6.95028E-05	0	1.96264E-08
Ofi	W16	85	DMND	3	NoSATR	No_VFD_Chill	3.60118E-05	0	1.63871E-08
Ofi	W01	85	DMND	3	OATSATR	No_VFD_Chill	2.45909E-05	0	1.14329E-08
Ofi	W02	85	DMND	3	OATSATR	No_VFD_Chill	4.10535E-05	0	1.73388E-08
Ofi	W03	85	DMND	3	OATSATR	No_VFD_Chill	4.21338E-05	0	1.63854E-08
Ofi	W04	85	DMND	3	OATSATR	No_VFD_Chill	5.44293E-05	0	2.00054E-08
Ofi	W05	85	DMND	3	OATSATR	No_VFD_Chill	4.71069E-05	0	1.52433E-08
Ofi	W06	85	DMND	3	OATSATR	No_VFD_Chill	5.32461E-05	0	1.6195E-08
Ofi	W07	85	DMND	3	OATSATR	No_VFD_Chill	5.84249E-05	0	1.75292E-08
Ofi	W08	85	DMND	3	OATSATR	No_VFD_Chill	6.01398E-05	0	1.73388E-08
Ofi	W09	85	DMND	3	OATSATR	No_VFD_Chill	5.9934E-05	0	2.03878E-08
Ofi	W10	85	DMND	3	OATSATR	No_VFD_Chill	5.69844E-05	0	1.88633E-08
Ofi	W11	85	DMND	3	OATSATR	No_VFD_Chill	4.85988E-05	0	1.90537E-08
Ofi	W12	85	DMND	3	OATSATR	No_VFD_Chill	4.71412E-05	0	1.84826E-08
Ofi	W13	85	DMND	3	OATSATR	No_VFD_Chill	5.88536E-05	0	2.00054E-08
Ofi	W14	85	DMND	3	OATSATR	No_VFD_Chill	4.44832E-05	0	1.75292E-08
Ofi	W15	85	DMND	3	OATSATR	No_VFD_Chill	6.97944E-05	0	1.98151E-08
Ofi	W16	85	DMND	3	OATSATR	No_VFD_Chill	2.80206E-05	0	1.63854E-08
Ofi	W01	85	DMND	3	DmdSATR	No_VFD_Chill	2.26532E-05	0	1.35284E-08
Ofi	W02	85	DMND	3	DmdSATR	No_VFD_Chill	3.70922E-05	0	1.77195E-08
Ofi	W03	85	DMND	3	DmdSATR	No_VFD_Chill	3.67835E-05	0	1.67678E-08
Ofi	W04	85	DMND	3	DmdSATR	No_VFD_Chill	4.97821E-05	0	2.05782E-08
Ofi	W05	85	DMND	3	DmdSATR	No_VFD_Chill	4.21681E-05	0	1.58143E-08
Ofi	W06	85	DMND	3	DmdSATR	No_VFD_Chill	4.85988E-05	0	1.63854E-08
Ofi	W07	85	DMND	3	DmdSATR	No_VFD_Chill	5.41035E-05	0	1.81002E-08
Ofi	W08	85	DMND	3	DmdSATR	No_VFD_Chill	5.66243E-05	0	1.77195E-08
Ofi	W09	85	DMND	3	DmdSATR	No_VFD_Chill	5.71731E-05	0	2.09606E-08
Ofi	W10	85	DMND	3	DmdSATR	No_VFD_Chill	5.54068E-05	0	1.94344E-08
Ofi	W11	85	DMND	3	DmdSATR	No_VFD_Chill	4.65582E-05	0	1.94344E-08
Ofi	W12	85	DMND	3	DmdSATR	No_VFD_Chill	4.64038E-05	0	1.88633E-08
Ofi	W13	85	DMND	3	DmdSATR	No_VFD_Chill	5.53725E-05	0	2.05782E-08
Ofi	W14	85	DMND	3	DmdSATR	No_VFD_Chill	4.37801E-05	0	1.79116E-08
Ofi	W15	85	DMND	3	DmdSATR	No_VFD_Chill	6.74279E-05	0	2.01975E-08
Ofi	W16	85	DMND	3	DmdSATR	No_VFD_Chill	2.81407E-05	0	1.69581E-08
Ofi	W01	85	DMND	9	NoSATR	No_VFD_Chill	8.9961E-05	0	2.91524E-08
Ofi	W02	85	DMND	9	NoSATR	No_VFD_Chill	0.000110505	0	3.94415E-08
Ofi	W03	85	DMND	9	NoSATR	No_VFD_Chill	0.00011414	0	3.7346E-08
Ofi	W04	85	DMND	9	NoSATR	No_VFD_Chill	0.000140943	0	4.51588E-08
Ofi	W05	85	DMND	9	NoSATR	No_VFD_Chill	0.000118222	0	3.33435E-08
Ofi	W06	85	DMND	9	NoSATR	No_VFD_Chill	0.000125458	0	3.67749E-08
Ofi	W07	85	DMND	9	NoSATR	No_VFD_Chill	0.000137188	0	4.07757E-08
Ofi	W08	85	DMND	9	NoSATR	No_VFD_Chill	0.000143584	0	4.07757E-08
Ofi	W09	85	DMND	9	NoSATR	No_VFD_Chill	0.000145248	0	4.63009E-08
Ofi	W10	85	DMND	9	NoSATR	No_VFD_Chill	0.000141441	0	4.51571E-08
Ofi	W11	85	DMND	9	NoSATR	No_VFD_Chill	0.000122166	0	4.49685E-08
Ofi	W12	85	DMND	9	NoSATR	No_VFD_Chill	0.000127739	0	4.15371E-08
Ofi	W13	85	DMND	9	NoSATR	No_VFD_Chill	0.000144853	0	4.63009E-08
Ofi	W14	85	DMND	9	NoSATR	No_VFD_Chill	0.000114072	0	4.0966E-08
Ofi	W15	85	DMND	9	NoSATR	No_VFD_Chill	0.000159241	0	4.68737E-08
Ofi	W16	85	DMND	9	NoSATR	No_VFD_Chill	7.93461E-05	0	3.81074E-08
Ofi	W01	85	DMND	9	OATSATR	No_VFD_Chill	5.56126E-05	0	2.59148E-08
Ofi	W02	85	DMND	9	OATSATR	No_VFD_Chill	9.2276E-05	0	4.00126E-08
Ofi	W03	85	DMND	9	OATSATR	No_VFD_Chill	9.39737E-05	0	3.84881E-08
Ofi	W04	85	DMND	9	OATSATR	No_VFD_Chill	0.000119748	0	4.26792E-08
Ofi	W05	85	DMND	9	OATSATR	No_VFD_Chill	0.000105172	0	3.4297E-08
Ofi	W06	85	DMND	9	OATSATR	No_VFD_Chill	0.000119216	0	3.90608E-08
Ofi	W07	85	DMND	9	OATSATR	No_VFD_Chill	0.0001305	0	4.11564E-08
Ofi	W08	85	DMND	9	OATSATR	No_VFD_Chill	0.000136296	0	4.09643E-08
Ofi	W09	85	DMND	9	OATSATR	No_VFD_Chill	0.00013357	0	4.55395E-08
Ofi	W10	85	DMND	9	OATSATR	No_VFD_Chill	0.000128648	0	4.43957E-08
Ofi	W11	85	DMND	9	OATSATR	No_VFD_Chill	0.000107984	0	4.61106E-08
Ofi	W12	85	DMND	9	OATSATR	No_VFD_Chill	0.000107744	0	4.15388E-08
Ofi	W13	85	DMND	9	OATSATR	No_VFD_Chill	0.000129745	0	4.51571E-08
Ofi	W14	85	DMND	9	OATSATR	No_VFD_Chill	0.000100713	0	4.11564E-08
Ofi	W15	85	DMND	9	OATSATR	No_VFD_Chill	0.000157509	0	4.72527E-08
Ofi	W16	85	DMND	9	OATSATR	No_VFD_Chill	6.28149E-05	0	3.90608E-08
Ofi	W01	85	DMND	9	DmdSATR	No_VFD_Chill	4.66953E-05	0	2.97235E-08
Ofi	W02	85	DMND	9	DmdSATR	No_VFD_Chill	8.3839E-05	0	4.0966E-08
Ofi	W03	85	DMND	9	DmdSATR	No_VFD_Chill	8.11981E-05	0	3.96319E-08
Ofi	W04	85	DMND	9	DmdSATR	No_VFD_Chill	0.000109202	0	4.3444E-08
Ofi	W05	85	DMND	9	DmdSATR	No_VFD_Chill	9.31678E-05	0	3.60118E-08
Ofi	W06	85	DMND	9	DmdSATR	No_VFD_Chill	0.000107007	0	3.71539E-08
Ofi	W07	85	DMND	9	DmdSATR	No_VFD_Chill	0.000121926	0	4.21081E-08
Ofi	W08	85	DMND	9	DmdSATR	No_VFD_Chill	0.000127328	0	4.17274E-08
Ofi	W09	85	DMND	9	DmdSATR	No_VFD_Chill	0.000127328	0	4.63009E-08
Ofi	W10	85	DMND	9	DmdSATR	No_VFD_Chill	0.000122766	0	4.57282E-08
Ofi	W11	85	DMND	9	DmdSATR	No_VFD_Chill	0.000102719	0	4.82061E-08
Ofi	W12	85	DMND	9	DmdSATR	No_VFD_Chill	0.000102925	0	4.21081E-08
Ofi	W13	85	DMND	9	DmdSATR	No_VFD_Chill	0.000124892	0	4.59202E-08
Ofi	W14	85	DMND	9	DmdSATR	No_VFD_Chill	9.80036E-05	0	4.23002E-08
Ofi	W15	85	DMND	9	DmdSATR	No_VFD_Chill	0.000151233	0	4.80158E-08
Ofi	W16	85	DMND	9	DmdSATR	No_VFD_Chill	6.32436E-05	0	3.98222E-08
Ofi	W01	96	DMND	3	NoSATR	VFD_Chill	0.000104383	0	3.35339E-08
Ofi	W02	96	DMND	3	NoSATR	VFD_Chill	0.000137016	0	4.00143E-08
Ofi	W03	96	DMND	3	NoSATR	VFD_Chill	0.000141441	0	3.7346E-08

## CHWST Reset db

Ofi	W04	96	DMND	3	NoSATR	VFD_Chill	0.000181723	0	4.74447E-08
Ofi	W05	96	DMND	3	NoSATR	VFD_Chill	0.000148626	0	3.67732E-08
Ofi	W06	96	DMND	3	NoSATR	VFD_Chill	0.000159241	0	4.05836E-08
Ofi	W07	96	DMND	3	NoSATR	VFD_Chill	0.00017476	0	4.34423E-08
Ofi	W08	96	DMND	3	NoSATR	VFD_Chill	0.000179562	0	4.28712E-08
Ofi	W09	96	DMND	3	NoSATR	VFD_Chill	0.000184003	0	4.78254E-08
Ofi	W10	96	DMND	3	NoSATR	VFD_Chill	0.000171708	0	4.45861E-08
Ofi	W11	96	DMND	3	NoSATR	VFD_Chill	0.000136039	0	4.05853E-08
Ofi	W12	96	DMND	3	NoSATR	VFD_Chill	0.000146894	0	4.19178E-08
Ofi	W13	96	DMND	3	NoSATR	VFD_Chill	0.000167129	0	4.55395E-08
Ofi	W14	96	DMND	3	NoSATR	VFD_Chill	0.000128562	0	3.81074E-08
Ofi	W15	96	DMND	3	NoSATR	VFD_Chill	0.000182854	0	4.43957E-08
Ofi	W16	96	DMND	3	NoSATR	VFD_Chill	9.28762E-05	0	3.81074E-08
Ofi	W01	96	DMND	3	OATSATR	VFD_Chill	6.25234E-05	0	3.06752E-08
Ofi	W02	96	DMND	3	OATSATR	VFD_Chill	0.000108704	0	4.02029E-08
Ofi	W03	96	DMND	3	OATSATR	VFD_Chill	0.000109802	0	3.84898E-08
Ofi	W04	96	DMND	3	OATSATR	VFD_Chill	0.000152433	0	4.74447E-08
Ofi	W05	96	DMND	3	OATSATR	VFD_Chill	0.000127825	0	3.69636E-08
Ofi	W06	96	DMND	3	OATSATR	VFD_Chill	0.000145882	0	4.02029E-08
Ofi	W07	96	DMND	3	OATSATR	VFD_Chill	0.000167318	0	4.36326E-08
Ofi	W08	96	DMND	3	OATSATR	VFD_Chill	0.000168604	0	4.30616E-08
Ofi	W09	96	DMND	3	OATSATR	VFD_Chill	0.000169256	0	4.78254E-08
Ofi	W10	96	DMND	3	OATSATR	VFD_Chill	0.00015624	0	4.45861E-08
Ofi	W11	96	DMND	3	OATSATR	VFD_Chill	0.000119302	0	4.0966E-08
Ofi	W12	96	DMND	3	OATSATR	VFD_Chill	0.000123675	0	4.21081E-08
Ofi	W13	96	DMND	3	OATSATR	VFD_Chill	0.000147134	0	4.57282E-08
Ofi	W14	96	DMND	3	OATSATR	VFD_Chill	0.000110934	0	3.81074E-08
Ofi	W15	96	DMND	3	OATSATR	VFD_Chill	0.000178602	0	4.43957E-08
Ofi	W16	96	DMND	3	OATSATR	VFD_Chill	7.50075E-05	0	3.81074E-08
Ofi	W01	96	DMND	3	DmdSATR	VFD_Chill	5.79276E-05	0	3.31532E-08
Ofi	W02	96	DMND	3	DmdSATR	VFD_Chill	0.000105755	0	4.05853E-08
Ofi	W03	96	DMND	3	DmdSATR	VFD_Chill	9.97871E-05	0	3.88705E-08
Ofi	W04	96	DMND	3	DmdSATR	VFD_Chill	0.000142212	0	4.7443E-08
Ofi	W05	96	DMND	3	DmdSATR	VFD_Chill	0.000117056	0	3.7917E-08
Ofi	W06	96	DMND	3	DmdSATR	VFD_Chill	0.00013489	0	4.05853E-08
Ofi	W07	96	DMND	3	DmdSATR	VFD_Chill	0.000156943	0	4.36326E-08
Ofi	W08	96	DMND	3	DmdSATR	VFD_Chill	0.00016015	0	4.30616E-08
Ofi	W09	96	DMND	3	DmdSATR	VFD_Chill	0.000162208	0	4.82061E-08
Ofi	W10	96	DMND	3	DmdSATR	VFD_Chill	0.000149964	0	4.49685E-08
Ofi	W11	96	DMND	3	DmdSATR	VFD_Chill	0.000113712	0	4.13467E-08
Ofi	W12	96	DMND	3	DmdSATR	VFD_Chill	0.000116936	0	4.23002E-08
Ofi	W13	96	DMND	3	DmdSATR	VFD_Chill	0.000142058	0	4.63009E-08
Ofi	W14	96	DMND	3	DmdSATR	VFD_Chill	0.000111911	0	3.82977E-08
Ofi	W15	96	DMND	3	DmdSATR	VFD_Chill	0.000175395	0	4.45861E-08
Ofi	W16	96	DMND	3	DmdSATR	VFD_Chill	7.47331E-05	0	3.84881E-08
Ofi	W01	96	DMND	9	NoSATR	VFD_Chill	0.000229275	0	7.85024E-08
Ofi	W02	96	DMND	9	NoSATR	VFD_Chill	0.000304969	0	9.37457E-08
Ofi	W03	96	DMND	9	NoSATR	VFD_Chill	0.000314898	0	8.95546E-08
Ofi	W04	96	DMND	9	NoSATR	VFD_Chill	0.000403607	0	8.49811E-08
Ofi	W05	96	DMND	9	NoSATR	VFD_Chill	0.00033148	0	8.91722E-08
Ofi	W06	96	DMND	9	NoSATR	VFD_Chill	0.000358301	0	9.69833E-08
Ofi	W07	96	DMND	9	NoSATR	VFD_Chill	0.000397794	0	1.04033E-07
Ofi	W08	96	DMND	9	NoSATR	VFD_Chill	0.000410363	0	1.0594E-07
Ofi	W09	96	DMND	9	NoSATR	VFD_Chill	0.000413039	0	9.90806E-08
Ofi	W10	96	DMND	9	NoSATR	VFD_Chill	0.0003915	0	1.0613E-07
Ofi	W11	96	DMND	9	NoSATR	VFD_Chill	0.000305483	0	7.54534E-08
Ofi	W12	96	DMND	9	NoSATR	VFD_Chill	0.000330091	0	8.80284E-08
Ofi	W13	96	DMND	9	NoSATR	VFD_Chill	0.000376066	0	9.20308E-08
Ofi	W14	96	DMND	9	NoSATR	VFD_Chill	0.00029149	0	7.98348E-08
Ofi	W15	96	DMND	9	NoSATR	VFD_Chill	0.000421476	0	1.02509E-07
Ofi	W16	96	DMND	9	NoSATR	VFD_Chill	0.000208097	0	9.26019E-08
Ofi	W01	96	DMND	9	OATSATR	VFD_Chill	0.000138577	0	7.06895E-08
Ofi	W02	96	DMND	9	OATSATR	VFD_Chill	0.000244555	0	9.01239E-08
Ofi	W03	96	DMND	9	OATSATR	VFD_Chill	0.000246767	0	8.47907E-08
Ofi	W04	96	DMND	9	OATSATR	VFD_Chill	0.000336693	0	7.27851E-08
Ofi	W05	96	DMND	9	OATSATR	VFD_Chill	0.000285642	0	9.05063E-08
Ofi	W06	96	DMND	9	OATSATR	VFD_Chill	0.000329457	0	9.48877E-08
Ofi	W07	96	DMND	9	OATSATR	VFD_Chill	0.000378639	0	9.92709E-08
Ofi	W08	96	DMND	9	OATSATR	VFD_Chill	0.0003814	0	1.0613E-07
Ofi	W09	96	DMND	9	OATSATR	VFD_Chill	0.000375603	0	8.82204E-08
Ofi	W10	96	DMND	9	OATSATR	VFD_Chill	0.000356603	0	9.92709E-08
Ofi	W11	96	DMND	9	OATSATR	VFD_Chill	0.000266865	0	6.8594E-08
Ofi	W12	96	DMND	9	OATSATR	VFD_Chill	0.000276074	0	7.88831E-08
Ofi	W13	96	DMND	9	OATSATR	VFD_Chill	0.000325513	0	8.38373E-08
Ofi	W14	96	DMND	9	OATSATR	VFD_Chill	0.000254329	0	8.09786E-08
Ofi	W15	96	DMND	9	OATSATR	VFD_Chill	0.000406454	0	9.67929E-08
Ofi	W16	96	DMND	9	OATSATR	VFD_Chill	0.000167849	0	9.26019E-08
Ofi	W01	96	DMND	9	DmdSATR	VFD_Chill	0.000128168	0	7.62148E-08
Ofi	W02	96	DMND	9	DmdSATR	VFD_Chill	0.000236838	0	8.99353E-08
Ofi	W03	96	DMND	9	DmdSATR	VFD_Chill	0.000225263	0	8.51714E-08
Ofi	W04	96	DMND	9	DmdSATR	VFD_Chill	0.000317607	0	7.01185E-08
Ofi	W05	96	DMND	9	DmdSATR	VFD_Chill	0.0002622	0	9.22212E-08
Ofi	W06	96	DMND	9	DmdSATR	VFD_Chill	0.000305843	0	9.60316E-08
Ofi	W07	96	DMND	9	DmdSATR	VFD_Chill	0.000355505	0	9.75543E-08
Ofi	W08	96	DMND	9	DmdSATR	VFD_Chill	0.000363274	0	1.0575E-07
Ofi	W09	96	DMND	9	DmdSATR	VFD_Chill	0.000362536	0	8.65038E-08
Ofi	W10	96	DMND	9	DmdSATR	VFD_Chill	0.000341804	0	9.81288E-08
Ofi	W11	96	DMND	9	DmdSATR	VFD_Chill	0.000256078	0	6.57353E-08
Ofi	W12	96	DMND	9	DmdSATR	VFD_Chill	0.000263109	0	7.7741E-08
Ofi	W13	96	DMND	9	DmdSATR	VFD_Chill	0.000315738	0	8.26935E-08
Ofi	W14	96	DMND	9	DmdSATR	VFD_Chill	0.000254947	0	7.79296E-08
Ofi	W15	96	DMND	9	DmdSATR	VFD_Chill	0.000398479	0	9.43167E-08
Ofi	W16	96	DMND	9	DmdSATR	VFD_Chill	0.000167489	0	9.1458E-08
Ofi	W01	96	DMND	3	NoSATR	No_VFD_Chill	3.08501E-05	0	1.04794E-08
Ofi	W02	96	DMND	3	NoSATR	No_VFD_Chill	4.2271E-05	0	1.46705E-08
Ofi	W03	96	DMND	3	NoSATR	No_VFD_Chill	4.20138E-05	0	1.27653E-08
Ofi	W04	96	DMND	3	NoSATR	No_VFD_Chill	5.34861E-05	0	1.69581E-08
Ofi	W05	96	DMND	3	NoSATR	No_VFD_Chill	4.43117E-05	0	1.21943E-08



## CHWST Reset db

Ofi	W06	96	DMND	3	NoSATR	No_VFD_Chill	4.86846E-05	0	1.41012E-08
Ofi	W07	96	DMND	3	NoSATR	No_VFD_Chill	5.08453E-05	0	1.52433E-08
Ofi	W08	96	DMND	3	NoSATR	No_VFD_Chill	5.2543E-05	0	1.48609E-08
Ofi	W09	96	DMND	3	NoSATR	No_VFD_Chill	5.48752E-05	0	1.73388E-08
Ofi	W10	96	DMND	3	NoSATR	No_VFD_Chill	5.22686E-05	0	1.6195E-08
Ofi	W11	96	DMND	3	NoSATR	No_VFD_Chill	4.12593E-05	0	1.54336E-08
Ofi	W12	96	DMND	3	NoSATR	No_VFD_Chill	4.37287E-05	0	1.48626E-08
Ofi	W13	96	DMND	3	NoSATR	No_VFD_Chill	4.97306E-05	0	1.65774E-08
Ofi	W14	96	DMND	3	NoSATR	No_VFD_Chill	4.00932E-05	0	1.42916E-08
Ofi	W15	96	DMND	3	NoSATR	No_VFD_Chill	5.60413E-05	0	1.63871E-08
Ofi	W16	96	DMND	3	NoSATR	No_VFD_Chill	2.75576E-05	0	1.35284E-08
Ofi	W01	96	DMND	3	OATSATR	No_VFD_Chill	1.85375E-05	0	1.00987E-08
Ofi	W02	96	DMND	3	OATSATR	No_VFD_Chill	3.31823E-05	0	1.50529E-08
Ofi	W03	96	DMND	3	OATSATR	No_VFD_Chill	3.21877E-05	0	1.40995E-08
Ofi	W04	96	DMND	3	OATSATR	No_VFD_Chill	4.47576E-05	0	1.69581E-08
Ofi	W05	96	DMND	3	OATSATR	No_VFD_Chill	3.87384E-05	0	1.2575E-08
Ofi	W06	96	DMND	3	OATSATR	No_VFD_Chill	4.41059E-05	0	1.40995E-08
Ofi	W07	96	DMND	3	OATSATR	No_VFD_Chill	4.90447E-05	0	1.52433E-08
Ofi	W08	96	DMND	3	OATSATR	No_VFD_Chill	5.07938E-05	0	1.50512E-08
Ofi	W09	96	DMND	3	OATSATR	No_VFD_Chill	5.10168E-05	0	1.75292E-08
Ofi	W10	96	DMND	3	OATSATR	No_VFD_Chill	4.75699E-05	0	1.65757E-08
Ofi	W11	96	DMND	3	OATSATR	No_VFD_Chill	3.69207E-05	0	1.54336E-08
Ofi	W12	96	DMND	3	OATSATR	No_VFD_Chill	3.71608E-05	0	1.52433E-08
Ofi	W13	96	DMND	3	OATSATR	No_VFD_Chill	4.48948E-05	0	1.67678E-08
Ofi	W14	96	DMND	3	OATSATR	No_VFD_Chill	3.42284E-05	0	1.42898E-08
Ofi	W15	96	DMND	3	OATSATR	No_VFD_Chill	5.54925E-05	0	1.61967E-08
Ofi	W16	96	DMND	3	OATSATR	No_VFD_Chill	2.2516E-05	0	1.35284E-08
Ofi	W01	96	DMND	3	DmdSATR	No_VFD_Chill	1.62225E-05	0	1.10522E-08
Ofi	W02	96	DMND	3	DmdSATR	No_VFD_Chill	3.24106E-05	0	1.52433E-08
Ofi	W03	96	DMND	3	DmdSATR	No_VFD_Chill	2.88952E-05	0	1.42916E-08
Ofi	W04	96	DMND	3	DmdSATR	No_VFD_Chill	4.07105E-05	0	1.71485E-08
Ofi	W05	96	DMND	3	DmdSATR	No_VFD_Chill	3.49658E-05	0	1.35267E-08
Ofi	W06	96	DMND	3	DmdSATR	No_VFD_Chill	3.99388E-05	0	1.42898E-08
Ofi	W07	96	DMND	3	DmdSATR	No_VFD_Chill	4.60608E-05	0	1.54336E-08
Ofi	W08	96	DMND	3	DmdSATR	No_VFD_Chill	4.769E-05	0	1.52433E-08
Ofi	W09	96	DMND	3	DmdSATR	No_VFD_Chill	4.82216E-05	0	1.79116E-08
Ofi	W10	96	DMND	3	DmdSATR	No_VFD_Chill	4.53578E-05	0	1.67678E-08
Ofi	W11	96	DMND	3	DmdSATR	No_VFD_Chill	3.39197E-05	0	1.58143E-08
Ofi	W12	96	DMND	3	DmdSATR	No_VFD_Chill	3.40398E-05	0	1.5624E-08
Ofi	W13	96	DMND	3	DmdSATR	No_VFD_Chill	4.23739E-05	0	1.73388E-08
Ofi	W14	96	DMND	3	DmdSATR	No_VFD_Chill	3.49315E-05	0	1.44819E-08
Ofi	W15	96	DMND	3	DmdSATR	No_VFD_Chill	5.45836E-05	0	1.63871E-08
Ofi	W16	96	DMND	3	DmdSATR	No_VFD_Chill	2.2173E-05	0	1.37188E-08
Ofi	W01	96	DMND	9	NoSATR	No_VFD_Chill	6.73764E-05	0	2.43886E-08
Ofi	W02	96	DMND	9	NoSATR	No_VFD_Chill	9.20531E-05	0	3.29628E-08
Ofi	W03	96	DMND	9	NoSATR	No_VFD_Chill	9.23618E-05	0	3.10576E-08
Ofi	W04	96	DMND	9	NoSATR	No_VFD_Chill	0.000117673	0	2.95331E-08
Ofi	W05	96	DMND	9	NoSATR	No_VFD_Chill	9.66317E-05	0	2.91524E-08
Ofi	W06	96	DMND	9	NoSATR	No_VFD_Chill	0.000106972	0	3.29645E-08
Ofi	W07	96	DMND	9	NoSATR	No_VFD_Chill	0.000115118	0	3.56311E-08
Ofi	W08	96	DMND	9	NoSATR	No_VFD_Chill	0.000119525	0	3.58215E-08
Ofi	W09	96	DMND	9	NoSATR	No_VFD_Chill	0.000121909	0	3.54408E-08
Ofi	W10	96	DMND	9	NoSATR	No_VFD_Chill	0.000117964	0	3.75363E-08
Ofi	W11	96	DMND	9	NoSATR	No_VFD_Chill	9.17101E-05	0	2.74376E-08
Ofi	W12	96	DMND	9	NoSATR	No_VFD_Chill	9.74549E-05	0	3.01059E-08
Ofi	W13	96	DMND	9	NoSATR	No_VFD_Chill	0.000111139	0	3.25821E-08
Ofi	W14	96	DMND	9	NoSATR	No_VFD_Chill	8.98581E-05	0	2.89621E-08
Ofi	W15	96	DMND	9	NoSATR	No_VFD_Chill	0.000127293	0	3.63942E-08
Ofi	W16	96	DMND	9	NoSATR	No_VFD_Chill	6.14602E-05	0	3.14383E-08
Ofi	W01	96	DMND	9	OATSATR	No_VFD_Chill	4.12764E-05	0	2.24834E-08
Ofi	W02	96	DMND	9	OATSATR	No_VFD_Chill	7.36871E-05	0	3.22014E-08
Ofi	W03	96	DMND	9	OATSATR	No_VFD_Chill	7.24867E-05	0	3.04866E-08
Ofi	W04	96	DMND	9	OATSATR	No_VFD_Chill	9.83637E-05	0	2.57227E-08
Ofi	W05	96	DMND	9	OATSATR	No_VFD_Chill	8.51594E-05	0	3.04849E-08
Ofi	W06	96	DMND	9	OATSATR	No_VFD_Chill	9.89468E-05	0	3.22014E-08
Ofi	W07	96	DMND	9	OATSATR	No_VFD_Chill	0.000110522	0	3.37259E-08
Ofi	W08	96	DMND	9	OATSATR	No_VFD_Chill	0.00011318	0	3.58215E-08
Ofi	W09	96	DMND	9	OATSATR	No_VFD_Chill	0.000112408	0	3.20111E-08
Ofi	W10	96	DMND	9	OATSATR	No_VFD_Chill	0.000108121	0	3.58215E-08
Ofi	W11	96	DMND	9	OATSATR	No_VFD_Chill	8.09923E-05	0	2.47693E-08
Ofi	W12	96	DMND	9	OATSATR	No_VFD_Chill	8.17297E-05	0	2.70552E-08
Ofi	W13	96	DMND	9	OATSATR	No_VFD_Chill	9.64946E-05	0	2.99155E-08
Ofi	W14	96	DMND	9	OATSATR	No_VFD_Chill	7.81971E-05	0	2.99138E-08
Ofi	W15	96	DMND	9	OATSATR	No_VFD_Chill	0.000123915	0	3.44873E-08
Ofi	W16	96	DMND	9	OATSATR	No_VFD_Chill	4.94048E-05	0	3.14383E-08
Ofi	W01	96	DMND	9	DmdSATR	No_VFD_Chill	3.52059E-05	0	2.41982E-08
Ofi	W02	96	DMND	9	DmdSATR	No_VFD_Chill	7.06175E-05	0	3.23918E-08
Ofi	W03	96	DMND	9	DmdSATR	No_VFD_Chill	6.50785E-05	0	3.02962E-08
Ofi	W04	96	DMND	9	DmdSATR	No_VFD_Chill	9.08356E-05	0	2.47693E-08
Ofi	W05	96	DMND	9	DmdSATR	No_VFD_Chill	7.6448E-05	0	3.20094E-08
Ofi	W06	96	DMND	9	DmdSATR	No_VFD_Chill	8.96523E-05	0	3.31532E-08
Ofi	W07	96	DMND	9	DmdSATR	No_VFD_Chill	0.000103268	0	3.35339E-08
Ofi	W08	96	DMND	9	DmdSATR	No_VFD_Chill	0.000106869	0	3.63925E-08
Ofi	W09	96	DMND	9	DmdSATR	No_VFD_Chill	0.000106544	0	3.18207E-08
Ofi	W10	96	DMND	9	DmdSATR	No_VFD_Chill	0.000101588	0	3.56311E-08
Ofi	W11	96	DMND	9	DmdSATR	No_VFD_Chill	7.57792E-05	0	2.40079E-08
Ofi	W12	96	DMND	9	DmdSATR	No_VFD_Chill	7.58992E-05	0	2.72472E-08
Ofi	W13	96	DMND	9	DmdSATR	No_VFD_Chill	9.16758E-05	0	2.99138E-08
Ofi	W14	96	DMND	9	DmdSATR	No_VFD_Chill	7.83686E-05	0	2.8391E-08
Ofi	W15	96	DMND	9	DmdSATR	No_VFD_Chill	0.000121171	0	3.39163E-08
Ofi	W16	96	DMND	9	DmdSATR	No_VFD_Chill	4.91647E-05	0	3.14383E-08
Ofi	W01	3	DMND	3	NoSATR	VFD_Chill	8.12153E-05	0	2.72472E-08
Ofi	W02	3	DMND	3	NoSATR	VFD_Chill	9.32706E-05	0	2.87717E-08
Ofi	W03	3	DMND	3	NoSATR	VFD_Chill	0.000111345	0	3.01042E-08
Ofi	W04	3	DMND	3	NoSATR	VFD_Chill	0.000144905	0	3.88705E-08
Ofi	W05	3	DMND	3	NoSATR	VFD_Chill	0.000118788	0	2.99138E-08
Ofi	W06	3	DMND	3	NoSATR	VFD_Chill	0.000123075	0	3.04866E-08
Ofi	W07	3	DMND	3	NoSATR	VFD_Chill	0.000141475	0	3.44873E-08

## CHWST Reset db

Ofi	W08	3 DMND	3 NoSATR	VFD_Chill	0.000143756	0	3.41066E-08
Ofi	W09	3 DMND	3 NoSATR	VFD_Chill	0.000142693	0	3.7346E-08
Ofi	W10	3 DMND	3 NoSATR	VFD_Chill	0.000122886	0	3.22014E-08
Ofi	W11	3 DMND	3 NoSATR	VFD_Chill	0.000101536	0	3.08673E-08
Ofi	W12	3 DMND	3 NoSATR	VFD_Chill	0.000110642	0	3.22014E-08
Ofi	W13	3 DMND	3 NoSATR	VFD_Chill	0.000124464	0	3.37259E-08
Ofi	W14	3 DMND	3 NoSATR	VFD_Chill	9.70605E-05	0	2.97235E-08
Ofi	W15	3 DMND	3 NoSATR	VFD_Chill	0.000152587	0	3.62022E-08
Ofi	W16	3 DMND	3 NoSATR	VFD_Chill	7.22466E-05	0	3.02962E-08
Ofi	W01	3 DMND	3 OATSATR	VFD_Chill	4.88903E-05	0	2.41982E-08
Ofi	W02	3 DMND	3 OATSATR	VFD_Chill	7.57963E-05	0	2.89621E-08
Ofi	W03	3 DMND	3 OATSATR	VFD_Chill	8.70629E-05	0	3.04849E-08
Ofi	W04	3 DMND	3 OATSATR	VFD_Chill	0.000122612	0	3.88705E-08
Ofi	W05	3 DMND	3 OATSATR	VFD_Chill	0.000100902	0	2.99138E-08
Ofi	W06	3 DMND	3 OATSATR	VFD_Chill	0.00011198	0	3.06769E-08
Ofi	W07	3 DMND	3 OATSATR	VFD_Chill	0.000135267	0	3.50584E-08
Ofi	W08	3 DMND	3 OATSATR	VFD_Chill	0.000134736	0	3.4297E-08
Ofi	W09	3 DMND	3 OATSATR	VFD_Chill	0.000132266	0	3.75363E-08
Ofi	W10	3 DMND	3 OATSATR	VFD_Chill	0.000110814	0	3.22014E-08
Ofi	W11	3 DMND	3 OATSATR	VFD_Chill	9.00467E-05	0	3.08673E-08
Ofi	W12	3 DMND	3 OATSATR	VFD_Chill	9.56714E-05	0	3.20111E-08
Ofi	W13	3 DMND	3 OATSATR	VFD_Chill	0.000110196	0	3.37259E-08
Ofi	W14	3 DMND	3 OATSATR	VFD_Chill	8.48507E-05	0	2.97252E-08
Ofi	W15	3 DMND	3 OATSATR	VFD_Chill	0.000147803	0	3.62022E-08
Ofi	W16	3 DMND	3 OATSATR	VFD_Chill	5.90423E-05	0	3.04849E-08
Ofi	W01	3 DMND	3 DmdSATR	VFD_Chill	4.47404E-05	0	2.43886E-08
Ofi	W02	3 DMND	3 DmdSATR	VFD_Chill	7.35499E-05	0	2.91524E-08
Ofi	W03	3 DMND	3 DmdSATR	VFD_Chill	7.86944E-05	0	3.04866E-08
Ofi	W04	3 DMND	3 DmdSATR	VFD_Chill	0.000114552	0	3.90608E-08
Ofi	W05	3 DMND	3 DmdSATR	VFD_Chill	9.23275E-05	0	3.02945E-08
Ofi	W06	3 DMND	3 DmdSATR	VFD_Chill	0.000103954	0	3.08673E-08
Ofi	W07	3 DMND	3 DmdSATR	VFD_Chill	0.000125407	0	3.4688E-08
Ofi	W08	3 DMND	3 DmdSATR	VFD_Chill	0.000128322	0	3.4297E-08
Ofi	W09	3 DMND	3 DmdSATR	VFD_Chill	0.000126762	0	3.7917E-08
Ofi	W10	3 DMND	3 DmdSATR	VFD_Chill	0.000107744	0	3.23918E-08
Ofi	W11	3 DMND	3 DmdSATR	VFD_Chill	8.95494E-05	0	3.10576E-08
Ofi	W12	3 DMND	3 DmdSATR	VFD_Chill	9.1813E-05	0	3.23918E-08
Ofi	W13	3 DMND	3 DmdSATR	VFD_Chill	0.000108516	0	3.37242E-08
Ofi	W14	3 DMND	3 DmdSATR	VFD_Chill	8.5108E-05	0	3.01042E-08
Ofi	W15	3 DMND	3 DmdSATR	VFD_Chill	0.000144493	0	3.63925E-08
Ofi	W16	3 DMND	3 DmdSATR	VFD_Chill	5.86993E-05	0	3.04866E-08
Ofi	W01	3 DMND	9 NoSATR	VFD_Chill	0.000178636	0	6.32591E-08
Ofi	W02	3 DMND	9 NoSATR	VFD_Chill	0.000209915	0	7.03088E-08
Ofi	W03	3 DMND	9 NoSATR	VFD_Chill	0.000247316	0	6.99281E-08
Ofi	W04	3 DMND	9 NoSATR	VFD_Chill	0.000325341	0	7.71682E-08
Ofi	W05	3 DMND	9 NoSATR	VFD_Chill	0.000266573	0	7.24044E-08
Ofi	W06	3 DMND	9 NoSATR	VFD_Chill	0.000278937	0	7.18333E-08
Ofi	W07	3 DMND	9 NoSATR	VFD_Chill	0.000321569	0	8.1169E-08
Ofi	W08	3 DMND	9 NoSATR	VFD_Chill	0.000328205	0	8.23128E-08
Ofi	W09	3 DMND	9 NoSATR	VFD_Chill	0.000320934	0	7.86927E-08
Ofi	W10	3 DMND	9 NoSATR	VFD_Chill	0.00027868	0	7.37385E-08
Ofi	W11	3 DMND	9 NoSATR	VFD_Chill	0.000231745	0	6.66888E-08
Ofi	W12	3 DMND	9 NoSATR	VFD_Chill	0.000250608	0	6.36398E-08
Ofi	W13	3 DMND	9 NoSATR	VFD_Chill	0.000277394	0	5.9068E-08
Ofi	W14	3 DMND	9 NoSATR	VFD_Chill	0.000219758	0	5.6398E-08
Ofi	W15	3 DMND	9 NoSATR	VFD_Chill	0.000350327	0	7.86927E-08
Ofi	W16	3 DMND	9 NoSATR	VFD_Chill	0.000161367	0	7.12623E-08
Ofi	W01	3 DMND	9 OATSATR	VFD_Chill	0.000108207	0	5.56383E-08
Ofi	W02	3 DMND	9 OATSATR	VFD_Chill	0.000170765	0	7.04992E-08
Ofi	W03	3 DMND	9 OATSATR	VFD_Chill	0.000194224	0	7.10702E-08
Ofi	W04	3 DMND	9 OATSATR	VFD_Chill	0.000274907	0	7.69779E-08
Ofi	W05	3 DMND	9 OATSATR	VFD_Chill	0.000225931	0	7.18316E-08
Ofi	W06	3 DMND	9 OATSATR	VFD_Chill	0.000253095	0	7.2214E-08
Ofi	W07	3 DMND	9 OATSATR	VFD_Chill	0.000305003	0	8.25031E-08
Ofi	W08	3 DMND	9 OATSATR	VFD_Chill	0.000306546	0	8.25031E-08
Ofi	W09	3 DMND	9 OATSATR	VFD_Chill	0.000297269	0	7.86927E-08
Ofi	W10	3 DMND	9 OATSATR	VFD_Chill	0.000253592	0	7.37385E-08
Ofi	W11	3 DMND	9 OATSATR	VFD_Chill	0.00020549	0	6.66888E-08
Ofi	W12	3 DMND	9 OATSATR	VFD_Chill	0.000214733	0	6.34494E-08
Ofi	W13	3 DMND	9 OATSATR	VFD_Chill	0.000245584	0	5.92583E-08
Ofi	W14	3 DMND	9 OATSATR	VFD_Chill	0.000192938	0	5.659E-08
Ofi	W15	3 DMND	9 OATSATR	VFD_Chill	0.000338906	0	7.86927E-08
Ofi	W16	3 DMND	9 OATSATR	VFD_Chill	0.000133261	0	7.12606E-08
Ofi	W01	3 DMND	9 DmdSATR	VFD_Chill	9.63745E-05	0	5.659E-08
Ofi	W02	3 DMND	9 DmdSATR	VFD_Chill	0.000167232	0	7.08799E-08
Ofi	W03	3 DMND	9 DmdSATR	VFD_Chill	0.000175858	0	7.12606E-08
Ofi	W04	3 DMND	9 DmdSATR	VFD_Chill	0.000260143	0	7.67875E-08
Ofi	W05	3 DMND	9 DmdSATR	VFD_Chill	0.000206348	0	7.31658E-08
Ofi	W06	3 DMND	9 DmdSATR	VFD_Chill	0.0002361	0	7.24044E-08
Ofi	W07	3 DMND	9 DmdSATR	VFD_Chill	0.000284185	0	8.07883E-08
Ofi	W08	3 DMND	9 DmdSATR	VFD_Chill	0.000292468	0	8.15514E-08
Ofi	W09	3 DMND	9 DmdSATR	VFD_Chill	0.000286586	0	7.88831E-08
Ofi	W10	3 DMND	9 DmdSATR	VFD_Chill	0.000247676	0	7.31675E-08
Ofi	W11	3 DMND	9 DmdSATR	VFD_Chill	0.000202318	0	6.47836E-08
Ofi	W12	3 DMND	9 DmdSATR	VFD_Chill	0.000209074	0	6.32591E-08
Ofi	W13	3 DMND	9 DmdSATR	VFD_Chill	0.000242445	0	5.75418E-08
Ofi	W14	3 DMND	9 DmdSATR	VFD_Chill	0.000192029	0	5.52559E-08
Ofi	W15	3 DMND	9 DmdSATR	VFD_Chill	0.00033088	0	7.69779E-08
Ofi	W16	3 DMND	9 DmdSATR	VFD_Chill	0.000131923	0	7.03088E-08
Ofi	W01	3 DMND	3 NoSATR	No_VFD_Chill	2.33905E-05	0	8.3839E-09
Ofi	W02	3 DMND	3 NoSATR	No_VFD_Chill	2.81064E-05	0	1.04794E-08
Ofi	W03	3 DMND	3 NoSATR	No_VFD_Chill	3.3028E-05	0	1.08601E-08
Ofi	W04	3 DMND	3 NoSATR	No_VFD_Chill	4.19109E-05	0	1.39091E-08
Ofi	W05	3 DMND	3 NoSATR	No_VFD_Chill	3.46571E-05	0	1.02891E-08
Ofi	W06	3 DMND	3 NoSATR	No_VFD_Chill	3.67835E-05	0	1.06698E-08
Ofi	W07	3 DMND	3 NoSATR	No_VFD_Chill	4.11564E-05	0	1.18136E-08
Ofi	W08	3 DMND	3 NoSATR	No_VFD_Chill	4.18252E-05	0	1.18136E-08
Ofi	W09	3 DMND	3 NoSATR	No_VFD_Chill	4.24425E-05	0	1.35284E-08

## CHWST Reset db

Ofi	W10	3 DMND	3 NoSATR	No_VFD_Chill	3.72637E-05	0	1.18136E-08
Ofi	W11	3 DMND	3 NoSATR	No_VFD_Chill	3.0027E-05	0	1.16215E-08
Ofi	W12	3 DMND	3 NoSATR	No_VFD_Chill	3.1639E-05	0	1.16232E-08
Ofi	W13	3 DMND	3 NoSATR	No_VFD_Chill	3.69379E-05	0	1.23864E-08
Ofi	W14	3 DMND	3 NoSATR	No_VFD_Chill	3.00785E-05	0	1.12408E-08
Ofi	W15	3 DMND	3 NoSATR	No_VFD_Chill	4.54607E-05	0	1.29557E-08
Ofi	W16	3 DMND	3 NoSATR	No_VFD_Chill	2.12298E-05	0	1.08601E-08
Ofi	W01	3 DMND	3 OATSATR	No_VFD_Chill	1.43533E-05	0	7.62079E-09
Ofi	W02	3 DMND	3 OATSATR	No_VFD_Chill	2.33905E-05	0	1.06698E-08
Ofi	W03	3 DMND	3 OATSATR	No_VFD_Chill	2.58942E-05	0	1.10505E-08
Ofi	W04	3 DMND	3 OATSATR	No_VFD_Chill	3.59947E-05	0	1.39091E-08
Ofi	W05	3 DMND	3 OATSATR	No_VFD_Chill	3.00442E-05	0	1.02891E-08
Ofi	W06	3 DMND	3 OATSATR	No_VFD_Chill	3.33538E-05	0	1.04794E-08
Ofi	W07	3 DMND	3 OATSATR	No_VFD_Chill	3.99217E-05	0	1.2196E-08
Ofi	W08	3 DMND	3 OATSATR	No_VFD_Chill	3.98016E-05	0	1.18136E-08
Ofi	W09	3 DMND	3 OATSATR	No_VFD_Chill	3.97674E-05	0	1.37188E-08
Ofi	W10	3 DMND	3 OATSATR	No_VFD_Chill	3.33881E-05	0	1.18136E-08
Ofi	W11	3 DMND	3 OATSATR	No_VFD_Chill	2.70775E-05	0	1.16215E-08
Ofi	W12	3 DMND	3 OATSATR	No_VFD_Chill	2.86208E-05	0	1.14312E-08
Ofi	W13	3 DMND	3 OATSATR	No_VFD_Chill	3.31823E-05	0	1.23864E-08
Ofi	W14	3 DMND	3 OATSATR	No_VFD_Chill	2.64258E-05	0	1.12408E-08
Ofi	W15	3 DMND	3 OATSATR	No_VFD_Chill	4.43631E-05	0	1.29557E-08
Ofi	W16	3 DMND	3 OATSATR	No_VFD_Chill	1.72857E-05	0	1.10505E-08
Ofi	W01	3 DMND	3 DmdSATR	No_VFD_Chill	1.305E-05	0	7.43216E-09
Ofi	W02	3 DMND	3 DmdSATR	No_VFD_Chill	2.17271E-05	0	1.08601E-08
Ofi	W03	3 DMND	3 DmdSATR	No_VFD_Chill	2.30133E-05	0	1.12426E-08
Ofi	W04	3 DMND	3 DmdSATR	No_VFD_Chill	3.24964E-05	0	1.40995E-08
Ofi	W05	3 DMND	3 DmdSATR	No_VFD_Chill	2.73004E-05	0	1.06698E-08
Ofi	W06	3 DMND	3 DmdSATR	No_VFD_Chill	3.07815E-05	0	1.06698E-08
Ofi	W07	3 DMND	3 DmdSATR	No_VFD_Chill	3.60461E-05	0	1.21943E-08
Ofi	W08	3 DMND	3 DmdSATR	No_VFD_Chill	3.78982E-05	0	1.21943E-08
Ofi	W09	3 DMND	3 DmdSATR	No_VFD_Chill	3.77438E-05	0	1.40995E-08
Ofi	W10	3 DMND	3 DmdSATR	No_VFD_Chill	3.23421E-05	0	1.20039E-08
Ofi	W11	3 DMND	3 DmdSATR	No_VFD_Chill	2.73347E-05	0	1.18136E-08
Ofi	W12	3 DMND	3 DmdSATR	No_VFD_Chill	2.62886E-05	0	1.18119E-08
Ofi	W13	3 DMND	3 DmdSATR	No_VFD_Chill	3.21706E-05	0	1.23846E-08
Ofi	W14	3 DMND	3 DmdSATR	No_VFD_Chill	2.69231E-05	0	1.16215E-08
Ofi	W15	3 DMND	3 DmdSATR	No_VFD_Chill	4.29398E-05	0	1.31477E-08
Ofi	W16	3 DMND	3 DmdSATR	No_VFD_Chill	1.73543E-05	0	1.10505E-08
Ofi	W01	3 DMND	9 NoSATR	No_VFD_Chill	5.14626E-05	0	1.88633E-08
Ofi	W02	3 DMND	9 NoSATR	No_VFD_Chill	6.26263E-05	0	2.45789E-08
Ofi	W03	3 DMND	9 NoSATR	No_VFD_Chill	7.2178E-05	0	2.45789E-08
Ofi	W04	3 DMND	9 NoSATR	No_VFD_Chill	9.40595E-05	0	2.68648E-08
Ofi	W05	3 DMND	9 NoSATR	No_VFD_Chill	7.75283E-05	0	2.41982E-08
Ofi	W06	3 DMND	9 NoSATR	No_VFD_Chill	8.25871E-05	0	2.41982E-08
Ofi	W07	3 DMND	9 NoSATR	No_VFD_Chill	9.29448E-05	0	2.72472E-08
Ofi	W08	3 DMND	9 NoSATR	No_VFD_Chill	9.45911E-05	0	2.78183E-08
Ofi	W09	3 DMND	9 NoSATR	No_VFD_Chill	9.38194E-05	0	2.8199E-08
Ofi	W10	3 DMND	9 NoSATR	No_VFD_Chill	8.19012E-05	0	2.61034E-08
Ofi	W11	3 DMND	9 NoSATR	No_VFD_Chill	6.81995E-05	0	2.41982E-08
Ofi	W12	3 DMND	9 NoSATR	No_VFD_Chill	7.25724E-05	0	2.1722E-08
Ofi	W13	3 DMND	9 NoSATR	No_VFD_Chill	8.15068E-05	0	2.11509E-08
Ofi	W14	3 DMND	9 NoSATR	No_VFD_Chill	6.74622E-05	0	2.05782E-08
Ofi	W15	3 DMND	9 NoSATR	No_VFD_Chill	0.000103645	0	2.72472E-08
Ofi	W16	3 DMND	9 NoSATR	No_VFD_Chill	4.66953E-05	0	2.43886E-08
Ofi	W01	3 DMND	9 OATSATR	No_VFD_Chill	3.2102E-05	0	1.71485E-08
Ofi	W02	3 DMND	9 OATSATR	No_VFD_Chill	5.14455E-05	0	2.47693E-08
Ofi	W03	3 DMND	9 OATSATR	No_VFD_Chill	5.72588E-05	0	2.53403E-08
Ofi	W04	3 DMND	9 OATSATR	No_VFD_Chill	7.96033E-05	0	2.66762E-08
Ofi	W05	3 DMND	9 OATSATR	No_VFD_Chill	6.68448E-05	0	2.38175E-08
Ofi	W06	3 DMND	9 OATSATR	No_VFD_Chill	7.45273E-05	0	2.40079E-08
Ofi	W07	3 DMND	9 OATSATR	No_VFD_Chill	8.88635E-05	0	2.782E-08
Ofi	W08	3 DMND	9 OATSATR	No_VFD_Chill	8.95151E-05	0	2.80103E-08
Ofi	W09	3 DMND	9 OATSATR	No_VFD_Chill	8.81261E-05	0	2.8199E-08
Ofi	W10	3 DMND	9 OATSATR	No_VFD_Chill	7.53162E-05	0	2.61034E-08
Ofi	W11	3 DMND	9 OATSATR	No_VFD_Chill	6.09114E-05	0	2.41982E-08
Ofi	W12	3 DMND	9 OATSATR	No_VFD_Chill	6.27635E-05	0	2.17203E-08
Ofi	W13	3 DMND	9 OATSATR	No_VFD_Chill	7.25038E-05	0	2.11509E-08
Ofi	W14	3 DMND	9 OATSATR	No_VFD_Chill	5.91623E-05	0	2.07685E-08
Ofi	W15	3 DMND	9 OATSATR	No_VFD_Chill	0.000100679	0	2.72472E-08
Ofi	W16	3 DMND	9 OATSATR	No_VFD_Chill	3.87899E-05	0	2.43886E-08
Ofi	W01	3 DMND	9 DmdSATR	No_VFD_Chill	2.58428E-05	0	1.71485E-08
Ofi	W02	3 DMND	9 DmdSATR	No_VFD_Chill	4.88561E-05	0	2.53403E-08
Ofi	W03	3 DMND	9 DmdSATR	No_VFD_Chill	5.01936E-05	0	2.51517E-08
Ofi	W04	3 DMND	9 DmdSATR	No_VFD_Chill	7.36528E-05	0	2.68665E-08
Ofi	W05	3 DMND	9 DmdSATR	No_VFD_Chill	5.96082E-05	0	2.49613E-08
Ofi	W06	3 DMND	9 DmdSATR	No_VFD_Chill	6.92628E-05	0	2.47693E-08
Ofi	W07	3 DMND	9 DmdSATR	No_VFD_Chill	8.08551E-05	0	2.74376E-08
Ofi	W08	3 DMND	9 DmdSATR	No_VFD_Chill	8.53137E-05	0	2.8199E-08
Ofi	W09	3 DMND	9 DmdSATR	No_VFD_Chill	8.38904E-05	0	2.89621E-08
Ofi	W10	3 DMND	9 DmdSATR	No_VFD_Chill	7.35842E-05	0	2.62938E-08
Ofi	W11	3 DMND	9 DmdSATR	No_VFD_Chill	5.94195E-05	0	2.36272E-08
Ofi	W12	3 DMND	9 DmdSATR	No_VFD_Chill	6.02084E-05	0	2.2293E-08
Ofi	W13	3 DMND	9 DmdSATR	No_VFD_Chill	7.08576E-05	0	2.05782E-08
Ofi	W14	3 DMND	9 DmdSATR	No_VFD_Chill	5.87164E-05	0	2.05782E-08
Ofi	W15	3 DMND	9 DmdSATR	No_VFD_Chill	9.65975E-05	0	2.68665E-08
Ofi	W16	3 DMND	9 DmdSATR	No_VFD_Chill	3.83269E-05	0	2.41982E-08
Ofi	W01	5 DMND	3 NoSATR	VFD_Chill	6.42554E-05	0	2.19123E-08
Ofi	W02	5 DMND	3 NoSATR	VFD_Chill	7.40643E-05	0	1.94344E-08
Ofi	W03	5 DMND	3 NoSATR	VFD_Chill	8.98409E-05	0	2.11492E-08
Ofi	W04	5 DMND	3 NoSATR	VFD_Chill	0.00012268	0	2.91524E-08
Ofi	W05	5 DMND	3 NoSATR	VFD_Chill	9.72319E-05	0	2.26737E-08
Ofi	W06	5 DMND	3 NoSATR	VFD_Chill	0.000100199	0	2.28641E-08
Ofi	W07	5 DMND	3 NoSATR	VFD_Chill	0.000121	0	2.74376E-08
Ofi	W08	5 DMND	3 NoSATR	VFD_Chill	0.000123829	0	2.72472E-08
Ofi	W09	5 DMND	3 NoSATR	VFD_Chill	0.000118205	0	2.61034E-08
Ofi	W10	5 DMND	3 NoSATR	VFD_Chill	0.000101776	0	2.32448E-08
Ofi	W11	5 DMND	3 NoSATR	VFD_Chill	8.29644E-05	0	2.05782E-08

## CHWST Reset db

Ofi	W12	5 DMND	3 NoSATR	VFD_Chill	9.24818E-05	0	2.24834E-08
Ofi	W13	5 DMND	3 NoSATR	VFD_Chill	0.000103697	0	2.26737E-08
Ofi	W14	5 DMND	3 NoSATR	VFD_Chill	7.62422E-05	0	1.84826E-08
Ofi	W15	5 DMND	3 NoSATR	VFD_Chill	0.000132798	0	2.89621E-08
Ofi	W16	5 DMND	3 NoSATR	VFD_Chill	5.98654E-05	0	2.30544E-08
Ofi	W01	5 DMND	3 OATSATR	VFD_Chill	3.83097E-05	0	1.9244E-08
Ofi	W02	5 DMND	3 OATSATR	VFD_Chill	5.9471E-05	0	1.92458E-08
Ofi	W03	5 DMND	3 OATSATR	VFD_Chill	6.93485E-05	0	2.11492E-08
Ofi	W04	5 DMND	3 OATSATR	VFD_Chill	0.000102874	0	2.91524E-08
Ofi	W05	5 DMND	3 OATSATR	VFD_Chill	8.15925E-05	0	2.26737E-08
Ofi	W06	5 DMND	3 OATSATR	VFD_Chill	9.06298E-05	0	2.34351E-08
Ofi	W07	5 DMND	3 OATSATR	VFD_Chill	0.000113677	0	2.74376E-08
Ofi	W08	5 DMND	3 OATSATR	VFD_Chill	0.000113352	0	2.72472E-08
Ofi	W09	5 DMND	3 OATSATR	VFD_Chill	0.000108481	0	2.59131E-08
Ofi	W10	5 DMND	3 OATSATR	VFD_Chill	9.16244E-05	0	2.30561E-08
Ofi	W11	5 DMND	3 OATSATR	VFD_Chill	7.23838E-05	0	2.05782E-08
Ofi	W12	5 DMND	3 OATSATR	VFD_Chill	7.80256E-05	0	2.24834E-08
Ofi	W13	5 DMND	3 OATSATR	VFD_Chill	9.10242E-05	0	2.24834E-08
Ofi	W14	5 DMND	3 OATSATR	VFD_Chill	6.68448E-05	0	1.82923E-08
Ofi	W15	5 DMND	3 OATSATR	VFD_Chill	0.000127893	0	2.89621E-08
Ofi	W16	5 DMND	3 OATSATR	VFD_Chill	4.90961E-05	0	2.32448E-08
Ofi	W01	5 DMND	3 DmdSATR	VFD_Chill	3.33367E-05	0	1.8673E-08
Ofi	W02	5 DMND	3 DmdSATR	VFD_Chill	5.72074E-05	0	1.94344E-08
Ofi	W03	5 DMND	3 DmdSATR	VFD_Chill	6.02769E-05	0	2.15299E-08
Ofi	W04	5 DMND	3 DmdSATR	VFD_Chill	9.562E-05	0	2.93428E-08
Ofi	W05	5 DMND	3 DmdSATR	VFD_Chill	7.1595E-05	0	2.26737E-08
Ofi	W06	5 DMND	3 DmdSATR	VFD_Chill	8.19012E-05	0	2.32465E-08
Ofi	W07	5 DMND	3 DmdSATR	VFD_Chill	0.000103131	0	2.76279E-08
Ofi	W08	5 DMND	3 DmdSATR	VFD_Chill	0.000106355	0	2.70569E-08
Ofi	W09	5 DMND	3 DmdSATR	VFD_Chill	0.000101553	0	2.62938E-08
Ofi	W10	5 DMND	3 DmdSATR	VFD_Chill	8.72858E-05	0	2.32448E-08
Ofi	W11	5 DMND	3 DmdSATR	VFD_Chill	7.02917E-05	0	2.03878E-08
Ofi	W12	5 DMND	3 DmdSATR	VFD_Chill	7.50932E-05	0	2.2293E-08
Ofi	W13	5 DMND	3 DmdSATR	VFD_Chill	8.84691E-05	0	2.2101E-08
Ofi	W14	5 DMND	3 DmdSATR	VFD_Chill	6.56616E-05	0	1.82923E-08
Ofi	W15	5 DMND	3 DmdSATR	VFD_Chill	0.000124412	0	2.87717E-08
Ofi	W16	5 DMND	3 DmdSATR	VFD_Chill	4.76042E-05	0	2.32465E-08
Ofi	W01	5 DMND	9 NoSATR	VFD_Chill	0.000153788	0	5.12551E-08
Ofi	W02	5 DMND	9 NoSATR	VFD_Chill	0.000176286	0	4.0774E-08
Ofi	W03	5 DMND	9 NoSATR	VFD_Chill	0.000210275	0	3.9415E-08
Ofi	W04	5 DMND	9 NoSATR	VFD_Chill	0.000276777	0	4.30616E-08
Ofi	W05	5 DMND	9 NoSATR	VFD_Chill	0.000228881	0	5.20165E-08
Ofi	W06	5 DMND	9 NoSATR	VFD_Chill	0.000229567	0	4.83965E-08
Ofi	W07	5 DMND	9 NoSATR	VFD_Chill	0.000277617	0	5.48752E-08
Ofi	W08	5 DMND	9 NoSATR	VFD_Chill	0.000281835	0	5.48752E-08
Ofi	W09	5 DMND	9 NoSATR	VFD_Chill	0.000265613	0	4.32519E-08
Ofi	W10	5 DMND	9 NoSATR	VFD_Chill	0.000233974	0	4.3823E-08
Ofi	W11	5 DMND	9 NoSATR	VFD_Chill	0.000194704	0	3.4297E-08
Ofi	W12	5 DMND	9 NoSATR	VFD_Chill	0.000208697	0	3.44873E-08
Ofi	W13	5 DMND	9 NoSATR	VFD_Chill	0.00022756	0	2.8199E-08
Ofi	W14	5 DMND	9 NoSATR	VFD_Chill	0.000176149	0	2.4771E-08
Ofi	W15	5 DMND	9 NoSATR	VFD_Chill	0.000293068	0	4.74447E-08
Ofi	W16	5 DMND	9 NoSATR	VFD_Chill	0.000140206	0	4.36326E-08
Ofi	W01	5 DMND	9 OATSATR	VFD_Chill	9.32706E-05	0	4.61106E-08
Ofi	W02	5 DMND	9 OATSATR	VFD_Chill	0.000142555	0	4.05853E-08
Ofi	W03	5 DMND	9 OATSATR	VFD_Chill	0.000165483	0	4.02029E-08
Ofi	W04	5 DMND	9 OATSATR	VFD_Chill	0.000235123	0	4.28712E-08
Ofi	W05	5 DMND	9 OATSATR	VFD_Chill	0.000194121	0	5.14455E-08
Ofi	W06	5 DMND	9 OATSATR	VFD_Chill	0.000213224	0	5.18262E-08
Ofi	W07	5 DMND	9 OATSATR	VFD_Chill	0.000264807	0	5.54462E-08
Ofi	W08	5 DMND	9 OATSATR	VFD_Chill	0.000263212	0	5.48752E-08
Ofi	W09	5 DMND	9 OATSATR	VFD_Chill	0.000246132	0	4.32519E-08
Ofi	W10	5 DMND	9 OATSATR	VFD_Chill	0.000212436	0	4.28712E-08
Ofi	W11	5 DMND	9 OATSATR	VFD_Chill	0.000170473	0	3.4297E-08
Ofi	W12	5 DMND	9 OATSATR	VFD_Chill	0.00017735	0	3.4297E-08
Ofi	W13	5 DMND	9 OATSATR	VFD_Chill	0.000199283	0	2.8199E-08
Ofi	W14	5 DMND	9 OATSATR	VFD_Chill	0.000153273	0	2.45789E-08
Ofi	W15	5 DMND	9 OATSATR	VFD_Chill	0.00028259	0	4.74447E-08
Ofi	W16	5 DMND	9 OATSATR	VFD_Chill	0.000115306	0	4.43957E-08
Ofi	W01	5 DMND	9 DmdSATR	VFD_Chill	8.24842E-05	0	4.61106E-08
Ofi	W02	5 DMND	9 DmdSATR	VFD_Chill	0.000139777	0	4.05853E-08
Ofi	W03	5 DMND	9 DmdSATR	VFD_Chill	0.000147168	0	4.17274E-08
Ofi	W04	5 DMND	9 DmdSATR	VFD_Chill	0.000221833	0	4.36343E-08
Ofi	W05	5 DMND	9 DmdSATR	VFD_Chill	0.0001744	0	5.41121E-08
Ofi	W06	5 DMND	9 DmdSATR	VFD_Chill	0.000195424	0	5.06841E-08
Ofi	W07	5 DMND	9 DmdSATR	VFD_Chill	0.000245721	0	5.54462E-08
Ofi	W08	5 DMND	9 DmdSATR	VFD_Chill	0.000250608	0	5.33524E-08
Ofi	W09	5 DMND	9 DmdSATR	VFD_Chill	0.000238484	0	4.30616E-08
Ofi	W10	5 DMND	9 DmdSATR	VFD_Chill	0.000207034	0	4.19178E-08
Ofi	W11	5 DMND	9 DmdSATR	VFD_Chill	0.000168021	0	3.1819E-08
Ofi	W12	5 DMND	9 DmdSATR	VFD_Chill	0.000174795	0	3.37259E-08
Ofi	W13	5 DMND	9 DmdSATR	VFD_Chill	0.000198014	0	2.72455E-08
Ofi	W14	5 DMND	9 DmdSATR	VFD_Chill	0.000153925	0	2.2293E-08
Ofi	W15	5 DMND	9 DmdSATR	VFD_Chill	0.000278371	0	4.51588E-08
Ofi	W16	5 DMND	9 DmdSATR	VFD_Chill	0.000113849	0	4.28712E-08
Ofi	W01	5 DMND	3 NoSATR	No_VFD_Chill	1.79373E-05	0	5.90766E-09
Ofi	W02	5 DMND	3 NoSATR	No_VFD_Chill	2.04582E-05	0	5.52524E-09
Ofi	W03	5 DMND	3 NoSATR	No_VFD_Chill	2.44195E-05	0	5.3349E-09
Ofi	W04	5 DMND	3 NoSATR	No_VFD_Chill	3.3148E-05	0	7.24009E-09
Ofi	W05	5 DMND	3 NoSATR	No_VFD_Chill	2.60486E-05	0	6.28664E-09
Ofi	W06	5 DMND	3 NoSATR	No_VFD_Chill	2.67002E-05	0	6.28835E-09
Ofi	W07	5 DMND	3 NoSATR	No_VFD_Chill	3.1879E-05	0	7.43216E-09
Ofi	W08	5 DMND	3 NoSATR	No_VFD_Chill	3.33024E-05	0	7.6225E-09
Ofi	W09	5 DMND	3 NoSATR	No_VFD_Chill	3.11417E-05	0	6.8594E-09
Ofi	W10	5 DMND	3 NoSATR	No_VFD_Chill	2.77634E-05	0	6.4787E-09
Ofi	W11	5 DMND	3 NoSATR	No_VFD_Chill	2.24817E-05	0	5.52524E-09
Ofi	W12	5 DMND	3 NoSATR	No_VFD_Chill	2.49168E-05	0	5.52696E-09
Ofi	W13	5 DMND	3 NoSATR	No_VFD_Chill	2.75576E-05	0	5.71559E-09

## CHWST Reset db

Ofi	W14	5 DMND	3 NoSATR	No_VFD_Chill	2.06639E-05	0	4.38315E-09
Ofi	W15	5 DMND	3 NoSATR	No_VFD_Chill	3.52916E-05	0	8.0032E-09
Ofi	W16	5 DMND	3 NoSATR	No_VFD_Chill	1.62911E-05	0	6.28835E-09
Ofi	W01	5 DMND	3 OATSATR	No_VFD_Chill	1.07007E-05	0	5.52524E-09
Ofi	W02	5 DMND	3 OATSATR	No_VFD_Chill	1.65826E-05	0	5.3349E-09
Ofi	W03	5 DMND	3 OATSATR	No_VFD_Chill	1.91549E-05	0	5.52524E-09
Ofi	W04	5 DMND	3 OATSATR	No_VFD_Chill	2.77291E-05	0	7.24009E-09
Ofi	W05	5 DMND	3 OATSATR	No_VFD_Chill	2.27389E-05	0	6.28835E-09
Ofi	W06	5 DMND	3 OATSATR	No_VFD_Chill	2.51054E-05	0	6.66905E-09
Ofi	W07	5 DMND	3 OATSATR	No_VFD_Chill	3.11245E-05	0	7.43044E-09
Ofi	W08	5 DMND	3 OATSATR	No_VFD_Chill	3.06787E-05	0	7.6225E-09
Ofi	W09	5 DMND	3 OATSATR	No_VFD_Chill	2.89124E-05	0	6.66905E-09
Ofi	W10	5 DMND	3 OATSATR	No_VFD_Chill	2.50539E-05	0	6.4787E-09
Ofi	W11	5 DMND	3 OATSATR	No_VFD_Chill	1.96865E-05	0	5.71731E-09
Ofi	W12	5 DMND	3 OATSATR	No_VFD_Chill	2.05267E-05	0	5.71731E-09
Ofi	W13	5 DMND	3 OATSATR	No_VFD_Chill	2.39736E-05	0	5.71559E-09
Ofi	W14	5 DMND	3 OATSATR	No_VFD_Chill	1.85375E-05	0	4.38315E-09
Ofi	W15	5 DMND	3 OATSATR	No_VFD_Chill	3.42284E-05	0	8.0032E-09
Ofi	W16	5 DMND	3 OATSATR	No_VFD_Chill	1.3393E-05	0	6.4787E-09
Ofi	W01	5 DMND	3 DmdSATR	No_VFD_Chill	9.26019E-06	0	5.14455E-09
Ofi	W02	5 DMND	3 DmdSATR	No_VFD_Chill	1.58967E-05	0	5.52524E-09
Ofi	W03	5 DMND	3 DmdSATR	No_VFD_Chill	1.62396E-05	0	5.90766E-09
Ofi	W04	5 DMND	3 DmdSATR	No_VFD_Chill	2.61686E-05	0	7.81285E-09
Ofi	W05	5 DMND	3 DmdSATR	No_VFD_Chill	1.96007E-05	0	6.66905E-09
Ofi	W06	5 DMND	3 DmdSATR	No_VFD_Chill	2.26189E-05	0	6.66905E-09
Ofi	W07	5 DMND	3 DmdSATR	No_VFD_Chill	2.81407E-05	0	8.0032E-09
Ofi	W08	5 DMND	3 DmdSATR	No_VFD_Chill	2.90667E-05	0	7.81114E-09
Ofi	W09	5 DMND	3 DmdSATR	No_VFD_Chill	2.68717E-05	0	6.8594E-09
Ofi	W10	5 DMND	3 DmdSATR	No_VFD_Chill	2.40422E-05	0	6.4787E-09
Ofi	W11	5 DMND	3 DmdSATR	No_VFD_Chill	1.91034E-05	0	5.3349E-09
Ofi	W12	5 DMND	3 DmdSATR	No_VFD_Chill	1.9858E-05	0	5.71559E-09
Ofi	W13	5 DMND	3 DmdSATR	No_VFD_Chill	2.35792E-05	0	5.52524E-09
Ofi	W14	5 DMND	3 DmdSATR	No_VFD_Chill	1.82117E-05	0	4.38144E-09
Ofi	W15	5 DMND	3 DmdSATR	No_VFD_Chill	3.3611E-05	0	7.81285E-09
Ofi	W16	5 DMND	3 DmdSATR	No_VFD_Chill	1.29471E-05	0	6.66905E-09
Ofi	W01	5 DMND	9 NoSATR	No_VFD_Chill	4.11049E-05	0	1.02891E-08
Ofi	W02	5 DMND	9 NoSATR	No_VFD_Chill	4.32485E-05	0	5.71559E-09
Ofi	W03	5 DMND	9 NoSATR	No_VFD_Chill	5.15655E-05	0	5.71559E-09
Ofi	W04	5 DMND	9 NoSATR	No_VFD_Chill	6.68791E-05	0	8.38218E-09
Ofi	W05	5 DMND	9 NoSATR	No_VFD_Chill	5.51153E-05	0	8.95494E-09
Ofi	W06	5 DMND	9 NoSATR	No_VFD_Chill	5.19942E-05	0	9.5277E-09
Ofi	W07	5 DMND	9 NoSATR	No_VFD_Chill	6.46327E-05	0	1.10522E-08
Ofi	W08	5 DMND	9 NoSATR	No_VFD_Chill	6.53529E-05	0	1.23846E-08
Ofi	W09	5 DMND	9 NoSATR	No_VFD_Chill	5.91623E-05	0	8.3839E-09
Ofi	W10	5 DMND	9 NoSATR	No_VFD_Chill	5.42407E-05	0	9.33735E-09
Ofi	W11	5 DMND	9 NoSATR	No_VFD_Chill	4.6541E-05	0	6.66733E-09
Ofi	W12	5 DMND	9 NoSATR	No_VFD_Chill	4.91819E-05	0	6.4787E-09
Ofi	W13	5 DMND	9 NoSATR	No_VFD_Chill	5.36233E-05	0	6.28835E-09
Ofi	W14	5 DMND	9 NoSATR	No_VFD_Chill	4.14651E-05	0	5.3349E-09
Ofi	W15	5 DMND	9 NoSATR	No_VFD_Chill	6.86454E-05	0	1.08601E-08
Ofi	W16	5 DMND	9 NoSATR	No_VFD_Chill	3.51716E-05	0	8.76459E-09
Ofi	W01	5 DMND	9 OATSATR	No_VFD_Chill	2.50882E-05	0	1.08601E-08
Ofi	W02	5 DMND	9 OATSATR	No_VFD_Chill	3.488E-05	0	5.71559E-09
Ofi	W03	5 DMND	9 OATSATR	No_VFD_Chill	4.22024E-05	0	6.28835E-09
Ofi	W04	5 DMND	9 OATSATR	No_VFD_Chill	5.73789E-05	0	8.57425E-09
Ofi	W05	5 DMND	9 OATSATR	No_VFD_Chill	4.88218E-05	0	8.19355E-09
Ofi	W06	5 DMND	9 OATSATR	No_VFD_Chill	5.22686E-05	0	1.12408E-08
Ofi	W07	5 DMND	9 OATSATR	No_VFD_Chill	6.50614E-05	0	1.12426E-08
Ofi	W08	5 DMND	9 OATSATR	No_VFD_Chill	6.35866E-05	0	1.23864E-08
Ofi	W09	5 DMND	9 OATSATR	No_VFD_Chill	5.67615E-05	0	8.3839E-09
Ofi	W10	5 DMND	9 OATSATR	No_VFD_Chill	4.9885E-05	0	8.3839E-09
Ofi	W11	5 DMND	9 OATSATR	No_VFD_Chill	4.03504E-05	0	6.66905E-09
Ofi	W12	5 DMND	9 OATSATR	No_VFD_Chill	4.11907E-05	0	6.4787E-09
Ofi	W13	5 DMND	9 OATSATR	No_VFD_Chill	4.62495E-05	0	6.28835E-09
Ofi	W14	5 DMND	9 OATSATR	No_VFD_Chill	3.56003E-05	0	5.14455E-09
Ofi	W15	5 DMND	9 OATSATR	No_VFD_Chill	6.68791E-05	0	1.08601E-08
Ofi	W16	5 DMND	9 OATSATR	No_VFD_Chill	2.88266E-05	0	9.33735E-09
Ofi	W01	5 DMND	9 DmdSATR	No_VFD_Chill	2.17443E-05	0	9.71634E-09
Ofi	W02	5 DMND	9 DmdSATR	No_VFD_Chill	3.488E-05	0	6.098E-09
Ofi	W03	5 DMND	9 DmdSATR	No_VFD_Chill	3.66978E-05	0	7.24181E-09
Ofi	W04	5 DMND	9 DmdSATR	No_VFD_Chill	5.40006E-05	0	9.33564E-09
Ofi	W05	5 DMND	9 DmdSATR	No_VFD_Chill	4.33171E-05	0	1.10505E-08
Ofi	W06	5 DMND	9 DmdSATR	No_VFD_Chill	4.76385E-05	0	1.12426E-08
Ofi	W07	5 DMND	9 DmdSATR	No_VFD_Chill	6.09972E-05	0	1.2575E-08
Ofi	W08	5 DMND	9 DmdSATR	No_VFD_Chill	6.17003E-05	0	1.2575E-08
Ofi	W09	5 DMND	9 DmdSATR	No_VFD_Chill	5.5664E-05	0	8.95494E-09
Ofi	W10	5 DMND	9 DmdSATR	No_VFD_Chill	4.97135E-05	0	8.57425E-09
Ofi	W11	5 DMND	9 DmdSATR	No_VFD_Chill	4.02132E-05	0	5.90766E-09
Ofi	W12	5 DMND	9 DmdSATR	No_VFD_Chill	4.22539E-05	0	6.8594E-09
Ofi	W13	5 DMND	9 DmdSATR	No_VFD_Chill	4.77757E-05	0	6.28835E-09
Ofi	W14	5 DMND	9 DmdSATR	No_VFD_Chill	3.70407E-05	0	4.38144E-09
Ofi	W15	5 DMND	9 DmdSATR	No_VFD_Chill	6.70849E-05	0	1.02891E-08
Ofi	W16	5 DMND	9 DmdSATR	No_VFD_Chill	2.90324E-05	0	9.14529E-09
Hsp	W01	75 DMND	3 NoSATR	VFD_Chill	0.000128591	0	1.86843E-08
Hsp	W02	75 DMND	3 NoSATR	VFD_Chill	0.000139231	0	2.16722E-08
Hsp	W03	75 DMND	3 NoSATR	VFD_Chill	0.000157259	0	2.15747E-08
Hsp	W04	75 DMND	3 NoSATR	VFD_Chill	0.000187256	0	2.55143E-08
Hsp	W05	75 DMND	3 NoSATR	VFD_Chill	0.000157584	0	2.06201E-08
Hsp	W06	75 DMND	3 NoSATR	VFD_Chill	0.000178183	0	2.16397E-08
Hsp	W07	75 DMND	3 NoSATR	VFD_Chill	0.000211373	0	2.54493E-08
Hsp	W08	75 DMND	3 NoSATR	VFD_Chill	0.000191069	0	2.28219E-08
Hsp	W09	75 DMND	3 NoSATR	VFD_Chill	0.000200408	0	2.53488E-08
Hsp	W10	75 DMND	3 NoSATR	VFD_Chill	0.000167721	0	2.31499E-08
Hsp	W11	75 DMND	3 NoSATR	VFD_Chill	0.000150905	0	2.32829E-08
Hsp	W12	75 DMND	3 NoSATR	VFD_Chill	0.00016184	0	2.33805E-08
Hsp	W13	75 DMND	3 NoSATR	VFD_Chill	0.000179247	0	2.50237E-08
Hsp	W14	75 DMND	3 NoSATR	VFD_Chill	0.000149634	0	2.30849E-08
Hsp	W15	75 DMND	3 NoSATR	VFD_Chill	0.000197955	0	1.30689E-08



## CHWST Reset db

Hsp	W16	75	DMND	3	NoSATR	VFD_Chill	0.000118897	0	2.18702E-08
Hsp	W01	75	DMND	3	OATSATR	VFD_Chill	0.000119991	0	1.89798E-08
Hsp	W02	75	DMND	3	OATSATR	VFD_Chill	0.000132049	0	2.11136E-08
Hsp	W03	75	DMND	3	OATSATR	VFD_Chill	0.000146442	0	2.09186E-08
Hsp	W04	75	DMND	3	OATSATR	VFD_Chill	0.000174666	0	2.52867E-08
Hsp	W05	75	DMND	3	OATSATR	VFD_Chill	0.000147388	0	2.049E-08
Hsp	W06	75	DMND	3	OATSATR	VFD_Chill	0.00016976	0	2.13471E-08
Hsp	W07	75	DMND	3	OATSATR	VFD_Chill	0.000203925	0	2.52542E-08
Hsp	W08	75	DMND	3	OATSATR	VFD_Chill	0.000183799	0	2.27243E-08
Hsp	W09	75	DMND	3	OATSATR	VFD_Chill	0.000192192	0	2.50887E-08
Hsp	W10	75	DMND	3	OATSATR	VFD_Chill	0.000162253	0	2.26889E-08
Hsp	W11	75	DMND	3	OATSATR	VFD_Chill	0.000145378	0	2.26593E-08
Hsp	W12	75	DMND	3	OATSATR	VFD_Chill	0.00015253	0	2.29874E-08
Hsp	W13	75	DMND	3	OATSATR	VFD_Chill	0.000172804	0	2.47281E-08
Hsp	W14	75	DMND	3	OATSATR	VFD_Chill	0.000145023	0	2.27894E-08
Hsp	W15	75	DMND	3	OATSATR	VFD_Chill	0.000192694	0	1.28709E-08
Hsp	W16	75	DMND	3	OATSATR	VFD_Chill	0.000115232	0	2.17077E-08
Hsp	W01	75	DMND	3	DmdSATR	VFD_Chill	0.000121321	0	1.90478E-08
Hsp	W02	75	DMND	3	DmdSATR	VFD_Chill	0.000132285	0	2.10486E-08
Hsp	W03	75	DMND	3	DmdSATR	VFD_Chill	0.000146058	0	2.07856E-08
Hsp	W04	75	DMND	3	DmdSATR	VFD_Chill	0.000172479	0	2.52867E-08
Hsp	W05	75	DMND	3	DmdSATR	VFD_Chill	0.000147535	0	2.0428E-08
Hsp	W06	75	DMND	3	DmdSATR	VFD_Chill	0.000169731	0	2.13767E-08
Hsp	W07	75	DMND	3	DmdSATR	VFD_Chill	0.000203009	0	2.52542E-08
Hsp	W08	75	DMND	3	DmdSATR	VFD_Chill	0.000183385	0	2.26593E-08
Hsp	W09	75	DMND	3	DmdSATR	VFD_Chill	0.000191128	0	2.50562E-08
Hsp	W10	75	DMND	3	DmdSATR	VFD_Chill	0.000161958	0	2.26918E-08
Hsp	W11	75	DMND	3	DmdSATR	VFD_Chill	0.00014588	0	2.26268E-08
Hsp	W12	75	DMND	3	DmdSATR	VFD_Chill	0.000151821	0	2.29844E-08
Hsp	W13	75	DMND	3	DmdSATR	VFD_Chill	0.000173011	0	2.46956E-08
Hsp	W14	75	DMND	3	DmdSATR	VFD_Chill	0.000145496	0	2.28219E-08
Hsp	W15	75	DMND	3	DmdSATR	VFD_Chill	0.000193877	0	1.28384E-08
Hsp	W16	75	DMND	3	DmdSATR	VFD_Chill	0.000115439	0	2.16722E-08
Hsp	W01	75	DMND	9	NoSATR	VFD_Chill	0.000284136	0	4.46596E-08
Hsp	W02	75	DMND	9	NoSATR	VFD_Chill	0.000309139	0	4.45621E-08
Hsp	W03	75	DMND	9	NoSATR	VFD_Chill	0.000352347	0	4.96838E-08
Hsp	W04	75	DMND	9	NoSATR	VFD_Chill	0.000410126	0	3.12626E-08
Hsp	W05	75	DMND	9	NoSATR	VFD_Chill	0.000356958	0	5.10965E-08
Hsp	W06	75	DMND	9	NoSATR	VFD_Chill	0.000406402	0	5.0866E-08
Hsp	W07	75	DMND	9	NoSATR	VFD_Chill	0.000477126	0	5.58252E-08
Hsp	W08	75	DMND	9	NoSATR	VFD_Chill	0.000436134	0	5.62833E-08
Hsp	W09	75	DMND	9	NoSATR	VFD_Chill	0.000447955	0	4.51502E-08
Hsp	W10	75	DMND	9	NoSATR	VFD_Chill	0.000381163	0	4.58418E-08
Hsp	W11	75	DMND	9	NoSATR	VFD_Chill	0.000342358	0	4.24607E-08
Hsp	W12	75	DMND	9	NoSATR	VFD_Chill	0.000359617	0	3.90443E-08
Hsp	W13	75	DMND	9	NoSATR	VFD_Chill	0.000394787	0	3.62868E-08
Hsp	W14	75	DMND	9	NoSATR	VFD_Chill	0.000338191	0	3.4085E-08
Hsp	W15	75	DMND	9	NoSATR	VFD_Chill	0.000428538	0	1.36955E-08
Hsp	W16	75	DMND	9	NoSATR	VFD_Chill	0.000263388	0	5.0405E-08
Hsp	W01	75	DMND	9	OATSATR	VFD_Chill	0.000256295	0	4.36075E-08
Hsp	W02	75	DMND	9	OATSATR	VFD_Chill	0.00028978	0	4.99144E-08
Hsp	W03	75	DMND	9	OATSATR	VFD_Chill	0.000320192	0	5.23762E-08
Hsp	W04	75	DMND	9	OATSATR	VFD_Chill	0.000391891	0	5.38865E-08
Hsp	W05	75	DMND	9	OATSATR	VFD_Chill	0.000324448	0	5.00769E-08
Hsp	W06	75	DMND	9	OATSATR	VFD_Chill	0.00038001	0	5.18206E-08
Hsp	W07	75	DMND	9	OATSATR	VFD_Chill	0.000457915	0	6.24927E-08
Hsp	W08	75	DMND	9	OATSATR	VFD_Chill	0.000418638	0	5.71729E-08
Hsp	W09	75	DMND	9	OATSATR	VFD_Chill	0.000433651	0	5.42825E-08
Hsp	W10	75	DMND	9	OATSATR	VFD_Chill	0.000367213	0	5.48706E-08
Hsp	W11	75	DMND	9	OATSATR	VFD_Chill	0.000326989	0	5.0538E-08
Hsp	W12	75	DMND	9	OATSATR	VFD_Chill	0.000338811	0	4.90277E-08
Hsp	W13	75	DMND	9	OATSATR	VFD_Chill	0.00038553	0	4.07525E-08
Hsp	W14	75	DMND	9	OATSATR	VFD_Chill	0.000325807	0	3.36595E-08
Hsp	W15	75	DMND	9	OATSATR	VFD_Chill	0.00042712	0	1.33645E-08
Hsp	W16	75	DMND	9	OATSATR	VFD_Chill	0.000253044	0	5.31003E-08
Hsp	W01	75	DMND	9	DmdSATR	VFD_Chill	0.000257389	0	4.34774E-08
Hsp	W02	75	DMND	9	DmdSATR	VFD_Chill	0.00028851	0	4.93233E-08
Hsp	W03	75	DMND	9	DmdSATR	VFD_Chill	0.000315611	0	5.18502E-08
Hsp	W04	75	DMND	9	DmdSATR	VFD_Chill	0.000383497	0	5.28048E-08
Hsp	W05	75	DMND	9	DmdSATR	VFD_Chill	0.000322497	0	4.97843E-08
Hsp	W06	75	DMND	9	DmdSATR	VFD_Chill	0.000375872	0	5.16226E-08
Hsp	W07	75	DMND	9	DmdSATR	VFD_Chill	0.000450202	0	6.23597E-08
Hsp	W08	75	DMND	9	DmdSATR	VFD_Chill	0.00041314	0	5.67444E-08
Hsp	W09	75	DMND	9	DmdSATR	VFD_Chill	0.000427179	0	5.4185E-08
Hsp	W10	75	DMND	9	DmdSATR	VFD_Chill	0.000363282	0	5.4315E-08
Hsp	W11	75	DMND	9	DmdSATR	VFD_Chill	0.00032498	0	5.03754E-08
Hsp	W12	75	DMND	9	DmdSATR	VFD_Chill	0.000334644	0	4.83687E-08
Hsp	W13	75	DMND	9	DmdSATR	VFD_Chill	0.000382699	0	4.05249E-08
Hsp	W14	75	DMND	9	DmdSATR	VFD_Chill	0.000324359	0	3.37245E-08
Hsp	W15	75	DMND	9	DmdSATR	VFD_Chill	0.000425494	0	1.33645E-08
Hsp	W16	75	DMND	9	DmdSATR	VFD_Chill	0.000251626	0	5.22432E-08
Hsp	W01	75	DMND	3	NoSATR	No_VFD_Chill	3.93073E-05	0	6.7975E-09
Hsp	W02	75	DMND	3	NoSATR	No_VFD_Chill	4.39769E-05	0	8.50574E-09
Hsp	W03	75	DMND	3	NoSATR	No_VFD_Chill	4.89716E-05	0	8.40822E-09
Hsp	W04	75	DMND	3	NoSATR	No_VFD_Chill	5.62715E-05	0	9.75294E-09
Hsp	W05	75	DMND	3	NoSATR	No_VFD_Chill	4.82918E-05	0	7.65162E-09
Hsp	W06	75	DMND	3	NoSATR	No_VFD_Chill	5.7897E-05	0	8.20725E-09
Hsp	W07	75	DMND	3	NoSATR	No_VFD_Chill	6.64973E-05	0	9.35987E-09
Hsp	W08	75	DMND	3	NoSATR	No_VFD_Chill	6.07047E-05	0	8.40526E-09
Hsp	W09	75	DMND	3	NoSATR	No_VFD_Chill	6.23597E-05	0	9.6229E-09
Hsp	W10	75	DMND	3	NoSATR	No_VFD_Chill	5.49416E-05	0	9.06137E-09
Hsp	W11	75	DMND	3	NoSATR	No_VFD_Chill	4.77598E-05	0	9.12934E-09
Hsp	W12	75	DMND	3	NoSATR	No_VFD_Chill	5.07153E-05	0	8.9993E-09
Hsp	W13	75	DMND	3	NoSATR	No_VFD_Chill	5.69513E-05	0	9.68792E-09
Hsp	W14	75	DMND	3	NoSATR	No_VFD_Chill	4.89716E-05	0	9.06432E-09
Hsp	W15	75	DMND	3	NoSATR	No_VFD_Chill	6.47832E-05	0	4.5957E-09
Hsp	W16	75	DMND	3	NoSATR	No_VFD_Chill	3.63814E-05	0	8.27522E-09
Hsp	W01	75	DMND	3	OATSATR	No_VFD_Chill	3.6411E-05	0	6.33941E-09

## CHWST Reset db

Hsp	W02	75	DMND	3	OATSATR	No_VFD_Chill	4.22627E-05	0	8.20725E-09
Hsp	W03	75	DMND	3	OATSATR	No_VFD_Chill	4.46862E-05	0	7.97968E-09
Hsp	W04	75	DMND	3	OATSATR	No_VFD_Chill	5.26659E-05	0	9.42489E-09
Hsp	W05	75	DMND	3	OATSATR	No_VFD_Chill	4.53068E-05	0	7.38859E-09
Hsp	W06	75	DMND	3	OATSATR	No_VFD_Chill	5.2991E-05	0	7.5866E-09
Hsp	W07	75	DMND	3	OATSATR	No_VFD_Chill	6.15913E-05	0	9.02886E-09
Hsp	W08	75	DMND	3	OATSATR	No_VFD_Chill	5.65079E-05	0	8.30773E-09
Hsp	W09	75	DMND	3	OATSATR	No_VFD_Chill	5.86063E-05	0	9.25938E-09
Hsp	W10	75	DMND	3	OATSATR	No_VFD_Chill	5.19566E-05	0	8.76878E-09
Hsp	W11	75	DMND	3	OATSATR	No_VFD_Chill	4.5691E-05	0	8.80129E-09
Hsp	W12	75	DMND	3	OATSATR	No_VFD_Chill	4.79963E-05	0	8.73331E-09
Hsp	W13	75	DMND	3	OATSATR	No_VFD_Chill	5.438E-05	0	9.39238E-09
Hsp	W14	75	DMND	3	OATSATR	No_VFD_Chill	4.71392E-05	0	8.89882E-09
Hsp	W15	75	DMND	3	OATSATR	No_VFD_Chill	6.21233E-05	0	4.43315E-09
Hsp	W16	75	DMND	3	OATSATR	No_VFD_Chill	3.59085E-05	0	8.10972E-09
Hsp	W01	75	DMND	3	DmdSATR	No_VFD_Chill	3.66474E-05	0	6.10889E-09
Hsp	W02	75	DMND	3	DmdSATR	No_VFD_Chill	4.19081E-05	0	8.17769E-09
Hsp	W03	75	DMND	3	DmdSATR	No_VFD_Chill	4.46566E-05	0	7.88215E-09
Hsp	W04	75	DMND	3	DmdSATR	No_VFD_Chill	5.2193E-05	0	9.38942E-09
Hsp	W05	75	DMND	3	DmdSATR	No_VFD_Chill	4.4834E-05	0	7.32357E-09
Hsp	W06	75	DMND	3	DmdSATR	No_VFD_Chill	5.1927E-05	0	7.45361E-09
Hsp	W07	75	DMND	3	DmdSATR	No_VFD_Chill	6.09115E-05	0	8.93133E-09
Hsp	W08	75	DMND	3	DmdSATR	No_VFD_Chill	5.55326E-05	0	8.24271E-09
Hsp	W09	75	DMND	3	DmdSATR	No_VFD_Chill	5.76014E-05	0	9.22687E-09
Hsp	W10	75	DMND	3	DmdSATR	No_VFD_Chill	5.13359E-05	0	8.73331E-09
Hsp	W11	75	DMND	3	DmdSATR	No_VFD_Chill	4.55137E-05	0	8.76582E-09
Hsp	W12	75	DMND	3	DmdSATR	No_VFD_Chill	4.75825E-05	0	8.73331E-09
Hsp	W13	75	DMND	3	DmdSATR	No_VFD_Chill	5.38776E-05	0	9.38942E-09
Hsp	W14	75	DMND	3	DmdSATR	No_VFD_Chill	4.67254E-05	0	8.89882E-09
Hsp	W15	75	DMND	3	DmdSATR	No_VFD_Chill	6.23301E-05	0	4.43315E-09
Hsp	W16	75	DMND	3	DmdSATR	No_VFD_Chill	3.57903E-05	0	8.07721E-09
Hsp	W01	75	DMND	9	NoSATR	No_VFD_Chill	8.54121E-05	0	1.57318E-08
Hsp	W02	75	DMND	9	NoSATR	No_VFD_Chill	9.5165E-05	0	1.6914E-08
Hsp	W03	75	DMND	9	NoSATR	No_VFD_Chill	0.000108287	0	1.90153E-08
Hsp	W04	75	DMND	9	NoSATR	No_VFD_Chill	0.000121675	0	1.17892E-08
Hsp	W05	75	DMND	9	NoSATR	No_VFD_Chill	0.000108346	0	1.82262E-08
Hsp	W06	75	DMND	9	NoSATR	No_VFD_Chill	0.000129803	0	1.85867E-08
Hsp	W07	75	DMND	9	NoSATR	No_VFD_Chill	0.000147624	0	2.01324E-08
Hsp	W08	75	DMND	9	NoSATR	No_VFD_Chill	0.000136068	0	2.02625E-08
Hsp	W09	75	DMND	9	NoSATR	No_VFD_Chill	0.0001366	0	1.7109E-08
Hsp	W10	75	DMND	9	NoSATR	No_VFD_Chill	0.000121498	0	1.75346E-08
Hsp	W11	75	DMND	9	NoSATR	No_VFD_Chill	0.000106455	0	1.58943E-08
Hsp	W12	75	DMND	9	NoSATR	No_VFD_Chill	0.000110179	0	1.43841E-08
Hsp	W13	75	DMND	9	NoSATR	No_VFD_Chill	0.00012268	0	1.37605E-08
Hsp	W14	75	DMND	9	NoSATR	No_VFD_Chill	0.000107253	0	1.25783E-08
Hsp	W15	75	DMND	9	NoSATR	No_VFD_Chill	0.000136393	0	4.63117E-09
Hsp	W16	75	DMND	9	NoSATR	No_VFD_Chill	7.93535E-05	0	1.82912E-08
Hsp	W01	75	DMND	9	OATSATR	No_VFD_Chill	7.53341E-05	0	1.41861E-08
Hsp	W02	75	DMND	9	OATSATR	No_VFD_Chill	8.9993E-05	0	1.85838E-08
Hsp	W03	75	DMND	9	OATSATR	No_VFD_Chill	9.5963E-05	0	1.91778E-08
Hsp	W04	75	DMND	9	OATSATR	No_VFD_Chill	0.000117153	0	1.97039E-08
Hsp	W05	75	DMND	9	OATSATR	No_VFD_Chill	9.76772E-05	0	1.74371E-08
Hsp	W06	75	DMND	9	OATSATR	No_VFD_Chill	0.000116149	0	1.79306E-08
Hsp	W07	75	DMND	9	OATSATR	No_VFD_Chill	0.000135832	0	2.16722E-08
Hsp	W08	75	DMND	9	OATSATR	No_VFD_Chill	0.000126581	0	2.0097E-08
Hsp	W09	75	DMND	9	OATSATR	No_VFD_Chill	0.000129862	0	1.94734E-08
Hsp	W10	75	DMND	9	OATSATR	No_VFD_Chill	0.000114464	0	2.036E-08
Hsp	W11	75	DMND	9	OATSATR	No_VFD_Chill	0.000101253	0	1.85867E-08
Hsp	W12	75	DMND	9	OATSATR	No_VFD_Chill	0.000104327	0	1.77326E-08
Hsp	W13	75	DMND	9	OATSATR	No_VFD_Chill	0.000117951	0	1.47447E-08
Hsp	W14	75	DMND	9	OATSATR	No_VFD_Chill	0.000103292	0	1.21173E-08
Hsp	W15	75	DMND	9	OATSATR	No_VFD_Chill	0.000135182	0	4.36813E-09
Hsp	W16	75	DMND	9	OATSATR	No_VFD_Chill	7.70482E-05	0	1.89798E-08
Hsp	W01	75	DMND	9	DmdSATR	No_VFD_Chill	7.54818E-05	0	1.36955E-08
Hsp	W02	75	DMND	9	DmdSATR	No_VFD_Chill	8.88404E-05	0	1.83562E-08
Hsp	W03	75	DMND	9	DmdSATR	No_VFD_Chill	9.41602E-05	0	1.88823E-08
Hsp	W04	75	DMND	9	DmdSATR	No_VFD_Chill	0.0001147	0	1.92428E-08
Hsp	W05	75	DMND	9	DmdSATR	No_VFD_Chill	9.63177E-05	0	1.72391E-08
Hsp	W06	75	DMND	9	DmdSATR	No_VFD_Chill	0.000112661	0	1.75671E-08
Hsp	W07	75	DMND	9	DmdSATR	No_VFD_Chill	0.000132078	0	2.14417E-08
Hsp	W08	75	DMND	9	DmdSATR	No_VFD_Chill	0.000123005	0	1.99344E-08
Hsp	W09	75	DMND	9	DmdSATR	No_VFD_Chill	0.000126108	0	1.94054E-08
Hsp	W10	75	DMND	9	DmdSATR	No_VFD_Chill	0.000111952	0	2.0162E-08
Hsp	W11	75	DMND	9	DmdSATR	No_VFD_Chill	9.94504E-05	0	1.84863E-08
Hsp	W12	75	DMND	9	DmdSATR	No_VFD_Chill	0.000102435	0	1.75021E-08
Hsp	W13	75	DMND	9	DmdSATR	No_VFD_Chill	0.000115853	0	1.46442E-08
Hsp	W14	75	DMND	9	DmdSATR	No_VFD_Chill	0.00010149	0	1.21498E-08
Hsp	W15	75	DMND	9	DmdSATR	No_VFD_Chill	0.000133349	0	4.36813E-09
Hsp	W16	75	DMND	9	DmdSATR	No_VFD_Chill	7.59252E-05	0	1.86518E-08
Hsp	W01	85	DMND	3	NoSATR	VFD_Chill	0.000135389	0	1.93758E-08
Hsp	W02	85	DMND	3	NoSATR	VFD_Chill	0.000145969	0	2.19707E-08
Hsp	W03	85	DMND	3	NoSATR	VFD_Chill	0.000168401	0	2.22012E-08
Hsp	W04	85	DMND	3	NoSATR	VFD_Chill	0.000195679	0	2.59103E-08
Hsp	W05	85	DMND	3	NoSATR	VFD_Chill	0.000168489	0	2.15747E-08
Hsp	W06	85	DMND	3	NoSATR	VFD_Chill	0.000189887	0	2.24613E-08
Hsp	W07	85	DMND	3	NoSATR	VFD_Chill	0.000219648	0	2.61704E-08
Hsp	W08	85	DMND	3	NoSATR	VFD_Chill	0.000200053	0	2.3543E-08
Hsp	W09	85	DMND	3	NoSATR	VFD_Chill	0.000210723	0	2.58423E-08
Hsp	W10	85	DMND	3	NoSATR	VFD_Chill	0.000174962	0	2.33154E-08
Hsp	W11	85	DMND	3	NoSATR	VFD_Chill	0.000155042	0	2.31499E-08
Hsp	W12	85	DMND	3	NoSATR	VFD_Chill	0.000169731	0	2.33805E-08
Hsp	W13	85	DMND	3	NoSATR	VFD_Chill	0.000186163	0	2.48907E-08
Hsp	W14	85	DMND	3	NoSATR	VFD_Chill	0.00014792	0	2.27243E-08
Hsp	W15	85	DMND	3	NoSATR	VFD_Chill	0.000203689	0	1.52382E-08
Hsp	W16	85	DMND	3	NoSATR	VFD_Chill	0.000123301	0	2.24288E-08
Hsp	W01	85	DMND	3	OATSATR	VFD_Chill	0.000122798	0	1.98664E-08
Hsp	W02	85	DMND	3	OATSATR	VFD_Chill	0.000137014	0	2.21008E-08
Hsp	W03	85	DMND	3	OATSATR	VFD_Chill	0.000153239	0	2.23638E-08

## CHWST Reset db

Hsp	W04	85	DMND	3	OATSATR	VFD_Chill	0.000179188	0	2.0295E-08
Hsp	W05	85	DMND	3	OATSATR	VFD_Chill	0.000153151	0	2.16397E-08
Hsp	W06	85	DMND	3	OATSATR	VFD_Chill	0.000178272	0	2.24938E-08
Hsp	W07	85	DMND	3	OATSATR	VFD_Chill	0.000208506	0	2.61733E-08
Hsp	W08	85	DMND	3	OATSATR	VFD_Chill	0.000190212	0	2.3546E-08
Hsp	W09	85	DMND	3	OATSATR	VFD_Chill	0.000198192	0	2.36435E-08
Hsp	W10	85	DMND	3	OATSATR	VFD_Chill	0.00016713	0	2.34484E-08
Hsp	W11	85	DMND	3	OATSATR	VFD_Chill	0.000148481	0	2.32149E-08
Hsp	W12	85	DMND	3	OATSATR	VFD_Chill	0.00015782	0	2.05225E-08
Hsp	W13	85	DMND	3	OATSATR	VFD_Chill	0.000177385	0	2.16072E-08
Hsp	W14	85	DMND	3	OATSATR	VFD_Chill	0.000144255	0	2.27243E-08
Hsp	W15	85	DMND	3	OATSATR	VFD_Chill	0.000195739	0	1.45141E-08
Hsp	W16	85	DMND	3	OATSATR	VFD_Chill	0.000118365	0	2.24288E-08
Hsp	W01	85	DMND	3	DmdSATR	VFD_Chill	0.000130246	0	1.95709E-08
Hsp	W02	85	DMND	3	DmdSATR	VFD_Chill	0.000141506	0	2.19027E-08
Hsp	W03	85	DMND	3	DmdSATR	VFD_Chill	0.000162194	0	2.20328E-08
Hsp	W04	85	DMND	3	DmdSATR	VFD_Chill	0.000184803	0	1.48097E-08
Hsp	W05	85	DMND	3	DmdSATR	VFD_Chill	0.000162076	0	2.15422E-08
Hsp	W06	85	DMND	3	DmdSATR	VFD_Chill	0.000186311	0	2.23963E-08
Hsp	W07	85	DMND	3	DmdSATR	VFD_Chill	0.000214299	0	2.61083E-08
Hsp	W08	85	DMND	3	DmdSATR	VFD_Chill	0.000196684	0	2.3546E-08
Hsp	W09	85	DMND	3	DmdSATR	VFD_Chill	0.000204191	0	2.20978E-08
Hsp	W10	85	DMND	3	DmdSATR	VFD_Chill	0.000172095	0	2.33479E-08
Hsp	W11	85	DMND	3	DmdSATR	VFD_Chill	0.000151821	0	2.31174E-08
Hsp	W12	85	DMND	3	DmdSATR	VFD_Chill	0.000162579	0	1.87848E-08
Hsp	W13	85	DMND	3	DmdSATR	VFD_Chill	0.000181257	0	1.9964E-08
Hsp	W14	85	DMND	3	DmdSATR	VFD_Chill	0.000146501	0	2.26564E-08
Hsp	W15	85	DMND	3	DmdSATR	VFD_Chill	0.000198103	0	1.32315E-08
Hsp	W16	85	DMND	3	DmdSATR	VFD_Chill	0.000120493	0	2.23963E-08
Hsp	W01	85	DMND	9	NoSATR	VFD_Chill	0.000298056	0	4.62703E-08
Hsp	W02	85	DMND	9	NoSATR	VFD_Chill	0.000324743	0	4.31169E-08
Hsp	W03	85	DMND	9	NoSATR	VFD_Chill	0.000378798	0	4.99144E-08
Hsp	W04	85	DMND	9	NoSATR	VFD_Chill	0.000424755	0	2.95218E-08
Hsp	W05	85	DMND	9	NoSATR	VFD_Chill	0.000379508	0	5.3854E-08
Hsp	W06	85	DMND	9	NoSATR	VFD_Chill	0.000432764	0	5.26068E-08
Hsp	W07	85	DMND	9	NoSATR	VFD_Chill	0.000496188	0	5.60203E-08
Hsp	W08	85	DMND	9	NoSATR	VFD_Chill	0.000456172	0	5.59228E-08
Hsp	W09	85	DMND	9	NoSATR	VFD_Chill	0.000467284	0	4.38705E-08
Hsp	W10	85	DMND	9	NoSATR	VFD_Chill	0.000398481	0	4.3971E-08
Hsp	W11	85	DMND	9	NoSATR	VFD_Chill	0.00035081	0	4.07525E-08
Hsp	W12	85	DMND	9	NoSATR	VFD_Chill	0.000376523	0	3.66474E-08
Hsp	W13	85	DMND	9	NoSATR	VFD_Chill	0.000407052	0	3.31009E-08
Hsp	W14	85	DMND	9	NoSATR	VFD_Chill	0.000334289	0	3.22143E-08
Hsp	W15	85	DMND	9	NoSATR	VFD_Chill	0.000435129	0	1.65504E-08
Hsp	W16	85	DMND	9	NoSATR	VFD_Chill	0.00027323	0	4.93233E-08
Hsp	W01	85	DMND	9	OATSATR	VFD_Chill	0.00026327	0	4.67609E-08
Hsp	W02	85	DMND	9	OATSATR	VFD_Chill	0.000298942	0	3.92098E-08
Hsp	W03	85	DMND	9	OATSATR	VFD_Chill	0.000337333	0	4.55787E-08
Hsp	W04	85	DMND	9	OATSATR	VFD_Chill	0.000381517	0	2.00645E-08
Hsp	W05	85	DMND	9	OATSATR	VFD_Chill	0.000338634	0	5.33604E-08
Hsp	W06	85	DMND	9	OATSATR	VFD_Chill	0.000401644	0	5.23762E-08
Hsp	W07	85	DMND	9	OATSATR	VFD_Chill	0.000467314	0	5.28373E-08
Hsp	W08	85	DMND	9	OATSATR	VFD_Chill	0.000426765	0	5.58902E-08
Hsp	W09	85	DMND	9	OATSATR	VFD_Chill	0.000431435	0	3.51047E-08
Hsp	W10	85	DMND	9	OATSATR	VFD_Chill	0.000372651	0	3.84886E-08
Hsp	W11	85	DMND	9	OATSATR	VFD_Chill	0.000329915	0	3.60888E-08
Hsp	W12	85	DMND	9	OATSATR	VFD_Chill	0.000339905	0	3.08341E-08
Hsp	W13	85	DMND	9	OATSATR	VFD_Chill	0.000376848	0	2.73201E-08
Hsp	W14	85	DMND	9	OATSATR	VFD_Chill	0.000321847	0	3.22143E-08
Hsp	W15	85	DMND	9	OATSATR	VFD_Chill	0.000410008	0	1.43486E-08
Hsp	W16	85	DMND	9	OATSATR	VFD_Chill	0.000256561	0	4.90602E-08
Hsp	W01	85	DMND	9	DmdSATR	VFD_Chill	0.000278579	0	4.56792E-08
Hsp	W02	85	DMND	9	DmdSATR	VFD_Chill	0.000306863	0	3.62543E-08
Hsp	W03	85	DMND	9	DmdSATR	VFD_Chill	0.000352052	0	4.18667E-08
Hsp	W04	85	DMND	9	DmdSATR	VFD_Chill	0.000388315	0	1.46117E-08
Hsp	W05	85	DMND	9	DmdSATR	VFD_Chill	0.000355716	0	5.27368E-08
Hsp	W06	85	DMND	9	DmdSATR	VFD_Chill	0.000411012	0	4.91903E-08
Hsp	W07	85	DMND	9	DmdSATR	VFD_Chill	0.000473609	0	5.45455E-08
Hsp	W08	85	DMND	9	DmdSATR	VFD_Chill	0.000432528	0	5.34284E-08
Hsp	W09	85	DMND	9	DmdSATR	VFD_Chill	0.000441128	0	3.15552E-08
Hsp	W10	85	DMND	9	DmdSATR	VFD_Chill	0.000380631	0	3.51697E-08
Hsp	W11	85	DMND	9	DmdSATR	VFD_Chill	0.000334378	0	3.44486E-08
Hsp	W12	85	DMND	9	DmdSATR	VFD_Chill	0.000348623	0	2.6862E-08
Hsp	W13	85	DMND	9	DmdSATR	VFD_Chill	0.000383763	0	2.35755E-08
Hsp	W14	85	DMND	9	DmdSATR	VFD_Chill	0.000323384	0	2.92588E-08
Hsp	W15	85	DMND	9	DmdSATR	VFD_Chill	0.000419347	0	1.30689E-08
Hsp	W16	85	DMND	9	DmdSATR	VFD_Chill	0.000260049	0	4.60398E-08
Hsp	W01	85	DMND	3	NoSATR	No_VFD_Chill	4.13465E-05	0	6.89503E-09
Hsp	W02	85	DMND	3	NoSATR	No_VFD_Chill	4.44202E-05	0	8.50279E-09
Hsp	W03	85	DMND	3	NoSATR	No_VFD_Chill	5.07448E-05	0	8.47323E-09
Hsp	W04	85	DMND	3	NoSATR	No_VFD_Chill	5.8695E-05	0	9.68496E-09
Hsp	W05	85	DMND	3	NoSATR	No_VFD_Chill	5.13359E-05	0	7.84964E-09
Hsp	W06	85	DMND	3	NoSATR	No_VFD_Chill	6.03796E-05	0	8.30773E-09
Hsp	W07	85	DMND	3	NoSATR	No_VFD_Chill	6.75908E-05	0	9.52241E-09
Hsp	W08	85	DMND	3	NoSATR	No_VFD_Chill	6.24188E-05	0	8.50574E-09
Hsp	W09	85	DMND	3	NoSATR	No_VFD_Chill	6.54334E-05	0	9.65245E-09
Hsp	W10	85	DMND	3	NoSATR	No_VFD_Chill	5.56804E-05	0	8.96384E-09
Hsp	W11	85	DMND	3	NoSATR	No_VFD_Chill	4.90011E-05	0	9.03181E-09
Hsp	W12	85	DMND	3	NoSATR	No_VFD_Chill	5.26954E-05	0	8.86631E-09
Hsp	W13	85	DMND	3	NoSATR	No_VFD_Chill	5.86063E-05	0	9.4899E-09
Hsp	W14	85	DMND	3	NoSATR	No_VFD_Chill	4.77894E-05	0	8.86631E-09
Hsp	W15	85	DMND	3	NoSATR	No_VFD_Chill	6.51969E-05	0	5.35229E-09
Hsp	W16	85	DMND	3	NoSATR	No_VFD_Chill	3.72976E-05	0	8.30773E-09
Hsp	W01	85	DMND	3	OATSATR	No_VFD_Chill	3.78E-05	0	6.9305E-09
Hsp	W02	85	DMND	3	OATSATR	No_VFD_Chill	4.31494E-05	0	8.57076E-09
Hsp	W03	85	DMND	3	OATSATR	No_VFD_Chill	4.63708E-05	0	8.60327E-09
Hsp	W04	85	DMND	3	OATSATR	No_VFD_Chill	5.50893E-05	0	7.61616E-09
Hsp	W05	85	DMND	3	OATSATR	No_VFD_Chill	4.70801E-05	0	7.87919E-09



## CHWST Reset db

Hsp	W06	85	DMND	3	OATSATR	No_VFD_Chill	5.60646E-05	0	8.20725E-09
Hsp	W07	85	DMND	3	OATSATR	No_VFD_Chill	6.34828E-05	0	9.55492E-09
Hsp	W08	85	DMND	3	OATSATR	No_VFD_Chill	5.89314E-05	0	8.50574E-09
Hsp	W09	85	DMND	3	OATSATR	No_VFD_Chill	6.15026E-05	0	8.89882E-09
Hsp	W10	85	DMND	3	OATSATR	No_VFD_Chill	5.30501E-05	0	9.06137E-09
Hsp	W11	85	DMND	3	OATSATR	No_VFD_Chill	4.74643E-05	0	9.06432E-09
Hsp	W12	85	DMND	3	OATSATR	No_VFD_Chill	5.03902E-05	0	7.68413E-09
Hsp	W13	85	DMND	3	OATSATR	No_VFD_Chill	5.68921E-05	0	8.27522E-09
Hsp	W14	85	DMND	3	OATSATR	No_VFD_Chill	4.73165E-05	0	8.89882E-09
Hsp	W15	85	DMND	3	OATSATR	No_VFD_Chill	6.29508E-05	0	5.08926E-09
Hsp	W16	85	DMND	3	OATSATR	No_VFD_Chill	3.69725E-05	0	8.34024E-09
Hsp	W01	85	DMND	3	DmdSATR	No_VFD_Chill	3.79774E-05	0	6.33941E-09
Hsp	W02	85	DMND	3	DmdSATR	No_VFD_Chill	4.33858E-05	0	8.44073E-09
Hsp	W03	85	DMND	3	DmdSATR	No_VFD_Chill	4.86169E-05	0	8.3432E-09
Hsp	W04	85	DMND	3	DmdSATR	No_VFD_Chill	5.61828E-05	0	5.41731E-09
Hsp	W05	85	DMND	3	DmdSATR	No_VFD_Chill	4.841E-05	0	7.74915E-09
Hsp	W06	85	DMND	3	DmdSATR	No_VFD_Chill	5.68035E-05	0	8.07721E-09
Hsp	W07	85	DMND	3	DmdSATR	No_VFD_Chill	6.36601E-05	0	9.29485E-09
Hsp	W08	85	DMND	3	DmdSATR	No_VFD_Chill	5.95816E-05	0	8.44073E-09
Hsp	W09	85	DMND	3	DmdSATR	No_VFD_Chill	6.20642E-05	0	8.24271E-09
Hsp	W10	85	DMND	3	DmdSATR	No_VFD_Chill	5.34934E-05	0	8.99635E-09
Hsp	W11	85	DMND	3	DmdSATR	No_VFD_Chill	4.75234E-05	0	8.9993E-09
Hsp	W12	85	DMND	3	DmdSATR	No_VFD_Chill	5.10404E-05	0	6.99552E-09
Hsp	W13	85	DMND	3	DmdSATR	No_VFD_Chill	5.70399E-05	0	7.61616E-09
Hsp	W14	85	DMND	3	DmdSATR	No_VFD_Chill	4.68437E-05	0	8.8338E-09
Hsp	W15	85	DMND	3	DmdSATR	No_VFD_Chill	6.21824E-05	0	4.63117E-09
Hsp	W16	85	DMND	3	DmdSATR	No_VFD_Chill	3.69725E-05	0	8.24271E-09
Hsp	W01	85	DMND	9	NoSATR	No_VFD_Chill	8.92542E-05	0	1.59919E-08
Hsp	W02	85	DMND	9	NoSATR	No_VFD_Chill	9.7027E-05	0	1.62549E-08
Hsp	W03	85	DMND	9	NoSATR	No_VFD_Chill	0.000113637	0	1.89148E-08
Hsp	W04	85	DMND	9	NoSATR	No_VFD_Chill	0.000124335	0	1.09351E-08
Hsp	W05	85	DMND	9	NoSATR	No_VFD_Chill	0.000112957	0	1.90123E-08
Hsp	W06	85	DMND	9	NoSATR	No_VFD_Chill	0.000135507	0	1.88173E-08
Hsp	W07	85	DMND	9	NoSATR	No_VFD_Chill	0.000151023	0	1.99965E-08
Hsp	W08	85	DMND	9	NoSATR	No_VFD_Chill	0.000140088	0	1.9899E-08
Hsp	W09	85	DMND	9	NoSATR	No_VFD_Chill	0.000140886	0	1.645E-08
Hsp	W10	85	DMND	9	NoSATR	No_VFD_Chill	0.000125133	0	1.66155E-08
Hsp	W11	85	DMND	9	NoSATR	No_VFD_Chill	0.000108819	0	1.52707E-08
Hsp	W12	85	DMND	9	NoSATR	No_VFD_Chill	0.000115114	0	1.3332E-08
Hsp	W13	85	DMND	9	NoSATR	No_VFD_Chill	0.000125133	0	1.24182E-08
Hsp	W14	85	DMND	9	NoSATR	No_VFD_Chill	0.00010545	0	1.21823E-08
Hsp	W15	85	DMND	9	NoSATR	No_VFD_Chill	0.000135211	0	5.64784E-09
Hsp	W16	85	DMND	9	NoSATR	No_VFD_Chill	8.157E-05	0	1.75701E-08
Hsp	W01	85	DMND	9	OATSATR	No_VFD_Chill	7.83191E-05	0	1.59268E-08
Hsp	W02	85	DMND	9	OATSATR	No_VFD_Chill	9.19141E-05	0	1.49752E-08
Hsp	W03	85	DMND	9	OATSATR	No_VFD_Chill	0.000100426	0	1.75021E-08
Hsp	W04	85	DMND	9	OATSATR	No_VFD_Chill	0.000113075	0	7.45361E-09
Hsp	W05	85	DMND	9	OATSATR	No_VFD_Chill	0.00010149	0	1.90123E-08
Hsp	W06	85	DMND	9	OATSATR	No_VFD_Chill	0.000123951	0	1.86518E-08
Hsp	W07	85	DMND	9	OATSATR	No_VFD_Chill	0.000140147	0	1.89798E-08
Hsp	W08	85	DMND	9	OATSATR	No_VFD_Chill	0.000129241	0	1.99019E-08
Hsp	W09	85	DMND	9	OATSATR	No_VFD_Chill	0.00013001	0	1.3332E-08
Hsp	W10	85	DMND	9	OATSATR	No_VFD_Chill	0.000116622	0	1.47447E-08
Hsp	W11	85	DMND	9	OATSATR	No_VFD_Chill	0.000102347	0	1.3595E-08
Hsp	W12	85	DMND	9	OATSATR	No_VFD_Chill	0.000106071	0	1.12986E-08
Hsp	W13	85	DMND	9	OATSATR	No_VFD_Chill	0.000117153	0	1.0214E-08
Hsp	W14	85	DMND	9	OATSATR	No_VFD_Chill	0.000102288	0	1.22178E-08
Hsp	W15	85	DMND	9	OATSATR	No_VFD_Chill	0.000128029	0	4.95922E-09
Hsp	W16	85	DMND	9	OATSATR	No_VFD_Chill	7.79053E-05	0	1.75021E-08
Hsp	W01	85	DMND	9	DmdSATR	No_VFD_Chill	7.91761E-05	0	1.46471E-08
Hsp	W02	85	DMND	9	DmdSATR	No_VFD_Chill	9.20914E-05	0	1.37605E-08
Hsp	W03	85	DMND	9	DmdSATR	No_VFD_Chill	0.000102761	0	1.57968E-08
Hsp	W04	85	DMND	9	DmdSATR	No_VFD_Chill	0.000113548	0	5.25181E-09
Hsp	W05	85	DMND	9	DmdSATR	No_VFD_Chill	0.000103943	0	1.84892E-08
Hsp	W06	85	DMND	9	DmdSATR	No_VFD_Chill	0.00012271	0	1.72391E-08
Hsp	W07	85	DMND	9	DmdSATR	No_VFD_Chill	0.000138551	0	1.90478E-08
Hsp	W08	85	DMND	9	DmdSATR	No_VFD_Chill	0.000127941	0	1.90478E-08
Hsp	W09	85	DMND	9	DmdSATR	No_VFD_Chill	0.000130335	0	1.18543E-08
Hsp	W10	85	DMND	9	DmdSATR	No_VFD_Chill	0.000116178	0	1.3332E-08
Hsp	W11	85	DMND	9	DmdSATR	No_VFD_Chill	0.000101549	0	1.29389E-08
Hsp	W12	85	DMND	9	DmdSATR	No_VFD_Chill	0.000106957	0	9.61994E-09
Hsp	W13	85	DMND	9	DmdSATR	No_VFD_Chill	0.000116799	0	8.76582E-09
Hsp	W14	85	DMND	9	DmdSATR	No_VFD_Chill	0.000100337	0	1.11331E-08
Hsp	W15	85	DMND	9	DmdSATR	No_VFD_Chill	0.000127941	0	4.53068E-09
Hsp	W16	85	DMND	9	DmdSATR	No_VFD_Chill	7.7462E-05	0	1.63199E-08
Hsp	W01	96	DMND	3	NoSATR	VFD_Chill	0.000135861	0	1.99315E-08
Hsp	W02	96	DMND	3	NoSATR	VFD_Chill	0.000146353	0	2.19678E-08
Hsp	W03	96	DMND	3	NoSATR	VFD_Chill	0.000172125	0	2.25588E-08
Hsp	W04	96	DMND	3	NoSATR	VFD_Chill	0.000195384	0	2.56798E-08
Hsp	W05	96	DMND	3	NoSATR	VFD_Chill	0.000171563	0	2.21008E-08
Hsp	W06	96	DMND	3	NoSATR	VFD_Chill	0.00019497	0	2.29194E-08
Hsp	W07	96	DMND	3	NoSATR	VFD_Chill	0.000223461	0	2.64334E-08
Hsp	W08	96	DMND	3	NoSATR	VFD_Chill	0.000203127	0	2.39036E-08
Hsp	W09	96	DMND	3	NoSATR	VFD_Chill	0.000211432	0	2.59103E-08
Hsp	W10	96	DMND	3	NoSATR	VFD_Chill	0.000174341	0	2.31174E-08
Hsp	W11	96	DMND	3	NoSATR	VFD_Chill	0.000149693	0	2.26918E-08
Hsp	W12	96	DMND	3	NoSATR	VFD_Chill	0.000164854	0	2.31174E-08
Hsp	W13	96	DMND	3	NoSATR	VFD_Chill	0.00018173	0	2.46306E-08
Hsp	W14	96	DMND	3	NoSATR	VFD_Chill	0.000143664	0	2.22958E-08
Hsp	W15	96	DMND	3	NoSATR	VFD_Chill	0.000206201	0	2.07856E-08
Hsp	W16	96	DMND	3	NoSATR	VFD_Chill	0.000119311	0	2.26268E-08
Hsp	W01	96	DMND	3	OATSATR	VFD_Chill	0.000118779	0	2.03275E-08
Hsp	W02	96	DMND	3	OATSATR	VFD_Chill	0.000132226	0	2.20328E-08
Hsp	W03	96	DMND	3	OATSATR	VFD_Chill	0.000151703	0	2.25914E-08
Hsp	W04	96	DMND	3	OATSATR	VFD_Chill	0.000174489	0	2.01295E-08
Hsp	W05	96	DMND	3	OATSATR	VFD_Chill	0.0001512	0	2.21008E-08
Hsp	W06	96	DMND	3	OATSATR	VFD_Chill	0.000177681	0	2.30524E-08
Hsp	W07	96	DMND	3	OATSATR	VFD_Chill	0.000208299	0	2.65339E-08

CHWST Reset db

Hsp	W08	96	DMND	3	OATSATR	VFD_Chill	0.000189562	0	2.39065E-08
Hsp	W09	96	DMND	3	OATSATR	VFD_Chill	0.000194645	0	2.32149E-08
Hsp	W10	96	DMND	3	OATSATR	VFD_Chill	0.00016447	0	2.328E-08
Hsp	W11	96	DMND	3	OATSATR	VFD_Chill	0.000140324	0	2.28899E-08
Hsp	W12	96	DMND	3	OATSATR	VFD_Chill	0.000148658	0	2.0493E-08
Hsp	W13	96	DMND	3	OATSATR	VFD_Chill	0.000169997	0	2.18052E-08
Hsp	W14	96	DMND	3	OATSATR	VFD_Chill	0.000137546	0	2.22663E-08
Hsp	W15	96	DMND	3	OATSATR	VFD_Chill	0.000195561	0	1.98014E-08
Hsp	W16	96	DMND	3	OATSATR	VFD_Chill	0.000111597	0	2.26239E-08
Hsp	W01	96	DMND	3	DmdSATR	VFD_Chill	0.000125488	0	2.036E-08
Hsp	W02	96	DMND	3	DmdSATR	VFD_Chill	0.000137369	0	2.17727E-08
Hsp	W03	96	DMND	3	DmdSATR	VFD_Chill	0.000158825	0	2.22663E-08
Hsp	W04	96	DMND	3	DmdSATR	VFD_Chill	0.00018108	0	2.15422E-08
Hsp	W05	96	DMND	3	DmdSATR	VFD_Chill	0.000160096	0	2.21333E-08
Hsp	W06	96	DMND	3	DmdSATR	VFD_Chill	0.000186399	0	2.29874E-08
Hsp	W07	96	DMND	3	DmdSATR	VFD_Chill	0.000213028	0	2.64364E-08
Hsp	W08	96	DMND	3	DmdSATR	VFD_Chill	0.000196596	0	2.3939E-08
Hsp	W09	96	DMND	3	DmdSATR	VFD_Chill	0.000201206	0	2.19352E-08
Hsp	W10	96	DMND	3	DmdSATR	VFD_Chill	0.000169612	0	2.30524E-08
Hsp	W11	96	DMND	3	DmdSATR	VFD_Chill	0.000144432	0	2.25588E-08
Hsp	W12	96	DMND	3	DmdSATR	VFD_Chill	0.000152707	0	2.01295E-08
Hsp	W13	96	DMND	3	DmdSATR	VFD_Chill	0.000173573	0	2.12141E-08
Hsp	W14	96	DMND	3	DmdSATR	VFD_Chill	0.000139822	0	2.20682E-08
Hsp	W15	96	DMND	3	DmdSATR	VFD_Chill	0.000199137	0	1.83562E-08
Hsp	W16	96	DMND	3	DmdSATR	VFD_Chill	0.000114582	0	2.24613E-08
Hsp	W01	96	DMND	9	NoSATR	VFD_Chill	0.000299533	0	4.73845E-08
Hsp	W02	96	DMND	9	NoSATR	VFD_Chill	0.000325187	0	4.52507E-08
Hsp	W03	96	DMND	9	NoSATR	VFD_Chill	0.000384059	0	5.06355E-08
Hsp	W04	96	DMND	9	NoSATR	VFD_Chill	0.000421682	0	2.77486E-08
Hsp	W05	96	DMND	9	NoSATR	VFD_Chill	0.000386246	0	5.49061E-08
Hsp	W06	96	DMND	9	NoSATR	VFD_Chill	0.000441956	0	5.30649E-08
Hsp	W07	96	DMND	9	NoSATR	VFD_Chill	0.000500385	0	5.48056E-08
Hsp	W08	96	DMND	9	NoSATR	VFD_Chill	0.000459275	0	5.63483E-08
Hsp	W09	96	DMND	9	NoSATR	VFD_Chill	0.000467195	0	4.31494E-08
Hsp	W10	96	DMND	9	NoSATR	VFD_Chill	0.000394314	0	4.25908E-08
Hsp	W11	96	DMND	9	NoSATR	VFD_Chill	0.000339136	0	3.95053E-08
Hsp	W12	96	DMND	9	NoSATR	VFD_Chill	0.000364257	0	3.89142E-08
Hsp	W13	96	DMND	9	NoSATR	VFD_Chill	0.000398481	0	3.67804E-08
Hsp	W14	96	DMND	9	NoSATR	VFD_Chill	0.000323591	0	3.31659E-08
Hsp	W15	96	DMND	9	NoSATR	VFD_Chill	0.000437671	0	2.33154E-08
Hsp	W16	96	DMND	9	NoSATR	VFD_Chill	0.000264305	0	5.27398E-08
Hsp	W01	96	DMND	9	OATSATR	VFD_Chill	0.000253517	0	4.7222E-08
Hsp	W02	96	DMND	9	OATSATR	VFD_Chill	0.000288066	0	4.0717E-08
Hsp	W03	96	DMND	9	OATSATR	VFD_Chill	0.000330743	0	4.63353E-08
Hsp	W04	96	DMND	9	OATSATR	VFD_Chill	0.000370464	0	1.99669E-08
Hsp	W05	96	DMND	9	OATSATR	VFD_Chill	0.000332989	0	5.4117E-08
Hsp	W06	96	DMND	9	OATSATR	VFD_Chill	0.0003999	0	5.30323E-08
Hsp	W07	96	DMND	9	OATSATR	VFD_Chill	0.000463915	0	5.1262E-08
Hsp	W08	96	DMND	9	OATSATR	VFD_Chill	0.000423455	0	5.63158E-08
Hsp	W09	96	DMND	9	OATSATR	VFD_Chill	0.000421888	0	3.42476E-08
Hsp	W10	96	DMND	9	OATSATR	VFD_Chill	0.000363164	0	3.61538E-08
Hsp	W11	96	DMND	9	OATSATR	VFD_Chill	0.000313276	0	3.49067E-08
Hsp	W12	96	DMND	9	OATSATR	VFD_Chill	0.000318182	0	3.19542E-08
Hsp	W13	96	DMND	9	OATSATR	VFD_Chill	0.000361775	0	3.07365E-08
Hsp	W14	96	DMND	9	OATSATR	VFD_Chill	0.00030636	0	3.30359E-08
Hsp	W15	96	DMND	9	OATSATR	VFD_Chill	0.00040587	0	1.97039E-08
Hsp	W16	96	DMND	9	OATSATR	VFD_Chill	0.000243085	0	5.23762E-08
Hsp	W01	96	DMND	9	DmdSATR	VFD_Chill	0.000270127	0	4.69589E-08
Hsp	W02	96	DMND	9	DmdSATR	VFD_Chill	0.000297642	0	3.89467E-08
Hsp	W03	96	DMND	9	DmdSATR	VFD_Chill	0.000346052	0	5.0934E-08
Hsp	W04	96	DMND	9	DmdSATR	VFD_Chill	0.000386394	0	2.23638E-08
Hsp	W05	96	DMND	9	DmdSATR	VFD_Chill	0.000351401	0	5.41525E-08
Hsp	W06	96	DMND	9	DmdSATR	VFD_Chill	0.000411751	0	5.1262E-08
Hsp	W07	96	DMND	9	DmdSATR	VFD_Chill	0.000472988	0	5.71404E-08
Hsp	W08	96	DMND	9	DmdSATR	VFD_Chill	0.00043238	0	5.32304E-08
Hsp	W09	96	DMND	9	DmdSATR	VFD_Chill	0.000436577	0	3.14577E-08
Hsp	W10	96	DMND	9	DmdSATR	VFD_Chill	0.000375045	0	3.59263E-08
Hsp	W11	96	DMND	9	DmdSATR	VFD_Chill	0.000319719	0	3.3692E-08
Hsp	W12	96	DMND	9	DmdSATR	VFD_Chill	0.000333521	0	3.21492E-08
Hsp	W13	96	DMND	9	DmdSATR	VFD_Chill	0.000374513	0	2.85347E-08
Hsp	W14	96	DMND	9	DmdSATR	VFD_Chill	0.000309139	0	2.98499E-08
Hsp	W15	96	DMND	9	DmdSATR	VFD_Chill	0.000422775	0	1.82587E-08
Hsp	W16	96	DMND	9	DmdSATR	VFD_Chill	0.000248966	0	5.02099E-08
Hsp	W01	96	DMND	3	NoSATR	No_VFD_Chill	4.05781E-05	0	7.02803E-09
Hsp	W02	96	DMND	3	NoSATR	No_VFD_Chill	4.52773E-05	0	8.40526E-09
Hsp	W03	96	DMND	3	NoSATR	No_VFD_Chill	5.15428E-05	0	8.44073E-09
Hsp	W04	96	DMND	3	NoSATR	No_VFD_Chill	5.8429E-05	0	9.52241E-09
Hsp	W05	96	DMND	3	NoSATR	No_VFD_Chill	5.14837E-05	0	7.84964E-09
Hsp	W06	96	DMND	3	NoSATR	No_VFD_Chill	6.07047E-05	0	8.30773E-09
Hsp	W07	96	DMND	3	NoSATR	No_VFD_Chill	6.78568E-05	0	9.4574E-09
Hsp	W08	96	DMND	3	NoSATR	No_VFD_Chill	6.27735E-05	0	8.57076E-09
Hsp	W09	96	DMND	3	NoSATR	No_VFD_Chill	6.48423E-05	0	9.59039E-09
Hsp	W10	96	DMND	3	NoSATR	No_VFD_Chill	5.52371E-05	0	8.89882E-09
Hsp	W11	96	DMND	3	NoSATR	No_VFD_Chill	4.64595E-05	0	8.83084E-09
Hsp	W12	96	DMND	3	NoSATR	No_VFD_Chill	5.07153E-05	0	8.7008E-09
Hsp	W13	96	DMND	3	NoSATR	No_VFD_Chill	5.63602E-05	0	9.25938E-09
Hsp	W14	96	DMND	3	NoSATR	No_VFD_Chill	4.64003E-05	0	8.70376E-09
Hsp	W15	96	DMND	3	NoSATR	No_VFD_Chill	6.58471E-05	0	7.55114E-09
Hsp	W16	96	DMND	3	NoSATR	No_VFD_Chill	3.60859E-05	0	8.30773E-09
Hsp	W01	96	DMND	3	OATSATR	No_VFD_Chill	3.62336E-05	0	6.96005E-09
Hsp	W02	96	DMND	3	OATSATR	No_VFD_Chill	4.13465E-05	0	8.50574E-09
Hsp	W03	96	DMND	3	OATSATR	No_VFD_Chill	4.56615E-05	0	8.53825E-09
Hsp	W04	96	DMND	3	OATSATR	No_VFD_Chill	5.29319E-05	0	7.55409E-09
Hsp	W05	96	DMND	3	OATSATR	No_VFD_Chill	4.58684E-05	0	7.87919E-09
Hsp	W06	96	DMND	3	OATSATR	No_VFD_Chill	5.3848E-05	0	8.24271E-09
Hsp	W07	96	DMND	3	OATSATR	No_VFD_Chill	6.21824E-05	0	9.52241E-09
Hsp	W08	96	DMND	3	OATSATR	No_VFD_Chill	5.76901E-05	0	8.57076E-09
Hsp	W09	96	DMND	3	OATSATR	No_VFD_Chill	5.90792E-05	0	8.63874E-09

## CHWST Reset db

Hsp	W10	96	DMND	3	OATSATR	No_VFD_Chill	5.21339E-05	0	8.93133E-09
Hsp	W11	96	DMND	3	OATSATR	No_VFD_Chill	4.36222E-05	0	8.89882E-09
Hsp	W12	96	DMND	3	OATSATR	No_VFD_Chill	4.58388E-05	0	7.68413E-09
Hsp	W13	96	DMND	3	OATSATR	No_VFD_Chill	5.33456E-05	0	8.23976E-09
Hsp	W14	96	DMND	3	OATSATR	No_VFD_Chill	4.45384E-05	0	8.66829E-09
Hsp	W15	96	DMND	3	OATSATR	No_VFD_Chill	6.26552E-05	0	7.2556E-09
Hsp	W16	96	DMND	3	OATSATR	No_VFD_Chill	3.41057E-05	0	8.30773E-09
Hsp	W01	96	DMND	3	DmdSATR	No_VFD_Chill	3.52584E-05	0	6.40147E-09
Hsp	W02	96	DMND	3	DmdSATR	No_VFD_Chill	4.22036E-05	0	8.27522E-09
Hsp	W03	96	DMND	3	DmdSATR	No_VFD_Chill	4.62821E-05	0	8.2102E-09
Hsp	W04	96	DMND	3	DmdSATR	No_VFD_Chill	5.46756E-05	0	7.55409E-09
Hsp	W05	96	DMND	3	DmdSATR	No_VFD_Chill	4.70505E-05	0	7.65162E-09
Hsp	W06	96	DMND	3	DmdSATR	No_VFD_Chill	5.50893E-05	0	8.01219E-09
Hsp	W07	96	DMND	3	DmdSATR	No_VFD_Chill	6.16504E-05	0	9.22983E-09
Hsp	W08	96	DMND	3	DmdSATR	No_VFD_Chill	5.89314E-05	0	8.40526E-09
Hsp	W09	96	DMND	3	DmdSATR	No_VFD_Chill	6.01727E-05	0	7.97968E-09
Hsp	W10	96	DMND	3	DmdSATR	No_VFD_Chill	5.29614E-05	0	8.80129E-09
Hsp	W11	96	DMND	3	DmdSATR	No_VFD_Chill	4.4568E-05	0	8.73331E-09
Hsp	W12	96	DMND	3	DmdSATR	No_VFD_Chill	4.58979E-05	0	7.35312E-09
Hsp	W13	96	DMND	3	DmdSATR	No_VFD_Chill	5.30796E-05	0	7.94717E-09
Hsp	W14	96	DMND	3	DmdSATR	No_VFD_Chill	4.41247E-05	0	8.60327E-09
Hsp	W15	96	DMND	3	DmdSATR	No_VFD_Chill	6.19755E-05	0	6.73248E-09
Hsp	W16	96	DMND	3	DmdSATR	No_VFD_Chill	3.49037E-05	0	8.10972E-09
Hsp	W01	96	DMND	9	NoSATR	No_VFD_Chill	8.89291E-05	0	1.61899E-08
Hsp	W02	96	DMND	9	NoSATR	No_VFD_Chill	9.85342E-05	0	1.6911E-08
Hsp	W03	96	DMND	9	NoSATR	No_VFD_Chill	0.000113045	0	1.89473E-08
Hsp	W04	96	DMND	9	NoSATR	No_VFD_Chill	0.000123803	0	1.0211E-08
Hsp	W05	96	DMND	9	NoSATR	No_VFD_Chill	0.000114405	0	1.90803E-08
Hsp	W06	96	DMND	9	NoSATR	No_VFD_Chill	0.000135123	0	1.85542E-08
Hsp	W07	96	DMND	9	NoSATR	No_VFD_Chill	0.000149279	0	1.93079E-08
Hsp	W08	96	DMND	9	NoSATR	No_VFD_Chill	0.000138787	0	1.9899E-08
Hsp	W09	96	DMND	9	NoSATR	No_VFD_Chill	0.000140117	0	1.60598E-08
Hsp	W10	96	DMND	9	NoSATR	No_VFD_Chill	0.00012271	0	1.60923E-08
Hsp	W11	96	DMND	9	NoSATR	No_VFD_Chill	0.000103913	0	1.49397E-08
Hsp	W12	96	DMND	9	NoSATR	No_VFD_Chill	0.000109676	0	1.40886E-08
Hsp	W13	96	DMND	9	NoSATR	No_VFD_Chill	0.00012138	0	1.35625E-08
Hsp	W14	96	DMND	9	NoSATR	No_VFD_Chill	0.000101785	0	1.26434E-08
Hsp	W15	96	DMND	9	NoSATR	No_VFD_Chill	0.000135536	0	8.34024E-09
Hsp	W16	96	DMND	9	NoSATR	No_VFD_Chill	7.89397E-05	0	1.86843E-08
Hsp	W01	96	DMND	9	OATSATR	No_VFD_Chill	7.44179E-05	0	1.56963E-08
Hsp	W02	96	DMND	9	OATSATR	No_VFD_Chill	8.73331E-05	0	1.55338E-08
Hsp	W03	96	DMND	9	OATSATR	No_VFD_Chill	9.58743E-05	0	1.76026E-08
Hsp	W04	96	DMND	9	OATSATR	No_VFD_Chill	0.000109322	0	7.4211E-09
Hsp	W05	96	DMND	9	OATSATR	No_VFD_Chill	9.77658E-05	0	1.89798E-08
Hsp	W06	96	DMND	9	OATSATR	No_VFD_Chill	0.000119045	0	1.85542E-08
Hsp	W07	96	DMND	9	OATSATR	No_VFD_Chill	0.000135832	0	1.81907E-08
Hsp	W08	96	DMND	9	OATSATR	No_VFD_Chill	0.000126108	0	1.9899E-08
Hsp	W09	96	DMND	9	OATSATR	No_VFD_Chill	0.000124631	0	1.29389E-08
Hsp	W10	96	DMND	9	OATSATR	No_VFD_Chill	0.000112809	0	1.38255E-08
Hsp	W11	96	DMND	9	OATSATR	No_VFD_Chill	9.5963E-05	0	1.32019E-08
Hsp	W12	96	DMND	9	OATSATR	No_VFD_Chill	9.5165E-05	0	1.17242E-08
Hsp	W13	96	DMND	9	OATSATR	No_VFD_Chill	0.000110888	0	1.12957E-08
Hsp	W14	96	DMND	9	OATSATR	No_VFD_Chill	9.59039E-05	0	1.25754E-08
Hsp	W15	96	DMND	9	OATSATR	No_VFD_Chill	0.000124956	0	7.15807E-09
Hsp	W16	96	DMND	9	OATSATR	No_VFD_Chill	7.32653E-05	0	1.86843E-08
Hsp	W01	96	DMND	9	DmdSATR	No_VFD_Chill	7.53341E-05	0	1.44816E-08
Hsp	W02	96	DMND	9	DmdSATR	No_VFD_Chill	8.82493E-05	0	1.42511E-08
Hsp	W03	96	DMND	9	DmdSATR	No_VFD_Chill	9.83865E-05	0	1.81937E-08
Hsp	W04	96	DMND	9	DmdSATR	No_VFD_Chill	0.000113489	0	7.52158E-09
Hsp	W05	96	DMND	9	DmdSATR	No_VFD_Chill	0.000101076	0	1.81612E-08
Hsp	W06	96	DMND	9	DmdSATR	No_VFD_Chill	0.000118779	0	1.72391E-08
Hsp	W07	96	DMND	9	DmdSATR	No_VFD_Chill	0.000135773	0	1.93758E-08
Hsp	W08	96	DMND	9	DmdSATR	No_VFD_Chill	0.000126286	0	1.86518E-08
Hsp	W09	96	DMND	9	DmdSATR	No_VFD_Chill	0.000126995	0	1.15942E-08
Hsp	W10	96	DMND	9	DmdSATR	No_VFD_Chill	0.000114228	0	1.32995E-08
Hsp	W11	96	DMND	9	DmdSATR	No_VFD_Chill	9.64654E-05	0	1.24128E-08
Hsp	W12	96	DMND	9	DmdSATR	No_VFD_Chill	9.87411E-05	0	1.11627E-08
Hsp	W13	96	DMND	9	DmdSATR	No_VFD_Chill	0.000112602	0	1.0344E-08
Hsp	W14	96	DMND	9	DmdSATR	No_VFD_Chill	9.43671E-05	0	1.11952E-08
Hsp	W15	96	DMND	9	DmdSATR	No_VFD_Chill	0.000127232	0	6.63495E-09
Hsp	W16	96	DMND	9	DmdSATR	No_VFD_Chill	7.40632E-05	0	1.71061E-08
Hsp	W01	3	DMND	3	NoSATR	VFD_Chill	0.000107933	0	1.58618E-08
Hsp	W02	3	DMND	3	NoSATR	VFD_Chill	0.000110888	0	1.74696E-08
Hsp	W03	3	DMND	3	NoSATR	VFD_Chill	0.000130926	0	1.77651E-08
Hsp	W04	3	DMND	3	NoSATR	VFD_Chill	0.00015587	0	2.13767E-08
Hsp	W05	3	DMND	3	NoSATR	VFD_Chill	0.000132581	0	1.74371E-08
Hsp	W06	3	DMND	3	NoSATR	VFD_Chill	0.000150668	0	1.80607E-08
Hsp	W07	3	DMND	3	NoSATR	VFD_Chill	0.000178301	0	2.12791E-08
Hsp	W08	3	DMND	3	NoSATR	VFD_Chill	0.000163554	0	1.93758E-08
Hsp	W09	3	DMND	3	NoSATR	VFD_Chill	0.000167691	0	2.10161E-08
Hsp	W10	3	DMND	3	NoSATR	VFD_Chill	0.000137162	0	1.87493E-08
Hsp	W11	3	DMND	3	NoSATR	VFD_Chill	0.000118277	0	1.84212E-08
Hsp	W12	3	DMND	3	NoSATR	VFD_Chill	0.000129596	0	1.90773E-08
Hsp	W13	3	DMND	3	NoSATR	VFD_Chill	0.000144728	0	2.0295E-08
Hsp	W14	3	DMND	3	NoSATR	VFD_Chill	0.000114523	0	1.7044E-08
Hsp	W15	3	DMND	3	NoSATR	VFD_Chill	0.000160864	0	1.6911E-08
Hsp	W16	3	DMND	3	NoSATR	VFD_Chill	9.3776E-05	0	1.80932E-08
Hsp	W01	3	DMND	3	OATSATR	VFD_Chill	9.26825E-05	0	1.61899E-08
Hsp	W02	3	DMND	3	OATSATR	VFD_Chill	0.000100958	0	1.75021E-08
Hsp	W03	3	DMND	3	OATSATR	VFD_Chill	0.000115321	0	1.77976E-08
Hsp	W04	3	DMND	3	OATSATR	VFD_Chill	0.000139171	0	2.15097E-08
Hsp	W05	3	DMND	3	OATSATR	VFD_Chill	0.00011671	0	1.74696E-08
Hsp	W06	3	DMND	3	OATSATR	VFD_Chill	0.000137664	0	1.80961E-08
Hsp	W07	3	DMND	3	OATSATR	VFD_Chill	0.000166273	0	2.13471E-08
Hsp	W08	3	DMND	3	OATSATR	VFD_Chill	0.000152973	0	1.93758E-08
Hsp	W09	3	DMND	3	OATSATR	VFD_Chill	0.000154894	0	2.10516E-08
Hsp	W10	3	DMND	3	OATSATR	VFD_Chill	0.00012933	0	1.87168E-08
Hsp	W11	3	DMND	3	OATSATR	VFD_Chill	0.000111449	0	1.84537E-08

CHWST Reset db

Hsp	W12	3	DMND	3	OATSATR	VFD_Chill	0.000117272	0	1.90803E-08
Hsp	W13	3	DMND	3	OATSATR	VFD_Chill	0.000136275	0	2.0295E-08
Hsp	W14	3	DMND	3	OATSATR	VFD_Chill	0.000109144	0	1.70765E-08
Hsp	W15	3	DMND	3	OATSATR	VFD_Chill	0.000155042	0	1.6911E-08
Hsp	W16	3	DMND	3	OATSATR	VFD_Chill	8.79833E-05	0	1.81257E-08
Hsp	W01	3	DMND	3	DmdSATR	VFD_Chill	9.46626E-05	0	1.63199E-08
Hsp	W02	3	DMND	3	DmdSATR	VFD_Chill	0.000103529	0	1.71415E-08
Hsp	W03	3	DMND	3	DmdSATR	VFD_Chill	0.000118483	0	1.75346E-08
Hsp	W04	3	DMND	3	DmdSATR	VFD_Chill	0.000142777	0	2.12791E-08
Hsp	W05	3	DMND	3	DmdSATR	VFD_Chill	0.000122444	0	1.74371E-08
Hsp	W06	3	DMND	3	DmdSATR	VFD_Chill	0.000141122	0	1.80961E-08
Hsp	W07	3	DMND	3	DmdSATR	VFD_Chill	0.000166302	0	2.12791E-08
Hsp	W08	3	DMND	3	DmdSATR	VFD_Chill	0.000156638	0	1.93729E-08
Hsp	W09	3	DMND	3	DmdSATR	VFD_Chill	0.00015782	0	2.09511E-08
Hsp	W10	3	DMND	3	DmdSATR	VFD_Chill	0.000131842	0	1.84863E-08
Hsp	W11	3	DMND	3	DmdSATR	VFD_Chill	0.000112986	0	1.81257E-08
Hsp	W12	3	DMND	3	DmdSATR	VFD_Chill	0.00011937	0	1.87818E-08
Hsp	W13	3	DMND	3	DmdSATR	VFD_Chill	0.000137871	0	2.0162E-08
Hsp	W14	3	DMND	3	DmdSATR	VFD_Chill	0.000110622	0	1.77001E-08
Hsp	W15	3	DMND	3	DmdSATR	VFD_Chill	0.000158116	0	1.77326E-08
Hsp	W16	3	DMND	3	DmdSATR	VFD_Chill	8.86335E-05	0	1.79956E-08
Hsp	W01	3	DMND	9	NoSATR	VFD_Chill	0.000235016	0	3.7141E-08
Hsp	W02	3	DMND	9	NoSATR	VFD_Chill	0.000244149	0	3.58583E-08
Hsp	W03	3	DMND	9	NoSATR	VFD_Chill	0.000290519	0	4.059E-08
Hsp	W04	3	DMND	9	NoSATR	VFD_Chill	0.000335442	0	2.89633E-08
Hsp	W05	3	DMND	9	NoSATR	VFD_Chill	0.000295839	0	4.31169E-08
Hsp	W06	3	DMND	9	NoSATR	VFD_Chill	0.000338841	0	4.18017E-08
Hsp	W07	3	DMND	9	NoSATR	VFD_Chill	0.000397004	0	4.53187E-08
Hsp	W08	3	DMND	9	NoSATR	VFD_Chill	0.000367449	0	4.30518E-08
Hsp	W09	3	DMND	9	NoSATR	VFD_Chill	0.000370198	0	3.89438E-08
Hsp	W10	3	DMND	9	NoSATR	VFD_Chill	0.000306449	0	3.42505E-08
Hsp	W11	3	DMND	9	NoSATR	VFD_Chill	0.00026259	0	3.04085E-08
Hsp	W12	3	DMND	9	NoSATR	VFD_Chill	0.000285347	0	3.29029E-08
Hsp	W13	3	DMND	9	NoSATR	VFD_Chill	0.000313956	0	3.00479E-08
Hsp	W14	3	DMND	9	NoSATR	VFD_Chill	0.000251035	0	1.93758E-08
Hsp	W15	3	DMND	9	NoSATR	VFD_Chill	0.000335412	0	2.0295E-08
Hsp	W16	3	DMND	9	NoSATR	VFD_Chill	0.000204605	0	3.73715E-08
Hsp	W01	3	DMND	9	OATSATR	VFD_Chill	0.000198221	0	3.71055E-08
Hsp	W02	3	DMND	9	OATSATR	VFD_Chill	0.000219678	0	3.58583E-08
Hsp	W03	3	DMND	9	OATSATR	VFD_Chill	0.000251862	0	4.08825E-08
Hsp	W04	3	DMND	9	OATSATR	VFD_Chill	0.000298499	0	2.89308E-08
Hsp	W05	3	DMND	9	OATSATR	VFD_Chill	0.000255704	0	4.31169E-08
Hsp	W06	3	DMND	9	OATSATR	VFD_Chill	0.000307454	0	4.27563E-08
Hsp	W07	3	DMND	9	OATSATR	VFD_Chill	0.00036875	0	4.57117E-08
Hsp	W08	3	DMND	9	OATSATR	VFD_Chill	0.000341353	0	4.30843E-08
Hsp	W09	3	DMND	9	OATSATR	VFD_Chill	0.000339284	0	3.85537E-08
Hsp	W10	3	DMND	9	OATSATR	VFD_Chill	0.000286204	0	3.4218E-08
Hsp	W11	3	DMND	9	OATSATR	VFD_Chill	0.000245213	0	3.04085E-08
Hsp	W12	3	DMND	9	OATSATR	VFD_Chill	0.000255468	0	3.29058E-08
Hsp	W13	3	DMND	9	OATSATR	VFD_Chill	0.000294036	0	2.99829E-08
Hsp	W14	3	DMND	9	OATSATR	VFD_Chill	0.000238297	0	1.95059E-08
Hsp	W15	3	DMND	9	OATSATR	VFD_Chill	0.00031963	0	2.0295E-08
Hsp	W16	3	DMND	9	OATSATR	VFD_Chill	0.000189946	0	3.74986E-08
Hsp	W01	3	DMND	9	DmdSATR	VFD_Chill	0.000205078	0	3.7336E-08
Hsp	W02	3	DMND	9	DmdSATR	VFD_Chill	0.000226623	0	3.7667E-08
Hsp	W03	3	DMND	9	DmdSATR	VFD_Chill	0.000260197	0	4.364E-08
Hsp	W04	3	DMND	9	DmdSATR	VFD_Chill	0.00031168	0	3.3559E-08
Hsp	W05	3	DMND	9	DmdSATR	VFD_Chill	0.000267703	0	4.22982E-08
Hsp	W06	3	DMND	9	DmdSATR	VFD_Chill	0.000314931	0	4.28213E-08
Hsp	W07	3	DMND	9	DmdSATR	VFD_Chill	0.000371055	0	5.02749E-08
Hsp	W08	3	DMND	9	DmdSATR	VFD_Chill	0.000349067	0	4.27208E-08
Hsp	W09	3	DMND	9	DmdSATR	VFD_Chill	0.000350249	0	3.91093E-08
Hsp	W10	3	DMND	9	DmdSATR	VFD_Chill	0.000296105	0	3.88463E-08
Hsp	W11	3	DMND	9	DmdSATR	VFD_Chill	0.000250621	0	3.29708E-08
Hsp	W12	3	DMND	9	DmdSATR	VFD_Chill	0.000264334	0	3.53677E-08
Hsp	W13	3	DMND	9	DmdSATR	VFD_Chill	0.000303671	0	3.0376E-08
Hsp	W14	3	DMND	9	DmdSATR	VFD_Chill	0.000245272	0	2.30524E-08
Hsp	W15	3	DMND	9	DmdSATR	VFD_Chill	0.000340525	0	2.10486E-08
Hsp	W16	3	DMND	9	DmdSATR	VFD_Chill	0.000193817	0	4.14411E-08
Hsp	W01	3	DMND	3	NoSATR	No_VFD_Chill	3.22734E-05	0	5.42027E-09
Hsp	W02	3	DMND	3	NoSATR	No_VFD_Chill	3.39875E-05	0	6.76499E-09
Hsp	W03	3	DMND	3	NoSATR	No_VFD_Chill	3.85684E-05	0	6.73248E-09
Hsp	W04	3	DMND	3	NoSATR	No_VFD_Chill	4.63708E-05	0	7.94421E-09
Hsp	W05	3	DMND	3	NoSATR	No_VFD_Chill	3.89526E-05	0	6.17391E-09
Hsp	W06	3	DMND	3	NoSATR	No_VFD_Chill	4.64299E-05	0	6.53447E-09
Hsp	W07	3	DMND	3	NoSATR	No_VFD_Chill	5.32865E-05	0	7.55114E-09
Hsp	W08	3	DMND	3	NoSATR	No_VFD_Chill	4.96809E-05	0	6.92754E-09
Hsp	W09	3	DMND	3	NoSATR	No_VFD_Chill	5.06562E-05	0	7.87919E-09
Hsp	W10	3	DMND	3	NoSATR	No_VFD_Chill	4.27652E-05	0	7.19353E-09
Hsp	W11	3	DMND	3	NoSATR	No_VFD_Chill	3.6677E-05	0	7.19058E-09
Hsp	W12	3	DMND	3	NoSATR	No_VFD_Chill	3.9396E-05	0	7.15807E-09
Hsp	W13	3	DMND	3	NoSATR	No_VFD_Chill	4.48044E-05	0	7.68413E-09
Hsp	W14	3	DMND	3	NoSATR	No_VFD_Chill	3.62336E-05	0	6.632E-09
Hsp	W15	3	DMND	3	NoSATR	No_VFD_Chill	5.09813E-05	0	6.37192E-09
Hsp	W16	3	DMND	3	NoSATR	No_VFD_Chill	2.84017E-05	0	6.66746E-09
Hsp	W01	3	DMND	3	OATSATR	No_VFD_Chill	2.719E-05	0	5.35229E-09
Hsp	W02	3	DMND	3	OATSATR	No_VFD_Chill	3.11503E-05	0	6.76499E-09
Hsp	W03	3	DMND	3	OATSATR	No_VFD_Chill	3.37806E-05	0	6.73248E-09
Hsp	W04	3	DMND	3	OATSATR	No_VFD_Chill	4.16716E-05	0	7.97968E-09
Hsp	W05	3	DMND	3	OATSATR	No_VFD_Chill	3.42239E-05	0	6.23893E-09
Hsp	W06	3	DMND	3	OATSATR	No_VFD_Chill	4.1317E-05	0	6.40147E-09
Hsp	W07	3	DMND	3	OATSATR	No_VFD_Chill	4.90307E-05	0	7.5866E-09
Hsp	W08	3	DMND	3	OATSATR	No_VFD_Chill	4.61048E-05	0	6.96005E-09
Hsp	W09	3	DMND	3	OATSATR	No_VFD_Chill	4.60457E-05	0	7.9117E-09
Hsp	W10	3	DMND	3	OATSATR	No_VFD_Chill	4.02826E-05	0	7.19058E-09
Hsp	W11	3	DMND	3	OATSATR	No_VFD_Chill	3.4815E-05	0	7.19058E-09
Hsp	W12	3	DMND	3	OATSATR	No_VFD_Chill	3.54061E-05	0	7.19353E-09
Hsp	W13	3	DMND	3	OATSATR	No_VFD_Chill	4.23218E-05	0	7.68413E-09



## CHWST Reset db

Hsp	W14	3	DMND	3	OATSATR	No_VFD_Chill	3.42239E-05	0	6.66746E-09
Hsp	W15	3	DMND	3	OATSATR	No_VFD_Chill	4.95331E-05	0	6.37192E-09
Hsp	W16	3	DMND	3	OATSATR	No_VFD_Chill	2.68354E-05	0	6.69702E-09
Hsp	W01	3	DMND	3	DmdSATR	No_VFD_Chill	2.45597E-05	0	5.05971E-09
Hsp	W02	3	DMND	3	DmdSATR	No_VFD_Chill	3.10321E-05	0	6.50196E-09
Hsp	W03	3	DMND	3	DmdSATR	No_VFD_Chill	3.30713E-05	0	6.50196E-09
Hsp	W04	3	DMND	3	DmdSATR	No_VFD_Chill	4.27947E-05	0	7.78166E-09
Hsp	W05	3	DMND	3	DmdSATR	No_VFD_Chill	3.51697E-05	0	6.04387E-09
Hsp	W06	3	DMND	3	DmdSATR	No_VFD_Chill	4.02826E-05	0	6.23893E-09
Hsp	W07	3	DMND	3	DmdSATR	No_VFD_Chill	4.6489E-05	0	7.38859E-09
Hsp	W08	3	DMND	3	DmdSATR	No_VFD_Chill	4.63708E-05	0	6.7975E-09
Hsp	W09	3	DMND	3	DmdSATR	No_VFD_Chill	4.60161E-05	0	7.61911E-09
Hsp	W10	3	DMND	3	DmdSATR	No_VFD_Chill	4.01348E-05	0	7.09305E-09
Hsp	W11	3	DMND	3	DmdSATR	No_VFD_Chill	3.43422E-05	0	6.99552E-09
Hsp	W12	3	DMND	3	DmdSATR	No_VFD_Chill	3.52879E-05	0	6.96301E-09
Hsp	W13	3	DMND	3	DmdSATR	No_VFD_Chill	4.17603E-05	0	7.48907E-09
Hsp	W14	3	DMND	3	DmdSATR	No_VFD_Chill	3.38989E-05	0	6.83001E-09
Hsp	W15	3	DMND	3	DmdSATR	No_VFD_Chill	4.94444E-05	0	6.56698E-09
Hsp	W16	3	DMND	3	DmdSATR	No_VFD_Chill	2.61556E-05	0	6.50196E-09
Hsp	W01	3	DMND	9	NoSATR	No_VFD_Chill	6.90094E-05	0	1.23153E-08
Hsp	W02	3	DMND	9	NoSATR	No_VFD_Chill	7.32357E-05	0	1.3462E-08
Hsp	W03	3	DMND	9	NoSATR	No_VFD_Chill	8.47323E-05	0	1.52707E-08
Hsp	W04	3	DMND	9	NoSATR	No_VFD_Chill	9.77363E-05	0	1.06721E-08
Hsp	W05	3	DMND	9	NoSATR	No_VFD_Chill	8.55599E-05	0	1.50402E-08
Hsp	W06	3	DMND	9	NoSATR	No_VFD_Chill	0.000102701	0	1.45792E-08
Hsp	W07	3	DMND	9	NoSATR	No_VFD_Chill	0.000116503	0	1.57938E-08
Hsp	W08	3	DMND	9	NoSATR	No_VFD_Chill	0.00010944	0	1.54658E-08
Hsp	W09	3	DMND	9	NoSATR	No_VFD_Chill	0.000109528	0	1.45467E-08
Hsp	W10	3	DMND	9	NoSATR	No_VFD_Chill	9.36873E-05	0	1.29064E-08
Hsp	W11	3	DMND	9	NoSATR	No_VFD_Chill	7.96194E-05	0	1.14937E-08
Hsp	W12	3	DMND	9	NoSATR	No_VFD_Chill	8.52052E-05	0	1.18543E-08
Hsp	W13	3	DMND	9	NoSATR	No_VFD_Chill	9.46626E-05	0	1.12632E-08
Hsp	W14	3	DMND	9	NoSATR	No_VFD_Chill	7.71664E-05	0	7.4211E-09
Hsp	W15	3	DMND	9	NoSATR	No_VFD_Chill	0.000103411	0	7.48907E-09
Hsp	W16	3	DMND	9	NoSATR	No_VFD_Chill	6.01727E-05	0	1.3267E-08
Hsp	W01	3	DMND	9	OATSATR	No_VFD_Chill	5.68035E-05	0	1.19193E-08
Hsp	W02	3	DMND	9	OATSATR	No_VFD_Chill	6.56993E-05	0	1.34975E-08
Hsp	W03	3	DMND	9	OATSATR	No_VFD_Chill	7.24377E-05	0	1.54333E-08
Hsp	W04	3	DMND	9	OATSATR	No_VFD_Chill	8.65056E-05	0	1.06721E-08
Hsp	W05	3	DMND	9	OATSATR	No_VFD_Chill	7.27333E-05	0	1.51052E-08
Hsp	W06	3	DMND	9	OATSATR	No_VFD_Chill	9.03477E-05	0	1.48097E-08
Hsp	W07	3	DMND	9	OATSATR	No_VFD_Chill	0.0001061	0	1.59594E-08
Hsp	W08	3	DMND	9	OATSATR	No_VFD_Chill	0.00010013	0	1.54983E-08
Hsp	W09	3	DMND	9	OATSATR	No_VFD_Chill	9.815E-05	0	1.44137E-08
Hsp	W10	3	DMND	9	OATSATR	No_VFD_Chill	8.70967E-05	0	1.29064E-08
Hsp	W11	3	DMND	9	OATSATR	No_VFD_Chill	7.45065E-05	0	1.14937E-08
Hsp	W12	3	DMND	9	OATSATR	No_VFD_Chill	7.53932E-05	0	1.18897E-08
Hsp	W13	3	DMND	9	OATSATR	No_VFD_Chill	8.88404E-05	0	1.12307E-08
Hsp	W14	3	DMND	9	OATSATR	No_VFD_Chill	7.30288E-05	0	7.45361E-09
Hsp	W15	3	DMND	9	OATSATR	No_VFD_Chill	9.84751E-05	0	7.48612E-09
Hsp	W16	3	DMND	9	OATSATR	No_VFD_Chill	5.58282E-05	0	1.3332E-08
Hsp	W01	3	DMND	9	DmdSATR	No_VFD_Chill	5.36707E-05	0	1.14937E-08
Hsp	W02	3	DMND	9	DmdSATR	No_VFD_Chill	6.64678E-05	0	1.36955E-08
Hsp	W03	3	DMND	9	DmdSATR	No_VFD_Chill	7.26151E-05	0	1.55663E-08
Hsp	W04	3	DMND	9	DmdSATR	No_VFD_Chill	9.03181E-05	0	1.18217E-08
Hsp	W05	3	DMND	9	DmdSATR	No_VFD_Chill	7.4743E-05	0	1.41861E-08
Hsp	W06	3	DMND	9	DmdSATR	No_VFD_Chill	8.95497E-05	0	1.44491E-08
Hsp	W07	3	DMND	9	DmdSATR	No_VFD_Chill	0.000102849	0	1.69435E-08
Hsp	W08	3	DMND	9	DmdSATR	No_VFD_Chill	0.000101135	0	1.49752E-08
Hsp	W09	3	DMND	9	DmdSATR	No_VFD_Chill	0.000100071	0	1.41861E-08
Hsp	W10	3	DMND	9	DmdSATR	No_VFD_Chill	8.87222E-05	0	1.42511E-08
Hsp	W11	3	DMND	9	DmdSATR	No_VFD_Chill	7.46248E-05	0	1.20198E-08
Hsp	W12	3	DMND	9	DmdSATR	No_VFD_Chill	7.7196E-05	0	1.24128E-08
Hsp	W13	3	DMND	9	DmdSATR	No_VFD_Chill	8.9993E-05	0	1.10681E-08
Hsp	W14	3	DMND	9	DmdSATR	No_VFD_Chill	7.37086E-05	0	8.53825E-09
Hsp	W15	3	DMND	9	DmdSATR	No_VFD_Chill	0.000103026	0	7.61911E-09
Hsp	W16	3	DMND	9	DmdSATR	No_VFD_Chill	5.60942E-05	0	1.42511E-08
Hsp	W01	5	DMND	3	NoSATR	VFD_Chill	7.14329E-05	0	1.0214E-08
Hsp	W02	5	DMND	3	NoSATR	VFD_Chill	7.50976E-05	0	1.06396E-08
Hsp	W03	5	DMND	3	NoSATR	VFD_Chill	9.1323E-05	0	1.15912E-08
Hsp	W04	5	DMND	3	NoSATR	VFD_Chill	0.000115144	0	1.58618E-08
Hsp	W05	5	DMND	3	NoSATR	VFD_Chill	9.41602E-05	0	1.26759E-08
Hsp	W06	5	DMND	3	NoSATR	VFD_Chill	0.000105332	0	1.24128E-08
Hsp	W07	5	DMND	3	NoSATR	VFD_Chill	0.000130069	0	1.57288E-08
Hsp	W08	5	DMND	3	NoSATR	VFD_Chill	0.000118661	0	1.47122E-08
Hsp	W09	5	DMND	3	NoSATR	VFD_Chill	0.000123537	0	1.52382E-08
Hsp	W10	5	DMND	3	NoSATR	VFD_Chill	9.65245E-05	0	1.23803E-08
Hsp	W11	5	DMND	3	NoSATR	VFD_Chill	7.92943E-05	0	8.40526E-09
Hsp	W12	5	DMND	3	NoSATR	VFD_Chill	9.08501E-05	0	1.25783E-08
Hsp	W13	5	DMND	3	NoSATR	VFD_Chill	0.000103233	0	1.25104E-08
Hsp	W14	5	DMND	3	NoSATR	VFD_Chill	7.56592E-05	0	2.49734E-09
Hsp	W15	5	DMND	3	NoSATR	VFD_Chill	0.000114819	0	5.58282E-09
Hsp	W16	5	DMND	3	NoSATR	VFD_Chill	6.29508E-05	0	1.26079E-08
Hsp	W01	5	DMND	3	OATSATR	VFD_Chill	5.91383E-05	0	1.13932E-08
Hsp	W02	5	DMND	3	OATSATR	VFD_Chill	6.68815E-05	0	1.06721E-08
Hsp	W03	5	DMND	3	OATSATR	VFD_Chill	7.87919E-05	0	1.16267E-08
Hsp	W04	5	DMND	3	OATSATR	VFD_Chill	0.000101933	0	1.58264E-08
Hsp	W05	5	DMND	3	OATSATR	VFD_Chill	8.18951E-05	0	1.27084E-08
Hsp	W06	5	DMND	3	OATSATR	VFD_Chill	9.68496E-05	0	1.28384E-08
Hsp	W07	5	DMND	3	OATSATR	VFD_Chill	0.000121114	0	1.57613E-08
Hsp	W08	5	DMND	3	OATSATR	VFD_Chill	0.000110622	0	1.47092E-08
Hsp	W09	5	DMND	3	OATSATR	VFD_Chill	0.000113311	0	1.52028E-08
Hsp	W10	5	DMND	3	OATSATR	VFD_Chill	9.07614E-05	0	1.24128E-08
Hsp	W11	5	DMND	3	OATSATR	VFD_Chill	7.37972E-05	0	8.43777E-09
Hsp	W12	5	DMND	3	OATSATR	VFD_Chill	8.17474E-05	0	1.25783E-08
Hsp	W13	5	DMND	3	OATSATR	VFD_Chill	9.68496E-05	0	1.25133E-08
Hsp	W14	5	DMND	3	OATSATR	VFD_Chill	7.19649E-05	0	2.65989E-09
Hsp	W15	5	DMND	3	OATSATR	VFD_Chill	0.000110267	0	5.57986E-09

CHWST Reset db

Hsp	W16	5 DMND	3 OATSATR	VFD_Chill	5.80743E-05	0	1.25783E-08
Hsp	W01	5 DMND	3 DmdSATR	VFD_Chill	5.45278E-05	0	1.10681E-08
Hsp	W02	5 DMND	3 DmdSATR	VFD_Chill	6.44581E-05	0	1.11627E-08
Hsp	W03	5 DMND	3 DmdSATR	VFD_Chill	6.97483E-05	0	1.22503E-08
Hsp	W04	5 DMND	3 DmdSATR	VFD_Chill	9.46331E-05	0	1.6979E-08
Hsp	W05	5 DMND	3 DmdSATR	VFD_Chill	7.50681E-05	0	1.31014E-08
Hsp	W06	5 DMND	3 DmdSATR	VFD_Chill	8.92542E-05	0	1.32315E-08
Hsp	W07	5 DMND	3 DmdSATR	VFD_Chill	0.00011009	0	1.64854E-08
Hsp	W08	5 DMND	3 DmdSATR	VFD_Chill	0.000105184	0	1.52028E-08
Hsp	W09	5 DMND	3 DmdSATR	VFD_Chill	0.000107637	0	1.57938E-08
Hsp	W10	5 DMND	3 DmdSATR	VFD_Chill	8.74809E-05	0	1.28709E-08
Hsp	W11	5 DMND	3 DmdSATR	VFD_Chill	7.24377E-05	0	1.04416E-08
Hsp	W12	5 DMND	3 DmdSATR	VFD_Chill	7.84373E-05	0	1.3465E-08
Hsp	W13	5 DMND	3 DmdSATR	VFD_Chill	9.47513E-05	0	1.39556E-08
Hsp	W14	5 DMND	3 DmdSATR	VFD_Chill	7.18762E-05	0	8.43777E-09
Hsp	W15	5 DMND	3 DmdSATR	VFD_Chill	0.000113311	0	6.53447E-09
Hsp	W16	5 DMND	3 DmdSATR	VFD_Chill	5.63897E-05	0	1.31369E-08
Hsp	W01	5 DMND	9 NoSATR	VFD_Chill	0.000188852	0	2.87357E-08
Hsp	W02	5 DMND	9 NoSATR	VFD_Chill	0.000195561	0	2.0558E-08
Hsp	W03	5 DMND	9 NoSATR	VFD_Chill	0.000239538	0	2.60078E-08
Hsp	W04	5 DMND	9 NoSATR	VFD_Chill	0.000277309	0	1.63524E-08
Hsp	W05	5 DMND	9 NoSATR	VFD_Chill	0.000249025	0	3.37245E-08
Hsp	W06	5 DMND	9 NoSATR	VFD_Chill	0.000277249	0	3.02105E-08
Hsp	W07	5 DMND	9 NoSATR	VFD_Chill	0.00033092	0	3.22793E-08
Hsp	W08	5 DMND	9 NoSATR	VFD_Chill	0.000306479	0	2.92263E-08
Hsp	W09	5 DMND	9 NoSATR	VFD_Chill	0.000306567	0	2.46956E-08
Hsp	W10	5 DMND	9 NoSATR	VFD_Chill	0.000249557	0	1.97364E-08
Hsp	W11	5 DMND	9 NoSATR	VFD_Chill	0.00020892	0	1.50402E-08
Hsp	W12	5 DMND	9 NoSATR	VFD_Chill	0.000230258	0	1.87197E-08
Hsp	W13	5 DMND	9 NoSATR	VFD_Chill	0.000251508	0	1.47772E-08
Hsp	W14	5 DMND	9 NoSATR	VFD_Chill	0.000197275	0	2.42937E-09
Hsp	W15	5 DMND	9 NoSATR	VFD_Chill	0.000264482	0	6.23893E-09
Hsp	W16	5 DMND	9 NoSATR	VFD_Chill	0.000162992	0	2.30849E-08
Hsp	W01	5 DMND	9 OATSATR	VFD_Chill	0.000151052	0	3.08666E-08
Hsp	W02	5 DMND	9 OATSATR	VFD_Chill	0.000170617	0	2.05255E-08
Hsp	W03	5 DMND	9 OATSATR	VFD_Chill	0.000201058	0	2.61733E-08
Hsp	W04	5 DMND	9 OATSATR	VFD_Chill	0.000244089	0	1.62549E-08
Hsp	W05	5 DMND	9 OATSATR	VFD_Chill	0.000210457	0	3.38575E-08
Hsp	W06	5 DMND	9 OATSATR	VFD_Chill	0.000252483	0	3.22793E-08
Hsp	W07	5 DMND	9 OATSATR	VFD_Chill	0.00030769	0	3.25748E-08
Hsp	W08	5 DMND	9 OATSATR	VFD_Chill	0.000284461	0	2.92588E-08
Hsp	W09	5 DMND	9 OATSATR	VFD_Chill	0.000279673	0	2.44651E-08
Hsp	W10	5 DMND	9 OATSATR	VFD_Chill	0.000230613	0	1.97039E-08
Hsp	W11	5 DMND	9 OATSATR	VFD_Chill	0.000191305	0	1.50077E-08
Hsp	W12	5 DMND	9 OATSATR	VFD_Chill	0.000202418	0	1.86192E-08
Hsp	W13	5 DMND	9 OATSATR	VFD_Chill	0.000232534	0	1.47772E-08
Hsp	W14	5 DMND	9 OATSATR	VFD_Chill	0.000184271	0	2.59487E-09
Hsp	W15	5 DMND	9 OATSATR	VFD_Chill	0.000249705	0	6.23893E-09
Hsp	W16	5 DMND	9 OATSATR	VFD_Chill	0.000148186	0	2.31499E-08
Hsp	W01	5 DMND	9 DmdSATR	VFD_Chill	0.000135773	0	2.93238E-08
Hsp	W02	5 DMND	9 DmdSATR	VFD_Chill	0.000166627	0	2.58423E-08
Hsp	W03	5 DMND	9 DmdSATR	VFD_Chill	0.000177622	0	3.21167E-08
Hsp	W04	5 DMND	9 DmdSATR	VFD_Chill	0.0002328	0	2.43025E-08
Hsp	W05	5 DMND	9 DmdSATR	VFD_Chill	0.000193522	0	3.52672E-08
Hsp	W06	5 DMND	9 DmdSATR	VFD_Chill	0.000231677	0	3.41176E-08
Hsp	W07	5 DMND	9 DmdSATR	VFD_Chill	0.00028053	0	4.00284E-08
Hsp	W08	5 DMND	9 DmdSATR	VFD_Chill	0.000271605	0	3.09316E-08
Hsp	W09	5 DMND	9 DmdSATR	VFD_Chill	0.000270807	0	2.63684E-08
Hsp	W10	5 DMND	9 DmdSATR	VFD_Chill	0.000229165	0	2.7057E-08
Hsp	W11	5 DMND	9 DmdSATR	VFD_Chill	0.000190478	0	2.036E-08
Hsp	W12	5 DMND	9 DmdSATR	VFD_Chill	0.000199847	0	2.44976E-08
Hsp	W13	5 DMND	9 DmdSATR	VFD_Chill	0.000235844	0	1.74046E-08
Hsp	W14	5 DMND	9 DmdSATR	VFD_Chill	0.00018835	0	8.89882E-09
Hsp	W15	5 DMND	9 DmdSATR	VFD_Chill	0.000271191	0	7.35608E-09
Hsp	W16	5 DMND	9 DmdSATR	VFD_Chill	0.000145851	0	3.12626E-08
Hsp	W01	5 DMND	3 NoSATR	No_VFD_Chill	2.10427E-05	0	3.05297E-09
Hsp	W02	5 DMND	3 NoSATR	No_VFD_Chill	2.24613E-05	0	3.25098E-09
Hsp	W03	5 DMND	3 NoSATR	No_VFD_Chill	2.6658E-05	0	3.57903E-09
Hsp	W04	5 DMND	3 NoSATR	No_VFD_Chill	3.2894E-05	0	4.56319E-09
Hsp	W05	5 DMND	3 NoSATR	No_VFD_Chill	2.74264E-05	0	4.04008E-09
Hsp	W06	5 DMND	3 NoSATR	No_VFD_Chill	3.05888E-05	0	3.77705E-09
Hsp	W07	5 DMND	3 NoSATR	No_VFD_Chill	3.64701E-05	0	4.69323E-09
Hsp	W08	5 DMND	3 NoSATR	No_VFD_Chill	3.39875E-05	0	4.49817E-09
Hsp	W09	5 DMND	3 NoSATR	No_VFD_Chill	3.49924E-05	0	4.49817E-09
Hsp	W10	5 DMND	3 NoSATR	No_VFD_Chill	2.83722E-05	0	3.90709E-09
Hsp	W11	5 DMND	3 NoSATR	No_VFD_Chill	2.37913E-05	0	2.59487E-09
Hsp	W12	5 DMND	3 NoSATR	No_VFD_Chill	2.62147E-05	0	3.70907E-09
Hsp	W13	5 DMND	3 NoSATR	No_VFD_Chill	2.97908E-05	0	3.61154E-09
Hsp	W14	5 DMND	3 NoSATR	No_VFD_Chill	2.27569E-05	0	7.24082E-10
Hsp	W15	5 DMND	3 NoSATR	No_VFD_Chill	3.25985E-05	0	1.57525E-09
Hsp	W16	5 DMND	3 NoSATR	No_VFD_Chill	1.87966E-05	0	3.87458E-09
Hsp	W01	5 DMND	3 OATSATR	No_VFD_Chill	1.78804E-05	0	3.61154E-09
Hsp	W02	5 DMND	3 OATSATR	No_VFD_Chill	2.05698E-05	0	3.25098E-09
Hsp	W03	5 DMND	3 OATSATR	No_VFD_Chill	2.38208E-05	0	3.61154E-09
Hsp	W04	5 DMND	3 OATSATR	No_VFD_Chill	3.00272E-05	0	4.53068E-09
Hsp	W05	5 DMND	3 OATSATR	No_VFD_Chill	2.47961E-05	0	4.04008E-09
Hsp	W06	5 DMND	3 OATSATR	No_VFD_Chill	2.86382E-05	0	3.94255E-09
Hsp	W07	5 DMND	3 OATSATR	No_VFD_Chill	3.45195E-05	0	4.7287E-09
Hsp	W08	5 DMND	3 OATSATR	No_VFD_Chill	3.19483E-05	0	4.46566E-09
Hsp	W09	5 DMND	3 OATSATR	No_VFD_Chill	3.21256E-05	0	4.46566E-09
Hsp	W10	5 DMND	3 OATSATR	No_VFD_Chill	2.73378E-05	0	3.87458E-09
Hsp	W11	5 DMND	3 OATSATR	No_VFD_Chill	2.23727E-05	0	2.59487E-09
Hsp	W12	5 DMND	3 OATSATR	No_VFD_Chill	2.4205E-05	0	3.71203E-09
Hsp	W13	5 DMND	3 OATSATR	No_VFD_Chill	2.85495E-05	0	3.64701E-09
Hsp	W14	5 DMND	3 OATSATR	No_VFD_Chill	2.18407E-05	0	7.56592E-10
Hsp	W15	5 DMND	3 OATSATR	No_VFD_Chill	3.18005E-05	0	1.57525E-09
Hsp	W16	5 DMND	3 OATSATR	No_VFD_Chill	1.75257E-05	0	3.87458E-09
Hsp	W01	5 DMND	3 DmdSATR	No_VFD_Chill	1.36541E-05	0	2.72491E-09

## CHWST Reset db

Hsp	W02	5	DMND	3	DmdSATR	No_VFD_Chill	1.76735E-05	0	3.67656E-09
Hsp	W03	5	DMND	3	DmdSATR	No_VFD_Chill	1.66982E-05	0	4.06964E-09
Hsp	W04	5	DMND	3	DmdSATR	No_VFD_Chill	2.41755E-05	0	5.18975E-09
Hsp	W05	5	DMND	3	DmdSATR	No_VFD_Chill	1.79395E-05	0	4.23514E-09
Hsp	W06	5	DMND	3	DmdSATR	No_VFD_Chill	2.06585E-05	0	4.04008E-09
Hsp	W07	5	DMND	3	DmdSATR	No_VFD_Chill	2.53281E-05	0	5.12177E-09
Hsp	W08	5	DMND	3	DmdSATR	No_VFD_Chill	2.60965E-05	0	4.76416E-09
Hsp	W09	5	DMND	3	DmdSATR	No_VFD_Chill	2.65989E-05	0	4.86169E-09
Hsp	W10	5	DMND	3	DmdSATR	No_VFD_Chill	2.33184E-05	0	4.2706E-09
Hsp	W11	5	DMND	3	DmdSATR	No_VFD_Chill	2.04221E-05	0	3.38102E-09
Hsp	W12	5	DMND	3	DmdSATR	No_VFD_Chill	2.0954E-05	0	4.17012E-09
Hsp	W13	5	DMND	3	DmdSATR	No_VFD_Chill	2.60669E-05	0	4.23514E-09
Hsp	W14	5	DMND	3	DmdSATR	No_VFD_Chill	2.05698E-05	0	2.56236E-09
Hsp	W15	5	DMND	3	DmdSATR	No_VFD_Chill	3.08252E-05	0	1.87375E-09
Hsp	W16	5	DMND	3	DmdSATR	No_VFD_Chill	1.56047E-05	0	4.2381E-09
Hsp	W01	5	DMND	9	NoSATR	No_VFD_Chill	5.37594E-05	0	7.02803E-09
Hsp	W02	5	DMND	9	NoSATR	No_VFD_Chill	5.44687E-05	0	5.02424E-09
Hsp	W03	5	DMND	9	NoSATR	No_VFD_Chill	6.54334E-05	0	6.33645E-09
Hsp	W04	5	DMND	9	NoSATR	No_VFD_Chill	7.4743E-05	0	4.63117E-09
Hsp	W05	5	DMND	9	NoSATR	No_VFD_Chill	6.82115E-05	0	8.66829E-09
Hsp	W06	5	DMND	9	NoSATR	No_VFD_Chill	7.33835E-05	0	7.32357E-09
Hsp	W07	5	DMND	9	NoSATR	No_VFD_Chill	8.5619E-05	0	8.30773E-09
Hsp	W08	5	DMND	9	NoSATR	No_VFD_Chill	8.12154E-05	0	8.24271E-09
Hsp	W09	5	DMND	9	NoSATR	No_VFD_Chill	7.9915E-05	0	6.59949E-09
Hsp	W10	5	DMND	9	NoSATR	No_VFD_Chill	6.73248E-05	0	5.71286E-09
Hsp	W11	5	DMND	9	NoSATR	No_VFD_Chill	5.77788E-05	0	4.13761E-09
Hsp	W12	5	DMND	9	NoSATR	No_VFD_Chill	6.18573E-05	0	4.82623E-09
Hsp	W13	5	DMND	9	NoSATR	No_VFD_Chill	6.67042E-05	0	4.07259E-09
Hsp	W14	5	DMND	9	NoSATR	No_VFD_Chill	5.50598E-05	0	6.59062E-10
Hsp	W15	5	DMND	9	NoSATR	No_VFD_Chill	6.90685E-05	0	1.70824E-09
Hsp	W16	5	DMND	9	NoSATR	No_VFD_Chill	4.57501E-05	0	6.30394E-09
Hsp	W01	5	DMND	9	OATSATR	No_VFD_Chill	4.48044E-05	0	8.86631E-09
Hsp	W02	5	DMND	9	OATSATR	No_VFD_Chill	4.88534E-05	0	5.05675E-09
Hsp	W03	5	DMND	9	OATSATR	No_VFD_Chill	5.67739E-05	0	6.43694E-09
Hsp	W04	5	DMND	9	OATSATR	No_VFD_Chill	6.75317E-05	0	4.56319E-09
Hsp	W05	5	DMND	9	OATSATR	No_VFD_Chill	5.96703E-05	0	8.80129E-09
Hsp	W06	5	DMND	9	OATSATR	No_VFD_Chill	6.85661E-05	0	8.2102E-09
Hsp	W07	5	DMND	9	OATSATR	No_VFD_Chill	8.15109E-05	0	8.44073E-09
Hsp	W08	5	DMND	9	OATSATR	No_VFD_Chill	7.65458E-05	0	8.2102E-09
Hsp	W09	5	DMND	9	OATSATR	No_VFD_Chill	7.37381E-05	0	6.56698E-09
Hsp	W10	5	DMND	9	OATSATR	No_VFD_Chill	6.41034E-05	0	5.68035E-09
Hsp	W11	5	DMND	9	OATSATR	No_VFD_Chill	5.36707E-05	0	4.1051E-09
Hsp	W12	5	DMND	9	OATSATR	No_VFD_Chill	5.56213E-05	0	4.79372E-09
Hsp	W13	5	DMND	9	OATSATR	No_VFD_Chill	6.2803E-05	0	4.1051E-09
Hsp	W14	5	DMND	9	OATSATR	No_VFD_Chill	5.18975E-05	0	6.91572E-10
Hsp	W15	5	DMND	9	OATSATR	No_VFD_Chill	6.62313E-05	0	1.70824E-09
Hsp	W16	5	DMND	9	OATSATR	No_VFD_Chill	4.22332E-05	0	6.30394E-09
Hsp	W01	5	DMND	9	DmdSATR	No_VFD_Chill	2.852E-05	0	5.71286E-09
Hsp	W02	5	DMND	9	DmdSATR	No_VFD_Chill	4.13761E-05	0	6.66451E-09
Hsp	W03	5	DMND	9	DmdSATR	No_VFD_Chill	3.52584E-05	0	8.30773E-09
Hsp	W04	5	DMND	9	DmdSATR	No_VFD_Chill	5.29023E-05	0	6.9305E-09
Hsp	W05	5	DMND	9	DmdSATR	No_VFD_Chill	4.01644E-05	0	9.85047E-09
Hsp	W06	5	DMND	9	DmdSATR	No_VFD_Chill	4.51295E-05	0	8.9993E-09
Hsp	W07	5	DMND	9	DmdSATR	No_VFD_Chill	5.438E-05	0	1.02761E-08
Hsp	W08	5	DMND	9	DmdSATR	No_VFD_Chill	6.08524E-05	0	8.9993E-09
Hsp	W09	5	DMND	9	DmdSATR	No_VFD_Chill	5.89018E-05	0	7.48907E-09
Hsp	W10	5	DMND	9	DmdSATR	No_VFD_Chill	5.50302E-05	0	7.61911E-09
Hsp	W11	5	DMND	9	DmdSATR	No_VFD_Chill	4.8676E-05	0	5.57986E-09
Hsp	W12	5	DMND	9	DmdSATR	No_VFD_Chill	4.82918E-05	0	6.50196E-09
Hsp	W13	5	DMND	9	DmdSATR	No_VFD_Chill	5.80448E-05	0	4.95627E-09
Hsp	W14	5	DMND	9	DmdSATR	No_VFD_Chill	4.89716E-05	0	2.56236E-09
Hsp	W15	5	DMND	9	DmdSATR	No_VFD_Chill	6.66451E-05	0	2.00379E-09
Hsp	W16	5	DMND	9	DmdSATR	No_VFD_Chill	3.79182E-05	0	8.40822E-09
Eun	W01	75	DMND	3	NoSATR	VFD_Chill	0.000223483	0	4.13406E-08
Eun	W02	75	DMND	3	NoSATR	VFD_Chill	0.000251158	0	3.47361E-08
Eun	W03	75	DMND	3	NoSATR	VFD_Chill	0.000270435	0	4.60726E-08
Eun	W04	75	DMND	3	NoSATR	VFD_Chill	0.00031659	0	4.49172E-08
Eun	W05	75	DMND	3	NoSATR	VFD_Chill	0.000260291	0	4.0694E-08
Eun	W06	75	DMND	3	NoSATR	VFD_Chill	0.000289743	0	4.39304E-08
Eun	W07	75	DMND	3	NoSATR	VFD_Chill	0.000316529	0	4.75713E-08
Eun	W08	75	DMND	3	NoSATR	VFD_Chill	0.00033219	0	4.84907E-08
Eun	W09	75	DMND	3	NoSATR	VFD_Chill	0.000344081	0	5.29867E-08
Eun	W10	75	DMND	3	NoSATR	VFD_Chill	0.000315334	0	3.31669E-08
Eun	W11	75	DMND	3	NoSATR	VFD_Chill	0.000257747	0	3.21126E-08
Eun	W12	75	DMND	3	NoSATR	VFD_Chill	0.000269485	0	1.35187E-08
Eun	W13	75	DMND	3	NoSATR	VFD_Chill	0.000310921	0	3.74239E-08
Eun	W14	75	DMND	3	NoSATR	VFD_Chill	0.000270741	0	6.46972E-09
Eun	W15	75	DMND	3	NoSATR	VFD_Chill	0.000357352	0	4.66457E-09
Eun	W16	75	DMND	3	NoSATR	VFD_Chill	0.000192559	0	4.22938E-08
Eun	W01	75	DMND	3	OATSATR	VFD_Chill	0.000195195	0	4.00136E-08
Eun	W02	75	DMND	3	OATSATR	VFD_Chill	0.000239052	0	3.50058E-08
Eun	W03	75	DMND	3	OATSATR	VFD_Chill	0.000252475	0	4.42368E-08
Eun	W04	75	DMND	3	OATSATR	VFD_Chill	0.000300163	0	4.61401E-08
Eun	W05	75	DMND	3	OATSATR	VFD_Chill	0.000249595	0	4.03538E-08
Eun	W06	75	DMND	3	OATSATR	VFD_Chill	0.000285299	0	4.34523E-08
Eun	W07	75	DMND	3	OATSATR	VFD_Chill	0.000312606	0	4.69951E-08
Eun	W08	75	DMND	3	OATSATR	VFD_Chill	0.000327041	0	4.78104E-08
Eun	W09	75	DMND	3	OATSATR	VFD_Chill	0.000338105	0	5.25086E-08
Eun	W10	75	DMND	3	OATSATR	VFD_Chill	0.000309082	0	3.63022E-08
Eun	W11	75	DMND	3	OATSATR	VFD_Chill	0.00024699	0	3.11227E-08
Eun	W12	75	DMND	3	OATSATR	VFD_Chill	0.000258207	0	1.90353E-08
Eun	W13	75	DMND	3	OATSATR	VFD_Chill	0.000299458	0	4.73323E-08
Eun	W14	75	DMND	3	OATSATR	VFD_Chill	0.000262957	0	5.78628E-09
Eun	W15	75	DMND	3	OATSATR	VFD_Chill	0.000355176	0	4.79942E-09
Eun	W16	75	DMND	3	OATSATR	VFD_Chill	0.000185418	0	4.14418E-08
Eun	W01	75	DMND	3	DmdSATR	VFD_Chill	0.000185418	0	3.77641E-08
Eun	W02	75	DMND	3	DmdSATR	VFD_Chill	0.000234547	0	3.45981E-08
Eun	W03	75	DMND	3	DmdSATR	VFD_Chill	0.000242117	0	4.53585E-08

CHWST Reset db

Eun	W04	75	DMND	3	DmdSATR	VFD_Chill	0.000291613	0	4.89351E-08
Eun	W05	75	DMND	3	DmdSATR	VFD_Chill	0.000245917	0	3.9842E-08
Eun	W06	75	DMND	3	DmdSATR	VFD_Chill	0.000277453	0	4.35534E-08
Eun	W07	75	DMND	3	DmdSATR	VFD_Chill	0.000307243	0	4.67867E-08
Eun	W08	75	DMND	3	DmdSATR	VFD_Chill	0.000320636	0	4.79483E-08
Eun	W09	75	DMND	3	DmdSATR	VFD_Chill	0.000332313	0	5.25761E-08
Eun	W10	75	DMND	3	DmdSATR	VFD_Chill	0.000303964	0	3.52448E-08
Eun	W11	75	DMND	3	DmdSATR	VFD_Chill	0.000243342	0	3.12943E-08
Eun	W12	75	DMND	3	DmdSATR	VFD_Chill	0.00025315	0	1.80147E-08
Eun	W13	75	DMND	3	DmdSATR	VFD_Chill	0.000295934	0	4.77062E-08
Eun	W14	75	DMND	3	DmdSATR	VFD_Chill	0.000260383	0	5.41238E-09
Eun	W15	75	DMND	3	DmdSATR	VFD_Chill	0.000353582	0	-4.90363E-09
Eun	W16	75	DMND	3	DmdSATR	VFD_Chill	0.000183212	0	4.16808E-08
Eun	W01	75	DMND	9	NoSATR	VFD_Chill	0.000481138	0	9.54184E-08
Eun	W02	75	DMND	9	NoSATR	VFD_Chill	0.000538204	0	4.52574E-08
Eun	W03	75	DMND	9	NoSATR	VFD_Chill	0.000590274	0	7.75018E-08
Eun	W04	75	DMND	9	NoSATR	VFD_Chill	0.000655584	0	7.22273E-08
Eun	W05	75	DMND	9	NoSATR	VFD_Chill	0.000568116	0	1.00013E-07
Eun	W06	75	DMND	9	NoSATR	VFD_Chill	0.000633303	0	9.91973E-08
Eun	W07	75	DMND	9	NoSATR	VFD_Chill	0.000688255	0	9.37144E-08
Eun	W08	75	DMND	9	NoSATR	VFD_Chill	0.000720281	0	9.2182E-08
Eun	W09	75	DMND	9	NoSATR	VFD_Chill	0.000724296	0	9.26234E-08
Eun	W10	75	DMND	9	NoSATR	VFD_Chill	0.000676363	0	4.4813E-08
Eun	W11	75	DMND	9	NoSATR	VFD_Chill	0.000545069	0	3.13955E-08
Eun	W12	75	DMND	9	NoSATR	VFD_Chill	0.000572406	0	1.26667E-08
Eun	W13	75	DMND	9	NoSATR	VFD_Chill	0.00064547	0	4.23275E-08
Eun	W14	75	DMND	9	NoSATR	VFD_Chill	0.000573786	0	5.31124E-09
Eun	W15	75	DMND	9	NoSATR	VFD_Chill	0.000746179	0	-5.92419E-09
Eun	W16	75	DMND	9	NoSATR	VFD_Chill	0.000412334	0	8.95586E-08
Eun	W01	75	DMND	9	OATSATR	VFD_Chill	0.000412272	0	8.7447E-08
Eun	W02	75	DMND	9	OATSATR	VFD_Chill	0.000506667	0	4.73323E-08
Eun	W03	75	DMND	9	OATSATR	VFD_Chill	0.000542494	0	1.00491E-07
Eun	W04	75	DMND	9	OATSATR	VFD_Chill	0.000646053	0	8.45538E-08
Eun	W05	75	DMND	9	OATSATR	VFD_Chill	0.000538786	0	9.82779E-08
Eun	W06	75	DMND	9	OATSATR	VFD_Chill	0.000615742	0	1.05293E-07
Eun	W07	75	DMND	9	OATSATR	VFD_Chill	0.000687151	0	1.11591E-07
Eun	W08	75	DMND	9	OATSATR	VFD_Chill	0.000721446	0	9.80051E-08
Eun	W09	75	DMND	9	OATSATR	VFD_Chill	0.000716634	0	9.17377E-08
Eun	W10	75	DMND	9	OATSATR	VFD_Chill	0.000667905	0	5.50647E-08
Eun	W11	75	DMND	9	OATSATR	VFD_Chill	0.000524136	0	2.98968E-08
Eun	W12	75	DMND	9	OATSATR	VFD_Chill	0.000547153	0	1.68225E-08
Eun	W13	75	DMND	9	OATSATR	VFD_Chill	0.000640076	0	6.8991E-08
Eun	W14	75	DMND	9	OATSATR	VFD_Chill	0.000553497	0	4.18647E-09
Eun	W15	75	DMND	9	OATSATR	VFD_Chill	0.000757365	0	-6.02533E-09
Eun	W16	75	DMND	9	OATSATR	VFD_Chill	0.00039701	0	8.9626E-08
Eun	W01	75	DMND	9	DmdSATR	VFD_Chill	0.000387846	0	8.37018E-08
Eun	W02	75	DMND	9	DmdSATR	VFD_Chill	0.000494531	0	4.88677E-08
Eun	W03	75	DMND	9	DmdSATR	VFD_Chill	0.000517118	0	1.00114E-07
Eun	W04	75	DMND	9	DmdSATR	VFD_Chill	0.000627358	0	8.71742E-08
Eun	W05	75	DMND	9	DmdSATR	VFD_Chill	0.000525424	0	9.77323E-08
Eun	W06	75	DMND	9	DmdSATR	VFD_Chill	0.000597323	0	1.05701E-07
Eun	W07	75	DMND	9	DmdSATR	VFD_Chill	0.000668272	0	1.10807E-07
Eun	W08	75	DMND	9	DmdSATR	VFD_Chill	0.000705969	0	9.86518E-08
Eun	W09	75	DMND	9	DmdSATR	VFD_Chill	0.00069846	0	9.24517E-08
Eun	W10	75	DMND	9	DmdSATR	VFD_Chill	0.00065304	0	4.92079E-08
Eun	W11	75	DMND	9	DmdSATR	VFD_Chill	0.000515003	0	3.01726E-08
Eun	W12	75	DMND	9	DmdSATR	VFD_Chill	0.000534587	0	1.62095E-08
Eun	W13	75	DMND	9	DmdSATR	VFD_Chill	0.000630085	0	6.96376E-08
Eun	W14	75	DMND	9	DmdSATR	VFD_Chill	0.000544854	0	4.15276E-09
Eun	W15	75	DMND	9	DmdSATR	VFD_Chill	0.000749703	0	-5.89048E-09
Eun	W16	75	DMND	9	DmdSATR	VFD_Chill	0.000390604	0	9.05792E-08
Eun	W01	75	DMND	3	NoSATR	No_VFD_Chill	6.91718E-05	0	1.29057E-08
Eun	W02	75	DMND	3	NoSATR	No_VFD_Chill	7.91323E-05	0	1.36229E-08
Eun	W03	75	DMND	3	NoSATR	No_VFD_Chill	8.53844E-05	0	1.78094E-08
Eun	W04	75	DMND	3	NoSATR	No_VFD_Chill	9.89E-05	0	1.60379E-08
Eun	W05	75	DMND	3	NoSATR	No_VFD_Chill	8.42504E-05	0	1.47446E-08
Eun	W06	75	DMND	3	NoSATR	No_VFD_Chill	9.68466E-05	0	1.64823E-08
Eun	W07	75	DMND	3	NoSATR	No_VFD_Chill	0.000103926	0	1.74355E-08
Eun	W08	75	DMND	3	NoSATR	No_VFD_Chill	0.000106194	0	1.73313E-08
Eun	W09	75	DMND	3	NoSATR	No_VFD_Chill	0.000109565	0	1.9308E-08
Eun	W10	75	DMND	3	NoSATR	No_VFD_Chill	0.00010362	0	1.32122E-08
Eun	W11	75	DMND	3	NoSATR	No_VFD_Chill	8.24422E-05	0	1.1781E-08
Eun	W12	75	DMND	3	NoSATR	No_VFD_Chill	8.38214E-05	0	5.31124E-09
Eun	W13	75	DMND	3	NoSATR	No_VFD_Chill	0.000100402	0	1.37577E-08
Eun	W14	75	DMND	3	NoSATR	No_VFD_Chill	8.8112E-05	0	1.63659E-09
Eun	W15	75	DMND	3	NoSATR	No_VFD_Chill	0.000115879	0	-2.28019E-09
Eun	W16	75	DMND	3	NoSATR	No_VFD_Chill	6.01001E-05	0	1.56303E-08
Eun	W01	75	DMND	3	OATSATR	No_VFD_Chill	6.03759E-05	0	1.32796E-08
Eun	W02	75	DMND	3	OATSATR	No_VFD_Chill	7.53626E-05	0	1.31448E-08
Eun	W03	75	DMND	3	OATSATR	No_VFD_Chill	7.84274E-05	0	1.64455E-08
Eun	W04	75	DMND	3	OATSATR	No_VFD_Chill	9.35367E-05	0	1.51553E-08
Eun	W05	75	DMND	3	OATSATR	No_VFD_Chill	7.98678E-05	0	1.39968E-08
Eun	W06	75	DMND	3	OATSATR	No_VFD_Chill	9.36593E-05	0	1.50511E-08
Eun	W07	75	DMND	3	OATSATR	No_VFD_Chill	9.85016E-05	0	1.64486E-08
Eun	W08	75	DMND	3	OATSATR	No_VFD_Chill	0.000102516	0	1.64455E-08
Eun	W09	75	DMND	3	OATSATR	No_VFD_Chill	0.000106286	0	1.84254E-08
Eun	W10	75	DMND	3	OATSATR	No_VFD_Chill	0.000100923	0	1.35861E-08
Eun	W11	75	DMND	3	OATSATR	No_VFD_Chill	7.85806E-05	0	1.10669E-08
Eun	W12	75	DMND	3	OATSATR	No_VFD_Chill	8.06034E-05	0	8.37601E-09
Eun	W13	75	DMND	3	OATSATR	No_VFD_Chill	9.55288E-05	0	1.7129E-08
Eun	W14	75	DMND	3	OATSATR	No_VFD_Chill	8.50473E-05	0	1.22591E-09
Eun	W15	75	DMND	3	OATSATR	No_VFD_Chill	0.00011355	0	-2.28019E-09
Eun	W16	75	DMND	3	OATSATR	No_VFD_Chill	5.81693E-05	0	1.47477E-08
Eun	W01	75	DMND	3	DmdSATR	No_VFD_Chill	5.75563E-05	0	1.19526E-08
Eun	W02	75	DMND	3	DmdSATR	No_VFD_Chill	7.35237E-05	0	1.32459E-08
Eun	W03	75	DMND	3	DmdSATR	No_VFD_Chill	7.52094E-05	0	1.74017E-08
Eun	W04	75	DMND	3	DmdSATR	No_VFD_Chill	9.02267E-05	0	1.84928E-08
Eun	W05	75	DMND	3	DmdSATR	No_VFD_Chill	7.9071E-05	0	1.3724E-08



CHWST Reset db

Eun	W06	75	DMND	3	DmdSATR	No_VFD_Chill	8.84185E-05	0	1.4573E-08
Eun	W07	75	DMND	3	DmdSATR	No_VFD_Chill	9.70612E-05	0	1.64486E-08
Eun	W08	75	DMND	3	DmdSATR	No_VFD_Chill	9.90533E-05	0	1.69941E-08
Eun	W09	75	DMND	3	DmdSATR	No_VFD_Chill	0.000104202	0	1.86277E-08
Eun	W10	75	DMND	3	DmdSATR	No_VFD_Chill	9.84096E-05	0	1.40305E-08
Eun	W11	75	DMND	3	DmdSATR	No_VFD_Chill	7.67724E-05	0	1.13396E-08
Eun	W12	75	DMND	3	DmdSATR	No_VFD_Chill	7.83354E-05	0	9.0901E-09
Eun	W13	75	DMND	3	DmdSATR	No_VFD_Chill	9.4119E-05	0	1.75366E-08
Eun	W14	75	DMND	3	DmdSATR	No_VFD_Chill	8.39133E-05	0	1.25962E-09
Eun	W15	75	DMND	3	DmdSATR	No_VFD_Chill	0.000112446	0	-2.28325E-09
Eun	W16	75	DMND	3	DmdSATR	No_VFD_Chill	5.73111E-05	0	1.50848E-08
Eun	W01	75	DMND	9	NoSATR	No_VFD_Chill	0.000145239	0	2.9388E-08
Eun	W02	75	DMND	9	NoSATR	No_VFD_Chill	0.000166049	0	1.74355E-08
Eun	W03	75	DMND	9	NoSATR	No_VFD_Chill	0.000182905	0	2.93206E-08
Eun	W04	75	DMND	9	NoSATR	No_VFD_Chill	0.000199332	0	2.59831E-08
Eun	W05	75	DMND	9	NoSATR	No_VFD_Chill	0.000178798	0	3.56861E-08
Eun	W06	75	DMND	9	NoSATR	No_VFD_Chill	0.000206228	0	3.60263E-08
Eun	W07	75	DMND	9	NoSATR	No_VFD_Chill	0.000221154	0	3.3881E-08
Eun	W08	75	DMND	9	NoSATR	No_VFD_Chill	0.000225965	0	3.32343E-08
Eun	W09	75	DMND	9	NoSATR	No_VFD_Chill	0.000226027	0	3.38503E-08
Eun	W10	75	DMND	9	NoSATR	No_VFD_Chill	0.00021576	0	1.83212E-08
Eun	W11	75	DMND	9	NoSATR	No_VFD_Chill	0.000168286	0	1.08278E-08
Eun	W12	75	DMND	9	NoSATR	No_VFD_Chill	0.000174569	0	4.63086E-09
Eun	W13	75	DMND	9	NoSATR	No_VFD_Chill	0.000199394	0	1.50174E-08
Eun	W14	75	DMND	9	NoSATR	No_VFD_Chill	0.000179442	0	7.50868E-10
Eun	W15	75	DMND	9	NoSATR	No_VFD_Chill	0.000235129	0	-3.33753E-09
Eun	W16	75	DMND	9	NoSATR	No_VFD_Chill	0.000125533	0	3.17724E-08
Eun	W01	75	DMND	9	OATSATR	No_VFD_Chill	0.000125196	0	2.80916E-08
Eun	W02	75	DMND	9	OATSATR	No_VFD_Chill	0.000155629	0	1.7129E-08
Eun	W03	75	DMND	9	OATSATR	No_VFD_Chill	0.000164854	0	3.6912E-08
Eun	W04	75	DMND	9	OATSATR	No_VFD_Chill	0.000195042	0	2.7209E-08
Eun	W05	75	DMND	9	OATSATR	No_VFD_Chill	0.000167673	0	3.3385E-08
Eun	W06	75	DMND	9	OATSATR	No_VFD_Chill	0.000195134	0	3.55176E-08
Eun	W07	75	DMND	9	OATSATR	No_VFD_Chill	0.000213522	0	3.8138E-08
Eun	W08	75	DMND	9	OATSATR	No_VFD_Chill	0.000222012	0	3.40526E-08
Eun	W09	75	DMND	9	OATSATR	No_VFD_Chill	0.000220326	0	3.19778E-08
Eun	W10	75	DMND	9	OATSATR	No_VFD_Chill	0.000210887	0	2.1625E-08
Eun	W11	75	DMND	9	OATSATR	No_VFD_Chill	0.000160011	0	9.70612E-09
Eun	W12	75	DMND	9	OATSATR	No_VFD_Chill	0.000164609	0	6.50343E-09
Eun	W13	75	DMND	9	OATSATR	No_VFD_Chill	0.000195318	0	2.36661E-08
Eun	W14	75	DMND	9	OATSATR	No_VFD_Chill	0.000172608	0	-3.37124E-11
Eun	W15	75	DMND	9	OATSATR	No_VFD_Chill	0.00023614	0	-3.33753E-09
Eun	W16	75	DMND	9	OATSATR	No_VFD_Chill	0.000119986	0	3.0378E-08
Eun	W01	75	DMND	9	DmdSATR	No_VFD_Chill	0.00011781	0	2.60505E-08
Eun	W02	75	DMND	9	DmdSATR	No_VFD_Chill	0.000150695	0	1.90016E-08
Eun	W03	75	DMND	9	DmdSATR	No_VFD_Chill	0.000157314	0	3.76629E-08
Eun	W04	75	DMND	9	DmdSATR	No_VFD_Chill	0.00018741	0	3.05802E-08
Eun	W05	75	DMND	9	DmdSATR	No_VFD_Chill	0.000162831	0	3.2793E-08
Eun	W06	75	DMND	9	DmdSATR	No_VFD_Chill	0.000185388	0	3.45277E-08
Eun	W07	75	DMND	9	DmdSATR	No_VFD_Chill	0.000206412	0	3.78683E-08
Eun	W08	75	DMND	9	DmdSATR	No_VFD_Chill	0.000215361	0	3.4972E-08
Eun	W09	75	DMND	9	DmdSATR	No_VFD_Chill	0.000212787	0	3.27256E-08
Eun	W10	75	DMND	9	DmdSATR	No_VFD_Chill	0.000203531	0	1.98536E-08
Eun	W11	75	DMND	9	DmdSATR	No_VFD_Chill	0.000155966	0	1.01137E-08
Eun	W12	75	DMND	9	DmdSATR	No_VFD_Chill	0.000159552	0	7.6282E-09
Eun	W13	75	DMND	9	DmdSATR	No_VFD_Chill	0.000191425	0	2.43496E-08
Eun	W14	75	DMND	9	DmdSATR	No_VFD_Chill	0.000168532	0	2.69699E-10
Eun	W15	75	DMND	9	DmdSATR	No_VFD_Chill	0.0002309	0	-3.13219E-09
Eun	W16	75	DMND	9	DmdSATR	No_VFD_Chill	0.000117381	0	3.11595E-08
Eun	W01	85	DMND	3	NoSATR	VFD_Chill	0.000225935	0	4.07246E-08
Eun	W02	85	DMND	3	NoSATR	VFD_Chill	0.000253058	0	3.3268E-08
Eun	W03	85	DMND	3	NoSATR	VFD_Chill	0.000268811	0	4.21559E-08
Eun	W04	85	DMND	3	NoSATR	VFD_Chill	0.000297773	0	4.43012E-08
Eun	W05	85	DMND	3	NoSATR	VFD_Chill	0.000243772	0	3.59589E-08
Eun	W06	85	DMND	3	NoSATR	VFD_Chill	0.000297865	0	4.28393E-08
Eun	W07	85	DMND	3	NoSATR	VFD_Chill	0.000303167	0	4.34829E-08
Eun	W08	85	DMND	3	NoSATR	VFD_Chill	0.000326275	0	4.52206E-08
Eun	W09	85	DMND	3	NoSATR	VFD_Chill	0.000343162	0	5.0158E-08
Eun	W10	85	DMND	3	NoSATR	VFD_Chill	0.000313066	0	3.45644E-08
Eun	W11	85	DMND	3	NoSATR	VFD_Chill	0.000257747	0	2.39726E-08
Eun	W12	85	DMND	3	NoSATR	VFD_Chill	0.000275431	0	1.6041E-08
Eun	W13	85	DMND	3	NoSATR	VFD_Chill	0.000305343	0	4.30446E-08
Eun	W14	85	DMND	3	NoSATR	VFD_Chill	0.000258881	0	8.85717E-10
Eun	W15	85	DMND	3	NoSATR	VFD_Chill	0.000355513	0	-6.63828E-09
Eun	W16	85	DMND	3	NoSATR	VFD_Chill	0.000212848	0	3.83433E-08
Eun	W01	85	DMND	3	OATSATR	VFD_Chill	0.000199792	0	3.75587E-08
Eun	W02	85	DMND	3	OATSATR	VFD_Chill	0.000239082	0	3.3268E-08
Eun	W03	85	DMND	3	OATSATR	VFD_Chill	0.000246622	0	4.24317E-08
Eun	W04	85	DMND	3	OATSATR	VFD_Chill	0.000278587	0	4.17513E-08
Eun	W05	85	DMND	3	OATSATR	VFD_Chill	0.000232248	0	3.60968E-08
Eun	W06	85	DMND	3	OATSATR	VFD_Chill	0.000285881	0	4.30079E-08
Eun	W07	85	DMND	3	OATSATR	VFD_Chill	0.000295535	0	4.35534E-08
Eun	W08	85	DMND	3	OATSATR	VFD_Chill	0.000314077	0	4.50858E-08
Eun	W09	85	DMND	3	OATSATR	VFD_Chill	0.000331638	0	4.73997E-08
Eun	W10	85	DMND	3	OATSATR	VFD_Chill	0.00030096	0	3.49046E-08
Eun	W11	85	DMND	3	OATSATR	VFD_Chill	0.000242668	0	2.21337E-08
Eun	W12	85	DMND	3	OATSATR	VFD_Chill	0.000261333	0	7.42286E-09
Eun	W13	85	DMND	3	OATSATR	VFD_Chill	0.000290172	0	3.37461E-08
Eun	W14	85	DMND	3	OATSATR	VFD_Chill	0.000250729	0	8.85717E-10
Eun	W15	85	DMND	3	OATSATR	VFD_Chill	0.000350763	0	-6.67506E-09
Eun	W16	85	DMND	3	OATSATR	VFD_Chill	0.000204083	0	3.85486E-08
Eun	W01	85	DMND	3	DmdSATR	VFD_Chill	0.000197739	0	4.1169E-08
Eun	W02	85	DMND	3	DmdSATR	VFD_Chill	0.000238776	0	3.25539E-08
Eun	W03	85	DMND	3	DmdSATR	VFD_Chill	0.000245089	0	4.26003E-08
Eun	W04	85	DMND	3	DmdSATR	VFD_Chill	0.000276503	0	3.87172E-08
Eun	W05	85	DMND	3	DmdSATR	VFD_Chill	0.000231298	0	3.65381E-08
Eun	W06	85	DMND	3	DmdSATR	VFD_Chill	0.000284717	0	4.3109E-08
Eun	W07	85	DMND	3	DmdSATR	VFD_Chill	0.000291551	0	4.37557E-08

CHWST Reset db

Eun	W08	85	DMND	3	DmdSATR	VFD_Chill	0.00031184	0	4.47793E-08
Eun	W09	85	DMND	3	DmdSATR	VFD_Chill	0.00032652	0	4.37587E-08
Eun	W10	85	DMND	3	DmdSATR	VFD_Chill	0.00029955	0	3.50763E-08
Eun	W11	85	DMND	3	DmdSATR	VFD_Chill	0.000243802	0	1.40642E-08
Eun	W12	85	DMND	3	DmdSATR	VFD_Chill	0.000259371	0	6.23373E-09
Eun	W13	85	DMND	3	DmdSATR	VFD_Chill	0.00028772	0	2.58115E-08
Eun	W14	85	DMND	3	DmdSATR	VFD_Chill	0.000253517	0	9.8992E-10
Eun	W15	85	DMND	3	DmdSATR	VFD_Chill	0.000351314	0	-6.43601E-09
Eun	W16	85	DMND	3	DmdSATR	VFD_Chill	0.000200282	0	3.88888E-08
Eun	W01	85	DMND	9	NoSATR	VFD_Chill	0.000477276	0	9.31321E-08
Eun	W02	85	DMND	9	NoSATR	VFD_Chill	0.000536395	0	4.89658E-08
Eun	W03	85	DMND	9	NoSATR	VFD_Chill	0.000579057	0	7.21906E-08
Eun	W04	85	DMND	9	NoSATR	VFD_Chill	0.00060759	0	7.28372E-08
Eun	W05	85	DMND	9	NoSATR	VFD_Chill	0.000527079	0	8.91847E-08
Eun	W06	85	DMND	9	NoSATR	VFD_Chill	0.000644735	0	9.50078E-08
Eun	W07	85	DMND	9	NoSATR	VFD_Chill	0.000651692	0	8.26108E-08
Eun	W08	85	DMND	9	NoSATR	VFD_Chill	0.000698552	0	7.94786E-08
Eun	W09	85	DMND	9	NoSATR	VFD_Chill	0.000708084	0	8.11826E-08
Eun	W10	85	DMND	9	NoSATR	VFD_Chill	0.000658404	0	5.11816E-08
Eun	W11	85	DMND	9	NoSATR	VFD_Chill	0.000532748	0	2.24739E-08
Eun	W12	85	DMND	9	NoSATR	VFD_Chill	0.000573878	0	1.39631E-08
Eun	W13	85	DMND	9	NoSATR	VFD_Chill	0.000623711	0	4.74027E-08
Eun	W14	85	DMND	9	NoSATR	VFD_Chill	0.00053992	0	-3.73902E-10
Eun	W15	85	DMND	9	NoSATR	VFD_Chill	0.000733276	0	-7.42286E-09
Eun	W16	85	DMND	9	NoSATR	VFD_Chill	0.000449509	0	7.46792E-08
Eun	W01	85	DMND	9	OATSATR	VFD_Chill	0.000417789	0	8.34965E-08
Eun	W02	85	DMND	9	OATSATR	VFD_Chill	0.000501304	0	3.97378E-08
Eun	W03	85	DMND	9	OATSATR	VFD_Chill	0.000527508	0	6.23864E-08
Eun	W04	85	DMND	9	OATSATR	VFD_Chill	0.000567809	0	6.29656E-08
Eun	W05	85	DMND	9	OATSATR	VFD_Chill	0.000495849	0	8.58809E-08
Eun	W06	85	DMND	9	OATSATR	VFD_Chill	0.000616294	0	9.28287E-08
Eun	W07	85	DMND	9	OATSATR	VFD_Chill	0.000631894	0	8.0162E-08
Eun	W08	85	DMND	9	OATSATR	VFD_Chill	0.000666801	0	7.30426E-08
Eun	W09	85	DMND	9	OATSATR	VFD_Chill	0.000671858	0	6.14976E-08
Eun	W10	85	DMND	9	OATSATR	VFD_Chill	0.000622515	0	4.69951E-08
Eun	W11	85	DMND	9	OATSATR	VFD_Chill	0.000497933	0	2.06014E-08
Eun	W12	85	DMND	9	OATSATR	VFD_Chill	0.000530051	0	4.76571E-09
Eun	W13	85	DMND	9	OATSATR	VFD_Chill	0.000579455	0	3.08867E-08
Eun	W14	85	DMND	9	OATSATR	VFD_Chill	0.000519417	0	-3.40189E-10
Eun	W15	85	DMND	9	OATSATR	VFD_Chill	0.000713662	0	-7.45658E-09
Eun	W16	85	DMND	9	OATSATR	VFD_Chill	0.000424133	0	6.89235E-08
Eun	W01	85	DMND	9	DmdSATR	VFD_Chill	0.000412763	0	9.35091E-08
Eun	W02	85	DMND	9	DmdSATR	VFD_Chill	0.00050063	0	3.64707E-08
Eun	W03	85	DMND	9	DmdSATR	VFD_Chill	0.000523156	0	5.57787E-08
Eun	W04	85	DMND	9	DmdSATR	VFD_Chill	0.000568545	0	5.05686E-08
Eun	W05	85	DMND	9	DmdSATR	VFD_Chill	0.000491435	0	8.71405E-08
Eun	W06	85	DMND	9	DmdSATR	VFD_Chill	0.000610501	0	8.79925E-08
Eun	W07	85	DMND	9	DmdSATR	VFD_Chill	0.000623006	0	6.9466E-08
Eun	W08	85	DMND	9	DmdSATR	VFD_Chill	0.000663522	0	6.56197E-08
Eun	W09	85	DMND	9	DmdSATR	VFD_Chill	0.000672073	0	5.57787E-08
Eun	W10	85	DMND	9	DmdSATR	VFD_Chill	0.000630484	0	4.40989E-08
Eun	W11	85	DMND	9	DmdSATR	VFD_Chill	0.00050443	0	1.27341E-08
Eun	W12	85	DMND	9	DmdSATR	VFD_Chill	0.000532595	0	4.18954E-09
Eun	W13	85	DMND	9	DmdSATR	VFD_Chill	0.000585095	0	2.36661E-08
Eun	W14	85	DMND	9	DmdSATR	VFD_Chill	0.000528519	0	0
Eun	W15	85	DMND	9	DmdSATR	VFD_Chill	0.000719852	0	-7.11639E-09
Eun	W16	85	DMND	9	DmdSATR	VFD_Chill	0.000423918	0	6.40536E-08
Eun	W01	85	DMND	3	NoSATR	No_VFD_Chill	7.0367E-05	0	1.12048E-08
Eun	W02	85	DMND	3	NoSATR	No_VFD_Chill	7.62207E-05	0	1.21916E-08
Eun	W03	85	DMND	3	NoSATR	No_VFD_Chill	8.14002E-05	0	1.55292E-08
Eun	W04	85	DMND	3	NoSATR	No_VFD_Chill	9.24334E-05	0	1.56977E-08
Eun	W05	85	DMND	3	NoSATR	No_VFD_Chill	7.41367E-05	0	1.19526E-08
Eun	W06	85	DMND	3	NoSATR	No_VFD_Chill	9.0809E-05	0	1.40274E-08
Eun	W07	85	DMND	3	NoSATR	No_VFD_Chill	9.20962E-05	0	1.52227E-08
Eun	W08	85	DMND	3	NoSATR	No_VFD_Chill	9.75209E-05	0	1.57345E-08
Eun	W09	85	DMND	3	NoSATR	No_VFD_Chill	0.000103037	0	1.75029E-08
Eun	W10	85	DMND	3	NoSATR	No_VFD_Chill	9.63563E-05	0	1.25288E-08
Eun	W11	85	DMND	3	NoSATR	No_VFD_Chill	8.21051E-05	0	8.27487E-09
Eun	W12	85	DMND	3	NoSATR	No_VFD_Chill	8.38214E-05	0	5.2101E-09
Eun	W13	85	DMND	3	NoSATR	No_VFD_Chill	9.26479E-05	0	1.52871E-08
Eun	W14	85	DMND	3	NoSATR	No_VFD_Chill	8.13389E-05	0	-5.11816E-10
Eun	W15	85	DMND	3	NoSATR	No_VFD_Chill	0.000109136	0	-2.85943E-09
Eun	W16	85	DMND	3	NoSATR	No_VFD_Chill	7.04896E-05	0	1.33471E-08
Eun	W01	85	DMND	3	OATSATR	No_VFD_Chill	6.26132E-05	0	1.22591E-08
Eun	W02	85	DMND	3	OATSATR	No_VFD_Chill	7.29721E-05	0	1.24276E-08
Eun	W03	85	DMND	3	OATSATR	No_VFD_Chill	7.45351E-05	0	1.57652E-08
Eun	W04	85	DMND	3	OATSATR	No_VFD_Chill	8.6028E-05	0	1.47446E-08
Eun	W05	85	DMND	3	OATSATR	No_VFD_Chill	7.26043E-05	0	1.23602E-08
Eun	W06	85	DMND	3	OATSATR	No_VFD_Chill	8.80201E-05	0	1.42358E-08
Eun	W07	85	DMND	3	OATSATR	No_VFD_Chill	9.11462E-05	0	1.53575E-08
Eun	W08	85	DMND	3	OATSATR	No_VFD_Chill	9.43335E-05	0	1.58356E-08
Eun	W09	85	DMND	3	OATSATR	No_VFD_Chill	0.000101842	0	1.6752E-08
Eun	W10	85	DMND	3	OATSATR	No_VFD_Chill	9.30157E-05	0	1.27004E-08
Eun	W11	85	DMND	3	OATSATR	No_VFD_Chill	7.51787E-05	0	7.66192E-09
Eun	W12	85	DMND	3	OATSATR	No_VFD_Chill	8.10937E-05	0	1.39753E-09
Eun	W13	85	DMND	3	OATSATR	No_VFD_Chill	8.90008E-05	0	1.19189E-08
Eun	W14	85	DMND	3	OATSATR	No_VFD_Chill	7.9071E-05	0	-4.75039E-10
Eun	W15	85	DMND	3	OATSATR	No_VFD_Chill	0.000109167	0	-2.8962E-09
Eun	W16	85	DMND	3	OATSATR	No_VFD_Chill	6.80991E-05	0	1.36535E-08
Eun	W01	85	DMND	3	DmdSATR	No_VFD_Chill	6.18163E-05	0	1.22928E-08
Eun	W02	85	DMND	3	DmdSATR	No_VFD_Chill	7.28801E-05	0	1.22254E-08
Eun	W03	85	DMND	3	DmdSATR	No_VFD_Chill	7.48722E-05	0	1.59705E-08
Eun	W04	85	DMND	3	DmdSATR	No_VFD_Chill	8.48327E-05	0	1.33838E-08
Eun	W05	85	DMND	3	DmdSATR	No_VFD_Chill	7.2635E-05	0	1.2872E-08
Eun	W06	85	DMND	3	DmdSATR	No_VFD_Chill	8.81733E-05	0	1.46772E-08
Eun	W07	85	DMND	3	DmdSATR	No_VFD_Chill	8.99202E-05	0	1.56977E-08
Eun	W08	85	DMND	3	DmdSATR	No_VFD_Chill	9.36286E-05	0	1.59368E-08
Eun	W09	85	DMND	3	DmdSATR	No_VFD_Chill	9.8379E-05	0	1.54617E-08

## CHWST Reset db

Eun	W10	85	DMND	3	DmdSATR	No_VFD_Chill	9.19736E-05	0	1.2872E-08
Eun	W11	85	DMND	3	DmdSATR	No_VFD_Chill	7.50561E-05	0	4.56344E-09
Eun	W12	85	DMND	3	DmdSATR	No_VFD_Chill	7.93774E-05	0	1.19219E-09
Eun	W13	85	DMND	3	DmdSATR	No_VFD_Chill	8.59667E-05	0	9.36286E-09
Eun	W14	85	DMND	3	DmdSATR	No_VFD_Chill	7.99904E-05	0	-3.40189E-10
Eun	W15	85	DMND	3	DmdSATR	No_VFD_Chill	0.000109136	0	-2.72458E-09
Eun	W16	85	DMND	3	DmdSATR	No_VFD_Chill	6.50956E-05	0	1.40305E-08
Eun	W01	85	DMND	9	NoSATR	No_VFD_Chill	0.000143646	0	2.53027E-08
Eun	W02	85	DMND	9	NoSATR	No_VFD_Chill	0.000158724	0	1.68562E-08
Eun	W03	85	DMND	9	NoSATR	No_VFD_Chill	0.000172485	0	2.55081E-08
Eun	W04	85	DMND	9	NoSATR	No_VFD_Chill	0.000179473	0	2.53027E-08
Eun	W05	85	DMND	9	NoSATR	No_VFD_Chill	0.000157131	0	2.99673E-08
Eun	W06	85	DMND	9	NoSATR	No_VFD_Chill	0.000192621	0	3.02033E-08
Eun	W07	85	DMND	9	NoSATR	No_VFD_Chill	0.000193785	0	2.83675E-08
Eun	W08	85	DMND	9	NoSATR	No_VFD_Chill	0.000204052	0	2.76166E-08
Eun	W09	85	DMND	9	NoSATR	No_VFD_Chill	0.000205339	0	2.81284E-08
Eun	W10	85	DMND	9	NoSATR	No_VFD_Chill	0.000196635	0	1.87962E-08
Eun	W11	85	DMND	9	NoSATR	No_VFD_Chill	0.000164701	0	7.08268E-09
Eun	W12	85	DMND	9	NoSATR	No_VFD_Chill	0.000170554	0	3.37124E-09
Eun	W13	85	DMND	9	NoSATR	No_VFD_Chill	0.000181373	0	1.57314E-08
Eun	W14	85	DMND	9	NoSATR	No_VFD_Chill	0.000164639	0	-1.49867E-09
Eun	W15	85	DMND	9	NoSATR	No_VFD_Chill	0.000221276	0	-3.57352E-09
Eun	W16	85	DMND	9	NoSATR	No_VFD_Chill	0.000147691	0	2.49257E-08
Eun	W01	85	DMND	9	OATSATR	No_VFD_Chill	0.000126268	0	2.64244E-08
Eun	W02	85	DMND	9	OATSATR	No_VFD_Chill	0.000150633	0	1.38926E-08
Eun	W03	85	DMND	9	OATSATR	No_VFD_Chill	0.000156916	0	2.25751E-08
Eun	W04	85	DMND	9	OATSATR	No_VFD_Chill	0.000168685	0	2.15882E-08
Eun	W05	85	DMND	9	OATSATR	No_VFD_Chill	0.000150449	0	2.93176E-08
Eun	W06	85	DMND	9	OATSATR	No_VFD_Chill	0.000186644	0	2.96945E-08
Eun	W07	85	DMND	9	OATSATR	No_VFD_Chill	0.00018928	0	2.77177E-08
Eun	W08	85	DMND	9	OATSATR	No_VFD_Chill	0.000196206	0	2.56766E-08
Eun	W09	85	DMND	9	OATSATR	No_VFD_Chill	0.000198505	0	2.13859E-08
Eun	W10	85	DMND	9	OATSATR	No_VFD_Chill	0.000187962	0	1.70953E-08
Eun	W11	85	DMND	9	OATSATR	No_VFD_Chill	0.000151001	0	6.43601E-09
Eun	W12	85	DMND	9	OATSATR	No_VFD_Chill	0.000158632	0	-8.52005E-10
Eun	W13	85	DMND	9	OATSATR	No_VFD_Chill	0.000169604	0	9.63869E-09
Eun	W14	85	DMND	9	OATSATR	No_VFD_Chill	0.000158203	0	-1.46189E-09
Eun	W15	85	DMND	9	OATSATR	No_VFD_Chill	0.000216679	0	-3.57658E-09
Eun	W16	85	DMND	9	OATSATR	No_VFD_Chill	0.00013865	0	2.33596E-08
Eun	W01	85	DMND	9	DmdSATR	No_VFD_Chill	0.000123878	0	2.74113E-08
Eun	W02	85	DMND	9	DmdSATR	No_VFD_Chill	0.000147814	0	1.29732E-08
Eun	W03	85	DMND	9	DmdSATR	No_VFD_Chill	0.000155506	0	2.00589E-08
Eun	W04	85	DMND	9	DmdSATR	No_VFD_Chill	0.000166325	0	1.68899E-08
Eun	W05	85	DMND	9	DmdSATR	No_VFD_Chill	0.000148427	0	3.04086E-08
Eun	W06	85	DMND	9	DmdSATR	No_VFD_Chill	0.000183457	0	2.90816E-08
Eun	W07	85	DMND	9	DmdSATR	No_VFD_Chill	0.000186062	0	2.42454E-08
Eun	W08	85	DMND	9	DmdSATR	No_VFD_Chill	0.000194705	0	2.33934E-08
Eun	W09	85	DMND	9	DmdSATR	No_VFD_Chill	0.000195563	0	1.94459E-08
Eun	W10	85	DMND	9	DmdSATR	No_VFD_Chill	0.000188361	0	1.61053E-08
Eun	W11	85	DMND	9	DmdSATR	No_VFD_Chill	0.000150878	0	3.57352E-09
Eun	W12	85	DMND	9	DmdSATR	No_VFD_Chill	0.000155751	0	-5.45528E-10
Eun	W13	85	DMND	9	DmdSATR	No_VFD_Chill	0.000168807	0	7.69563E-09
Eun	W14	85	DMND	9	DmdSATR	No_VFD_Chill	0.000161636	0	-1.1217E-09
Eun	W15	85	DMND	9	DmdSATR	No_VFD_Chill	0.000217598	0	-3.30382E-09
Eun	W16	85	DMND	9	DmdSATR	No_VFD_Chill	0.000137118	0	2.21E-08
Eun	W01	96	DMND	3	NoSATR	VFD_Chill	0.000187349	0	3.73902E-08
Eun	W02	96	DMND	3	NoSATR	VFD_Chill	0.00021864	0	2.88088E-08
Eun	W03	96	DMND	3	NoSATR	VFD_Chill	0.000234639	0	3.82422E-08
Eun	W04	96	DMND	3	NoSATR	VFD_Chill	0.00026308	0	3.59252E-08
Eun	W05	96	DMND	3	NoSATR	VFD_Chill	0.000215821	0	3.37492E-08
Eun	W06	96	DMND	3	NoSATR	VFD_Chill	0.000260015	0	3.99768E-08
Eun	W07	96	DMND	3	NoSATR	VFD_Chill	0.000270006	0	4.02159E-08
Eun	W08	96	DMND	3	NoSATR	VFD_Chill	0.000291061	0	3.66393E-08
Eun	W09	96	DMND	3	NoSATR	VFD_Chill	0.000302155	0	4.0694E-08
Eun	W10	96	DMND	3	NoSATR	VFD_Chill	0.000276595	0	2.6596E-08
Eun	W11	96	DMND	3	NoSATR	VFD_Chill	0.000201846	0	-4.86991E-09
Eun	W12	96	DMND	3	NoSATR	VFD_Chill	0.000225751	0	1.23633E-08
Eun	W13	96	DMND	3	NoSATR	VFD_Chill	0.000257961	0	3.0001E-08
Eun	W14	96	DMND	3	NoSATR	VFD_Chill	0.000203286	0	-5.38173E-09
Eun	W15	96	DMND	3	NoSATR	VFD_Chill	0.000290264	0	-9.22801E-09
Eun	W16	96	DMND	3	NoSATR	VFD_Chill	0.000152932	0	3.34764E-08
Eun	W01	96	DMND	3	OATSATR	VFD_Chill	0.000162739	0	3.31332E-08
Eun	W02	96	DMND	3	OATSATR	VFD_Chill	0.000204543	0	2.19652E-08
Eun	W03	96	DMND	3	OATSATR	VFD_Chill	0.000213737	0	3.83433E-08
Eun	W04	96	DMND	3	OATSATR	VFD_Chill	0.000245212	0	2.71385E-08
Eun	W05	96	DMND	3	OATSATR	VFD_Chill	0.000201018	0	3.35776E-08
Eun	W06	96	DMND	3	OATSATR	VFD_Chill	0.000243189	0	4.0081E-08
Eun	W07	96	DMND	3	OATSATR	VFD_Chill	0.000258881	0	4.0081E-08
Eun	W08	96	DMND	3	OATSATR	VFD_Chill	0.000275645	0	3.64707E-08
Eun	W09	96	DMND	3	OATSATR	VFD_Chill	0.000284226	0	3.12269E-08
Eun	W10	96	DMND	3	OATSATR	VFD_Chill	0.000264612	0	2.24433E-08
Eun	W11	96	DMND	3	OATSATR	VFD_Chill	0.000187441	0	-5.34495E-09
Eun	W12	96	DMND	3	OATSATR	VFD_Chill	0.000207791	0	1.20874E-08
Eun	W13	96	DMND	3	OATSATR	VFD_Chill	0.000239113	0	6.60457E-09
Eun	W14	96	DMND	3	OATSATR	VFD_Chill	0.000193325	0	-5.41544E-09
Eun	W15	96	DMND	3	OATSATR	VFD_Chill	0.000283338	0	-9.22801E-09
Eun	W16	96	DMND	3	OATSATR	VFD_Chill	0.000144534	0	3.34397E-08
Eun	W01	96	DMND	3	DmdSATR	VFD_Chill	0.000163444	0	3.73902E-08
Eun	W02	96	DMND	3	DmdSATR	VFD_Chill	0.000204757	0	1.95777E-08
Eun	W03	96	DMND	3	DmdSATR	VFD_Chill	0.00021248	0	3.85119E-08
Eun	W04	96	DMND	3	DmdSATR	VFD_Chill	0.000243312	0	2.49595E-08
Eun	W05	96	DMND	3	DmdSATR	VFD_Chill	0.000201263	0	3.39147E-08
Eun	W06	96	DMND	3	DmdSATR	VFD_Chill	0.000243036	0	3.99799E-08
Eun	W07	96	DMND	3	DmdSATR	VFD_Chill	0.00025505	0	4.02864E-08
Eun	W08	96	DMND	3	DmdSATR	VFD_Chill	0.000273561	0	3.51069E-08
Eun	W09	96	DMND	3	DmdSATR	VFD_Chill	0.000283154	0	3.1941E-08
Eun	W10	96	DMND	3	DmdSATR	VFD_Chill	0.000263815	0	1.94092E-08
Eun	W11	96	DMND	3	DmdSATR	VFD_Chill	0.000191425	0	-4.90363E-09

## CHWST Reset db

Eun	W12	96	DMND	3	DmdSATR	VFD_Chill	0.000208803	0	1.11036E-08
Eun	W13	96	DMND	3	DmdSATR	VFD_Chill	0.000240247	0	1.73772E-09
Eun	W14	96	DMND	3	DmdSATR	VFD_Chill	0.000195992	0	-5.17639E-09
Eun	W15	96	DMND	3	DmdSATR	VFD_Chill	0.000283031	0	-8.92153E-09
Eun	W16	96	DMND	3	DmdSATR	VFD_Chill	0.000146251	0	3.18061E-08
Eun	W01	96	DMND	9	NoSATR	VFD_Chill	0.000397255	0	8.56418E-08
Eun	W02	96	DMND	9	NoSATR	VFD_Chill	0.000457141	0	3.55513E-08
Eun	W03	96	DMND	9	NoSATR	VFD_Chill	0.000504859	0	5.89109E-08
Eun	W04	96	DMND	9	NoSATR	VFD_Chill	0.000534648	0	5.13502E-08
Eun	W05	96	DMND	9	NoSATR	VFD_Chill	0.000466978	0	8.05022E-08
Eun	W06	96	DMND	9	NoSATR	VFD_Chill	0.000560883	0	8.4894E-08
Eun	W07	96	DMND	9	NoSATR	VFD_Chill	0.000579118	0	7.07256E-08
Eun	W08	96	DMND	9	NoSATR	VFD_Chill	0.000618623	0	5.28151E-08
Eun	W09	96	DMND	9	NoSATR	VFD_Chill	0.000615987	0	5.41115E-08
Eun	W10	96	DMND	9	NoSATR	VFD_Chill	0.000576329	0	3.19747E-08
Eun	W11	96	DMND	9	NoSATR	VFD_Chill	0.000414173	0	-5.65449E-09
Eun	W12	96	DMND	9	NoSATR	VFD_Chill	0.000460941	0	1.12722E-08
Eun	W13	96	DMND	9	NoSATR	VFD_Chill	0.000524106	0	2.81621E-08
Eun	W14	96	DMND	9	NoSATR	VFD_Chill	0.00042303	0	-6.06211E-09
Eun	W15	96	DMND	9	NoSATR	VFD_Chill	0.000589753	0	-9.63563E-09
Eun	W16	96	DMND	9	NoSATR	VFD_Chill	0.000322107	0	4.76418E-08
Eun	W01	96	DMND	9	OATSATR	VFD_Chill	0.000340741	0	7.40294E-08
Eun	W02	96	DMND	9	OATSATR	VFD_Chill	0.000421651	0	2.0396E-08
Eun	W03	96	DMND	9	OATSATR	VFD_Chill	0.000453003	0	5.11142E-08
Eun	W04	96	DMND	9	OATSATR	VFD_Chill	0.000495358	0	4.14755E-08
Eun	W05	96	DMND	9	OATSATR	VFD_Chill	0.000430293	0	7.66192E-08
Eun	W06	96	DMND	9	OATSATR	VFD_Chill	0.000523309	0	8.22399E-08
Eun	W07	96	DMND	9	OATSATR	VFD_Chill	0.000553282	0	6.76302E-08
Eun	W08	96	DMND	9	OATSATR	VFD_Chill	0.000579884	0	4.60052E-08
Eun	W09	96	DMND	9	OATSATR	VFD_Chill	0.000572284	0	3.31332E-08
Eun	W10	96	DMND	9	OATSATR	VFD_Chill	0.000539981	0	2.48951E-08
Eun	W11	96	DMND	9	OATSATR	VFD_Chill	0.000382054	0	-6.12953E-09
Eun	W12	96	DMND	9	OATSATR	VFD_Chill	0.000414571	0	1.11006E-08
Eun	W13	96	DMND	9	OATSATR	VFD_Chill	0.000477429	0	4.79942E-09
Eun	W14	96	DMND	9	OATSATR	VFD_Chill	0.000400565	0	-6.09582E-09
Eun	W15	96	DMND	9	OATSATR	VFD_Chill	0.000568177	0	-9.6724E-09
Eun	W16	96	DMND	9	OATSATR	VFD_Chill	0.000300439	0	4.1169E-08
Eun	W01	96	DMND	9	DmdSATR	VFD_Chill	0.000342672	0	8.52005E-08
Eun	W02	96	DMND	9	DmdSATR	VFD_Chill	0.00042588	0	1.83181E-08
Eun	W03	96	DMND	9	DmdSATR	VFD_Chill	0.000453984	0	4.85919E-08
Eun	W04	96	DMND	9	DmdSATR	VFD_Chill	0.000500538	0	3.26214E-08
Eun	W05	96	DMND	9	DmdSATR	VFD_Chill	0.000429895	0	7.5902E-08
Eun	W06	96	DMND	9	DmdSATR	VFD_Chill	0.000521654	0	7.68919E-08
Eun	W07	96	DMND	9	DmdSATR	VFD_Chill	0.000546019	0	5.97292E-08
Eun	W08	96	DMND	9	DmdSATR	VFD_Chill	0.000578444	0	3.88888E-08
Eun	W09	96	DMND	9	DmdSATR	VFD_Chill	0.000577892	0	3.34397E-08
Eun	W10	96	DMND	9	DmdSATR	VFD_Chill	0.000549359	0	2.02612E-08
Eun	W11	96	DMND	9	DmdSATR	VFD_Chill	0.000391248	0	-5.55336E-09
Eun	W12	96	DMND	9	DmdSATR	VFD_Chill	0.000425451	0	1.02516E-08
Eun	W13	96	DMND	9	DmdSATR	VFD_Chill	0.000486286	0	2.05339E-10
Eun	W14	96	DMND	9	DmdSATR	VFD_Chill	0.000407583	0	-5.65449E-09
Eun	W15	96	DMND	9	DmdSATR	VFD_Chill	0.000571885	0	-9.29544E-09
Eun	W16	96	DMND	9	DmdSATR	VFD_Chill	0.000306998	0	3.6198E-08
Eun	W01	96	DMND	3	NoSATR	No_VFD_Chill	5.57787E-05	0	1.0077E-08
Eun	W02	96	DMND	3	NoSATR	No_VFD_Chill	6.47279E-05	0	1.05551E-08
Eun	W03	96	DMND	3	NoSATR	No_VFD_Chill	6.93863E-05	0	1.40979E-08
Eun	W04	96	DMND	3	NoSATR	No_VFD_Chill	7.96839E-05	0	1.23939E-08
Eun	W05	96	DMND	3	NoSATR	No_VFD_Chill	6.48505E-05	0	1.15787E-08
Eun	W06	96	DMND	3	NoSATR	No_VFD_Chill	7.69869E-05	0	1.30069E-08
Eun	W07	96	DMND	3	NoSATR	No_VFD_Chill	8.04501E-05	0	1.40305E-08
Eun	W08	96	DMND	3	NoSATR	No_VFD_Chill	8.71007E-05	0	1.29394E-08
Eun	W09	96	DMND	3	NoSATR	No_VFD_Chill	8.87863E-05	0	1.39968E-08
Eun	W10	96	DMND	3	NoSATR	No_VFD_Chill	8.36681E-05	0	1.00463E-08
Eun	W11	96	DMND	3	NoSATR	No_VFD_Chill	5.9671E-05	0	-2.24647E-09
Eun	W12	96	DMND	3	NoSATR	No_VFD_Chill	6.78539E-05	0	4.0884E-09
Eun	W13	96	DMND	3	NoSATR	No_VFD_Chill	7.60369E-05	0	1.04202E-08
Eun	W14	96	DMND	3	NoSATR	No_VFD_Chill	6.18163E-05	0	-2.4181E-09
Eun	W15	96	DMND	3	NoSATR	No_VFD_Chill	8.71313E-05	0	-3.7145E-09
Eun	W16	96	DMND	3	NoSATR	No_VFD_Chill	4.45924E-05	0	1.17472E-08
Eun	W01	96	DMND	3	OATSATR	No_VFD_Chill	4.94347E-05	0	1.06593E-08
Eun	W02	96	DMND	3	OATSATR	No_VFD_Chill	6.15099E-05	0	7.93468E-09
Eun	W03	96	DMND	3	OATSATR	No_VFD_Chill	6.48198E-05	0	1.42696E-08
Eun	W04	96	DMND	3	OATSATR	No_VFD_Chill	7.49948E-05	0	8.92153E-09
Eun	W05	96	DMND	3	OATSATR	No_VFD_Chill	6.18163E-05	0	1.16798E-08
Eun	W06	96	DMND	3	OATSATR	No_VFD_Chill	7.16542E-05	0	1.32153E-08
Eun	W07	96	DMND	3	OATSATR	No_VFD_Chill	7.78144E-05	0	1.40979E-08
Eun	W08	96	DMND	3	OATSATR	No_VFD_Chill	8.25648E-05	0	1.29732E-08
Eun	W09	96	DMND	3	OATSATR	No_VFD_Chill	8.37601E-05	0	1.05213E-08
Eun	W10	96	DMND	3	OATSATR	No_VFD_Chill	8.13389E-05	0	8.34229E-09
Eun	W11	96	DMND	3	OATSATR	No_VFD_Chill	5.49513E-05	0	-2.4181E-09
Eun	W12	96	DMND	3	OATSATR	No_VFD_Chill	6.27971E-05	0	4.18954E-09
Eun	W13	96	DMND	3	OATSATR	No_VFD_Chill	7.0367E-05	0	1.29333E-09
Eun	W14	96	DMND	3	OATSATR	No_VFD_Chill	5.89661E-05	0	-2.38439E-09
Eun	W15	96	DMND	3	OATSATR	No_VFD_Chill	8.56909E-05	0	-3.71143E-09
Eun	W16	96	DMND	3	OATSATR	No_VFD_Chill	4.25083E-05	0	1.18852E-08
Eun	W01	96	DMND	3	DmdSATR	No_VFD_Chill	4.97412E-05	0	1.07941E-08
Eun	W02	96	DMND	3	DmdSATR	No_VFD_Chill	6.11421E-05	0	7.08574E-09
Eun	W03	96	DMND	3	DmdSATR	No_VFD_Chill	6.37471E-05	0	1.44381E-08
Eun	W04	96	DMND	3	DmdSATR	No_VFD_Chill	7.3677E-05	0	8.30858E-09
Eun	W05	96	DMND	3	DmdSATR	No_VFD_Chill	6.15712E-05	0	1.20905E-08
Eun	W06	96	DMND	3	DmdSATR	No_VFD_Chill	7.21752E-05	0	1.34175E-08
Eun	W07	96	DMND	3	DmdSATR	No_VFD_Chill	7.65579E-05	0	1.4337E-08
Eun	W08	96	DMND	3	DmdSATR	No_VFD_Chill	8.16147E-05	0	1.26697E-08
Eun	W09	96	DMND	3	DmdSATR	No_VFD_Chill	8.37294E-05	0	1.0929E-08
Eun	W10	96	DMND	3	DmdSATR	No_VFD_Chill	8.03582E-05	0	7.35544E-09
Eun	W11	96	DMND	3	DmdSATR	No_VFD_Chill	5.67901E-05	0	-2.17905E-09
Eun	W12	96	DMND	3	DmdSATR	No_VFD_Chill	6.31342E-05	0	3.81563E-09
Eun	W13	96	DMND	3	DmdSATR	No_VFD_Chill	7.07961E-05	0	-2.39052E-10

## CHWST Reset db

Eun	W14	96	DMND	3	DmdSATR	No_VFD_Chill	6.00694E-05	0	-2.24647E-09
Eun	W15	96	DMND	3	DmdSATR	No_VFD_Chill	8.50166E-05	0	-3.50609E-09
Eun	W16	96	DMND	3	DmdSATR	No_VFD_Chill	4.33051E-05	0	1.13733E-08
Eun	W01	96	DMND	9	NoSATR	No_VFD_Chill	0.000113519	0	2.2949E-08
Eun	W02	96	DMND	9	NoSATR	No_VFD_Chill	0.000129333	0	1.21886E-08
Eun	W03	96	DMND	9	NoSATR	No_VFD_Chill	0.000145791	0	2.1012E-08
Eun	W04	96	DMND	9	NoSATR	No_VFD_Chill	0.0001552	0	1.72638E-08
Eun	W05	96	DMND	9	NoSATR	No_VFD_Chill	0.000137577	0	2.75155E-08
Eun	W06	96	DMND	9	NoSATR	No_VFD_Chill	0.000161329	0	2.69332E-08
Eun	W07	96	DMND	9	NoSATR	No_VFD_Chill	0.000167551	0	2.42117E-08
Eun	W08	96	DMND	9	NoSATR	No_VFD_Chill	0.000178277	0	1.84223E-08
Eun	W09	96	DMND	9	NoSATR	No_VFD_Chill	0.000177419	0	1.83886E-08
Eun	W10	96	DMND	9	NoSATR	No_VFD_Chill	0.00016801	0	1.19526E-08
Eun	W11	96	DMND	9	NoSATR	No_VFD_Chill	0.000117319	0	-2.92685E-09
Eun	W12	96	DMND	9	NoSATR	No_VFD_Chill	0.000132398	0	3.10154E-09
Eun	W13	96	DMND	9	NoSATR	No_VFD_Chill	0.000148886	0	8.85411E-09
Eun	W14	96	DMND	9	NoSATR	No_VFD_Chill	0.000123725	0	-2.96363E-09
Eun	W15	96	DMND	9	NoSATR	No_VFD_Chill	0.000171412	0	-4.0884E-09
Eun	W16	96	DMND	9	NoSATR	No_VFD_Chill	9.05332E-05	0	1.59368E-08
Eun	W01	96	DMND	9	OATSATR	No_VFD_Chill	9.87161E-05	0	2.31543E-08
Eun	W02	96	DMND	9	OATSATR	No_VFD_Chill	0.000120874	0	6.70877E-09
Eun	W03	96	DMND	9	OATSATR	No_VFD_Chill	0.000131662	0	1.86277E-08
Eun	W04	96	DMND	9	OATSATR	No_VFD_Chill	0.000144749	0	1.36872E-08
Eun	W05	96	DMND	9	OATSATR	No_VFD_Chill	0.000128567	0	2.68688E-08
Eun	W06	96	DMND	9	OATSATR	No_VFD_Chill	0.000150388	0	2.62896E-08
Eun	W07	96	DMND	9	OATSATR	No_VFD_Chill	0.000160747	0	2.34608E-08
Eun	W08	96	DMND	9	OATSATR	No_VFD_Chill	0.000166662	0	1.6277E-08
Eun	W09	96	DMND	9	OATSATR	No_VFD_Chill	0.000165988	0	1.07941E-08
Eun	W10	96	DMND	9	OATSATR	No_VFD_Chill	0.000159828	0	9.0901E-09
Eun	W11	96	DMND	9	OATSATR	No_VFD_Chill	0.000107941	0	-3.09848E-09
Eun	W12	96	DMND	9	OATSATR	No_VFD_Chill	0.000118576	0	3.33753E-09
Eun	W13	96	DMND	9	OATSATR	No_VFD_Chill	0.000135064	0	-1.71627E-10
Eun	W14	96	DMND	9	OATSATR	No_VFD_Chill	0.000117411	0	-2.92992E-09
Eun	W15	96	DMND	9	OATSATR	No_VFD_Chill	0.000166141	0	-4.11905E-09
Eun	W16	96	DMND	9	OATSATR	No_VFD_Chill	8.52005E-05	0	1.38619E-08
Eun	W01	96	DMND	9	DmdSATR	No_VFD_Chill	9.9942E-05	0	2.42117E-08
Eun	W02	96	DMND	9	DmdSATR	No_VFD_Chill	0.000120905	0	6.12953E-09
Eun	W03	96	DMND	9	DmdSATR	No_VFD_Chill	0.000132091	0	1.78431E-08
Eun	W04	96	DMND	9	DmdSATR	No_VFD_Chill	0.000144718	0	1.05918E-08
Eun	W05	96	DMND	9	DmdSATR	No_VFD_Chill	0.000127341	0	2.68688E-08
Eun	W06	96	DMND	9	DmdSATR	No_VFD_Chill	0.000149714	0	2.48583E-08
Eun	W07	96	DMND	9	DmdSATR	No_VFD_Chill	0.000158602	0	2.0773E-08
Eun	W08	96	DMND	9	DmdSATR	No_VFD_Chill	0.000165835	0	1.38619E-08
Eun	W09	96	DMND	9	DmdSATR	No_VFD_Chill	0.000166877	0	1.1168E-08
Eun	W10	96	DMND	9	DmdSATR	No_VFD_Chill	0.000161053	0	7.55771E-09
Eun	W11	96	DMND	9	DmdSATR	No_VFD_Chill	0.000109719	0	-2.72458E-09
Eun	W12	96	DMND	9	DmdSATR	No_VFD_Chill	0.000122376	0	3.09848E-09
Eun	W13	96	DMND	9	DmdSATR	No_VFD_Chill	0.000138006	0	-1.46496E-09
Eun	W14	96	DMND	9	DmdSATR	No_VFD_Chill	0.000120047	0	-2.65715E-09
Eun	W15	96	DMND	9	DmdSATR	No_VFD_Chill	0.000165405	0	-3.84628E-09
Eun	W16	96	DMND	9	DmdSATR	No_VFD_Chill	8.73152E-05	0	1.22254E-08
Eun	W01	3	DMND	3	NoSATR	VFD_Chill	0.000134482	0	3.05465E-08
Eun	W02	3	DMND	3	NoSATR	VFD_Chill	0.000146373	0	1.89678E-08
Eun	W03	3	DMND	3	NoSATR	VFD_Chill	0.000172945	0	2.91521E-08
Eun	W04	3	DMND	3	NoSATR	VFD_Chill	0.000194061	0	2.59494E-08
Eun	W05	3	DMND	3	NoSATR	VFD_Chill	0.000156119	0	2.54008E-08
Eun	W06	3	DMND	3	NoSATR	VFD_Chill	0.000206627	0	3.12606E-08
Eun	W07	3	DMND	3	NoSATR	VFD_Chill	0.000214932	0	3.1466E-08
Eun	W08	3	DMND	3	NoSATR	VFD_Chill	0.000229153	0	2.65623E-08
Eun	W09	3	DMND	3	NoSATR	VFD_Chill	0.000236232	0	3.30627E-08
Eun	W10	3	DMND	3	NoSATR	VFD_Chill	0.00018643	0	2.85943E-09
Eun	W11	3	DMND	3	NoSATR	VFD_Chill	0.00014432	0	-4.56037E-09
Eun	W12	3	DMND	3	NoSATR	VFD_Chill	0.000161421	0	1.2633E-08
Eun	W13	3	DMND	3	NoSATR	VFD_Chill	0.000191211	0	1.59368E-08
Eun	W14	3	DMND	3	NoSATR	VFD_Chill	0.000146526	0	-4.86685E-09
Eun	W15	3	DMND	3	NoSATR	VFD_Chill	0.000211132	0	-8.54763E-09
Eun	W16	3	DMND	3	NoSATR	VFD_Chill	0.000114469	0	2.24739E-08
Eun	W01	3	DMND	3	OATSATR	VFD_Chill	0.000115021	0	2.43833E-08
Eun	W02	3	DMND	3	OATSATR	VFD_Chill	0.000135555	0	1.88973E-08
Eun	W03	3	DMND	3	OATSATR	VFD_Chill	0.000156671	0	2.90816E-08
Eun	W04	3	DMND	3	OATSATR	VFD_Chill	0.000180699	0	2.57073E-08
Eun	W05	3	DMND	3	OATSATR	VFD_Chill	0.000144228	0	2.53671E-08
Eun	W06	3	DMND	3	OATSATR	VFD_Chill	0.00019544	0	3.15671E-08
Eun	W07	3	DMND	3	OATSATR	VFD_Chill	0.000206075	0	3.14997E-08
Eun	W08	3	DMND	3	OATSATR	VFD_Chill	0.000219621	0	2.64918E-08
Eun	W09	3	DMND	3	OATSATR	VFD_Chill	0.000225628	0	3.28604E-08
Eun	W10	3	DMND	3	OATSATR	VFD_Chill	0.000178094	0	2.75829E-09
Eun	W11	3	DMND	3	OATSATR	VFD_Chill	0.000136045	0	-4.59715E-09
Eun	W12	3	DMND	3	OATSATR	VFD_Chill	0.000150541	0	1.19526E-08
Eun	W13	3	DMND	3	OATSATR	VFD_Chill	0.000181679	0	1.58694E-08
Eun	W14	3	DMND	3	OATSATR	VFD_Chill	0.00013911	0	-4.90363E-09
Eun	W15	3	DMND	3	OATSATR	VFD_Chill	0.00020491	0	-8.58135E-09
Eun	W16	3	DMND	3	OATSATR	VFD_Chill	0.000108707	0	2.25751E-08
Eun	W01	3	DMND	3	DmdSATR	VFD_Chill	0.000113672	0	2.84686E-08
Eun	W02	3	DMND	3	DmdSATR	VFD_Chill	0.000135708	0	1.89004E-08
Eun	W03	3	DMND	3	DmdSATR	VFD_Chill	0.000154372	0	2.93543E-08
Eun	W04	3	DMND	3	DmdSATR	VFD_Chill	0.000180024	0	2.54376E-08
Eun	W05	3	DMND	3	DmdSATR	VFD_Chill	0.000143738	0	2.55387E-08
Eun	W06	3	DMND	3	DmdSATR	VFD_Chill	0.000193448	0	3.15334E-08
Eun	W07	3	DMND	3	DmdSATR	VFD_Chill	0.0002016	0	3.16682E-08
Eun	W08	3	DMND	3	DmdSATR	VFD_Chill	0.000217108	0	2.41105E-08
Eun	W09	3	DMND	3	DmdSATR	VFD_Chill	0.000222962	0	3.34734E-08
Eun	W10	3	DMND	3	DmdSATR	VFD_Chill	0.000177603	0	8.52005E-10
Eun	W11	3	DMND	3	DmdSATR	VFD_Chill	0.000136842	0	-4.32439E-09
Eun	W12	3	DMND	3	DmdSATR	VFD_Chill	0.000150296	0	1.1781E-08
Eun	W13	3	DMND	3	DmdSATR	VFD_Chill	0.000180637	0	1.49806E-08
Eun	W14	3	DMND	3	DmdSATR	VFD_Chill	0.000139508	0	-4.69829E-09
Eun	W15	3	DMND	3	DmdSATR	VFD_Chill	0.000204144	0	-8.24116E-09



## CHWST Reset db

Eun	W16	3	DMND	3	DmdSATR	VFD_Chill	0.000109412	0	2.05002E-08
Eun	W01	3	DMND	9	NoSATR	VFD_Chill	0.000286985	0	6.94353E-08
Eun	W02	3	DMND	9	NoSATR	VFD_Chill	0.000305159	0	2.04665E-08
Eun	W03	3	DMND	9	NoSATR	VFD_Chill	0.000370806	0	4.66887E-08
Eun	W04	3	DMND	9	NoSATR	VFD_Chill	0.000397378	0	3.85486E-08
Eun	W05	3	DMND	9	NoSATR	VFD_Chill	0.000337308	0	6.05107E-08
Eun	W06	3	DMND	9	NoSATR	VFD_Chill	0.000445494	0	6.60304E-08
Eun	W07	3	DMND	9	NoSATR	VFD_Chill	0.000463209	0	5.59167E-08
Eun	W08	3	DMND	9	NoSATR	VFD_Chill	0.0004907	0	3.55513E-08
Eun	W09	3	DMND	9	NoSATR	VFD_Chill	0.000480494	0	4.19505E-08
Eun	W10	3	DMND	9	NoSATR	VFD_Chill	0.000383617	0	2.38439E-09
Eun	W11	3	DMND	9	NoSATR	VFD_Chill	0.000295658	0	-5.17333E-09
Eun	W12	3	DMND	9	NoSATR	VFD_Chill	0.000330259	0	1.15113E-08
Eun	W13	3	DMND	9	NoSATR	VFD_Chill	0.000389777	0	1.43002E-08
Eun	W14	3	DMND	9	NoSATR	VFD_Chill	0.000305649	0	-5.44609E-09
Eun	W15	3	DMND	9	NoSATR	VFD_Chill	0.000429588	0	-8.88782E-09
Eun	W16	3	DMND	9	NoSATR	VFD_Chill	0.000240952	0	3.12943E-08
Eun	W01	3	DMND	9	OATSATR	VFD_Chill	0.000241687	0	5.40073E-08
Eun	W02	3	DMND	9	OATSATR	VFD_Chill	0.000280886	0	1.9921E-08
Eun	W03	3	DMND	9	OATSATR	VFD_Chill	0.0003317	0	4.65844E-08
Eun	W04	3	DMND	9	OATSATR	VFD_Chill	0.000372768	0	4.06909E-08
Eun	W05	3	DMND	9	OATSATR	VFD_Chill	0.000309419	0	6.02717E-08
Eun	W06	3	DMND	9	OATSATR	VFD_Chill	0.00042021	0	6.6913E-08
Eun	W07	3	DMND	9	OATSATR	VFD_Chill	0.000442981	0	5.8537E-08
Eun	W08	3	DMND	9	OATSATR	VFD_Chill	0.00046802	0	3.5346E-08
Eun	W09	3	DMND	9	OATSATR	VFD_Chill	0.000456803	0	4.13743E-08
Eun	W10	3	DMND	9	OATSATR	VFD_Chill	0.000363941	0	2.28325E-09
Eun	W11	3	DMND	9	OATSATR	VFD_Chill	0.000274358	0	-5.2101E-09
Eun	W12	3	DMND	9	OATSATR	VFD_Chill	0.000306477	0	1.09994E-08
Eun	W13	3	DMND	9	OATSATR	VFD_Chill	0.000368201	0	1.41654E-08
Eun	W14	3	DMND	9	OATSATR	VFD_Chill	0.000288333	0	-5.41544E-09
Eun	W15	3	DMND	9	OATSATR	VFD_Chill	0.000415858	0	-8.92153E-09
Eun	W16	3	DMND	9	OATSATR	VFD_Chill	0.000227896	0	3.12269E-08
Eun	W01	3	DMND	9	DmdSATR	VFD_Chill	0.000239297	0	6.4121E-08
Eun	W02	3	DMND	9	DmdSATR	VFD_Chill	0.000282602	0	1.98536E-08
Eun	W03	3	DMND	9	DmdSATR	VFD_Chill	0.000328482	0	4.51195E-08
Eun	W04	3	DMND	9	DmdSATR	VFD_Chill	0.000375894	0	3.65719E-08
Eun	W05	3	DMND	9	DmdSATR	VFD_Chill	0.000307611	0	6.03422E-08
Eun	W06	3	DMND	9	DmdSATR	VFD_Chill	0.000413652	0	6.47677E-08
Eun	W07	3	DMND	9	DmdSATR	VFD_Chill	0.000434645	0	5.34955E-08
Eun	W08	3	DMND	9	DmdSATR	VFD_Chill	0.000462964	0	3.12269E-08
Eun	W09	3	DMND	9	DmdSATR	VFD_Chill	0.000456497	0	4.22264E-08
Eun	W10	3	DMND	9	DmdSATR	VFD_Chill	0.000370408	0	4.78104E-10
Eun	W11	3	DMND	9	DmdSATR	VFD_Chill	0.000279813	0	-4.8362E-09
Eun	W12	3	DMND	9	DmdSATR	VFD_Chill	0.000310308	0	1.06593E-08
Eun	W13	3	DMND	9	DmdSATR	VFD_Chill	0.000369764	0	1.35861E-08
Eun	W14	3	DMND	9	DmdSATR	VFD_Chill	0.000289712	0	-5.1059E-09
Eun	W15	3	DMND	9	DmdSATR	VFD_Chill	0.000416961	0	-8.54763E-09
Eun	W16	3	DMND	9	DmdSATR	VFD_Chill	0.00022998	0	2.84012E-08
Eun	W01	3	DMND	3	NoSATR	No_VFD_Chill	3.70837E-05	0	8.27487E-09
Eun	W02	3	DMND	3	NoSATR	No_VFD_Chill	4.27535E-05	0	6.84362E-09
Eun	W03	3	DMND	3	NoSATR	No_VFD_Chill	4.93734E-05	0	1.08952E-08
Eun	W04	3	DMND	3	NoSATR	No_VFD_Chill	5.70966E-05	0	8.85411E-09
Eun	W05	3	DMND	3	NoSATR	No_VFD_Chill	4.50214E-05	0	8.61812E-09
Eun	W06	3	DMND	3	NoSATR	No_VFD_Chill	6.04985E-05	0	1.008E-08
Eun	W07	3	DMND	3	NoSATR	No_VFD_Chill	6.33181E-05	0	1.08983E-08
Eun	W08	3	DMND	3	NoSATR	No_VFD_Chill	6.672E-05	0	9.36286E-09
Eun	W09	3	DMND	3	NoSATR	No_VFD_Chill	6.94476E-05	0	1.14101E-08
Eun	W10	3	DMND	3	NoSATR	No_VFD_Chill	5.58094E-05	0	1.05734E-09
Eun	W11	3	DMND	3	NoSATR	No_VFD_Chill	4.31213E-05	0	-2.04113E-09
Eun	W12	3	DMND	3	NoSATR	No_VFD_Chill	4.76571E-05	0	4.8362E-09
Eun	W13	3	DMND	3	NoSATR	No_VFD_Chill	5.53497E-05	0	5.07219E-09
Eun	W14	3	DMND	3	NoSATR	No_VFD_Chill	4.42859E-05	0	-2.14534E-09
Eun	W15	3	DMND	3	NoSATR	No_VFD_Chill	6.30729E-05	0	-3.40802E-09
Eun	W16	3	DMND	3	NoSATR	No_VFD_Chill	3.38044E-05	0	7.73241E-09
Eun	W01	3	DMND	3	OATSATR	No_VFD_Chill	3.22413E-05	0	7.6282E-09
Eun	W02	3	DMND	3	OATSATR	No_VFD_Chill	3.95968E-05	0	6.84362E-09
Eun	W03	3	DMND	3	OATSATR	No_VFD_Chill	4.58489E-05	0	1.07604E-08
Eun	W04	3	DMND	3	OATSATR	No_VFD_Chill	5.32043E-05	0	8.74991E-09
Eun	W05	3	DMND	3	OATSATR	No_VFD_Chill	4.23244E-05	0	8.71926E-09
Eun	W06	3	DMND	3	OATSATR	No_VFD_Chill	5.84144E-05	0	1.01137E-08
Eun	W07	3	DMND	3	OATSATR	No_VFD_Chill	6.18776E-05	0	1.08983E-08
Eun	W08	3	DMND	3	OATSATR	No_VFD_Chill	6.52489E-05	0	9.36286E-09
Eun	W09	3	DMND	3	OATSATR	No_VFD_Chill	6.76087E-05	0	1.13396E-08
Eun	W10	3	DMND	3	OATSATR	No_VFD_Chill	5.44303E-05	0	1.05428E-09
Eun	W11	3	DMND	3	OATSATR	No_VFD_Chill	4.10679E-05	0	-2.04113E-09
Eun	W12	3	DMND	3	OATSATR	No_VFD_Chill	4.43778E-05	0	4.22325E-09
Eun	W13	3	DMND	3	OATSATR	No_VFD_Chill	5.30205E-05	0	5.03848E-09
Eun	W14	3	DMND	3	OATSATR	No_VFD_Chill	4.21712E-05	0	-2.14534E-09
Eun	W15	3	DMND	3	OATSATR	No_VFD_Chill	6.09276E-05	0	-3.40496E-09
Eun	W16	3	DMND	3	OATSATR	No_VFD_Chill	3.25478E-05	0	7.76305E-09
Eun	W01	3	DMND	3	DmdSATR	No_VFD_Chill	3.17203E-05	0	8.17373E-09
Eun	W02	3	DMND	3	DmdSATR	No_VFD_Chill	4.00565E-05	0	6.8804E-09
Eun	W03	3	DMND	3	DmdSATR	No_VFD_Chill	4.46536E-05	0	1.08646E-08
Eun	W04	3	DMND	3	DmdSATR	No_VFD_Chill	5.31124E-05	0	8.74991E-09
Eun	W05	3	DMND	3	DmdSATR	No_VFD_Chill	4.20486E-05	0	8.95831E-09
Eun	W06	3	DMND	3	DmdSATR	No_VFD_Chill	5.82612E-05	0	1.03865E-08
Eun	W07	3	DMND	3	DmdSATR	No_VFD_Chill	6.00388E-05	0	1.1168E-08
Eun	W08	3	DMND	3	DmdSATR	No_VFD_Chill	6.4544E-05	0	8.61506E-09
Eun	W09	3	DMND	3	DmdSATR	No_VFD_Chill	6.70571E-05	0	1.17472E-08
Eun	W10	3	DMND	3	DmdSATR	No_VFD_Chill	5.39399E-05	0	2.72764E-10
Eun	W11	3	DMND	3	DmdSATR	No_VFD_Chill	4.0884E-05	0	-1.87564E-09
Eun	W12	3	DMND	3	DmdSATR	No_VFD_Chill	4.45617E-05	0	4.39488E-09
Eun	W13	3	DMND	3	DmdSATR	No_VFD_Chill	5.26527E-05	0	5.14268E-09
Eun	W14	3	DMND	3	DmdSATR	No_VFD_Chill	4.22631E-05	0	-2.01049E-09
Eun	W15	3	DMND	3	DmdSATR	No_VFD_Chill	6.09582E-05	0	-3.23639E-09
Eun	W16	3	DMND	3	DmdSATR	No_VFD_Chill	3.3406E-05	0	7.04896E-09
Eun	W01	3	DMND	9	NoSATR	No_VFD_Chill	7.68643E-05	0	1.88973E-08

## CHWST Reset db

Eun	W02	3	DMND	9	NoSATR	No_VFD_Chill	8.42811E-05	0	6.80991E-09
Eun	W03	3	DMND	9	NoSATR	No_VFD_Chill	0.000102118	0	1.68562E-08
Eun	W04	3	DMND	9	NoSATR	No_VFD_Chill	0.000112416	0	1.2872E-08
Eun	W05	3	DMND	9	NoSATR	No_VFD_Chill	9.4119E-05	0	2.05002E-08
Eun	W06	3	DMND	9	NoSATR	No_VFD_Chill	0.000126146	0	2.06718E-08
Eun	W07	3	DMND	9	NoSATR	No_VFD_Chill	0.000133011	0	1.89678E-08
Eun	W08	3	DMND	9	NoSATR	No_VFD_Chill	0.000138129	0	1.21549E-08
Eun	W09	3	DMND	9	NoSATR	No_VFD_Chill	0.000136903	0	1.40642E-08
Eun	W10	3	DMND	9	NoSATR	No_VFD_Chill	0.000110822	0	6.12953E-10
Eun	W11	3	DMND	9	NoSATR	No_VFD_Chill	8.41585E-05	0	-2.58666E-09
Eun	W12	3	DMND	9	NoSATR	No_VFD_Chill	9.31689E-05	0	3.81563E-09
Eun	W13	3	DMND	9	NoSATR	No_VFD_Chill	0.000108707	0	3.67772E-09
Eun	W14	3	DMND	9	NoSATR	No_VFD_Chill	8.91541E-05	0	-2.62038E-09
Eun	W15	3	DMND	9	NoSATR	No_VFD_Chill	0.000123663	0	-3.7145E-09
Eun	W16	3	DMND	9	NoSATR	No_VFD_Chill	6.78539E-05	0	1.02516E-08
Eun	W01	3	DMND	9	OATSATR	No_VFD_Chill	6.47892E-05	0	1.62095E-08
Eun	W02	3	DMND	9	OATSATR	No_VFD_Chill	7.75079E-05	0	6.53715E-09
Eun	W03	3	DMND	9	OATSATR	No_VFD_Chill	9.1943E-05	0	1.67888E-08
Eun	W04	3	DMND	9	OATSATR	No_VFD_Chill	0.000106439	0	1.36198E-08
Eun	W05	3	DMND	9	OATSATR	No_VFD_Chill	8.7591E-05	0	2.05002E-08
Eun	W06	3	DMND	9	OATSATR	No_VFD_Chill	0.000121702	0	2.08067E-08
Eun	W07	3	DMND	9	OATSATR	No_VFD_Chill	0.000128781	0	1.99884E-08
Eun	W08	3	DMND	9	OATSATR	No_VFD_Chill	0.000133256	0	1.21549E-08
Eun	W09	3	DMND	9	OATSATR	No_VFD_Chill	0.000131724	0	1.38926E-08
Eun	W10	3	DMND	9	OATSATR	No_VFD_Chill	0.000106685	0	6.12953E-10
Eun	W11	3	DMND	9	OATSATR	No_VFD_Chill	7.67724E-05	0	-2.55295E-09
Eun	W12	3	DMND	9	OATSATR	No_VFD_Chill	8.63958E-05	0	3.40496E-09
Eun	W13	3	DMND	9	OATSATR	No_VFD_Chill	0.000103681	0	3.64401E-09
Eun	W14	3	DMND	9	OATSATR	No_VFD_Chill	8.37601E-05	0	-2.58973E-09
Eun	W15	3	DMND	9	OATSATR	No_VFD_Chill	0.00011925	0	-3.71143E-09
Eun	W16	3	DMND	9	OATSATR	No_VFD_Chill	6.51876E-05	0	1.02823E-08
Eun	W01	3	DMND	9	DmdSATR	No_VFD_Chill	6.42069E-05	0	1.78431E-08
Eun	W02	3	DMND	9	DmdSATR	No_VFD_Chill	7.82435E-05	0	6.70877E-09
Eun	W03	3	DMND	9	DmdSATR	No_VFD_Chill	9.05945E-05	0	1.63107E-08
Eun	W04	3	DMND	9	DmdSATR	No_VFD_Chill	0.000106838	0	1.22928E-08
Eun	W05	3	DMND	9	DmdSATR	No_VFD_Chill	8.62425E-05	0	2.1012E-08
Eun	W06	3	DMND	9	DmdSATR	No_VFD_Chill	0.00011876	0	2.06381E-08
Eun	W07	3	DMND	9	DmdSATR	No_VFD_Chill	0.000125993	0	1.83886E-08
Eun	W08	3	DMND	9	DmdSATR	No_VFD_Chill	0.00013154	0	1.08309E-08
Eun	W09	3	DMND	9	DmdSATR	No_VFD_Chill	0.00013203	0	1.45055E-08
Eun	W10	3	DMND	9	DmdSATR	No_VFD_Chill	0.000108002	0	-7.04896E-11
Eun	W11	3	DMND	9	DmdSATR	No_VFD_Chill	7.78144E-05	0	-2.31696E-09
Eun	W12	3	DMND	9	DmdSATR	No_VFD_Chill	8.76217E-05	0	3.40802E-09
Eun	W13	3	DMND	9	DmdSATR	No_VFD_Chill	0.000103007	0	3.9842E-09
Eun	W14	3	DMND	9	DmdSATR	No_VFD_Chill	8.3331E-05	0	-2.35068E-09
Eun	W15	3	DMND	9	DmdSATR	No_VFD_Chill	0.00011971	0	-3.50916E-09
Eun	W16	3	DMND	9	DmdSATR	No_VFD_Chill	6.59844E-05	0	9.39964E-09
Eun	W01	5	DMND	3	NoSATR	VFD_Chill	0.000100524	0	2.52996E-08
Eun	W02	5	DMND	3	NoSATR	VFD_Chill	0.000108002	0	4.79942E-09
Eun	W03	5	DMND	3	NoSATR	VFD_Chill	0.000131356	0	2.04634E-08
Eun	W04	5	DMND	3	NoSATR	VFD_Chill	0.000151277	0	1.95808E-08
Eun	W05	5	DMND	3	NoSATR	VFD_Chill	0.000117595	0	1.97494E-08
Eun	W06	5	DMND	3	NoSATR	VFD_Chill	0.000159337	0	2.47909E-08
Eun	W07	5	DMND	3	NoSATR	VFD_Chill	0.000168225	0	2.52996E-08
Eun	W08	5	DMND	3	NoSATR	VFD_Chill	0.000186614	0	1.43033E-08
Eun	W09	5	DMND	3	NoSATR	VFD_Chill	0.000183488	0	2.23391E-08
Eun	W10	5	DMND	3	NoSATR	VFD_Chill	0.000142696	0	-3.19962E-09
Eun	W11	5	DMND	3	NoSATR	VFD_Chill	0.000103681	0	-5.51658E-09
Eun	W12	5	DMND	3	NoSATR	VFD_Chill	0.0001202	0	-1.05428E-09
Eun	W13	5	DMND	3	NoSATR	VFD_Chill	0.000147538	0	7.56078E-09
Eun	W14	5	DMND	3	NoSATR	VFD_Chill	0.00010457	0	-5.96097E-09
Eun	W15	5	DMND	3	NoSATR	VFD_Chill	0.000162187	0	-4.56344E-09
Eun	W16	5	DMND	3	NoSATR	VFD_Chill	8.52312E-05	0	6.30116E-09
Eun	W01	5	DMND	3	OATSATR	VFD_Chill	8.34536E-05	0	2.03654E-08
Eun	W02	5	DMND	3	OATSATR	VFD_Chill	9.89613E-05	0	4.63393E-09
Eun	W03	5	DMND	3	OATSATR	VFD_Chill	0.000114316	0	2.01937E-08
Eun	W04	5	DMND	3	OATSATR	VFD_Chill	0.000140274	0	1.95808E-08
Eun	W05	5	DMND	3	OATSATR	VFD_Chill	0.000106685	0	1.97524E-08
Eun	W06	5	DMND	3	OATSATR	VFD_Chill	0.000148611	0	2.51985E-08
Eun	W07	5	DMND	3	OATSATR	VFD_Chill	0.000159674	0	2.54713E-08
Eun	W08	5	DMND	3	OATSATR	VFD_Chill	0.0001765	0	1.41991E-08
Eun	W09	5	DMND	3	OATSATR	VFD_Chill	0.000174048	0	2.20663E-08
Eun	W10	5	DMND	3	OATSATR	VFD_Chill	0.000134543	0	-3.23333E-09
Eun	W11	5	DMND	3	OATSATR	VFD_Chill	9.60191E-05	0	-5.51658E-09
Eun	W12	5	DMND	3	OATSATR	VFD_Chill	0.00011073	0	-1.05428E-09
Eun	W13	5	DMND	3	OATSATR	VFD_Chill	0.000138129	0	7.6282E-09
Eun	W14	5	DMND	3	OATSATR	VFD_Chill	9.92678E-05	0	-5.99468E-09
Eun	W15	5	DMND	3	OATSATR	VFD_Chill	0.000156518	0	-4.56344E-09
Eun	W16	5	DMND	3	OATSATR	VFD_Chill	8.00211E-05	0	6.33487E-09
Eun	W01	5	DMND	3	DmdSATR	VFD_Chill	8.10324E-05	0	2.31574E-08
Eun	W02	5	DMND	3	DmdSATR	VFD_Chill	9.89307E-05	0	4.4623E-09
Eun	W03	5	DMND	3	DmdSATR	VFD_Chill	0.000114898	0	1.87625E-08
Eun	W04	5	DMND	3	DmdSATR	VFD_Chill	0.000139569	0	1.99547E-08
Eun	W05	5	DMND	3	DmdSATR	VFD_Chill	0.000106439	0	1.97861E-08
Eun	W06	5	DMND	3	DmdSATR	VFD_Chill	0.00014671	0	2.44139E-08
Eun	W07	5	DMND	3	DmdSATR	VFD_Chill	0.000156855	0	2.52016E-08
Eun	W08	5	DMND	3	DmdSATR	VFD_Chill	0.000174048	0	1.14745E-08
Eun	W09	5	DMND	3	DmdSATR	VFD_Chill	0.0001727	0	2.19958E-08
Eun	W10	5	DMND	3	DmdSATR	VFD_Chill	0.000135616	0	-2.99734E-09
Eun	W11	5	DMND	3	DmdSATR	VFD_Chill	9.85322E-05	0	-5.2101E-09
Eun	W12	5	DMND	3	DmdSATR	VFD_Chill	0.000114404	0	3.73902E-10
Eun	W13	5	DMND	3	DmdSATR	VFD_Chill	0.000138344	0	8.98896E-09
Eun	W14	5	DMND	3	DmdSATR	VFD_Chill	9.96969E-05	0	-5.71885E-09
Eun	W15	5	DMND	3	DmdSATR	VFD_Chill	0.000157774	0	-4.59715E-09
Eun	W16	5	DMND	3	DmdSATR	VFD_Chill	8.0113E-05	0	5.75563E-09
Eun	W01	5	DMND	9	NoSATR	VFD_Chill	0.000240186	0	6.23159E-08
Eun	W02	5	DMND	9	NoSATR	VFD_Chill	0.000251863	0	4.29067E-09
Eun	W03	5	DMND	9	NoSATR	VFD_Chill	0.000313005	0	2.32922E-08



## CHWST Reset db

Eun	W04	5 DMND	9 NoSATR	VFD_Chill	0.000333416	0	2.71753E-08
Eun	W05	5 DMND	9 NoSATR	VFD_Chill	0.000282786	0	4.29742E-08
Eun	W06	5 DMND	9 NoSATR	VFD_Chill	0.000377702	0	4.87298E-08
Eun	W07	5 DMND	9 NoSATR	VFD_Chill	0.00039324	0	3.6912E-08
Eun	W08	5 DMND	9 NoSATR	VFD_Chill	0.000426799	0	1.50174E-08
Eun	W09	5 DMND	9 NoSATR	VFD_Chill	0.000401944	0	2.41779E-08
Eun	W10	5 DMND	9 NoSATR	VFD_Chill	0.000316008	0	-3.57658E-09
Eun	W11	5 DMND	9 NoSATR	VFD_Chill	0.000239573	0	-6.09582E-09
Eun	W12	5 DMND	9 NoSATR	VFD_Chill	0.000270619	0	-2.28019E-09
Eun	W13	5 DMND	9 NoSATR	VFD_Chill	0.000325754	0	6.36858E-09
Eun	W14	5 DMND	9 NoSATR	VFD_Chill	0.000248828	0	-6.43601E-09
Eun	W15	5 DMND	9 NoSATR	VFD_Chill	0.00036201	0	-4.90363E-09
Eun	W16	5 DMND	9 NoSATR	VFD_Chill	0.000199547	0	9.6724E-09
Eun	W01	5 DMND	9 OATSATR	VFD_Chill	0.000195318	0	4.91068E-08
Eun	W02	5 DMND	9 OATSATR	VFD_Chill	0.000228999	0	3.78192E-09
Eun	W03	5 DMND	9 OATSATR	VFD_Chill	0.000273071	0	2.33934E-08
Eun	W04	5 DMND	9 OATSATR	VFD_Chill	0.000311901	0	2.96608E-08
Eun	W05	5 DMND	9 OATSATR	VFD_Chill	0.000255142	0	4.2873E-08
Eun	W06	5 DMND	9 OATSATR	VFD_Chill	0.000352847	0	5.14881E-08
Eun	W07	5 DMND	9 OATSATR	VFD_Chill	0.000373932	0	4.02159E-08
Eun	W08	5 DMND	9 OATSATR	VFD_Chill	0.000404733	0	1.47446E-08
Eun	W09	5 DMND	9 OATSATR	VFD_Chill	0.000379449	0	2.36324E-08
Eun	W10	5 DMND	9 OATSATR	VFD_Chill	0.000296179	0	-3.60723E-09
Eun	W11	5 DMND	9 OATSATR	VFD_Chill	0.000219774	0	-6.09582E-09
Eun	W12	5 DMND	9 OATSATR	VFD_Chill	0.000246898	0	-2.24647E-09
Eun	W13	5 DMND	9 OATSATR	VFD_Chill	0.000303044	0	6.36858E-09
Eun	W14	5 DMND	9 OATSATR	VFD_Chill	0.000233106	0	-6.43601E-09
Eun	W15	5 DMND	9 OATSATR	VFD_Chill	0.000348525	0	-4.90363E-09
Eun	W16	5 DMND	9 OATSATR	VFD_Chill	0.000186123	0	9.46706E-09
Eun	W01	5 DMND	9 DmdSATR	VFD_Chill	0.000191364	0	5.72437E-08
Eun	W02	5 DMND	9 DmdSATR	VFD_Chill	0.000232095	0	3.74514E-09
Eun	W03	5 DMND	9 DmdSATR	VFD_Chill	0.000272734	0	2.06014E-08
Eun	W04	5 DMND	9 DmdSATR	VFD_Chill	0.000316376	0	2.61179E-08
Eun	W05	5 DMND	9 DmdSATR	VFD_Chill	0.000254498	0	4.2398E-08
Eun	W06	5 DMND	9 DmdSATR	VFD_Chill	0.00034923	0	4.76724E-08
Eun	W07	5 DMND	9 DmdSATR	VFD_Chill	0.000369212	0	3.55513E-08
Eun	W08	5 DMND	9 DmdSATR	VFD_Chill	0.000402159	0	1.11006E-08
Eun	W09	5 DMND	9 DmdSATR	VFD_Chill	0.000380031	0	2.45518E-08
Eun	W10	5 DMND	9 DmdSATR	VFD_Chill	0.000305802	0	-3.30382E-09
Eun	W11	5 DMND	9 DmdSATR	VFD_Chill	0.000226639	0	-5.65449E-09
Eun	W12	5 DMND	9 DmdSATR	VFD_Chill	0.00025318	0	-4.78104E-10
Eun	W13	5 DMND	9 DmdSATR	VFD_Chill	0.000308438	0	7.86419E-09
Eun	W14	5 DMND	9 DmdSATR	VFD_Chill	0.000235864	0	-6.05904E-09
Eun	W15	5 DMND	9 DmdSATR	VFD_Chill	0.000352326	0	-4.86685E-09
Eun	W16	5 DMND	9 DmdSATR	VFD_Chill	0.000189065	0	8.54763E-09
Eun	W01	5 DMND	3 NoSATR	No_VFD_Chill	2.93605E-05	0	7.01525E-09
Eun	W02	5 DMND	3 NoSATR	No_VFD_Chill	3.08315E-05	0	8.85717E-10
Eun	W03	5 DMND	3 NoSATR	No_VFD_Chill	3.79418E-05	0	5.38173E-09
Eun	W04	5 DMND	3 NoSATR	No_VFD_Chill	4.20486E-05	0	4.79942E-09
Eun	W05	5 DMND	3 NoSATR	No_VFD_Chill	3.45093E-05	0	5.72192E-09
Eun	W06	5 DMND	3 NoSATR	No_VFD_Chill	4.50521E-05	0	6.60457E-09
Eun	W07	5 DMND	3 NoSATR	No_VFD_Chill	4.76878E-05	0	6.91411E-09
Eun	W08	5 DMND	3 NoSATR	No_VFD_Chill	5.2714E-05	0	4.05162E-09
Eun	W09	5 DMND	3 NoSATR	No_VFD_Chill	5.02009E-05	0	5.00783E-09
Eun	W10	5 DMND	3 NoSATR	No_VFD_Chill	3.99952E-05	0	-1.09106E-09
Eun	W11	5 DMND	3 NoSATR	No_VFD_Chill	2.94831E-05	0	-1.87257E-09
Eun	W12	5 DMND	3 NoSATR	No_VFD_Chill	3.37431E-05	0	-1.02057E-09
Eun	W13	5 DMND	3 NoSATR	No_VFD_Chill	4.15582E-05	0	1.15848E-09
Eun	W14	5 DMND	3 NoSATR	No_VFD_Chill	3.03412E-05	0	-2.04113E-09
Eun	W15	5 DMND	3 NoSATR	No_VFD_Chill	4.62473E-05	0	-1.29333E-09
Eun	W16	5 DMND	3 NoSATR	No_VFD_Chill	2.52843E-05	0	1.32704E-09
Eun	W01	5 DMND	3 OATSATR	No_VFD_Chill	2.53456E-05	0	6.67506E-09
Eun	W02	5 DMND	3 OATSATR	No_VFD_Chill	2.85636E-05	0	8.52005E-10
Eun	W03	5 DMND	3 OATSATR	No_VFD_Chill	3.24865E-05	0	5.31124E-09
Eun	W04	5 DMND	3 OATSATR	No_VFD_Chill	3.9321E-05	0	4.8362E-09
Eun	W05	5 DMND	3 OATSATR	No_VFD_Chill	3.18736E-05	0	5.78934E-09
Eun	W06	5 DMND	3 OATSATR	No_VFD_Chill	4.32132E-05	0	6.80991E-09
Eun	W07	5 DMND	3 OATSATR	No_VFD_Chill	4.64312E-05	0	7.11639E-09
Eun	W08	5 DMND	3 OATSATR	No_VFD_Chill	5.04154E-05	0	4.05162E-09
Eun	W09	5 DMND	3 OATSATR	No_VFD_Chill	4.89443E-05	0	4.97412E-09
Eun	W10	5 DMND	3 OATSATR	No_VFD_Chill	3.83096E-05	0	-1.05428E-09
Eun	W11	5 DMND	3 OATSATR	No_VFD_Chill	2.74603E-05	0	-1.87257E-09
Eun	W12	5 DMND	3 OATSATR	No_VFD_Chill	3.12606E-05	0	-9.53142E-10
Eun	W13	5 DMND	3 OATSATR	No_VFD_Chill	3.88306E-05	0	1.25962E-09
Eun	W14	5 DMND	3 OATSATR	No_VFD_Chill	2.97282E-05	0	-2.0442E-09
Eun	W15	5 DMND	3 OATSATR	No_VFD_Chill	4.43778E-05	0	-1.2964E-09
Eun	W16	5 DMND	3 OATSATR	No_VFD_Chill	2.39971E-05	0	1.36076E-09
Eun	W01	5 DMND	3 DmdSATR	No_VFD_Chill	2.40891E-05	0	6.84362E-09
Eun	W02	5 DMND	3 DmdSATR	No_VFD_Chill	2.86862E-05	0	9.1943E-10
Eun	W03	5 DMND	3 DmdSATR	No_VFD_Chill	3.43254E-05	0	4.90363E-09
Eun	W04	5 DMND	3 DmdSATR	No_VFD_Chill	3.97807E-05	0	5.14268E-09
Eun	W05	5 DMND	3 DmdSATR	No_VFD_Chill	3.21188E-05	0	6.0284E-09
Eun	W06	5 DMND	3 DmdSATR	No_VFD_Chill	4.33358E-05	0	6.64135E-09
Eun	W07	5 DMND	3 DmdSATR	No_VFD_Chill	4.63086E-05	0	6.94476E-09
Eun	W08	5 DMND	3 DmdSATR	No_VFD_Chill	5.02928E-05	0	3.19962E-09
Eun	W09	5 DMND	3 DmdSATR	No_VFD_Chill	4.95879E-05	0	5.04154E-09
Eun	W10	5 DMND	3 DmdSATR	No_VFD_Chill	3.91677E-05	0	-9.1943E-10
Eun	W11	5 DMND	3 DmdSATR	No_VFD_Chill	2.89007E-05	0	-1.6703E-09
Eun	W12	5 DMND	3 DmdSATR	No_VFD_Chill	3.20881E-05	0	-3.73902E-10
Eun	W13	5 DMND	3 DmdSATR	No_VFD_Chill	3.94435E-05	0	2.18211E-09
Eun	W14	5 DMND	3 DmdSATR	No_VFD_Chill	2.98508E-05	0	-1.87257E-09
Eun	W15	5 DMND	3 DmdSATR	No_VFD_Chill	4.59408E-05	0	-1.46496E-09
Eun	W16	5 DMND	3 DmdSATR	No_VFD_Chill	2.42423E-05	0	1.25962E-09
Eun	W01	5 DMND	9 NoSATR	No_VFD_Chill	6.54941E-05	0	1.52901E-08
Eun	W02	5 DMND	9 NoSATR	No_VFD_Chill	6.76087E-05	0	4.07614E-10
Eun	W03	5 DMND	9 NoSATR	No_VFD_Chill	8.40359E-05	0	5.38173E-09
Eun	W04	5 DMND	9 NoSATR	No_VFD_Chill	8.84492E-05	0	6.02533E-09
Eun	W05	5 DMND	9 NoSATR	No_VFD_Chill	7.6282E-05	0	1.008E-08

## CHWST Reset db

Eun	W06	5	DMND	9	NoSATR	No_VFD_Chill	9.93597E-05	0	1.10332E-08
Eun	W07	5	DMND	9	NoSATR	No_VFD_Chill	0.000103436	0	9.46706E-09
Eun	W08	5	DMND	9	NoSATR	No_VFD_Chill	0.000112569	0	3.77886E-09
Eun	W09	5	DMND	9	NoSATR	No_VFD_Chill	0.00010647	0	4.97105E-09
Eun	W10	5	DMND	9	NoSATR	No_VFD_Chill	8.40972E-05	0	-1.46496E-09
Eun	W11	5	DMND	9	NoSATR	No_VFD_Chill	6.4973E-05	0	-2.35068E-09
Eun	W12	5	DMND	9	NoSATR	No_VFD_Chill	7.26656E-05	0	-2.07485E-09
Eun	W13	5	DMND	9	NoSATR	No_VFD_Chill	8.69781E-05	0	1.01137E-10
Eun	W14	5	DMND	9	NoSATR	No_VFD_Chill	6.89879E-05	0	-2.45181E-09
Eun	W15	5	DMND	9	NoSATR	No_VFD_Chill	9.85016E-05	0	-1.63352E-09
Eun	W16	5	DMND	9	NoSATR	No_VFD_Chill	5.5319E-05	0	1.5661E-09
Eun	W01	5	DMND	9	OATSATR	No_VFD_Chill	5.46141E-05	0	1.44718E-08
Eun	W02	5	DMND	9	OATSATR	No_VFD_Chill	6.27051E-05	0	1.37914E-10
Eun	W03	5	DMND	9	OATSATR	No_VFD_Chill	7.38915E-05	0	5.44915E-09
Eun	W04	5	DMND	9	OATSATR	No_VFD_Chill	8.45876E-05	0	6.67506E-09
Eun	W05	5	DMND	9	OATSATR	No_VFD_Chill	7.05203E-05	0	1.03191E-08
Eun	W06	5	DMND	9	OATSATR	No_VFD_Chill	9.61111E-05	0	1.21886E-08
Eun	W07	5	DMND	9	OATSATR	No_VFD_Chill	0.000100647	0	1.04202E-08
Eun	W08	5	DMND	9	OATSATR	No_VFD_Chill	0.000108585	0	3.77886E-09
Eun	W09	5	DMND	9	OATSATR	No_VFD_Chill	0.00010221	0	4.90363E-09
Eun	W10	5	DMND	9	OATSATR	No_VFD_Chill	7.98372E-05	0	-1.43125E-09
Eun	W11	5	DMND	9	OATSATR	No_VFD_Chill	5.97016E-05	0	-2.35068E-09
Eun	W12	5	DMND	9	OATSATR	No_VFD_Chill	6.63215E-05	0	-2.01049E-09
Eun	W13	5	DMND	9	OATSATR	No_VFD_Chill	8.08485E-05	0	1.71627E-10
Eun	W14	5	DMND	9	OATSATR	No_VFD_Chill	6.56473E-05	0	-2.45181E-09
Eun	W15	5	DMND	9	OATSATR	No_VFD_Chill	9.47013E-05	0	-1.60287E-09
Eun	W16	5	DMND	9	OATSATR	No_VFD_Chill	5.24688E-05	0	1.59981E-09
Eun	W01	5	DMND	9	DmdSATR	No_VFD_Chill	5.3143E-05	0	1.50511E-08
Eun	W02	5	DMND	9	DmdSATR	No_VFD_Chill	6.36858E-05	0	3.06477E-10
Eun	W03	5	DMND	9	DmdSATR	No_VFD_Chill	7.53933E-05	0	4.8362E-09
Eun	W04	5	DMND	9	DmdSATR	No_VFD_Chill	8.60586E-05	0	6.50343E-09
Eun	W05	5	DMND	9	DmdSATR	No_VFD_Chill	7.10413E-05	0	1.06255E-08
Eun	W06	5	DMND	9	DmdSATR	No_VFD_Chill	9.65708E-05	0	1.14776E-08
Eun	W07	5	DMND	9	DmdSATR	No_VFD_Chill	0.000101291	0	9.39657E-09
Eun	W08	5	DMND	9	DmdSATR	No_VFD_Chill	0.000109443	0	2.792E-09
Eun	W09	5	DMND	9	DmdSATR	No_VFD_Chill	0.00010365	0	5.44915E-09
Eun	W10	5	DMND	9	DmdSATR	No_VFD_Chill	8.281E-05	0	-1.19219E-09
Eun	W11	5	DMND	9	DmdSATR	No_VFD_Chill	6.17244E-05	0	-2.0442E-09
Eun	W12	5	DMND	9	DmdSATR	No_VFD_Chill	6.85895E-05	0	-1.12477E-09
Eun	W13	5	DMND	9	DmdSATR	No_VFD_Chill	8.34536E-05	0	1.19219E-09
Eun	W14	5	DMND	9	DmdSATR	No_VFD_Chill	6.64135E-05	0	-2.17905E-09
Eun	W15	5	DMND	9	DmdSATR	No_VFD_Chill	9.75209E-05	0	-1.70095E-09
Eun	W16	5	DMND	9	DmdSATR	No_VFD_Chill	5.36334E-05	0	1.53238E-09
Htl	W01	75	DMND	3	NoSATR	VFD_Chill	0.000638226	0	8.88361E-08
Htl	W02	75	DMND	3	NoSATR	VFD_Chill	0.000894072	0	7.06664E-08
Htl	W03	75	DMND	3	NoSATR	VFD_Chill	0.000830697	0	1.1113E-07
Htl	W04	75	DMND	3	NoSATR	VFD_Chill	0.000951304	0	1.31013E-07
Htl	W05	75	DMND	3	NoSATR	VFD_Chill	0.000801556	0	1.10445E-07
Htl	W06	75	DMND	3	NoSATR	VFD_Chill	0.000900678	0	1.08043E-07
Htl	W07	75	DMND	3	NoSATR	VFD_Chill	0.000960688	0	1.20048E-07
Htl	W08	75	DMND	3	NoSATR	VFD_Chill	0.00106336	0	5.07494E-08
Htl	W09	75	DMND	3	NoSATR	VFD_Chill	0.001116517	0	7.9921E-08
Htl	W10	75	DMND	3	NoSATR	VFD_Chill	0.0010566	0	6.99811E-08
Htl	W11	75	DMND	3	NoSATR	VFD_Chill	0.000914384	0	9.63744E-08
Htl	W12	75	DMND	3	NoSATR	VFD_Chill	0.000970227	0	4.8712E-08
Htl	W13	75	DMND	3	NoSATR	VFD_Chill	0.001034158	0	3.08695E-08
Htl	W14	75	DMND	3	NoSATR	VFD_Chill	0.000927102	0	1.09895E-08
Htl	W15	75	DMND	3	NoSATR	VFD_Chill	0.001131952	0	4.28777E-08
Htl	W16	75	DMND	3	NoSATR	VFD_Chill	0.00069126	0	3.36199E-08
Htl	W01	75	DMND	3	OATSATR	VFD_Chill	0.000617297	0	8.84935E-08
Htl	W02	75	DMND	3	OATSATR	VFD_Chill	0.000861536	0	7.09905E-08
Htl	W03	75	DMND	3	OATSATR	VFD_Chill	0.000789023	0	1.10445E-07
Htl	W04	75	DMND	3	OATSATR	VFD_Chill	0.000913798	0	1.29997E-07
Htl	W05	75	DMND	3	OATSATR	VFD_Chill	0.000772971	0	1.10102E-07
Htl	W06	75	DMND	3	OATSATR	VFD_Chill	0.000871661	0	1.09074E-07
Htl	W07	75	DMND	3	OATSATR	VFD_Chill	0.000948186	0	1.1936E-07
Htl	W08	75	DMND	3	OATSATR	VFD_Chill	0.001033324	0	5.07494E-08
Htl	W09	75	DMND	3	OATSATR	VFD_Chill	0.001075152	0	8.06002E-08
Htl	W10	75	DMND	3	OATSATR	VFD_Chill	0.001039652	0	7.13393E-08
Htl	W11	75	DMND	3	OATSATR	VFD_Chill	0.000893331	0	9.7424E-08
Htl	W12	75	DMND	3	OATSATR	VFD_Chill	0.000938617	0	5.04098E-08
Htl	W13	75	DMND	3	OATSATR	VFD_Chill	0.001009184	0	3.1919E-08
Htl	W14	75	DMND	3	OATSATR	VFD_Chill	0.000913798	0	1.12982E-08
Htl	W15	75	DMND	3	OATSATR	VFD_Chill	0.001112381	0	4.76624E-08
Htl	W16	75	DMND	3	OATSATR	VFD_Chill	0.000689994	0	3.49967E-08
Htl	W01	75	DMND	3	DmdSATR	VFD_Chill	0.00061492	0	8.84935E-08
Htl	W02	75	DMND	3	DmdSATR	VFD_Chill	0.000870426	0	7.13362E-08
Htl	W03	75	DMND	3	DmdSATR	VFD_Chill	0.000794487	0	1.10787E-07
Htl	W04	75	DMND	3	DmdSATR	VFD_Chill	0.000912316	0	1.29982E-07
Htl	W05	75	DMND	3	DmdSATR	VFD_Chill	0.00077262	0	1.10102E-07
Htl	W06	75	DMND	3	DmdSATR	VFD_Chill	0.000872957	0	1.09414E-07
Htl	W07	75	DMND	3	DmdSATR	VFD_Chill	0.000944358	0	1.19706E-07
Htl	W08	75	DMND	3	DmdSATR	VFD_Chill	0.001036504	0	4.93911E-08
Htl	W09	75	DMND	3	DmdSATR	VFD_Chill	0.001075677	0	7.89023E-08
Htl	W10	75	DMND	3	DmdSATR	VFD_Chill	0.001035084	0	7.09998E-08
Htl	W11	75	DMND	3	DmdSATR	VFD_Chill	0.00089259	0	9.63744E-08
Htl	W12	75	DMND	3	DmdSATR	VFD_Chill	0.000938864	0	4.76624E-08
Htl	W13	75	DMND	3	DmdSATR	VFD_Chill	0.00100869	0	3.08695E-08
Htl	W14	75	DMND	3	DmdSATR	VFD_Chill	0.000917533	0	1.09587E-08
Htl	W15	75	DMND	3	DmdSATR	VFD_Chill	0.001112906	0	4.76624E-08
Htl	W16	75	DMND	3	DmdSATR	VFD_Chill	0.000688728	0	3.25858E-08
Htl	W01	75	DMND	9	NoSATR	VFD_Chill	0.001373845	0	1.99624E-07
Htl	W02	75	DMND	9	NoSATR	VFD_Chill	0.001871121	0	6.79221E-08
Htl	W03	75	DMND	9	NoSATR	VFD_Chill	0.001792342	0	1.93104E-07
Htl	W04	75	DMND	9	NoSATR	VFD_Chill	0.001976973	0	1.40959E-07
Htl	W05	75	DMND	9	NoSATR	VFD_Chill	0.00173437	0	2.0957E-07
Htl	W06	75	DMND	9	NoSATR	VFD_Chill	0.001946443	0	2.34608E-07
Htl	W07	75	DMND	9	NoSATR	VFD_Chill	0.002084923	0	2.20201E-07

## CHWST Reset db

Htl	W08	75	DMND	9	NoSATR	VFD_Chill	0.002226768	0	5.82939E-08
Htl	W09	75	DMND	9	NoSATR	VFD_Chill	0.002290575	0	8.50762E-08
Htl	W10	75	DMND	9	NoSATR	VFD_Chill	0.002191546	0	6.68941E-08
Htl	W11	75	DMND	9	NoSATR	VFD_Chill	0.001897268	0	9.70536E-08
Htl	W12	75	DMND	9	NoSATR	VFD_Chill	0.002001761	0	4.42359E-08
Htl	W13	75	DMND	9	NoSATR	VFD_Chill	0.002119281	0	2.91716E-08
Htl	W14	75	DMND	9	NoSATR	VFD_Chill	0.001951104	0	9.26084E-09
Htl	W15	75	DMND	9	NoSATR	VFD_Chill	0.0023241	0	4.08094E-08
Htl	W16	75	DMND	9	NoSATR	VFD_Chill	0.001463614	0	3.01903E-08
Htl	W01	75	DMND	9	OATSATR	VFD_Chill	0.001321398	0	1.99281E-07
Htl	W02	75	DMND	9	OATSATR	VFD_Chill	0.001801325	0	6.85888E-08
Htl	W03	75	DMND	9	OATSATR	VFD_Chill	0.001691399	0	1.95506E-07
Htl	W04	75	DMND	9	OATSATR	VFD_Chill	0.001903719	0	1.42345E-07
Htl	W05	75	DMND	9	OATSATR	VFD_Chill	0.001673711	0	2.10258E-07
Htl	W06	75	DMND	9	OATSATR	VFD_Chill	0.001886155	0	2.34608E-07
Htl	W07	75	DMND	9	OATSATR	VFD_Chill	0.002048497	0	2.21229E-07
Htl	W08	75	DMND	9	OATSATR	VFD_Chill	0.002182347	0	5.89823E-08
Htl	W09	75	DMND	9	OATSATR	VFD_Chill	0.002230164	0	8.57245E-08
Htl	W10	75	DMND	9	OATSATR	VFD_Chill	0.002143575	0	6.82524E-08
Htl	W11	75	DMND	9	OATSATR	VFD_Chill	0.001836393	0	9.84427E-08
Htl	W12	75	DMND	9	OATSATR	VFD_Chill	0.001936534	0	4.59646E-08
Htl	W13	75	DMND	9	OATSATR	VFD_Chill	0.002075137	0	3.01903E-08
Htl	W14	75	DMND	9	OATSATR	VFD_Chill	0.001916746	0	9.26084E-09
Htl	W15	75	DMND	9	OATSATR	VFD_Chill	0.002277394	0	4.56251E-08
Htl	W16	75	DMND	9	OATSATR	VFD_Chill	0.001445678	0	3.19098E-08
Htl	W01	75	DMND	9	DmdSATR	VFD_Chill	0.001320348	0	2.00997E-07
Htl	W02	75	DMND	9	DmdSATR	VFD_Chill	0.001817378	0	6.92772E-08
Htl	W03	75	DMND	9	DmdSATR	VFD_Chill	0.001695227	0	1.95851E-07
Htl	W04	75	DMND	9	DmdSATR	VFD_Chill	0.001899398	0	1.40613E-07
Htl	W05	75	DMND	9	DmdSATR	VFD_Chill	0.001679175	0	2.10255E-07
Htl	W06	75	DMND	9	DmdSATR	VFD_Chill	0.001887729	0	2.34608E-07
Htl	W07	75	DMND	9	DmdSATR	VFD_Chill	0.002044175	0	2.19858E-07
Htl	W08	75	DMND	9	DmdSATR	VFD_Chill	0.002183057	0	5.72937E-08
Htl	W09	75	DMND	9	DmdSATR	VFD_Chill	0.002214945	0	8.36871E-08
Htl	W10	75	DMND	9	DmdSATR	VFD_Chill	0.002137	0	6.8254E-08
Htl	W11	75	DMND	9	DmdSATR	VFD_Chill	0.001832596	0	9.70844E-08
Htl	W12	75	DMND	9	DmdSATR	VFD_Chill	0.001934527	0	4.32172E-08
Htl	W13	75	DMND	9	DmdSATR	VFD_Chill	0.002069704	0	2.91408E-08
Htl	W14	75	DMND	9	DmdSATR	VFD_Chill	0.001918691	0	8.92127E-09
Htl	W15	75	DMND	9	DmdSATR	VFD_Chill	0.002276159	0	4.56251E-08
Htl	W16	75	DMND	9	DmdSATR	VFD_Chill	0.001449599	0	2.91531E-08
Htl	W01	75	DMND	3	NoSATR	No_VFD_Chill	0.000168918	0	3.19005E-08
Htl	W02	75	DMND	3	NoSATR	No_VFD_Chill	0.000247172	0	2.71034E-08
Htl	W03	75	DMND	3	NoSATR	No_VFD_Chill	0.000226952	0	4.1504E-08
Htl	W04	75	DMND	3	NoSATR	No_VFD_Chill	0.000266465	0	4.97307E-08
Htl	W05	75	DMND	3	NoSATR	No_VFD_Chill	0.000224112	0	4.39025E-08
Htl	W06	75	DMND	3	NoSATR	No_VFD_Chill	0.000257112	0	3.80713E-08
Htl	W07	75	DMND	3	NoSATR	No_VFD_Chill	0.000265385	0	4.42452E-08
Htl	W08	75	DMND	3	NoSATR	No_VFD_Chill	0.000300915	0	2.29977E-08
Htl	W09	75	DMND	3	NoSATR	No_VFD_Chill	0.000314961	0	3.05299E-08
Htl	W10	75	DMND	3	NoSATR	No_VFD_Chill	0.000299557	0	2.50351E-08
Htl	W11	75	DMND	3	NoSATR	No_VFD_Chill	0.000248407	0	3.77225E-08
Htl	W12	75	DMND	3	NoSATR	No_VFD_Chill	0.000277208	0	1.50952E-08
Htl	W13	75	DMND	3	NoSATR	No_VFD_Chill	0.000281499	0	1.065E-08
Htl	W14	75	DMND	3	NoSATR	No_VFD_Chill	0.000253593	0	3.45738E-09
Htl	W15	75	DMND	3	NoSATR	No_VFD_Chill	0.000322709	0	1.23478E-08
Htl	W16	75	DMND	3	NoSATR	No_VFD_Chill	0.000179043	0	1.06191E-08
Htl	W01	75	DMND	3	OATSATR	No_VFD_Chill	0.000161169	0	3.08695E-08
Htl	W02	75	DMND	3	OATSATR	No_VFD_Chill	0.000232046	0	2.71034E-08
Htl	W03	75	DMND	3	OATSATR	No_VFD_Chill	0.000209881	0	4.08156E-08
Htl	W04	75	DMND	3	OATSATR	No_VFD_Chill	0.000250012	0	4.90516E-08
Htl	W05	75	DMND	3	OATSATR	No_VFD_Chill	0.000211857	0	4.35599E-08
Htl	W06	75	DMND	3	OATSATR	No_VFD_Chill	0.00024251	0	3.94419E-08
Htl	W07	75	DMND	3	OATSATR	No_VFD_Chill	0.000264736	0	4.3563E-08
Htl	W08	75	DMND	3	OATSATR	No_VFD_Chill	0.000289772	0	2.29669E-08
Htl	W09	75	DMND	3	OATSATR	No_VFD_Chill	0.000297427	0	3.05299E-08
Htl	W10	75	DMND	3	OATSATR	No_VFD_Chill	0.00029931	0	2.53747E-08
Htl	W11	75	DMND	3	OATSATR	No_VFD_Chill	0.000243375	0	3.8062E-08
Htl	W12	75	DMND	3	OATSATR	No_VFD_Chill	0.000264613	0	1.57743E-08
Htl	W13	75	DMND	3	OATSATR	No_VFD_Chill	0.000270787	0	1.06191E-08
Htl	W14	75	DMND	3	OATSATR	No_VFD_Chill	0.000248468	0	3.76607E-09
Htl	W15	75	DMND	3	OATSATR	No_VFD_Chill	0.000313973	0	1.61139E-08
Htl	W16	75	DMND	3	OATSATR	No_VFD_Chill	0.000182315	0	1.13291E-08
Htl	W01	75	DMND	3	DmdSATR	No_VFD_Chill	0.000158731	0	3.12121E-08
Htl	W02	75	DMND	3	DmdSATR	No_VFD_Chill	0.000239115	0	2.70725E-08
Htl	W03	75	DMND	3	DmdSATR	No_VFD_Chill	0.000216673	0	4.08156E-08
Htl	W04	75	DMND	3	DmdSATR	No_VFD_Chill	0.000249518	0	4.93911E-08
Htl	W05	75	DMND	3	DmdSATR	No_VFD_Chill	0.000215098	0	4.39025E-08
Htl	W06	75	DMND	3	DmdSATR	No_VFD_Chill	0.000244239	0	3.9445E-08
Htl	W07	75	DMND	3	DmdSATR	No_VFD_Chill	0.000262143	0	4.42452E-08
Htl	W08	75	DMND	3	DmdSATR	No_VFD_Chill	0.000294062	0	2.22877E-08
Htl	W09	75	DMND	3	DmdSATR	No_VFD_Chill	0.000301903	0	3.01903E-08
Htl	W10	75	DMND	3	DmdSATR	No_VFD_Chill	0.000295791	0	2.53747E-08
Htl	W11	75	DMND	3	DmdSATR	No_VFD_Chill	0.000244548	0	3.77225E-08
Htl	W12	75	DMND	3	DmdSATR	No_VFD_Chill	0.000265755	0	1.47247E-08
Htl	W13	75	DMND	3	DmdSATR	No_VFD_Chill	0.000273565	0	1.065E-08
Htl	W14	75	DMND	3	DmdSATR	No_VFD_Chill	0.000252327	0	3.45738E-09
Htl	W15	75	DMND	3	DmdSATR	No_VFD_Chill	0.000316875	0	1.61139E-08
Htl	W16	75	DMND	3	DmdSATR	No_VFD_Chill	0.000180062	0	1.02795E-08
Htl	W01	75	DMND	9	NoSATR	No_VFD_Chill	0.00035219	0	6.89438E-08
Htl	W02	75	DMND	9	NoSATR	No_VFD_Chill	0.0004882	0	2.46956E-08
Htl	W03	75	DMND	9	NoSATR	No_VFD_Chill	0.000473136	0	7.20308E-08
Htl	W04	75	DMND	9	NoSATR	No_VFD_Chill	0.0005237	0	5.14285E-08
Htl	W05	75	DMND	9	NoSATR	No_VFD_Chill	0.000468537	0	8.23196E-08
Htl	W06	75	DMND	9	NoSATR	No_VFD_Chill	0.000540895	0	8.33475E-08
Htl	W07	75	DMND	9	NoSATR	No_VFD_Chill	0.000573308	0	7.92326E-08
Htl	W08	75	DMND	9	NoSATR	No_VFD_Chill	0.000600627	0	2.60847E-08
Htl	W09	75	DMND	9	NoSATR	No_VFD_Chill	0.00060927	0	3.29377E-08

## CHWST Reset db

Htl	W10	75	DMND	9	NoSATR	No_VFD_Chill	0.000593126	0	2.26273E-08
Htl	W11	75	DMND	9	NoSATR	No_VFD_Chill	0.00047897	0	3.73829E-08
Htl	W12	75	DMND	9	NoSATR	No_VFD_Chill	0.000530862	0	1.09895E-08
Htl	W13	75	DMND	9	NoSATR	No_VFD_Chill	0.000546698	0	9.26084E-09
Htl	W14	75	DMND	9	NoSATR	No_VFD_Chill	0.000514933	0	2.06825E-09
Htl	W15	75	DMND	9	NoSATR	No_VFD_Chill	0.000635787	0	1.065E-08
Htl	W16	75	DMND	9	NoSATR	No_VFD_Chill	0.000356697	0	6.17389E-09
Htl	W01	75	DMND	9	OATSATR	No_VFD_Chill	0.00032984	0	6.72275E-08
Htl	W02	75	DMND	9	OATSATR	No_VFD_Chill	0.000456559	0	2.5066E-08
Htl	W03	75	DMND	9	OATSATR	No_VFD_Chill	0.000427727	0	7.2713E-08
Htl	W04	75	DMND	9	OATSATR	No_VFD_Chill	0.000492954	0	5.21385E-08
Htl	W05	75	DMND	9	OATSATR	No_VFD_Chill	0.000445539	0	8.26622E-08
Htl	W06	75	DMND	9	OATSATR	No_VFD_Chill	0.000507741	0	8.36902E-08
Htl	W07	75	DMND	9	OATSATR	No_VFD_Chill	0.000554477	0	7.889E-08
Htl	W08	75	DMND	9	OATSATR	No_VFD_Chill	0.000584945	0	2.63934E-08
Htl	W09	75	DMND	9	OATSATR	No_VFD_Chill	0.00059575	0	3.25673E-08
Htl	W10	75	DMND	9	OATSATR	No_VFD_Chill	0.000581828	0	2.33064E-08
Htl	W11	75	DMND	9	OATSATR	No_VFD_Chill	0.000454738	0	3.8062E-08
Htl	W12	75	DMND	9	OATSATR	No_VFD_Chill	0.000510426	0	1.16687E-08
Htl	W13	75	DMND	9	OATSATR	No_VFD_Chill	0.000530276	0	9.26084E-09
Htl	W14	75	DMND	9	OATSATR	No_VFD_Chill	0.000500147	0	2.06825E-09
Htl	W15	75	DMND	9	OATSATR	No_VFD_Chill	0.000614703	0	1.4416E-08
Htl	W16	75	DMND	9	OATSATR	No_VFD_Chill	0.000349164	0	6.85302E-09
Htl	W01	75	DMND	9	DmdSATR	No_VFD_Chill	0.00032913	0	6.96261E-08
Htl	W02	75	DMND	9	DmdSATR	No_VFD_Chill	0.000470667	0	2.50351E-08
Htl	W03	75	DMND	9	DmdSATR	No_VFD_Chill	0.00043563	0	7.2713E-08
Htl	W04	75	DMND	9	DmdSATR	No_VFD_Chill	0.000492121	0	5.14594E-08
Htl	W05	75	DMND	9	DmdSATR	No_VFD_Chill	0.000449706	0	8.30049E-08
Htl	W06	75	DMND	9	DmdSATR	No_VFD_Chill	0.00051197	0	8.36902E-08
Htl	W07	75	DMND	9	DmdSATR	No_VFD_Chill	0.000555249	0	7.889E-08
Htl	W08	75	DMND	9	DmdSATR	No_VFD_Chill	0.000589977	0	2.57451E-08
Htl	W09	75	DMND	9	DmdSATR	No_VFD_Chill	0.000590502	0	3.22277E-08
Htl	W10	75	DMND	9	DmdSATR	No_VFD_Chill	0.00057908	0	2.33733E-08
Htl	W11	75	DMND	9	DmdSATR	No_VFD_Chill	0.000456405	0	3.73829E-08
Htl	W12	75	DMND	9	DmdSATR	No_VFD_Chill	0.000512032	0	1.09587E-08
Htl	W13	75	DMND	9	DmdSATR	No_VFD_Chill	0.000533579	0	9.26084E-09
Htl	W14	75	DMND	9	DmdSATR	No_VFD_Chill	0.000503543	0	2.06825E-09
Htl	W15	75	DMND	9	DmdSATR	No_VFD_Chill	0.000620353	0	1.47556E-08
Htl	W16	75	DMND	9	DmdSATR	No_VFD_Chill	0.000351665	0	5.83433E-09
Htl	W01	85	DMND	3	NoSATR	VFD_Chill	0.000656099	0	8.54065E-08
Htl	W02	85	DMND	3	NoSATR	VFD_Chill	0.00086345	0	7.09998E-08
Htl	W03	85	DMND	3	NoSATR	VFD_Chill	0.00079889	0	1.077E-07
Htl	W04	85	DMND	3	NoSATR	VFD_Chill	0.000909569	0	1.27593E-07
Htl	W05	85	DMND	3	NoSATR	VFD_Chill	0.000784825	0	1.08043E-07
Htl	W06	85	DMND	3	NoSATR	VFD_Chill	0.000895183	0	1.077E-07
Htl	W07	85	DMND	3	NoSATR	VFD_Chill	0.00095186	0	1.17304E-07
Htl	W08	85	DMND	3	NoSATR	VFD_Chill	0.001026965	0	4.87058E-08
Htl	W09	85	DMND	3	NoSATR	VFD_Chill	0.00108395	0	7.9211E-08
Htl	W10	85	DMND	3	NoSATR	VFD_Chill	0.001023076	0	7.06602E-08
Htl	W11	85	DMND	3	NoSATR	VFD_Chill	0.000871476	0	9.53249E-08
Htl	W12	85	DMND	3	NoSATR	VFD_Chill	0.000919447	0	5.34968E-08
Htl	W13	85	DMND	3	NoSATR	VFD_Chill	0.001000572	0	3.22586E-08
Htl	W14	85	DMND	3	NoSATR	VFD_Chill	0.000886509	0	1.09895E-08
Htl	W15	85	DMND	3	NoSATR	VFD_Chill	0.001060736	0	4.56251E-08
Htl	W16	85	DMND	3	NoSATR	VFD_Chill	0.000690828	0	3.12152E-08
Htl	W01	85	DMND	3	OATSATR	VFD_Chill	0.000646931	0	8.50639E-08
Htl	W02	85	DMND	3	OATSATR	VFD_Chill	0.000826993	0	7.13455E-08
Htl	W03	85	DMND	3	OATSATR	VFD_Chill	0.00077044	0	1.077E-07
Htl	W04	85	DMND	3	OATSATR	VFD_Chill	0.00087623	0	1.27593E-07
Htl	W05	85	DMND	3	OATSATR	VFD_Chill	0.000761303	0	1.08386E-07
Htl	W06	85	DMND	3	OATSATR	VFD_Chill	0.000872	0	1.08043E-07
Htl	W07	85	DMND	3	OATSATR	VFD_Chill	0.000926362	0	1.16961E-07
Htl	W08	85	DMND	3	OATSATR	VFD_Chill	0.001008351	0	4.87058E-08
Htl	W09	85	DMND	3	OATSATR	VFD_Chill	0.00106123	0	7.95506E-08
Htl	W10	85	DMND	3	OATSATR	VFD_Chill	0.00099733	0	7.03206E-08
Htl	W11	85	DMND	3	OATSATR	VFD_Chill	0.000832981	0	9.56953E-08
Htl	W12	85	DMND	3	OATSATR	VFD_Chill	0.000883175	0	5.34968E-08
Htl	W13	85	DMND	3	OATSATR	VFD_Chill	0.000975382	0	3.18881E-08
Htl	W14	85	DMND	3	OATSATR	VFD_Chill	0.000864808	0	1.09587E-08
Htl	W15	85	DMND	3	OATSATR	VFD_Chill	0.001043727	0	4.56251E-08
Htl	W16	85	DMND	3	OATSATR	VFD_Chill	0.000683573	0	3.08695E-08
Htl	W01	85	DMND	3	DmdSATR	VFD_Chill	0.000638874	0	8.57492E-08
Htl	W02	85	DMND	3	DmdSATR	VFD_Chill	0.0008269	0	7.09998E-08
Htl	W03	85	DMND	3	DmdSATR	VFD_Chill	0.000746022	0	1.08043E-07
Htl	W04	85	DMND	3	DmdSATR	VFD_Chill	0.000862678	0	1.27935E-07
Htl	W05	85	DMND	3	DmdSATR	VFD_Chill	0.000750066	0	1.08386E-07
Htl	W06	85	DMND	3	DmdSATR	VFD_Chill	0.000846471	0	1.08043E-07
Htl	W07	85	DMND	3	DmdSATR	VFD_Chill	0.000913983	0	1.17647E-07
Htl	W08	85	DMND	3	DmdSATR	VFD_Chill	0.000983594	0	4.83601E-08
Htl	W09	85	DMND	3	DmdSATR	VFD_Chill	0.001033386	0	7.95815E-08
Htl	W10	85	DMND	3	DmdSATR	VFD_Chill	0.000977327	0	7.03206E-08
Htl	W11	85	DMND	3	DmdSATR	VFD_Chill	0.000823813	0	9.56953E-08
Htl	W12	85	DMND	3	DmdSATR	VFD_Chill	0.000881786	0	5.17989E-08
Htl	W13	85	DMND	3	DmdSATR	VFD_Chill	0.000967387	0	3.22586E-08
Htl	W14	85	DMND	3	DmdSATR	VFD_Chill	0.000869469	0	1.065E-08
Htl	W15	85	DMND	3	DmdSATR	VFD_Chill	0.00103033	0	4.55942E-08
Htl	W16	85	DMND	3	DmdSATR	VFD_Chill	0.000679313	0	2.98384E-08
Htl	W01	85	DMND	9	NoSATR	VFD_Chill	0.001394682	0	1.92419E-07
Htl	W02	85	DMND	9	NoSATR	VFD_Chill	0.001795275	0	6.82555E-08
Htl	W03	85	DMND	9	NoSATR	VFD_Chill	0.001713625	0	1.9962E-07
Htl	W04	85	DMND	9	NoSATR	VFD_Chill	0.001892329	0	1.43713E-07
Htl	W05	85	DMND	9	NoSATR	VFD_Chill	0.001688189	0	2.07856E-07
Htl	W06	85	DMND	9	NoSATR	VFD_Chill	0.001924001	0	2.31521E-07
Htl	W07	85	DMND	9	NoSATR	VFD_Chill	0.002053621	0	2.21917E-07
Htl	W08	85	DMND	9	NoSATR	VFD_Chill	0.002165091	0	5.72783E-08
Htl	W09	85	DMND	9	NoSATR	VFD_Chill	0.002223218	0	8.40267E-08
Htl	W10	85	DMND	9	NoSATR	VFD_Chill	0.002114496	0	6.72337E-08
Htl	W11	85	DMND	9	NoSATR	VFD_Chill	0.001814661	0	9.77327E-08

## CHWST Reset db

Htl	W12	85	DMND	9	NoSATR	VFD_Chill	0.001910356	0	4.8712E-08
Htl	W13	85	DMND	9	NoSATR	VFD_Chill	0.00203723	0	3.01903E-08
Htl	W14	85	DMND	9	NoSATR	VFD_Chill	0.001847475	0	8.92127E-09
Htl	W15	85	DMND	9	NoSATR	VFD_Chill	0.002162868	0	4.32172E-08
Htl	W16	85	DMND	9	NoSATR	VFD_Chill	0.001451081	0	2.70972E-08
Htl	W01	85	DMND	9	OATSATR	VFD_Chill	0.00137082	0	1.99624E-07
Htl	W02	85	DMND	9	OATSATR	VFD_Chill	0.001721281	0	6.92865E-08
Htl	W03	85	DMND	9	OATSATR	VFD_Chill	0.001641422	0	2.00651E-07
Htl	W04	85	DMND	9	OATSATR	VFD_Chill	0.00182812	0	1.45086E-07
Htl	W05	85	DMND	9	OATSATR	VFD_Chill	0.001637686	0	2.08542E-07
Htl	W06	85	DMND	9	OATSATR	VFD_Chill	0.00188103	0	2.32206E-07
Htl	W07	85	DMND	9	OATSATR	VFD_Chill	0.002001668	0	2.21232E-07
Htl	W08	85	DMND	9	OATSATR	VFD_Chill	0.002124868	0	5.72814E-08
Htl	W09	85	DMND	9	OATSATR	VFD_Chill	0.002168332	0	8.43662E-08
Htl	W10	85	DMND	9	OATSATR	VFD_Chill	0.002060691	0	6.72337E-08
Htl	W11	85	DMND	9	OATSATR	VFD_Chill	0.00173866	0	9.84427E-08
Htl	W12	85	DMND	9	OATSATR	VFD_Chill	0.0018434	0	4.76624E-08
Htl	W13	85	DMND	9	OATSATR	VFD_Chill	0.001969317	0	3.01595E-08
Htl	W14	85	DMND	9	OATSATR	VFD_Chill	0.001809598	0	8.92127E-09
Htl	W15	85	DMND	9	OATSATR	VFD_Chill	0.002212798	0	4.32172E-08
Htl	W16	85	DMND	9	OATSATR	VFD_Chill	0.001436356	0	2.74399E-08
Htl	W01	85	DMND	9	DmdSATR	VFD_Chill	0.001356929	0	1.93447E-07
Htl	W02	85	DMND	9	DmdSATR	VFD_Chill	0.001711156	0	6.82555E-08
Htl	W03	85	DMND	9	DmdSATR	VFD_Chill	0.001590734	0	2.00309E-07
Htl	W04	85	DMND	9	DmdSATR	VFD_Chill	0.001800523	0	1.44744E-07
Htl	W05	85	DMND	9	DmdSATR	VFD_Chill	0.001615707	0	2.08542E-07
Htl	W06	85	DMND	9	DmdSATR	VFD_Chill	0.001828923	0	2.3015E-07
Htl	W07	85	DMND	9	DmdSATR	VFD_Chill	0.00196802	0	2.20204E-07
Htl	W08	85	DMND	9	DmdSATR	VFD_Chill	0.002077329	0	5.72783E-08
Htl	W09	85	DMND	9	DmdSATR	VFD_Chill	0.002211347	0	8.40267E-08
Htl	W10	85	DMND	9	DmdSATR	VFD_Chill	0.002027197	0	6.72337E-08
Htl	W11	85	DMND	9	DmdSATR	VFD_Chill	0.001713533	0	9.84427E-08
Htl	W12	85	DMND	9	DmdSATR	VFD_Chill	0.001828552	0	4.73537E-08
Htl	W13	85	DMND	9	DmdSATR	VFD_Chill	0.001952771	0	3.01903E-08
Htl	W14	85	DMND	9	DmdSATR	VFD_Chill	0.001805616	0	8.58171E-09
Htl	W15	85	DMND	9	DmdSATR	VFD_Chill	0.002101253	0	4.35568E-08
Htl	W16	85	DMND	9	DmdSATR	VFD_Chill	0.001431849	0	2.64088E-08
Htl	W01	85	DMND	3	NoSATR	No_VFD_Chill	0.000184352	0	2.98415E-08
Htl	W02	85	DMND	3	NoSATR	No_VFD_Chill	0.00024248	0	2.67638E-08
Htl	W03	85	DMND	3	NoSATR	No_VFD_Chill	0.000220933	0	3.9445E-08
Htl	W04	85	DMND	3	NoSATR	No_VFD_Chill	0.00025455	0	4.76624E-08
Htl	W05	85	DMND	3	NoSATR	No_VFD_Chill	0.000221211	0	4.28715E-08
Htl	W06	85	DMND	3	NoSATR	No_VFD_Chill	0.000257914	0	3.87566E-08
Htl	W07	85	DMND	3	NoSATR	No_VFD_Chill	0.000266589	0	4.25319E-08
Htl	W08	85	DMND	3	NoSATR	No_VFD_Chill	0.000289648	0	2.19482E-08
Htl	W09	85	DMND	3	NoSATR	No_VFD_Chill	0.0003057	0	2.98508E-08
Htl	W10	85	DMND	3	NoSATR	No_VFD_Chill	0.000292889	0	2.50351E-08
Htl	W11	85	DMND	3	NoSATR	No_VFD_Chill	0.000231984	0	3.67038E-08
Htl	W12	85	DMND	3	NoSATR	No_VFD_Chill	0.000251833	0	1.68239E-08
Htl	W13	85	DMND	3	NoSATR	No_VFD_Chill	0.000275572	0	1.06191E-08
Htl	W14	85	DMND	3	NoSATR	No_VFD_Chill	0.000244671	0	3.42651E-09
Htl	W15	85	DMND	3	NoSATR	No_VFD_Chill	0.000306009	0	1.50952E-08
Htl	W16	85	DMND	3	NoSATR	No_VFD_Chill	0.000181852	0	9.26084E-09
Htl	W01	85	DMND	3	OATSATR	No_VFD_Chill	0.000178055	0	2.94958E-08
Htl	W02	85	DMND	3	OATSATR	No_VFD_Chill	0.000216426	0	2.71034E-08
Htl	W03	85	DMND	3	OATSATR	No_VFD_Chill	0.000206486	0	3.97876E-08
Htl	W04	85	DMND	3	OATSATR	No_VFD_Chill	0.000232756	0	4.76933E-08
Htl	W05	85	DMND	3	OATSATR	No_VFD_Chill	0.000207165	0	4.28746E-08
Htl	W06	85	DMND	3	OATSATR	No_VFD_Chill	0.000244208	0	3.87566E-08
Htl	W07	85	DMND	3	OATSATR	No_VFD_Chill	0.000252049	0	4.25319E-08
Htl	W08	85	DMND	3	OATSATR	No_VFD_Chill	0.000282486	0	2.19482E-08
Htl	W09	85	DMND	3	OATSATR	No_VFD_Chill	0.00029823	0	3.01903E-08
Htl	W10	85	DMND	3	OATSATR	No_VFD_Chill	0.00027977	0	2.50351E-08
Htl	W11	85	DMND	3	OATSATR	No_VFD_Chill	0.000208431	0	3.67038E-08
Htl	W12	85	DMND	3	OATSATR	No_VFD_Chill	0.000228403	0	1.6793E-08
Htl	W13	85	DMND	3	OATSATR	No_VFD_Chill	0.000262915	0	1.06191E-08
Htl	W14	85	DMND	3	OATSATR	No_VFD_Chill	0.000228311	0	3.42651E-09
Htl	W15	85	DMND	3	OATSATR	No_VFD_Chill	0.000298014	0	1.54347E-08
Htl	W16	85	DMND	3	OATSATR	No_VFD_Chill	0.000177283	0	9.26084E-09
Htl	W01	85	DMND	3	DmdSATR	No_VFD_Chill	0.000175061	0	3.01842E-08
Htl	W02	85	DMND	3	DmdSATR	No_VFD_Chill	0.000221056	0	2.70725E-08
Htl	W03	85	DMND	3	DmdSATR	No_VFD_Chill	0.000192749	0	4.01303E-08
Htl	W04	85	DMND	3	DmdSATR	No_VFD_Chill	0.000228866	0	4.80329E-08
Htl	W05	85	DMND	3	DmdSATR	No_VFD_Chill	0.000204232	0	4.28746E-08
Htl	W06	85	DMND	3	DmdSATR	No_VFD_Chill	0.000232107	0	3.90993E-08
Htl	W07	85	DMND	3	DmdSATR	No_VFD_Chill	0.000251771	0	4.32172E-08
Htl	W08	85	DMND	3	DmdSATR	No_VFD_Chill	0.000272732	0	2.16086E-08
Htl	W09	85	DMND	3	DmdSATR	No_VFD_Chill	0.00028724	0	2.98199E-08
Htl	W10	85	DMND	3	DmdSATR	No_VFD_Chill	0.0002702	0	2.50351E-08
Htl	W11	85	DMND	3	DmdSATR	No_VFD_Chill	0.000205467	0	3.67038E-08
Htl	W12	85	DMND	3	DmdSATR	No_VFD_Chill	0.000233311	0	1.61139E-08
Htl	W13	85	DMND	3	DmdSATR	No_VFD_Chill	0.000262668	0	1.065E-08
Htl	W14	85	DMND	3	DmdSATR	No_VFD_Chill	0.000234978	0	3.42651E-09
Htl	W15	85	DMND	3	DmdSATR	No_VFD_Chill	0.000288938	0	1.50952E-08
Htl	W16	85	DMND	3	DmdSATR	No_VFD_Chill	0.000173949	0	8.91819E-09
Htl	W01	85	DMND	9	NoSATR	No_VFD_Chill	0.000371421	0	6.48259E-08
Htl	W02	85	DMND	9	NoSATR	No_VFD_Chill	0.000472457	0	2.4356E-08
Htl	W03	85	DMND	9	NoSATR	No_VFD_Chill	0.000454676	0	7.3744E-08
Htl	W04	85	DMND	9	NoSATR	No_VFD_Chill	0.000503573	0	5.21385E-08
Htl	W05	85	DMND	9	NoSATR	No_VFD_Chill	0.000457115	0	8.16312E-08
Htl	W06	85	DMND	9	NoSATR	No_VFD_Chill	0.000533764	0	8.19738E-08
Htl	W07	85	DMND	9	NoSATR	No_VFD_Chill	0.000565127	0	7.85442E-08
Htl	W08	85	DMND	9	NoSATR	No_VFD_Chill	0.000587878	0	2.57143E-08
Htl	W09	85	DMND	9	NoSATR	No_VFD_Chill	0.000593928	0	3.15486E-08
Htl	W10	85	DMND	9	NoSATR	No_VFD_Chill	0.000577814	0	2.23186E-08
Htl	W11	85	DMND	9	NoSATR	No_VFD_Chill	0.000462054	0	3.70433E-08
Htl	W12	85	DMND	9	NoSATR	No_VFD_Chill	0.000500024	0	1.23478E-08
Htl	W13	85	DMND	9	NoSATR	No_VFD_Chill	0.000528022	0	9.26084E-09



## CHWST Reset db

Htl	W14	85	DMND	9	NoSATR	No_VFD_Chill	0.000483817	0	1.72869E-09
Htl	W15	85	DMND	9	NoSATR	No_VFD_Chill	0.00059896	0	1.33665E-08
Htl	W16	85	DMND	9	NoSATR	No_VFD_Chill	0.000353177	0	4.1149E-09
Htl	W01	85	DMND	9	OATSATR	No_VFD_Chill	0.000352375	0	7.09998E-08
Htl	W02	85	DMND	9	OATSATR	No_VFD_Chill	0.000416059	0	2.53747E-08
Htl	W03	85	DMND	9	OATSATR	No_VFD_Chill	0.000410132	0	7.44293E-08
Htl	W04	85	DMND	9	OATSATR	No_VFD_Chill	0.00046014	0	5.28485E-08
Htl	W05	85	DMND	9	OATSATR	No_VFD_Chill	0.00042464	0	8.19738E-08
Htl	W06	85	DMND	9	OATSATR	No_VFD_Chill	0.000507432	0	8.23165E-08
Htl	W07	85	DMND	9	OATSATR	No_VFD_Chill	0.00052972	0	7.82016E-08
Htl	W08	85	DMND	9	OATSATR	No_VFD_Chill	0.000565714	0	2.53747E-08
Htl	W09	85	DMND	9	OATSATR	No_VFD_Chill	0.000566424	0	3.1919E-08
Htl	W10	85	DMND	9	OATSATR	No_VFD_Chill	0.000546575	0	2.26273E-08
Htl	W11	85	DMND	9	OATSATR	No_VFD_Chill	0.000414392	0	3.70433E-08
Htl	W12	85	DMND	9	OATSATR	No_VFD_Chill	0.00045764	0	1.20082E-08
Htl	W13	85	DMND	9	OATSATR	No_VFD_Chill	0.000482953	0	9.26084E-09
Htl	W14	85	DMND	9	OATSATR	No_VFD_Chill	0.000456621	0	1.69782E-09
Htl	W15	85	DMND	9	OATSATR	No_VFD_Chill	0.000568924	0	1.37369E-08
Htl	W16	85	DMND	9	OATSATR	No_VFD_Chill	0.000344225	0	4.80329E-09
Htl	W01	85	DMND	9	DmdSATR	No_VFD_Chill	0.000350121	0	6.55112E-08
Htl	W02	85	DMND	9	DmdSATR	No_VFD_Chill	0.000417417	0	2.46956E-08
Htl	W03	85	DMND	9	DmdSATR	No_VFD_Chill	0.000381886	0	7.44324E-08
Htl	W04	85	DMND	9	DmdSATR	No_VFD_Chill	0.000454553	0	5.28176E-08
Htl	W05	85	DMND	9	DmdSATR	No_VFD_Chill	0.000421584	0	8.19738E-08
Htl	W06	85	DMND	9	DmdSATR	No_VFD_Chill	0.00048465	0	8.16312E-08
Htl	W07	85	DMND	9	DmdSATR	No_VFD_Chill	0.000524194	0	7.82047E-08
Htl	W08	85	DMND	9	DmdSATR	No_VFD_Chill	0.000551421	0	2.53747E-08
Htl	W09	85	DMND	9	DmdSATR	No_VFD_Chill	0.000546112	0	3.15486E-08
Htl	W10	85	DMND	9	DmdSATR	No_VFD_Chill	0.000537221	0	2.22877E-08
Htl	W11	85	DMND	9	DmdSATR	No_VFD_Chill	0.000402846	0	3.73829E-08
Htl	W12	85	DMND	9	DmdSATR	No_VFD_Chill	0.000458072	0	1.20082E-08
Htl	W13	85	DMND	9	DmdSATR	No_VFD_Chill	0.00048323	0	8.92127E-09
Htl	W14	85	DMND	9	DmdSATR	No_VFD_Chill	0.000457454	0	1.69782E-09
Htl	W15	85	DMND	9	DmdSATR	No_VFD_Chill	0.000566609	0	1.33973E-08
Htl	W16	85	DMND	9	DmdSATR	No_VFD_Chill	0.000342034	0	4.45755E-09
Htl	W01	96	DMND	3	NoSATR	VFD_Chill	0.000589946	0	8.33475E-08
Htl	W02	96	DMND	3	NoSATR	VFD_Chill	0.000764297	0	6.89408E-08
Htl	W03	96	DMND	3	NoSATR	VFD_Chill	0.000753493	0	1.05299E-07
Htl	W04	96	DMND	3	NoSATR	VFD_Chill	0.000857739	0	1.25194E-07
Htl	W05	96	DMND	3	NoSATR	VFD_Chill	0.000737903	0	1.03928E-07
Htl	W06	96	DMND	3	NoSATR	VFD_Chill	0.000778281	0	9.6038E-08
Htl	W07	96	DMND	3	NoSATR	VFD_Chill	0.000853355	0	1.0669E-07
Htl	W08	96	DMND	3	NoSATR	VFD_Chill	0.000922132	0	3.60154E-08
Htl	W09	96	DMND	3	NoSATR	VFD_Chill	0.000945099	0	6.55112E-08
Htl	W10	96	DMND	3	NoSATR	VFD_Chill	0.000974086	0	6.00257E-08
Htl	W11	96	DMND	3	NoSATR	VFD_Chill	0.000729044	0	8.19769E-08
Htl	W12	96	DMND	3	NoSATR	VFD_Chill	0.00074238	0	3.91023E-08
Htl	W13	96	DMND	3	NoSATR	VFD_Chill	0.00082264	0	2.46956E-08
Htl	W14	96	DMND	3	NoSATR	VFD_Chill	0.000732656	0	8.23288E-09
Htl	W15	96	DMND	3	NoSATR	VFD_Chill	0.000922503	0	3.53301E-08
Htl	W16	96	DMND	3	NoSATR	VFD_Chill	0.000518576	0	1.612E-08
Htl	W01	96	DMND	3	OATSATR	VFD_Chill	0.000567319	0	8.36933E-08
Htl	W02	96	DMND	3	OATSATR	VFD_Chill	0.000729908	0	6.89408E-08
Htl	W03	96	DMND	3	OATSATR	VFD_Chill	0.000688945	0	1.05641E-07
Htl	W04	96	DMND	3	OATSATR	VFD_Chill	0.000820232	0	1.24848E-07
Htl	W05	96	DMND	3	OATSATR	VFD_Chill	0.000689871	0	1.03928E-07
Htl	W06	96	DMND	3	OATSATR	VFD_Chill	0.000724938	0	9.6038E-08
Htl	W07	96	DMND	3	OATSATR	VFD_Chill	0.000812916	0	1.07015E-07
Htl	W08	96	DMND	3	OATSATR	VFD_Chill	0.00087234	0	3.60154E-08
Htl	W09	96	DMND	3	OATSATR	VFD_Chill	0.000894813	0	6.58538E-08
Htl	W10	96	DMND	3	OATSATR	VFD_Chill	0.000931239	0	6.00226E-08
Htl	W11	96	DMND	3	OATSATR	VFD_Chill	0.000688883	0	8.19738E-08
Htl	W12	96	DMND	3	OATSATR	VFD_Chill	0.000703731	0	3.8417E-08
Htl	W13	96	DMND	3	OATSATR	VFD_Chill	0.00078464	0	2.46956E-08
Htl	W14	96	DMND	3	OATSATR	VFD_Chill	0.000711572	0	8.23288E-09
Htl	W15	96	DMND	3	OATSATR	VFD_Chill	0.000888639	0	3.56727E-08
Htl	W16	96	DMND	3	OATSATR	VFD_Chill	0.000509902	0	1.7148E-08
Htl	W01	96	DMND	3	DmdSATR	VFD_Chill	0.000561515	0	8.40328E-08
Htl	W02	96	DMND	3	DmdSATR	VFD_Chill	0.000716789	0	6.86012E-08
Htl	W03	96	DMND	3	DmdSATR	VFD_Chill	0.000673695	0	1.05641E-07
Htl	W04	96	DMND	3	DmdSATR	VFD_Chill	0.00081375	0	1.25194E-07
Htl	W05	96	DMND	3	DmdSATR	VFD_Chill	0.000681227	0	1.04271E-07
Htl	W06	96	DMND	3	DmdSATR	VFD_Chill	0.000695736	0	9.63806E-08
Htl	W07	96	DMND	3	DmdSATR	VFD_Chill	0.000775533	0	1.07015E-07
Htl	W08	96	DMND	3	DmdSATR	VFD_Chill	0.000839773	0	3.56727E-08
Htl	W09	96	DMND	3	DmdSATR	VFD_Chill	0.00086027	0	6.55142E-08
Htl	W10	96	DMND	3	DmdSATR	VFD_Chill	0.000916514	0	6.00226E-08
Htl	W11	96	DMND	3	DmdSATR	VFD_Chill	0.000680486	0	8.19738E-08
Htl	W12	96	DMND	3	DmdSATR	VFD_Chill	0.000695458	0	3.8414E-08
Htl	W13	96	DMND	3	DmdSATR	VFD_Chill	0.000773527	0	2.5384E-08
Htl	W14	96	DMND	3	DmdSATR	VFD_Chill	0.000705182	0	8.23288E-09
Htl	W15	96	DMND	3	DmdSATR	VFD_Chill	0.000878421	0	3.53301E-08
Htl	W16	96	DMND	3	DmdSATR	VFD_Chill	0.000508543	0	1.68053E-08
Htl	W01	96	DMND	9	NoSATR	VFD_Chill	0.001258363	0	1.88646E-07
Htl	W02	96	DMND	9	NoSATR	VFD_Chill	0.001593296	0	6.61965E-08
Htl	W03	96	DMND	9	NoSATR	VFD_Chill	0.001606014	0	1.93792E-07
Htl	W04	96	DMND	9	NoSATR	VFD_Chill	0.001773944	0	1.37885E-07
Htl	W05	96	DMND	9	NoSATR	VFD_Chill	0.00157354	0	1.98253E-07
Htl	W06	96	DMND	9	NoSATR	VFD_Chill	0.001668093	0	2.02365E-07
Htl	W07	96	DMND	9	NoSATR	VFD_Chill	0.001819384	0	1.96191E-07
Htl	W08	96	DMND	9	NoSATR	VFD_Chill	0.001954006	0	4.73321E-08
Htl	W09	96	DMND	9	NoSATR	VFD_Chill	0.001929773	0	7.23734E-08
Htl	W10	96	DMND	9	NoSATR	VFD_Chill	0.002000742	0	5.7624E-08
Htl	W11	96	DMND	9	NoSATR	VFD_Chill	0.001503682	0	8.57492E-08
Htl	W12	96	DMND	9	NoSATR	VFD_Chill	0.001520352	0	3.60154E-08
Htl	W13	96	DMND	9	NoSATR	VFD_Chill	0.001658523	0	2.36676E-08
Htl	W14	96	DMND	9	NoSATR	VFD_Chill	0.001510134	0	6.51654E-09
Htl	W15	96	DMND	9	NoSATR	VFD_Chill	0.001867139	0	3.36138E-08

## CHWST Reset db

Htl	W16	96	DMND	9	NoSATR	VFD_Chill	0.001092069	0	1.26904E-08
Htl	W01	96	DMND	9	OATSATR	VFD_Chill	0.001207459	0	1.9002E-07
Htl	W02	96	DMND	9	OATSATR	VFD_Chill	0.001510936	0	6.61965E-08
Htl	W03	96	DMND	9	OATSATR	VFD_Chill	0.001475838	0	1.9345E-07
Htl	W04	96	DMND	9	OATSATR	VFD_Chill	0.001695628	0	1.3857E-07
Htl	W05	96	DMND	9	OATSATR	VFD_Chill	0.001477165	0	1.98938E-07
Htl	W06	96	DMND	9	OATSATR	VFD_Chill	0.001554185	0	2.03053E-07
Htl	W07	96	DMND	9	OATSATR	VFD_Chill	0.001725448	0	1.94478E-07
Htl	W08	96	DMND	9	OATSATR	VFD_Chill	0.001851025	0	4.69895E-08
Htl	W09	96	DMND	9	OATSATR	VFD_Chill	0.001810494	0	6.99687E-08
Htl	W10	96	DMND	9	OATSATR	VFD_Chill	0.001919586	0	5.76209E-08
Htl	W11	96	DMND	9	OATSATR	VFD_Chill	0.001428638	0	8.57492E-08
Htl	W12	96	DMND	9	OATSATR	VFD_Chill	0.001445586	0	3.49874E-08
Htl	W13	96	DMND	9	OATSATR	VFD_Chill	0.001575207	0	2.3325E-08
Htl	W14	96	DMND	9	OATSATR	VFD_Chill	0.001463428	0	6.51654E-09
Htl	W15	96	DMND	9	OATSATR	VFD_Chill	0.001787218	0	3.42991E-08
Htl	W16	96	DMND	9	OATSATR	VFD_Chill	0.001068824	0	1.33757E-08
Htl	W01	96	DMND	9	DmdSATR	VFD_Chill	0.001196624	0	1.9036E-07
Htl	W02	96	DMND	9	DmdSATR	VFD_Chill	0.001493217	0	6.61996E-08
Htl	W03	96	DMND	9	DmdSATR	VFD_Chill	0.001435924	0	1.86933E-07
Htl	W04	96	DMND	9	DmdSATR	VFD_Chill	0.00166408	0	1.35483E-07
Htl	W05	96	DMND	9	DmdSATR	VFD_Chill	0.001459601	0	1.98938E-07
Htl	W06	96	DMND	9	DmdSATR	VFD_Chill	0.001485994	0	1.99624E-07
Htl	W07	96	DMND	9	DmdSATR	VFD_Chill	0.001643891	0	1.90363E-07
Htl	W08	96	DMND	9	DmdSATR	VFD_Chill	0.001776537	0	4.69926E-08
Htl	W09	96	DMND	9	DmdSATR	VFD_Chill	0.001750669	0	6.92865E-08
Htl	W10	96	DMND	9	DmdSATR	VFD_Chill	0.001889087	0	5.76209E-08
Htl	W11	96	DMND	9	DmdSATR	VFD_Chill	0.001404715	0	8.57461E-08
Htl	W12	96	DMND	9	DmdSATR	VFD_Chill	0.00142728	0	3.5327E-08
Htl	W13	96	DMND	9	DmdSATR	VFD_Chill	0.001560173	0	2.40103E-08
Htl	W14	96	DMND	9	DmdSATR	VFD_Chill	0.001450556	0	6.85919E-09
Htl	W15	96	DMND	9	DmdSATR	VFD_Chill	0.001773481	0	3.39564E-08
Htl	W16	96	DMND	9	DmdSATR	VFD_Chill	0.001066632	0	1.33757E-08
Htl	W01	96	DMND	3	NoSATR	No_VFD_Chill	0.000162929	0	2.91531E-08
Htl	W02	96	DMND	3	NoSATR	No_VFD_Chill	0.000205467	0	2.60693E-08
Htl	W03	96	DMND	3	NoSATR	No_VFD_Chill	0.000219513	0	3.8417E-08
Htl	W04	96	DMND	3	NoSATR	No_VFD_Chill	0.000245011	0	4.66468E-08
Htl	W05	96	DMND	3	NoSATR	No_VFD_Chill	0.000215469	0	4.11613E-08
Htl	W06	96	DMND	3	NoSATR	No_VFD_Chill	0.00023078	0	3.39564E-08
Htl	W07	96	DMND	3	NoSATR	No_VFD_Chill	0.00024924	0	3.8417E-08
Htl	W08	96	DMND	3	NoSATR	No_VFD_Chill	0.000271589	0	1.612E-08
Htl	W09	96	DMND	3	NoSATR	No_VFD_Chill	0.000275016	0	2.43653E-08
Htl	W10	96	DMND	3	NoSATR	No_VFD_Chill	0.000285203	0	2.09295E-08
Htl	W11	96	DMND	3	NoSATR	No_VFD_Chill	0.000202288	0	3.05268E-08
Htl	W12	96	DMND	3	NoSATR	No_VFD_Chill	0.000208801	0	1.16625E-08
Htl	W13	96	DMND	3	NoSATR	No_VFD_Chill	0.000233527	0	8.91819E-09
Htl	W14	96	DMND	3	NoSATR	No_VFD_Chill	0.000208091	0	2.40164E-09
Htl	W15	96	DMND	3	NoSATR	No_VFD_Chill	0.000267329	0	1.20082E-08
Htl	W16	96	DMND	3	NoSATR	No_VFD_Chill	0.000137091	0	3.77533E-09
Htl	W01	96	DMND	3	OATSATR	No_VFD_Chill	0.000150149	0	2.88105E-08
Htl	W02	96	DMND	3	OATSATR	No_VFD_Chill	0.000186606	0	2.60662E-08
Htl	W03	96	DMND	3	OATSATR	No_VFD_Chill	0.000181883	0	3.87597E-08
Htl	W04	96	DMND	3	OATSATR	No_VFD_Chill	0.000225872	0	4.66468E-08
Htl	W05	96	DMND	3	OATSATR	No_VFD_Chill	0.000186143	0	4.11613E-08
Htl	W06	96	DMND	3	OATSATR	No_VFD_Chill	0.00020627	0	3.39564E-08
Htl	W07	96	DMND	3	OATSATR	No_VFD_Chill	0.000232231	0	3.87597E-08
Htl	W08	96	DMND	3	OATSATR	No_VFD_Chill	0.00024745	0	1.612E-08
Htl	W09	96	DMND	3	OATSATR	No_VFD_Chill	0.000253346	0	2.43622E-08
Htl	W10	96	DMND	3	OATSATR	No_VFD_Chill	0.000260137	0	2.09295E-08
Htl	W11	96	DMND	3	OATSATR	No_VFD_Chill	0.000178117	0	3.01842E-08
Htl	W12	96	DMND	3	OATSATR	No_VFD_Chill	0.000185865	0	1.20051E-08
Htl	W13	96	DMND	3	OATSATR	No_VFD_Chill	0.000211024	0	8.9151E-09
Htl	W14	96	DMND	3	OATSATR	No_VFD_Chill	0.000196114	0	2.74429E-09
Htl	W15	96	DMND	3	OATSATR	No_VFD_Chill	0.000248098	0	1.20082E-08
Htl	W16	96	DMND	3	OATSATR	No_VFD_Chill	0.000133356	0	4.11799E-09
Htl	W01	96	DMND	3	DmdSATR	No_VFD_Chill	0.000146877	0	2.88105E-08
Htl	W02	96	DMND	3	DmdSATR	No_VFD_Chill	0.000176728	0	2.57235E-08
Htl	W03	96	DMND	3	DmdSATR	No_VFD_Chill	0.000174104	0	3.91023E-08
Htl	W04	96	DMND	3	DmdSATR	No_VFD_Chill	0.000226891	0	4.66468E-08
Htl	W05	96	DMND	3	DmdSATR	No_VFD_Chill	0.000182778	0	4.11582E-08
Htl	W06	96	DMND	3	DmdSATR	No_VFD_Chill	0.000191977	0	3.42991E-08
Htl	W07	96	DMND	3	DmdSATR	No_VFD_Chill	0.00021195	0	3.87566E-08
Htl	W08	96	DMND	3	DmdSATR	No_VFD_Chill	0.000233064	0	1.61231E-08
Htl	W09	96	DMND	3	DmdSATR	No_VFD_Chill	0.000234886	0	2.43529E-08
Htl	W10	96	DMND	3	DmdSATR	No_VFD_Chill	0.000254858	0	2.05899E-08
Htl	W11	96	DMND	3	DmdSATR	No_VFD_Chill	0.000174505	0	3.05268E-08
Htl	W12	96	DMND	3	DmdSATR	No_VFD_Chill	0.00018213	0	1.16625E-08
Htl	W13	96	DMND	3	DmdSATR	No_VFD_Chill	0.000205992	0	8.91819E-09
Htl	W14	96	DMND	3	DmdSATR	No_VFD_Chill	0.000192255	0	2.74429E-09
Htl	W15	96	DMND	3	DmdSATR	No_VFD_Chill	0.000243066	0	1.20082E-08
Htl	W16	96	DMND	3	DmdSATR	No_VFD_Chill	0.000132862	0	4.11799E-09
Htl	W01	96	DMND	9	NoSATR	No_VFD_Chill	0.0003341	0	6.34522E-08
Htl	W02	96	DMND	9	NoSATR	No_VFD_Chill	0.00040439	0	2.36676E-08
Htl	W03	96	DMND	9	NoSATR	No_VFD_Chill	0.000449089	0	6.99718E-08
Htl	W04	96	DMND	9	NoSATR	No_VFD_Chill	0.000481564	0	4.93911E-08
Htl	W05	96	DMND	9	NoSATR	No_VFD_Chill	0.000435877	0	7.75163E-08
Htl	W06	96	DMND	9	NoSATR	No_VFD_Chill	0.000482119	0	6.99718E-08
Htl	W07	96	DMND	9	NoSATR	No_VFD_Chill	0.000517125	0	6.89408E-08
Htl	W08	96	DMND	9	NoSATR	No_VFD_Chill	0.000559262	0	2.16086E-08
Htl	W09	96	DMND	9	NoSATR	No_VFD_Chill	0.000537808	0	2.81406E-08
Htl	W10	96	DMND	9	NoSATR	No_VFD_Chill	0.000556268	0	1.88612E-08
Htl	W11	96	DMND	9	NoSATR	No_VFD_Chill	0.00039729	0	2.98415E-08
Htl	W12	96	DMND	9	NoSATR	No_VFD_Chill	0.000399543	0	8.91819E-09
Htl	W13	96	DMND	9	NoSATR	No_VFD_Chill	0.000438624	0	7.89023E-09
Htl	W14	96	DMND	9	NoSATR	No_VFD_Chill	0.000402136	0	1.37369E-09
Htl	W15	96	DMND	9	NoSATR	No_VFD_Chill	0.000521694	0	1.09895E-08
Htl	W16	96	DMND	9	NoSATR	No_VFD_Chill	0.000275633	0	1.03104E-09
Htl	W01	96	DMND	9	OATSATR	No_VFD_Chill	0.000302305	0	6.34553E-08



## CHWST Reset db

Htl	W02	96	DMND	9	OATSATR	No_VFD_Chill	0.000351387	0	2.36645E-08
Htl	W03	96	DMND	9	OATSATR	No_VFD_Chill	0.000372378	0	7.09998E-08
Htl	W04	96	DMND	9	OATSATR	No_VFD_Chill	0.000439982	0	5.00764E-08
Htl	W05	96	DMND	9	OATSATR	No_VFD_Chill	0.000376268	0	7.7862E-08
Htl	W06	96	DMND	9	OATSATR	No_VFD_Chill	0.000424887	0	7.03144E-08
Htl	W07	96	DMND	9	OATSATR	No_VFD_Chill	0.000468197	0	6.89408E-08
Htl	W08	96	DMND	9	OATSATR	No_VFD_Chill	0.000507586	0	2.09233E-08
Htl	W09	96	DMND	9	OATSATR	No_VFD_Chill	0.000474247	0	2.57359E-08
Htl	W10	96	DMND	9	OATSATR	No_VFD_Chill	0.000511569	0	1.88612E-08
Htl	W11	96	DMND	9	OATSATR	No_VFD_Chill	0.000353918	0	2.94989E-08
Htl	W12	96	DMND	9	OATSATR	No_VFD_Chill	0.000356511	0	8.91819E-09
Htl	W13	96	DMND	9	OATSATR	No_VFD_Chill	0.000386331	0	7.88406E-09
Htl	W14	96	DMND	9	OATSATR	No_VFD_Chill	0.000373304	0	1.37369E-09
Htl	W15	96	DMND	9	OATSATR	No_VFD_Chill	0.000476933	0	1.09895E-08
Htl	W16	96	DMND	9	OATSATR	No_VFD_Chill	0.000263502	0	1.03104E-09
Htl	W01	96	DMND	9	DmdSATR	No_VFD_Chill	0.000297458	0	6.37979E-08
Htl	W02	96	DMND	9	DmdSATR	No_VFD_Chill	0.000340891	0	2.36645E-08
Htl	W03	96	DMND	9	DmdSATR	No_VFD_Chill	0.00034972	0	6.92865E-08
Htl	W04	96	DMND	9	DmdSATR	No_VFD_Chill	0.00042819	0	4.90485E-08
Htl	W05	96	DMND	9	DmdSATR	No_VFD_Chill	0.000371298	0	7.78589E-08
Htl	W06	96	DMND	9	DmdSATR	No_VFD_Chill	0.000390529	0	6.96261E-08
Htl	W07	96	DMND	9	DmdSATR	No_VFD_Chill	0.000425381	0	6.82555E-08
Htl	W08	96	DMND	9	DmdSATR	No_VFD_Chill	0.000472673	0	2.1266E-08
Htl	W09	96	DMND	9	DmdSATR	No_VFD_Chill	0.000447916	0	2.57235E-08
Htl	W10	96	DMND	9	DmdSATR	No_VFD_Chill	0.000501227	0	1.88612E-08
Htl	W11	96	DMND	9	DmdSATR	No_VFD_Chill	0.000339996	0	2.98415E-08
Htl	W12	96	DMND	9	DmdSATR	No_VFD_Chill	0.000348763	0	8.91819E-09
Htl	W13	96	DMND	9	DmdSATR	No_VFD_Chill	0.000382102	0	7.5445E-09
Htl	W14	96	DMND	9	DmdSATR	No_VFD_Chill	0.000366173	0	1.3706E-09
Htl	W15	96	DMND	9	DmdSATR	No_VFD_Chill	0.000469154	0	1.09587E-08
Htl	W16	96	DMND	9	DmdSATR	No_VFD_Chill	0.000263224	0	1.37369E-09
Htl	W01	3	DMND	3	NoSATR	VFD_Chill	0.000354968	0	5.31634E-08
Htl	W02	3	DMND	3	NoSATR	VFD_Chill	0.000466067	0	3.42991E-08
Htl	W03	3	DMND	3	NoSATR	VFD_Chill	0.00046298	0	6.55112E-08
Htl	W04	3	DMND	3	NoSATR	VFD_Chill	0.000566825	0	7.99179E-08
Htl	W05	3	DMND	3	NoSATR	VFD_Chill	0.000454614	0	6.37979E-08
Htl	W06	3	DMND	3	NoSATR	VFD_Chill	0.000544475	0	5.83093E-08
Htl	W07	3	DMND	3	NoSATR	VFD_Chill	0.000626897	0	7.78589E-08
Htl	W08	3	DMND	3	NoSATR	VFD_Chill	0.000665731	0	2.46956E-08
Htl	W09	3	DMND	3	NoSATR	VFD_Chill	0.000671503	0	4.28746E-08
Htl	W10	3	DMND	3	NoSATR	VFD_Chill	0.000606585	0	3.46448E-08
Htl	W11	3	DMND	3	NoSATR	VFD_Chill	0.000514594	0	5.96799E-08
Htl	W12	3	DMND	3	NoSATR	VFD_Chill	0.0005283	0	2.40103E-08
Htl	W13	3	DMND	3	NoSATR	VFD_Chill	0.000575931	0	1.57774E-08
Htl	W14	3	DMND	3	NoSATR	VFD_Chill	0.000513297	0	-3.42651E-10
Htl	W15	3	DMND	3	NoSATR	VFD_Chill	0.000668663	0	2.26366E-08
Htl	W16	3	DMND	3	NoSATR	VFD_Chill	0.000392721	0	7.89023E-09
Htl	W01	3	DMND	3	OATSATR	VFD_Chill	0.000331198	0	5.35091E-08
Htl	W02	3	DMND	3	OATSATR	VFD_Chill	0.000446465	0	3.42991E-08
Htl	W03	3	DMND	3	OATSATR	VFD_Chill	0.000428406	0	6.58538E-08
Htl	W04	3	DMND	3	OATSATR	VFD_Chill	0.000551143	0	7.95753E-08
Htl	W05	3	DMND	3	OATSATR	VFD_Chill	0.000430907	0	6.37979E-08
Htl	W06	3	DMND	3	OATSATR	VFD_Chill	0.000512927	0	5.8652E-08
Htl	W07	3	DMND	3	OATSATR	VFD_Chill	0.000602572	0	7.78589E-08
Htl	W08	3	DMND	3	OATSATR	VFD_Chill	0.000637115	0	2.46956E-08
Htl	W09	3	DMND	3	OATSATR	VFD_Chill	0.000640233	0	4.32172E-08
Htl	W10	3	DMND	3	OATSATR	VFD_Chill	0.000583217	0	3.49874E-08
Htl	W11	3	DMND	3	OATSATR	VFD_Chill	0.000499777	0	5.93373E-08
Htl	W12	3	DMND	3	OATSATR	VFD_Chill	0.00051089	0	2.36676E-08
Htl	W13	3	DMND	3	OATSATR	VFD_Chill	0.000554076	0	1.57774E-08
Htl	W14	3	DMND	3	OATSATR	VFD_Chill	0.000500456	0	4.8002E-09
Htl	W15	3	DMND	3	OATSATR	VFD_Chill	0.000647425	0	2.26366E-08
Htl	W16	3	DMND	3	OATSATR	VFD_Chill	0.000390499	0	8.57554E-09
Htl	W01	3	DMND	3	DmdSATR	VFD_Chill	0.000329531	0	5.31634E-08
Htl	W02	3	DMND	3	DmdSATR	VFD_Chill	0.000441773	0	3.36138E-08
Htl	W03	3	DMND	3	DmdSATR	VFD_Chill	0.000424023	0	6.58569E-08
Htl	W04	3	DMND	3	DmdSATR	VFD_Chill	0.000548334	0	7.99179E-08
Htl	W05	3	DMND	3	DmdSATR	VFD_Chill	0.000426647	0	6.34522E-08
Htl	W06	3	DMND	3	DmdSATR	VFD_Chill	0.000507957	0	5.83093E-08
Htl	W07	3	DMND	3	DmdSATR	VFD_Chill	0.000592014	0	7.78589E-08
Htl	W08	3	DMND	3	DmdSATR	VFD_Chill	0.00062557	0	2.46956E-08
Htl	W09	3	DMND	3	DmdSATR	VFD_Chill	0.000631373	0	4.28746E-08
Htl	W10	3	DMND	3	DmdSATR	VFD_Chill	0.000581488	0	3.46417E-08
Htl	W11	3	DMND	3	DmdSATR	VFD_Chill	0.000496227	0	5.93373E-08
Htl	W12	3	DMND	3	DmdSATR	VFD_Chill	0.000508451	0	2.36676E-08
Htl	W13	3	DMND	3	DmdSATR	VFD_Chill	0.000550835	0	1.612E-08
Htl	W14	3	DMND	3	DmdSATR	VFD_Chill	0.000497461	0	5.14594E-09
Htl	W15	3	DMND	3	DmdSATR	VFD_Chill	0.000641838	0	2.29823E-08
Htl	W16	3	DMND	3	DmdSATR	VFD_Chill	0.000388924	0	8.57554E-09
Htl	W01	3	DMND	9	NoSATR	VFD_Chill	0.000753585	0	1.20391E-07
Htl	W02	3	DMND	9	NoSATR	VFD_Chill	0.000955502	0	3.25858E-08
Htl	W03	3	DMND	9	NoSATR	VFD_Chill	0.000983532	0	1.19017E-07
Htl	W04	3	DMND	9	NoSATR	VFD_Chill	0.001168687	0	8.23165E-08
Htl	W05	3	DMND	9	NoSATR	VFD_Chill	0.000971246	0	1.21419E-07
Htl	W06	3	DMND	9	NoSATR	VFD_Chill	0.001148406	0	1.09759E-07
Htl	W07	3	DMND	9	NoSATR	VFD_Chill	0.001337574	0	1.44055E-07
Htl	W08	3	DMND	9	NoSATR	VFD_Chill	0.001393849	0	2.88105E-08
Htl	W09	3	DMND	9	NoSATR	VFD_Chill	0.001369894	0	4.45909E-08
Htl	W10	3	DMND	9	NoSATR	VFD_Chill	0.001241199	0	3.29284E-08
Htl	W11	3	DMND	9	NoSATR	VFD_Chill	0.001058606	0	6.10505E-08
Htl	W12	3	DMND	9	NoSATR	VFD_Chill	0.001077128	0	2.19513E-08
Htl	W13	3	DMND	9	NoSATR	VFD_Chill	0.001162914	0	1.47494E-08
Htl	W14	3	DMND	9	NoSATR	VFD_Chill	0.001062712	0	-1.71634E-09
Htl	W15	3	DMND	9	NoSATR	VFD_Chill	0.001344488	0	2.16086E-08
Htl	W16	3	DMND	9	NoSATR	VFD_Chill	0.000825264	0	5.83124E-09
Htl	W01	3	DMND	9	OATSATR	VFD_Chill	0.000708732	0	1.21079E-07
Htl	W02	3	DMND	9	OATSATR	VFD_Chill	0.000918922	0	3.29284E-08
Htl	W03	3	DMND	9	OATSATR	VFD_Chill	0.000916051	0	1.1936E-07

## CHWST Reset db

Htl	W04	3	DMND	9	OATSATR	VFD_Chill	0.001127877	0	8.23165E-08
Htl	W05	3	DMND	9	OATSATR	VFD_Chill	0.000922842	0	1.21422E-07
Htl	W06	3	DMND	9	OATSATR	VFD_Chill	0.001083394	0	1.09759E-07
Htl	W07	3	DMND	9	OATSATR	VFD_Chill	0.001288615	0	1.44398E-07
Htl	W08	3	DMND	9	OATSATR	VFD_Chill	0.001327201	0	2.91531E-08
Htl	W09	3	DMND	9	OATSATR	VFD_Chill	0.001308093	0	4.35599E-08
Htl	W10	3	DMND	9	OATSATR	VFD_Chill	0.001197457	0	3.32711E-08
Htl	W11	3	DMND	9	OATSATR	VFD_Chill	0.001020637	0	6.10536E-08
Htl	W12	3	DMND	9	OATSATR	VFD_Chill	0.001037739	0	2.16086E-08
Htl	W13	3	DMND	9	OATSATR	VFD_Chill	0.001124173	0	1.47494E-08
Htl	W14	3	DMND	9	OATSATR	VFD_Chill	0.001034837	0	3.77225E-09
Htl	W15	3	DMND	9	OATSATR	VFD_Chill	0.001301086	0	2.16086E-08
Htl	W16	3	DMND	9	OATSATR	VFD_Chill	0.000816003	0	6.17389E-09
Htl	W01	3	DMND	9	DmdSATR	VFD_Chill	0.000705182	0	1.21076E-07
Htl	W02	3	DMND	9	DmdSATR	VFD_Chill	0.000915032	0	3.22431E-08
Htl	W03	3	DMND	9	DmdSATR	VFD_Chill	0.000906667	0	1.16276E-07
Htl	W04	3	DMND	9	DmdSATR	VFD_Chill	0.001113832	0	8.19769E-08
Htl	W05	3	DMND	9	DmdSATR	VFD_Chill	0.000914508	0	1.21076E-07
Htl	W06	3	DMND	9	DmdSATR	VFD_Chill	0.001070553	0	1.09414E-07
Htl	W07	3	DMND	9	DmdSATR	VFD_Chill	0.001265432	0	1.42E-07
Htl	W08	3	DMND	9	DmdSATR	VFD_Chill	0.001305809	0	2.91562E-08
Htl	W09	3	DMND	9	DmdSATR	VFD_Chill	0.001286052	0	4.45909E-08
Htl	W10	3	DMND	9	DmdSATR	VFD_Chill	0.001187147	0	3.25827E-08
Htl	W11	3	DMND	9	DmdSATR	VFD_Chill	0.001012179	0	6.10505E-08
Htl	W12	3	DMND	9	DmdSATR	VFD_Chill	0.001031287	0	2.19544E-08
Htl	W13	3	DMND	9	DmdSATR	VFD_Chill	0.001116795	0	1.5089E-08
Htl	W14	3	DMND	9	DmdSATR	VFD_Chill	0.001029836	0	4.1149E-09
Htl	W15	3	DMND	9	DmdSATR	VFD_Chill	0.001289942	0	2.19544E-08
Htl	W16	3	DMND	9	DmdSATR	VFD_Chill	0.000815695	0	6.51654E-09
Htl	W01	3	DMND	3	NoSATR	No_VFD_Chill	9.49236E-05	0	1.78364E-08
Htl	W02	3	DMND	3	NoSATR	No_VFD_Chill	0.000125453	0	1.20051E-08
Htl	W03	3	DMND	3	NoSATR	No_VFD_Chill	0.000131288	0	2.40072E-08
Htl	W04	3	DMND	3	NoSATR	No_VFD_Chill	0.000157712	0	2.94958E-08
Htl	W05	3	DMND	3	NoSATR	No_VFD_Chill	0.000125237	0	2.46956E-08
Htl	W06	3	DMND	3	NoSATR	No_VFD_Chill	0.000153483	0	1.95527E-08
Htl	W07	3	DMND	3	NoSATR	No_VFD_Chill	0.000175524	0	2.77825E-08
Htl	W08	3	DMND	3	NoSATR	No_VFD_Chill	0.000186112	0	1.06345E-08
Htl	W09	3	DMND	3	NoSATR	No_VFD_Chill	0.000188088	0	1.57774E-08
Htl	W10	3	DMND	3	NoSATR	No_VFD_Chill	0.000171572	0	1.20051E-08
Htl	W11	3	DMND	3	NoSATR	No_VFD_Chill	0.000136968	0	2.19513E-08
Htl	W12	3	DMND	3	NoSATR	No_VFD_Chill	0.000144901	0	6.85919E-09
Htl	W13	3	DMND	3	NoSATR	No_VFD_Chill	0.000153452	0	5.4855E-09
Htl	W14	3	DMND	3	NoSATR	No_VFD_Chill	0.000139345	0	-2.74429E-09
Htl	W15	3	DMND	3	NoSATR	No_VFD_Chill	0.000192348	0	7.5445E-09
Htl	W16	3	DMND	3	NoSATR	No_VFD_Chill	0.000102826	0	1.03104E-09
Htl	W01	3	DMND	3	OATSATR	No_VFD_Chill	7.88715E-05	0	1.74906E-08
Htl	W02	3	DMND	3	OATSATR	No_VFD_Chill	0.000113106	0	1.23478E-08
Htl	W03	3	DMND	3	OATSATR	No_VFD_Chill	0.000109401	0	2.40103E-08
Htl	W04	3	DMND	3	OATSATR	No_VFD_Chill	0.000153236	0	2.91531E-08
Htl	W05	3	DMND	3	OATSATR	No_VFD_Chill	0.000112025	0	2.46956E-08
Htl	W06	3	DMND	3	OATSATR	No_VFD_Chill	0.000134776	0	1.95496E-08
Htl	W07	3	DMND	3	OATSATR	No_VFD_Chill	0.000163732	0	2.77825E-08
Htl	W08	3	DMND	3	OATSATR	No_VFD_Chill	0.000172499	0	1.09772E-08
Htl	W09	3	DMND	3	OATSATR	No_VFD_Chill	0.000171974	0	1.57774E-08
Htl	W10	3	DMND	3	OATSATR	No_VFD_Chill	0.0001587	0	1.23478E-08
Htl	W11	3	DMND	3	OATSATR	No_VFD_Chill	0.000130207	0	2.19513E-08
Htl	W12	3	DMND	3	OATSATR	No_VFD_Chill	0.000135455	0	6.85919E-09
Htl	W13	3	DMND	3	OATSATR	No_VFD_Chill	0.000139931	0	5.48859E-09
Htl	W14	3	DMND	3	OATSATR	No_VFD_Chill	0.000131936	0	1.71325E-09
Htl	W15	3	DMND	3	OATSATR	No_VFD_Chill	0.000180957	0	7.88715E-09
Htl	W16	3	DMND	3	OATSATR	No_VFD_Chill	0.000102641	0	1.37369E-09
Htl	W01	3	DMND	3	DmdSATR	No_VFD_Chill	7.81306E-05	0	1.78364E-08
Htl	W02	3	DMND	3	DmdSATR	No_VFD_Chill	0.000109463	0	1.20051E-08
Htl	W03	3	DMND	3	DmdSATR	No_VFD_Chill	0.000107055	0	2.40103E-08
Htl	W04	3	DMND	3	DmdSATR	No_VFD_Chill	0.000154224	0	2.91531E-08
Htl	W05	3	DMND	3	DmdSATR	No_VFD_Chill	0.000109648	0	2.46956E-08
Htl	W06	3	DMND	3	DmdSATR	No_VFD_Chill	0.0001349	0	1.95496E-08
Htl	W07	3	DMND	3	DmdSATR	No_VFD_Chill	0.000160459	0	2.74399E-08
Htl	W08	3	DMND	3	DmdSATR	No_VFD_Chill	0.00016901	0	1.06314E-08
Htl	W09	3	DMND	3	DmdSATR	No_VFD_Chill	0.000170801	0	1.57774E-08
Htl	W10	3	DMND	3	DmdSATR	No_VFD_Chill	0.000161386	0	1.20051E-08
Htl	W11	3	DMND	3	DmdSATR	No_VFD_Chill	0.000129158	0	2.19513E-08
Htl	W12	3	DMND	3	DmdSATR	No_VFD_Chill	0.000135177	0	6.86228E-09
Htl	W13	3	DMND	3	DmdSATR	No_VFD_Chill	0.000140178	0	5.48859E-09
Htl	W14	3	DMND	3	DmdSATR	No_VFD_Chill	0.000130825	0	1.37369E-09
Htl	W15	3	DMND	3	DmdSATR	No_VFD_Chill	0.000178703	0	7.89023E-09
Htl	W16	3	DMND	3	DmdSATR	No_VFD_Chill	0.000101468	0	1.02795E-09
Htl	W01	3	DMND	9	NoSATR	No_VFD_Chill	0.000192131	0	3.90993E-08
Htl	W02	3	DMND	9	NoSATR	No_VFD_Chill	0.000233836	0	1.09741E-08
Htl	W03	3	DMND	9	NoSATR	No_VFD_Chill	0.000266187	0	4.28715E-08
Htl	W04	3	DMND	9	NoSATR	No_VFD_Chill	0.000309713	0	2.91531E-08
Htl	W05	3	DMND	9	NoSATR	No_VFD_Chill	0.000254982	0	4.63042E-08
Htl	W06	3	DMND	9	NoSATR	No_VFD_Chill	0.00031351	0	3.80744E-08
Htl	W07	3	DMND	9	NoSATR	No_VFD_Chill	0.000360123	0	5.04222E-08
Htl	W08	3	DMND	9	NoSATR	No_VFD_Chill	0.000374879	0	1.23478E-08
Htl	W09	3	DMND	9	NoSATR	No_VFD_Chill	0.000363766	0	1.612E-08
Htl	W10	3	DMND	9	NoSATR	No_VFD_Chill	0.000334254	0	1.06314E-08
Htl	W11	3	DMND	9	NoSATR	No_VFD_Chill	0.000266403	0	2.1266E-08
Htl	W12	3	DMND	9	NoSATR	No_VFD_Chill	0.000273781	0	5.48859E-09
Htl	W13	3	DMND	9	NoSATR	No_VFD_Chill	0.000288907	0	4.8002E-09
Htl	W14	3	DMND	9	NoSATR	No_VFD_Chill	0.000273874	0	-3.77533E-09
Htl	W15	3	DMND	9	NoSATR	No_VFD_Chill	0.000367624	0	6.85919E-09
Htl	W16	3	DMND	9	NoSATR	No_VFD_Chill	0.000206393	0	-6.85302E-10
Htl	W01	3	DMND	9	OATSATR	No_VFD_Chill	0.000162404	0	3.87566E-08
Htl	W02	3	DMND	9	OATSATR	No_VFD_Chill	0.000211857	0	1.09741E-08
Htl	W03	3	DMND	9	OATSATR	No_VFD_Chill	0.000224359	0	4.32172E-08
Htl	W04	3	DMND	9	OATSATR	No_VFD_Chill	0.000290574	0	2.91531E-08
Htl	W05	3	DMND	9	OATSATR	No_VFD_Chill	0.000228249	0	4.66468E-08

## CHWST Reset db

Htl	W06	3	DMND	9	OATSATR	No_VFD_Chill	0.000274584	0	3.77287E-08
Htl	W07	3	DMND	9	OATSATR	No_VFD_Chill	0.000336724	0	5.04222E-08
Htl	W08	3	DMND	9	OATSATR	No_VFD_Chill	0.00033836	0	1.26935E-08
Htl	W09	3	DMND	9	OATSATR	No_VFD_Chill	0.000333051	0	1.50921E-08
Htl	W10	3	DMND	9	OATSATR	No_VFD_Chill	0.000312492	0	1.09741E-08
Htl	W11	3	DMND	9	OATSATR	No_VFD_Chill	0.000244455	0	2.1266E-08
Htl	W12	3	DMND	9	OATSATR	No_VFD_Chill	0.000250907	0	5.14594E-09
Htl	W13	3	DMND	9	OATSATR	No_VFD_Chill	0.000267175	0	4.46064E-09
Htl	W14	3	DMND	9	OATSATR	No_VFD_Chill	0.000257297	0	6.85302E-10
Htl	W15	3	DMND	9	OATSATR	No_VFD_Chill	0.000344719	0	6.85919E-09
Htl	W16	3	DMND	9	OATSATR	No_VFD_Chill	0.000201392	0	-6.85302E-10
Htl	W01	3	DMND	9	DmdSATR	No_VFD_Chill	0.000161231	0	3.9445E-08
Htl	W02	3	DMND	9	DmdSATR	No_VFD_Chill	0.000210499	0	1.09741E-08
Htl	W03	3	DMND	9	DmdSATR	No_VFD_Chill	0.000220408	0	4.21893E-08
Htl	W04	3	DMND	9	DmdSATR	No_VFD_Chill	0.000286469	0	2.88105E-08
Htl	W05	3	DMND	9	DmdSATR	No_VFD_Chill	0.000224328	0	4.66468E-08
Htl	W06	3	DMND	9	DmdSATR	No_VFD_Chill	0.000273534	0	3.80713E-08
Htl	W07	3	DMND	9	DmdSATR	No_VFD_Chill	0.000331785	0	5.00764E-08
Htl	W08	3	DMND	9	DmdSATR	No_VFD_Chill	0.000335674	0	1.23478E-08
Htl	W09	3	DMND	9	DmdSATR	No_VFD_Chill	0.000327834	0	1.612E-08
Htl	W10	3	DMND	9	DmdSATR	No_VFD_Chill	0.000312059	0	1.02888E-08
Htl	W11	3	DMND	9	DmdSATR	No_VFD_Chill	0.00024177	0	2.1266E-08
Htl	W12	3	DMND	9	DmdSATR	No_VFD_Chill	0.000249271	0	5.48859E-09
Htl	W13	3	DMND	9	DmdSATR	No_VFD_Chill	0.00026699	0	4.8002E-09
Htl	W14	3	DMND	9	DmdSATR	No_VFD_Chill	0.000256587	0	3.42651E-10
Htl	W15	3	DMND	9	DmdSATR	No_VFD_Chill	0.000338792	0	6.86228E-09
Htl	W16	3	DMND	9	DmdSATR	No_VFD_Chill	0.000202349	0	-6.85302E-10
Htl	W01	5	DMND	3	NoSATR	VFD_Chill	0.000239053	0	3.42991E-08
Htl	W02	5	DMND	3	NoSATR	VFD_Chill	0.000311998	0	-7.20184E-09
Htl	W03	5	DMND	3	NoSATR	VFD_Chill	0.00031635	0	4.1504E-08
Htl	W04	5	DMND	3	NoSATR	VFD_Chill	0.000407045	0	1.06314E-08
Htl	W05	5	DMND	3	NoSATR	VFD_Chill	0.000317863	0	3.32711E-08
Htl	W06	5	DMND	3	NoSATR	VFD_Chill	0.000379818	0	3.08695E-08
Htl	W07	5	DMND	3	NoSATR	VFD_Chill	0.000456683	0	5.3506E-08
Htl	W08	5	DMND	3	NoSATR	VFD_Chill	0.000481996	0	-2.40164E-09
Htl	W09	5	DMND	3	NoSATR	VFD_Chill	0.000477365	0	-3.08695E-09
Htl	W10	5	DMND	3	NoSATR	VFD_Chill	0.00041646	0	-1.20051E-08
Htl	W11	5	DMND	3	NoSATR	VFD_Chill	0.000353424	0	5.14594E-09
Htl	W12	5	DMND	3	NoSATR	VFD_Chill	0.00036747	0	-1.20051E-08
Htl	W13	5	DMND	3	NoSATR	VFD_Chill	0.000403742	0	-1.30331E-08
Htl	W14	5	DMND	3	NoSATR	VFD_Chill	0.00035435	0	-1.57774E-08
Htl	W15	5	DMND	3	NoSATR	VFD_Chill	0.000458658	0	-1.50921E-08
Htl	W16	5	DMND	3	NoSATR	VFD_Chill	0.000272238	0	-1.30331E-08
Htl	W01	5	DMND	3	OATSATR	VFD_Chill	0.00022899	0	3.36138E-08
Htl	W02	5	DMND	3	OATSATR	VFD_Chill	0.000295699	0	-7.54758E-09
Htl	W03	5	DMND	3	OATSATR	VFD_Chill	0.000294402	0	4.1504E-08
Htl	W04	5	DMND	3	OATSATR	VFD_Chill	0.00038948	0	1.06314E-08
Htl	W05	5	DMND	3	OATSATR	VFD_Chill	0.000299928	0	3.32711E-08
Htl	W06	5	DMND	3	OATSATR	VFD_Chill	0.000357468	0	3.08695E-08
Htl	W07	5	DMND	3	OATSATR	VFD_Chill	0.000435259	0	5.3506E-08
Htl	W08	5	DMND	3	OATSATR	VFD_Chill	0.000455139	0	-2.39856E-09
Htl	W09	5	DMND	3	OATSATR	VFD_Chill	0.000453565	0	-2.40164E-09
Htl	W10	5	DMND	3	OATSATR	VFD_Chill	0.000399605	0	-1.23478E-08
Htl	W11	5	DMND	3	OATSATR	VFD_Chill	0.000339224	0	5.14594E-09
Htl	W12	5	DMND	3	OATSATR	VFD_Chill	0.000353857	0	-1.2002E-08
Htl	W13	5	DMND	3	OATSATR	VFD_Chill	0.000387566	0	-1.33757E-08
Htl	W14	5	DMND	3	OATSATR	VFD_Chill	0.000343423	0	-1.57774E-08
Htl	W15	5	DMND	3	OATSATR	VFD_Chill	0.000442699	0	-1.50921E-08
Htl	W16	5	DMND	3	OATSATR	VFD_Chill	0.000267916	0	-1.30362E-08
Htl	W01	5	DMND	3	DmdSATR	VFD_Chill	0.000227878	0	3.39564E-08
Htl	W02	5	DMND	3	DmdSATR	VFD_Chill	0.000294989	0	-7.20493E-09
Htl	W03	5	DMND	3	DmdSATR	VFD_Chill	0.000291593	0	4.11582E-08
Htl	W04	5	DMND	3	DmdSATR	VFD_Chill	0.000385405	0	1.06345E-08
Htl	W05	5	DMND	3	DmdSATR	VFD_Chill	0.000299187	0	3.3268E-08
Htl	W06	5	DMND	3	DmdSATR	VFD_Chill	0.000348053	0	3.08695E-08
Htl	W07	5	DMND	3	DmdSATR	VFD_Chill	0.000423498	0	5.35091E-08
Htl	W08	5	DMND	3	DmdSATR	VFD_Chill	0.000445261	0	-2.39856E-09
Htl	W09	5	DMND	3	DmdSATR	VFD_Chill	0.000440168	0	-2.74429E-09
Htl	W10	5	DMND	3	DmdSATR	VFD_Chill	0.000393616	0	-1.20051E-08
Htl	W11	5	DMND	3	DmdSATR	VFD_Chill	0.000334285	0	5.82815E-09
Htl	W12	5	DMND	3	DmdSATR	VFD_Chill	0.00034864	0	-1.2002E-08
Htl	W13	5	DMND	3	DmdSATR	VFD_Chill	0.000384325	0	-1.30331E-08
Htl	W14	5	DMND	3	DmdSATR	VFD_Chill	0.000344596	0	-1.57774E-08
Htl	W15	5	DMND	3	DmdSATR	VFD_Chill	0.00043634	0	-1.50921E-08
Htl	W16	5	DMND	3	DmdSATR	VFD_Chill	0.00026807	0	-1.30331E-08
Htl	W01	5	DMND	9	NoSATR	VFD_Chill	0.000577228	0	9.05494E-08
Htl	W02	5	DMND	9	NoSATR	VFD_Chill	0.000750066	0	-8.23288E-09
Htl	W03	5	DMND	9	NoSATR	VFD_Chill	0.000773959	0	6.58569E-08
Htl	W04	5	DMND	9	NoSATR	VFD_Chill	0.000928708	0	9.60349E-09
Htl	W05	5	DMND	9	NoSATR	VFD_Chill	0.000774484	0	6.96291E-08
Htl	W06	5	DMND	9	NoSATR	VFD_Chill	0.000901357	0	7.20308E-08
Htl	W07	5	DMND	9	NoSATR	VFD_Chill	0.001090711	0	8.98641E-08
Htl	W08	5	DMND	9	NoSATR	VFD_Chill	0.001118246	0	-3.08695E-09
Htl	W09	5	DMND	9	NoSATR	VFD_Chill	0.001085247	0	-4.1149E-09
Htl	W10	5	DMND	9	NoSATR	VFD_Chill	0.000971122	0	-1.30331E-08
Htl	W11	5	DMND	9	NoSATR	VFD_Chill	0.000831808	0	3.77225E-09
Htl	W12	5	DMND	9	NoSATR	VFD_Chill	0.000851657	0	-1.40641E-08
Htl	W13	5	DMND	9	NoSATR	VFD_Chill	0.000923985	0	-1.4061E-08
Htl	W14	5	DMND	9	NoSATR	VFD_Chill	0.000847675	0	-1.68053E-08
Htl	W15	5	DMND	9	NoSATR	VFD_Chill	0.001048512	0	-1.57774E-08
Htl	W16	5	DMND	9	NoSATR	VFD_Chill	0.000654247	0	-1.44068E-08
Htl	W01	5	DMND	9	OATSATR	VFD_Chill	0.000549075	0	9.05525E-08
Htl	W02	5	DMND	9	OATSATR	VFD_Chill	0.000714504	0	-8.57554E-09
Htl	W03	5	DMND	9	OATSATR	VFD_Chill	0.000726358	0	6.58569E-08
Htl	W04	5	DMND	9	OATSATR	VFD_Chill	0.000893177	0	9.60349E-09
Htl	W05	5	DMND	9	OATSATR	VFD_Chill	0.00073318	0	6.99718E-08
Htl	W06	5	DMND	9	OATSATR	VFD_Chill	0.000851534	0	7.3744E-08
Htl	W07	5	DMND	9	OATSATR	VFD_Chill	0.00104737	0	8.98641E-08

## CHWST Reset db

Htl	W08	5 DMND	9 OATSATR	VFD_Chill	0.001067219	0	-3.08695E-09
Htl	W09	5 DMND	9 OATSATR	VFD_Chill	0.001033633	0	-3.4296E-09
Htl	W10	5 DMND	9 OATSATR	VFD_Chill	0.000934017	0	-1.33757E-08
Htl	W11	5 DMND	9 OATSATR	VFD_Chill	0.000801772	0	4.11799E-09
Htl	W12	5 DMND	9 OATSATR	VFD_Chill	0.000816374	0	-1.30331E-08
Htl	W13	5 DMND	9 OATSATR	VFD_Chill	0.000890893	0	-1.40641E-08
Htl	W14	5 DMND	9 OATSATR	VFD_Chill	0.000826468	0	-1.68053E-08
Htl	W15	5 DMND	9 OATSATR	VFD_Chill	0.001013259	0	-1.57774E-08
Htl	W16	5 DMND	9 OATSATR	VFD_Chill	0.000645079	0	-1.44068E-08
Htl	W01	5 DMND	9 DmdSATR	VFD_Chill	0.000546081	0	9.12378E-08
Htl	W02	5 DMND	9 DmdSATR	VFD_Chill	0.000709288	0	-8.23288E-09
Htl	W03	5 DMND	9 DmdSATR	VFD_Chill	0.000713424	0	6.17389E-08
Htl	W04	5 DMND	9 DmdSATR	VFD_Chill	0.000879162	0	9.60349E-09
Htl	W05	5 DMND	9 DmdSATR	VFD_Chill	0.000724537	0	6.96261E-08
Htl	W06	5 DMND	9 DmdSATR	VFD_Chill	0.000829246	0	7.13424E-08
Htl	W07	5 DMND	9 DmdSATR	VFD_Chill	0.001017087	0	8.64345E-08
Htl	W08	5 DMND	9 DmdSATR	VFD_Chill	0.001039714	0	-3.08695E-09
Htl	W09	5 DMND	9 DmdSATR	VFD_Chill	0.00100656	0	-3.77533E-09
Htl	W10	5 DMND	9 DmdSATR	VFD_Chill	0.000919848	0	-1.30362E-08
Htl	W11	5 DMND	9 DmdSATR	VFD_Chill	0.000791863	0	4.8002E-09
Htl	W12	5 DMND	9 DmdSATR	VFD_Chill	0.000807761	0	-1.30331E-08
Htl	W13	5 DMND	9 DmdSATR	VFD_Chill	0.000884194	0	-1.37184E-08
Htl	W14	5 DMND	9 DmdSATR	VFD_Chill	0.000821591	0	-1.68053E-08
Htl	W15	5 DMND	9 DmdSATR	VFD_Chill	0.00101153	0	-1.57774E-08
Htl	W16	5 DMND	9 DmdSATR	VFD_Chill	0.00064406	0	-1.44068E-08
Htl	W01	5 DMND	3 NoSATR	No_VFD_Chill	6.30046E-05	0	9.94614E-09
Htl	W02	5 DMND	3 NoSATR	No_VFD_Chill	8.22362E-05	0	-3.4296E-09
Htl	W03	5 DMND	3 NoSATR	No_VFD_Chill	8.59406E-05	0	1.30331E-08
Htl	W04	5 DMND	3 NoSATR	No_VFD_Chill	0.000108352	0	2.40164E-09
Htl	W05	5 DMND	3 NoSATR	No_VFD_Chill	8.52614E-05	0	1.13198E-08
Htl	W06	5 DMND	3 NoSATR	No_VFD_Chill	0.000101931	0	8.9151E-09
Htl	W07	5 DMND	3 NoSATR	No_VFD_Chill	0.00012249	0	1.68053E-08
Htl	W08	5 DMND	3 NoSATR	No_VFD_Chill	0.000132584	0	-6.85302E-10
Htl	W09	5 DMND	3 NoSATR	No_VFD_Chill	0.000125917	0	-1.3706E-09
Htl	W10	5 DMND	3 NoSATR	No_VFD_Chill	0.000112118	0	-4.46064E-09
Htl	W11	5 DMND	3 NoSATR	No_VFD_Chill	9.36888E-05	0	1.02795E-09
Htl	W12	5 DMND	3 NoSATR	No_VFD_Chill	9.57262E-05	0	-5.14594E-09
Htl	W13	5 DMND	3 NoSATR	No_VFD_Chill	0.000106932	0	-5.14594E-09
Htl	W14	5 DMND	3 NoSATR	No_VFD_Chill	9.41827E-05	0	-5.83124E-09
Htl	W15	5 DMND	3 NoSATR	No_VFD_Chill	0.000121718	0	-5.83124E-09
Htl	W16	5 DMND	3 NoSATR	No_VFD_Chill	7.21728E-05	0	-5.14285E-09
Htl	W01	5 DMND	3 OATSATR	No_VFD_Chill	5.9115E-05	0	9.60349E-09
Htl	W02	5 DMND	3 OATSATR	No_VFD_Chill	7.28828E-05	0	-3.08695E-09
Htl	W03	5 DMND	3 OATSATR	No_VFD_Chill	7.59697E-05	0	1.30331E-08
Htl	W04	5 DMND	3 OATSATR	No_VFD_Chill	0.000101499	0	2.40164E-09
Htl	W05	5 DMND	3 OATSATR	No_VFD_Chill	7.75132E-05	0	1.13198E-08
Htl	W06	5 DMND	3 OATSATR	No_VFD_Chill	9.24849E-05	0	9.26084E-09
Htl	W07	5 DMND	3 OATSATR	No_VFD_Chill	0.000115514	0	1.71511E-08
Htl	W08	5 DMND	3 OATSATR	No_VFD_Chill	0.000120329	0	-6.85302E-10
Htl	W09	5 DMND	3 OATSATR	No_VFD_Chill	0.000117674	0	-1.71325E-09
Htl	W10	5 DMND	3 OATSATR	No_VFD_Chill	0.000105697	0	-4.80329E-09
Htl	W11	5 DMND	3 OATSATR	No_VFD_Chill	8.70519E-05	0	1.02795E-09
Htl	W12	5 DMND	3 OATSATR	No_VFD_Chill	9.06636E-05	0	-5.14594E-09
Htl	W13	5 DMND	3 OATSATR	No_VFD_Chill	9.9091E-05	0	-5.14285E-09
Htl	W14	5 DMND	3 OATSATR	No_VFD_Chill	8.86262E-05	0	-5.83124E-09
Htl	W15	5 DMND	3 OATSATR	No_VFD_Chill	0.000114155	0	-5.83124E-09
Htl	W16	5 DMND	3 OATSATR	No_VFD_Chill	6.98267E-05	0	-5.14594E-09
Htl	W01	5 DMND	3 DmdSATR	No_VFD_Chill	5.82198E-05	0	9.94923E-09
Htl	W02	5 DMND	3 DmdSATR	No_VFD_Chill	7.35928E-05	0	-3.4296E-09
Htl	W03	5 DMND	3 DmdSATR	No_VFD_Chill	7.51363E-05	0	1.30331E-08
Htl	W04	5 DMND	3 DmdSATR	No_VFD_Chill	0.000101684	0	2.40164E-09
Htl	W05	5 DMND	3 DmdSATR	No_VFD_Chill	7.82541E-05	0	1.13167E-08
Htl	W06	5 DMND	3 DmdSATR	No_VFD_Chill	8.96758E-05	0	8.9151E-09
Htl	W07	5 DMND	3 DmdSATR	No_VFD_Chill	0.000112704	0	1.7148E-08
Htl	W08	5 DMND	3 DmdSATR	No_VFD_Chill	0.00011999	0	-6.85302E-10
Htl	W09	5 DMND	3 DmdSATR	No_VFD_Chill	0.000113723	0	-1.71325E-09
Htl	W10	5 DMND	3 DmdSATR	No_VFD_Chill	0.000105327	0	-4.46064E-09
Htl	W11	5 DMND	3 DmdSATR	No_VFD_Chill	8.58788E-05	0	1.03104E-09
Htl	W12	5 DMND	3 DmdSATR	No_VFD_Chill	8.81632E-05	0	-4.80329E-09
Htl	W13	5 DMND	3 DmdSATR	No_VFD_Chill	0.000101097	0	-4.80329E-09
Htl	W14	5 DMND	3 DmdSATR	No_VFD_Chill	9.29171E-05	0	-5.83124E-09
Htl	W15	5 DMND	3 DmdSATR	No_VFD_Chill	0.000112118	0	-5.83124E-09
Htl	W16	5 DMND	3 DmdSATR	No_VFD_Chill	7.09689E-05	0	-5.14594E-09
Htl	W01	5 DMND	9 NoSATR	No_VFD_Chill	0.000137431	0	2.26366E-08
Htl	W02	5 DMND	9 NoSATR	No_VFD_Chill	0.000183303	0	-4.1149E-09
Htl	W03	5 DMND	9 NoSATR	No_VFD_Chill	0.000195033	0	1.95496E-08
Htl	W04	5 DMND	9 NoSATR	No_VFD_Chill	0.0002297	0	1.3706E-09
Htl	W05	5 DMND	9 NoSATR	No_VFD_Chill	0.0001896	0	2.1266E-08
Htl	W06	5 DMND	9 NoSATR	No_VFD_Chill	0.000218617	0	1.9207E-08
Htl	W07	5 DMND	9 NoSATR	No_VFD_Chill	0.000269737	0	2.70972E-08
Htl	W08	5 DMND	9 NoSATR	No_VFD_Chill	0.000281591	0	-1.3706E-09
Htl	W09	5 DMND	9 NoSATR	No_VFD_Chill	0.000261032	0	-2.39856E-09
Htl	W10	5 DMND	9 NoSATR	No_VFD_Chill	0.000240782	0	-5.48859E-09
Htl	W11	5 DMND	9 NoSATR	No_VFD_Chill	0.00020238	0	0
Htl	W12	5 DMND	9 NoSATR	No_VFD_Chill	0.000205838	0	-6.85919E-09
Htl	W13	5 DMND	9 NoSATR	No_VFD_Chill	0.000222291	0	-5.83124E-09
Htl	W14	5 DMND	9 NoSATR	No_VFD_Chill	0.00020982	0	-6.51654E-09
Htl	W15	5 DMND	9 NoSATR	No_VFD_Chill	0.000257945	0	-6.51654E-09
Htl	W16	5 DMND	9 NoSATR	No_VFD_Chill	0.000159472	0	-6.51654E-09
Htl	W01	5 DMND	9 OATSATR	No_VFD_Chill	0.000125237	0	2.26366E-08
Htl	W02	5 DMND	9 OATSATR	No_VFD_Chill	0.00016333	0	-4.1149E-09
Htl	W03	5 DMND	9 OATSATR	No_VFD_Chill	0.000174104	0	1.95496E-08
Htl	W04	5 DMND	9 OATSATR	No_VFD_Chill	0.000214481	0	1.3706E-09
Htl	W05	5 DMND	9 OATSATR	No_VFD_Chill	0.000172159	0	2.1266E-08
Htl	W06	5 DMND	9 OATSATR	No_VFD_Chill	0.000197101	0	2.02349E-08
Htl	W07	5 DMND	9 OATSATR	No_VFD_Chill	0.000255043	0	2.70972E-08
Htl	W08	5 DMND	9 OATSATR	No_VFD_Chill	0.000261248	0	-1.3706E-09
Htl	W09	5 DMND	9 OATSATR	No_VFD_Chill	0.0002418	0	-2.39856E-09

## CHWST Reset db

Htl	W10	5 DMND	9 OATSATR	No_VFD_Chill	0.000226427	0	-5.83124E-09
Htl	W11	5 DMND	9 OATSATR	No_VFD_Chill	0.000189662	0	0
Htl	W12	5 DMND	9 OATSATR	No_VFD_Chill	0.000188643	0	-6.17389E-09
Htl	W13	5 DMND	9 OATSATR	No_VFD_Chill	0.000206239	0	-5.82815E-09
Htl	W14	5 DMND	9 OATSATR	No_VFD_Chill	0.000201207	0	-6.51654E-09
Htl	W15	5 DMND	9 OATSATR	No_VFD_Chill	0.000241615	0	-6.51963E-09
Htl	W16	5 DMND	9 OATSATR	No_VFD_Chill	0.000155829	0	-6.51654E-09
Htl	W01	5 DMND	9 DmdSATR	No_VFD_Chill	0.00012496	0	2.3325E-08
Htl	W02	5 DMND	9 DmdSATR	No_VFD_Chill	0.000162034	0	-4.1149E-09
Htl	W03	5 DMND	9 DmdSATR	No_VFD_Chill	0.000169288	0	1.85217E-08
Htl	W04	5 DMND	9 DmdSATR	No_VFD_Chill	0.000212999	0	1.37369E-09
Htl	W05	5 DMND	9 DmdSATR	No_VFD_Chill	0.00016972	0	2.1266E-08
Htl	W06	5 DMND	9 DmdSATR	No_VFD_Chill	0.000191391	0	1.9207E-08
Htl	W07	5 DMND	9 DmdSATR	No_VFD_Chill	0.000248252	0	2.64088E-08
Htl	W08	5 DMND	9 DmdSATR	No_VFD_Chill	0.000256309	0	-1.71325E-09
Htl	W09	5 DMND	9 DmdSATR	No_VFD_Chill	0.000234917	0	-2.74429E-09
Htl	W10	5 DMND	9 DmdSATR	No_VFD_Chill	0.000223958	0	-5.48859E-09
Htl	W11	5 DMND	9 DmdSATR	No_VFD_Chill	0.000187378	0	0
Htl	W12	5 DMND	9 DmdSATR	No_VFD_Chill	0.000186668	0	-5.83124E-09
Htl	W13	5 DMND	9 DmdSATR	No_VFD_Chill	0.000208122	0	-5.48859E-09
Htl	W14	5 DMND	9 DmdSATR	No_VFD_Chill	0.000202504	0	-6.51654E-09
Htl	W15	5 DMND	9 DmdSATR	No_VFD_Chill	0.000242634	0	-6.51654E-09
Htl	W16	5 DMND	9 DmdSATR	No_VFD_Chill	0.000156508	0	-6.51654E-09
Rt3	W01	75 DMND	3 NoSATR	VFD_Chill	7.37403E-05	0	1.80186E-08
Rt3	W02	75 DMND	3 NoSATR	VFD_Chill	8.88468E-05	0	2.21904E-08
Rt3	W03	75 DMND	3 NoSATR	VFD_Chill	9.93957E-05	0	2.06729E-08
Rt3	W04	75 DMND	3 NoSATR	VFD_Chill	0.000132255	0	2.78796E-08
Rt3	W05	75 DMND	3 NoSATR	VFD_Chill	0.000102298	0	2.08641E-08
Rt3	W06	75 DMND	3 NoSATR	VFD_Chill	0.000121193	0	2.37078E-08
Rt3	W07	75 DMND	3 NoSATR	VFD_Chill	0.000140107	0	2.73112E-08
Rt3	W08	75 DMND	3 NoSATR	VFD_Chill	0.000125017	0	2.44657E-08
Rt3	W09	75 DMND	3 NoSATR	VFD_Chill	0.000139765	0	2.712E-08
Rt3	W10	75 DMND	3 NoSATR	VFD_Chill	0.000120306	0	2.35184E-08
Rt3	W11	75 DMND	3 NoSATR	VFD_Chill	9.73645E-05	0	2.40868E-08
Rt3	W12	75 DMND	3 NoSATR	VFD_Chill	0.000111327	0	2.57937E-08
Rt3	W13	75 DMND	3 NoSATR	VFD_Chill	0.00012232	0	2.59832E-08
Rt3	W14	75 DMND	3 NoSATR	VFD_Chill	9.81326E-05	0	2.35184E-08
Rt3	W15	75 DMND	3 NoSATR	VFD_Chill	0.000155964	0	2.67411E-08
Rt3	W16	75 DMND	3 NoSATR	VFD_Chill	6.46422E-05	0	2.14308E-08
Rt3	W01	75 DMND	3 OATSATR	VFD_Chill	4.65315E-05	0	1.65011E-08
Rt3	W02	75 DMND	3 OATSATR	VFD_Chill	7.1709E-05	0	2.12413E-08
Rt3	W03	75 DMND	3 OATSATR	VFD_Chill	8.00389E-05	0	2.04834E-08
Rt3	W04	75 DMND	3 OATSATR	VFD_Chill	0.000110798	0	2.76919E-08
Rt3	W05	75 DMND	3 OATSATR	VFD_Chill	8.55694E-05	0	2.08624E-08
Rt3	W06	75 DMND	3 OATSATR	VFD_Chill	0.00010904	0	2.44657E-08
Rt3	W07	75 DMND	3 OATSATR	VFD_Chill	0.000133688	0	2.73112E-08
Rt3	W08	75 DMND	3 OATSATR	VFD_Chill	0.000115748	0	2.4278E-08
Rt3	W09	75 DMND	3 OATSATR	VFD_Chill	0.000127816	0	2.71217E-08
Rt3	W10	75 DMND	3 OATSATR	VFD_Chill	0.000109962	0	2.40868E-08
Rt3	W11	75 DMND	3 OATSATR	VFD_Chill	8.36064E-05	0	2.37078E-08
Rt3	W12	75 DMND	3 OATSATR	VFD_Chill	9.38652E-05	0	2.54148E-08
Rt3	W13	75 DMND	3 OATSATR	VFD_Chill	0.000105472	0	2.59832E-08
Rt3	W14	75 DMND	3 OATSATR	VFD_Chill	8.46306E-05	0	2.35184E-08
Rt3	W15	75 DMND	3 OATSATR	VFD_Chill	0.00015284	0	3.03462E-08
Rt3	W16	75 DMND	3 OATSATR	VFD_Chill	5.20791E-05	0	2.1243E-08
Rt3	W01	75 DMND	3 DmdSATR	VFD_Chill	2.59969E-05	0	1.21381E-08
Rt3	W02	75 DMND	3 DmdSATR	VFD_Chill	6.09893E-05	0	2.16219E-08
Rt3	W03	75 DMND	3 DmdSATR	VFD_Chill	5.90776E-05	0	2.01045E-08
Rt3	W04	75 DMND	3 DmdSATR	VFD_Chill	9.29605E-05	0	2.71217E-08
Rt3	W05	75 DMND	3 DmdSATR	VFD_Chill	6.91998E-05	0	2.06729E-08
Rt3	W06	75 DMND	3 DmdSATR	VFD_Chill	9.17827E-05	0	2.46552E-08
Rt3	W07	75 DMND	3 DmdSATR	VFD_Chill	0.000116909	0	2.73112E-08
Rt3	W08	75 DMND	3 DmdSATR	VFD_Chill	0.000104738	0	2.38973E-08
Rt3	W09	75 DMND	3 DmdSATR	VFD_Chill	0.000115031	0	2.73112E-08
Rt3	W10	75 DMND	3 DmdSATR	VFD_Chill	9.99078E-05	0	2.42763E-08
Rt3	W11	75 DMND	3 DmdSATR	VFD_Chill	7.43036E-05	0	2.38973E-08
Rt3	W12	75 DMND	3 DmdSATR	VFD_Chill	8.18824E-05	0	2.56043E-08
Rt3	W13	75 DMND	3 DmdSATR	VFD_Chill	9.49235E-05	0	2.59832E-08
Rt3	W14	75 DMND	3 DmdSATR	VFD_Chill	7.69493E-05	0	2.38973E-08
Rt3	W15	75 DMND	3 DmdSATR	VFD_Chill	0.000146081	0	3.05339E-08
Rt3	W16	75 DMND	3 DmdSATR	VFD_Chill	4.61389E-05	0	2.1243E-08
Rt3	W01	75 DMND	9 NoSATR	VFD_Chill	0.000165813	0	4.30544E-08
Rt3	W02	75 DMND	9 NoSATR	VFD_Chill	0.000202103	0	4.26738E-08
Rt3	W03	75 DMND	9 NoSATR	VFD_Chill	0.000225079	0	3.90704E-08
Rt3	W04	75 DMND	9 NoSATR	VFD_Chill	0.000289311	0	3.7174E-08
Rt3	W05	75 DMND	9 NoSATR	VFD_Chill	0.000235115	0	5.15892E-08
Rt3	W06	75 DMND	9 NoSATR	VFD_Chill	0.000276424	0	5.46224E-08
Rt3	W07	75 DMND	9 NoSATR	VFD_Chill	0.000313789	0	5.32944E-08
Rt3	W08	75 DMND	9 NoSATR	VFD_Chill	0.000275416	0	5.12085E-08
Rt3	W09	75 DMND	9 NoSATR	VFD_Chill	0.000306602	0	4.24826E-08
Rt3	W10	75 DMND	9 NoSATR	VFD_Chill	0.000262614	0	3.18636E-08
Rt3	W11	75 DMND	9 NoSATR	VFD_Chill	0.000222962	0	3.52776E-08
Rt3	W12	75 DMND	9 NoSATR	VFD_Chill	0.000249078	0	4.53298E-08
Rt3	W13	75 DMND	9 NoSATR	VFD_Chill	0.000277533	0	4.47597E-08
Rt3	W14	75 DMND	9 NoSATR	VFD_Chill	0.000223389	0	3.12952E-08
Rt3	W15	75 DMND	9 NoSATR	VFD_Chill	0.000319046	0	2.8448E-08
Rt3	W16	75 DMND	9 NoSATR	VFD_Chill	0.000145091	0	4.07756E-08
Rt3	W01	75 DMND	9 OATSATR	VFD_Chill	0.000102724	0	3.77424E-08
Rt3	W02	75 DMND	9 OATSATR	VFD_Chill	0.000164977	0	5.15875E-08
Rt3	W03	75 DMND	9 OATSATR	VFD_Chill	0.000180954	0	5.29155E-08
Rt3	W04	75 DMND	9 OATSATR	VFD_Chill	0.000255479	0	6.18309E-08
Rt3	W05	75 DMND	9 OATSATR	VFD_Chill	0.000194985	0	5.1019E-08
Rt3	W06	75 DMND	9 OATSATR	VFD_Chill	0.000247679	0	5.84153E-08
Rt3	W07	75 DMND	9 OATSATR	VFD_Chill	0.000304144	0	6.71395E-08
Rt3	W08	75 DMND	9 OATSATR	VFD_Chill	0.000268367	0	5.76574E-08
Rt3	W09	75 DMND	9 OATSATR	VFD_Chill	0.00029351	0	6.31572E-08
Rt3	W10	75 DMND	9 OATSATR	VFD_Chill	0.000254779	0	4.89332E-08
Rt3	W11	75 DMND	9 OATSATR	VFD_Chill	0.000195412	0	5.2726E-08



## CHWST Reset db

Rt3	W12	75	DMND	9	OATSATR	VFD_Chill	0.000217517	0	5.93643E-08
Rt3	W13	75	DMND	9	OATSATR	VFD_Chill	0.000250376	0	6.1259E-08
Rt3	W14	75	DMND	9	OATSATR	VFD_Chill	0.000197119	0	4.17247E-08
Rt3	W15	75	DMND	9	OATSATR	VFD_Chill	0.000338744	0	5.007E-08
Rt3	W16	75	DMND	9	OATSATR	VFD_Chill	0.000120681	0	4.81753E-08
Rt3	W01	75	DMND	9	DmdSATR	VFD_Chill	5.74901E-05	0	2.78813E-08
Rt3	W02	75	DMND	9	DmdSATR	VFD_Chill	0.000139953	0	5.2726E-08
Rt3	W03	75	DMND	9	DmdSATR	VFD_Chill	0.000133279	0	5.1398E-08
Rt3	W04	75	DMND	9	DmdSATR	VFD_Chill	0.000215212	0	6.18292E-08
Rt3	W05	75	DMND	9	DmdSATR	VFD_Chill	0.000156459	0	5.007E-08
Rt3	W06	75	DMND	9	DmdSATR	VFD_Chill	0.000207463	0	5.78469E-08
Rt3	W07	75	DMND	9	DmdSATR	VFD_Chill	0.000264936	0	6.75201E-08
Rt3	W08	75	DMND	9	DmdSATR	VFD_Chill	0.000242268	0	5.72767E-08
Rt3	W09	75	DMND	9	DmdSATR	VFD_Chill	0.000263775	0	6.37273E-08
Rt3	W10	75	DMND	9	DmdSATR	VFD_Chill	0.000230831	0	4.98805E-08
Rt3	W11	75	DMND	9	DmdSATR	VFD_Chill	0.000173802	0	5.32944E-08
Rt3	W12	75	DMND	9	DmdSATR	VFD_Chill	0.000189472	0	5.95521E-08
Rt3	W13	75	DMND	9	DmdSATR	VFD_Chill	0.000225539	0	6.16397E-08
Rt3	W14	75	DMND	9	DmdSATR	VFD_Chill	0.000179264	0	4.22948E-08
Rt3	W15	75	DMND	9	DmdSATR	VFD_Chill	0.000322409	0	4.98805E-08
Rt3	W16	75	DMND	9	DmdSATR	VFD_Chill	0.000106684	0	4.93121E-08
Rt3	W01	75	DMND	3	NoSATR	No_VFD_Chill	2.32316E-05	0	6.25768E-09
Rt3	W02	75	DMND	3	NoSATR	No_VFD_Chill	2.88475E-05	0	8.53475E-09
Rt3	W03	75	DMND	3	NoSATR	No_VFD_Chill	3.10153E-05	0	7.96463E-09
Rt3	W04	75	DMND	3	NoSATR	No_VFD_Chill	4.16496E-05	0	1.04312E-08
Rt3	W05	75	DMND	3	NoSATR	No_VFD_Chill	3.23979E-05	0	7.20845E-09
Rt3	W06	75	DMND	3	NoSATR	No_VFD_Chill	3.91574E-05	0	8.53475E-09
Rt3	W07	75	DMND	3	NoSATR	No_VFD_Chill	4.37491E-05	0	9.67329E-09
Rt3	W08	75	DMND	3	NoSATR	No_VFD_Chill	4.01304E-05	0	8.53475E-09
Rt3	W09	75	DMND	3	NoSATR	No_VFD_Chill	4.4193E-05	0	9.86276E-09
Rt3	W10	75	DMND	3	NoSATR	No_VFD_Chill	3.89014E-05	0	8.72423E-09
Rt3	W11	75	DMND	3	NoSATR	No_VFD_Chill	3.17322E-05	0	9.29264E-09
Rt3	W12	75	DMND	3	NoSATR	No_VFD_Chill	3.55387E-05	0	9.48382E-09
Rt3	W13	75	DMND	3	NoSATR	No_VFD_Chill	3.89868E-05	0	9.48211E-09
Rt3	W14	75	DMND	3	NoSATR	No_VFD_Chill	3.22955E-05	0	8.9137E-09
Rt3	W15	75	DMND	3	NoSATR	No_VFD_Chill	4.9365E-05	0	9.48382E-09
Rt3	W16	75	DMND	3	NoSATR	No_VFD_Chill	2.05005E-05	0	7.96463E-09
Rt3	W01	75	DMND	3	OATSATR	No_VFD_Chill	1.43725E-05	0	5.31032E-09
Rt3	W02	75	DMND	3	OATSATR	No_VFD_Chill	2.29414E-05	0	7.96634E-09
Rt3	W03	75	DMND	3	OATSATR	No_VFD_Chill	2.41534E-05	0	7.58569E-09
Rt3	W04	75	DMND	3	OATSATR	No_VFD_Chill	3.39342E-05	0	1.02417E-08
Rt3	W05	75	DMND	3	OATSATR	No_VFD_Chill	2.60651E-05	0	6.8278E-09
Rt3	W06	75	DMND	3	OATSATR	No_VFD_Chill	3.36781E-05	0	7.77516E-09
Rt3	W07	75	DMND	3	OATSATR	No_VFD_Chill	4.01816E-05	0	9.29264E-09
Rt3	W08	75	DMND	3	OATSATR	No_VFD_Chill	3.56923E-05	0	8.1541E-09
Rt3	W09	75	DMND	3	OATSATR	No_VFD_Chill	3.90892E-05	0	9.48382E-09
Rt3	W10	75	DMND	3	OATSATR	No_VFD_Chill	3.44633E-05	0	8.72423E-09
Rt3	W11	75	DMND	3	OATSATR	No_VFD_Chill	2.68845E-05	0	8.9137E-09
Rt3	W12	75	DMND	3	OATSATR	No_VFD_Chill	2.90694E-05	0	8.9154E-09
Rt3	W13	75	DMND	3	OATSATR	No_VFD_Chill	3.31661E-05	0	9.48211E-09
Rt3	W14	75	DMND	3	OATSATR	No_VFD_Chill	2.77721E-05	0	8.72423E-09
Rt3	W15	75	DMND	3	OATSATR	No_VFD_Chill	4.76751E-05	0	1.08118E-08
Rt3	W16	75	DMND	3	OATSATR	No_VFD_Chill	1.61307E-05	0	7.5874E-09
Rt3	W01	75	DMND	3	DmdSATR	No_VFD_Chill	7.7837E-06	0	3.60337E-09
Rt3	W02	75	DMND	3	DmdSATR	No_VFD_Chill	1.92885E-05	0	7.96634E-09
Rt3	W03	75	DMND	3	DmdSATR	No_VFD_Chill	1.75987E-05	0	7.01727E-09
Rt3	W04	75	DMND	3	DmdSATR	No_VFD_Chill	2.80623E-05	0	9.67329E-09
Rt3	W05	75	DMND	3	DmdSATR	No_VFD_Chill	2.08589E-05	0	6.63833E-09
Rt3	W06	75	DMND	3	DmdSATR	No_VFD_Chill	2.76014E-05	0	7.39622E-09
Rt3	W07	75	DMND	3	DmdSATR	No_VFD_Chill	3.43268E-05	0	8.9137E-09
Rt3	W08	75	DMND	3	DmdSATR	No_VFD_Chill	3.15957E-05	0	8.34528E-09
Rt3	W09	75	DMND	3	DmdSATR	No_VFD_Chill	3.44804E-05	0	9.86276E-09
Rt3	W10	75	DMND	3	DmdSATR	No_VFD_Chill	3.10494E-05	0	8.9137E-09
Rt3	W11	75	DMND	3	DmdSATR	No_VFD_Chill	2.33511E-05	0	9.10317E-09
Rt3	W12	75	DMND	3	DmdSATR	No_VFD_Chill	2.49215E-05	0	9.10317E-09
Rt3	W13	75	DMND	3	DmdSATR	No_VFD_Chill	2.95985E-05	0	9.48382E-09
Rt3	W14	75	DMND	3	DmdSATR	No_VFD_Chill	2.48191E-05	0	9.29435E-09
Rt3	W15	75	DMND	3	DmdSATR	No_VFD_Chill	4.50464E-05	0	1.08101E-08
Rt3	W16	75	DMND	3	DmdSATR	No_VFD_Chill	1.41506E-05	0	7.5874E-09
Rt3	W01	75	DMND	9	NoSATR	No_VFD_Chill	5.19766E-05	0	1.4603E-08
Rt3	W02	75	DMND	9	NoSATR	No_VFD_Chill	6.5069E-05	0	1.61221E-08
Rt3	W03	75	DMND	9	NoSATR	No_VFD_Chill	6.97119E-05	0	1.51731E-08
Rt3	W04	75	DMND	9	NoSATR	No_VFD_Chill	8.98027E-05	0	1.38451E-08
Rt3	W05	75	DMND	9	NoSATR	No_VFD_Chill	7.37061E-05	0	1.78291E-08
Rt3	W06	75	DMND	9	NoSATR	No_VFD_Chill	8.81811E-05	0	1.89659E-08
Rt3	W07	75	DMND	9	NoSATR	No_VFD_Chill	9.68695E-05	0	1.8587E-08
Rt3	W08	75	DMND	9	NoSATR	No_VFD_Chill	8.68155E-05	0	1.80169E-08
Rt3	W09	75	DMND	9	NoSATR	No_VFD_Chill	9.53503E-05	0	1.5552E-08
Rt3	W10	75	DMND	9	NoSATR	No_VFD_Chill	8.33163E-05	0	1.17592E-08
Rt3	W11	75	DMND	9	NoSATR	No_VFD_Chill	7.17431E-05	0	1.32767E-08
Rt3	W12	75	DMND	9	NoSATR	No_VFD_Chill	7.86734E-05	0	1.61221E-08
Rt3	W13	75	DMND	9	NoSATR	No_VFD_Chill	8.72764E-05	0	1.5931E-08
Rt3	W14	75	DMND	9	NoSATR	No_VFD_Chill	7.24088E-05	0	1.13802E-08
Rt3	W15	75	DMND	9	NoSATR	No_VFD_Chill	9.83545E-05	0	1.00522E-08
Rt3	W16	75	DMND	9	NoSATR	No_VFD_Chill	4.56609E-05	0	1.4603E-08
Rt3	W01	75	DMND	9	OATSATR	No_VFD_Chill	3.15957E-05	0	1.19487E-08
Rt3	W02	75	DMND	9	OATSATR	No_VFD_Chill	5.25399E-05	0	1.8208E-08
Rt3	W03	75	DMND	9	OATSATR	No_VFD_Chill	5.46395E-05	0	1.87765E-08
Rt3	W04	75	DMND	9	OATSATR	No_VFD_Chill	7.80418E-05	0	2.20009E-08
Rt3	W05	75	DMND	9	OATSATR	No_VFD_Chill	5.92995E-05	0	1.64994E-08
Rt3	W06	75	DMND	9	OATSATR	No_VFD_Chill	7.59422E-05	0	1.85853E-08
Rt3	W07	75	DMND	9	OATSATR	No_VFD_Chill	9.07927E-05	0	2.21904E-08
Rt3	W08	75	DMND	9	OATSATR	No_VFD_Chill	8.21555E-05	0	1.93449E-08
Rt3	W09	75	DMND	9	OATSATR	No_VFD_Chill	8.90004E-05	0	2.12413E-08
Rt3	W10	75	DMND	9	OATSATR	No_VFD_Chill	7.92025E-05	0	1.70695E-08
Rt3	W11	75	DMND	9	OATSATR	No_VFD_Chill	6.20989E-05	0	1.89659E-08
Rt3	W12	75	DMND	9	OATSATR	No_VFD_Chill	6.70661E-05	0	2.01045E-08
Rt3	W13	75	DMND	9	OATSATR	No_VFD_Chill	7.79052E-05	0	2.18114E-08

## CHWST Reset db

Rt3	W14	75	DMND	9	OATSATR	No_VFD_Chill	6.36693E-05	0	1.49836E-08
Rt3	W15	75	DMND	9	OATSATR	No_VFD_Chill	0.000103902	0	1.74502E-08
Rt3	W16	75	DMND	9	OATSATR	No_VFD_Chill	3.73822E-05	0	1.65011E-08
Rt3	W01	75	DMND	9	DmdSATR	No_VFD_Chill	1.72573E-05	0	8.1541E-09
Rt3	W02	75	DMND	9	DmdSATR	No_VFD_Chill	4.36809E-05	0	1.89659E-08
Rt3	W03	75	DMND	9	DmdSATR	No_VFD_Chill	3.95671E-05	0	1.70695E-08
Rt3	W04	75	DMND	9	DmdSATR	No_VFD_Chill	6.4591E-05	0	2.10518E-08
Rt3	W05	75	DMND	9	DmdSATR	No_VFD_Chill	4.67534E-05	0	1.5552E-08
Rt3	W06	75	DMND	9	DmdSATR	No_VFD_Chill	6.19964E-05	0	1.688E-08
Rt3	W07	75	DMND	9	DmdSATR	No_VFD_Chill	7.7598E-05	0	2.14308E-08
Rt3	W08	75	DMND	9	DmdSATR	No_VFD_Chill	7.24088E-05	0	1.93449E-08
Rt3	W09	75	DMND	9	DmdSATR	No_VFD_Chill	7.85197E-05	0	2.21904E-08
Rt3	W10	75	DMND	9	DmdSATR	No_VFD_Chill	7.0736E-05	0	1.76379E-08
Rt3	W11	75	DMND	9	DmdSATR	No_VFD_Chill	5.38714E-05	0	1.93449E-08
Rt3	W12	75	DMND	9	DmdSATR	No_VFD_Chill	5.6978E-05	0	2.01028E-08
Rt3	W13	75	DMND	9	DmdSATR	No_VFD_Chill	6.96436E-05	0	2.21904E-08
Rt3	W14	75	DMND	9	DmdSATR	No_VFD_Chill	5.7217E-05	0	1.57432E-08
Rt3	W15	75	DMND	9	DmdSATR	No_VFD_Chill	9.76717E-05	0	1.74485E-08
Rt3	W16	75	DMND	9	DmdSATR	No_VFD_Chill	3.2654E-05	0	1.688E-08
Rt3	W01	85	DMND	3	NoSATR	VFD_Chill	7.23747E-05	0	1.74485E-08
Rt3	W02	85	DMND	3	NoSATR	VFD_Chill	9.65963E-05	0	2.08641E-08
Rt3	W03	85	DMND	3	NoSATR	VFD_Chill	0.000105046	0	1.97255E-08
Rt3	W04	85	DMND	3	NoSATR	VFD_Chill	0.000129506	0	2.56043E-08
Rt3	W05	85	DMND	3	NoSATR	VFD_Chill	0.000104005	0	2.01028E-08
Rt3	W06	85	DMND	3	NoSATR	VFD_Chill	0.000124539	0	2.35184E-08
Rt3	W07	85	DMND	3	NoSATR	VFD_Chill	0.000141643	0	2.59832E-08
Rt3	W08	85	DMND	3	NoSATR	VFD_Chill	0.00012797	0	2.35184E-08
Rt3	W09	85	DMND	3	NoSATR	VFD_Chill	0.000142718	0	2.57937E-08
Rt3	W10	85	DMND	3	NoSATR	VFD_Chill	0.000123361	0	2.06729E-08
Rt3	W11	85	DMND	3	NoSATR	VFD_Chill	0.000103936	0	1.93466E-08
Rt3	W12	85	DMND	3	NoSATR	VFD_Chill	0.000115595	0	2.48464E-08
Rt3	W13	85	DMND	3	NoSATR	VFD_Chill	0.000120613	0	2.38973E-08
Rt3	W14	85	DMND	3	NoSATR	VFD_Chill	9.52649E-05	0	1.70695E-08
Rt3	W15	85	DMND	3	NoSATR	VFD_Chill	0.000151389	0	1.4224E-08
Rt3	W16	85	DMND	3	NoSATR	VFD_Chill	7.60276E-05	0	2.08641E-08
Rt3	W01	85	DMND	3	OATSATR	VFD_Chill	5.43493E-05	0	1.53626E-08
Rt3	W02	85	DMND	3	OATSATR	VFD_Chill	7.94927E-05	0	2.08624E-08
Rt3	W03	85	DMND	3	OATSATR	VFD_Chill	8.7908E-05	0	1.95343E-08
Rt3	W04	85	DMND	3	OATSATR	VFD_Chill	0.000113563	0	2.54148E-08
Rt3	W05	85	DMND	3	OATSATR	VFD_Chill	8.64912E-05	0	1.9915E-08
Rt3	W06	85	DMND	3	OATSATR	VFD_Chill	0.000108272	0	2.35184E-08
Rt3	W07	85	DMND	3	OATSATR	VFD_Chill	0.000129267	0	2.57954E-08
Rt3	W08	85	DMND	3	OATSATR	VFD_Chill	0.000113598	0	2.33289E-08
Rt3	W09	85	DMND	3	OATSATR	VFD_Chill	0.00012698	0	2.48464E-08
Rt3	W10	85	DMND	3	OATSATR	VFD_Chill	0.000107077	0	1.53626E-08
Rt3	W11	85	DMND	3	OATSATR	VFD_Chill	9.06732E-05	0	1.91571E-08
Rt3	W12	85	DMND	3	OATSATR	VFD_Chill	9.74498E-05	0	2.16219E-08
Rt3	W13	85	DMND	3	OATSATR	VFD_Chill	0.000103305	0	2.16202E-08
Rt3	W14	85	DMND	3	OATSATR	VFD_Chill	8.43575E-05	0	1.68783E-08
Rt3	W15	85	DMND	3	OATSATR	VFD_Chill	0.000136761	0	5.5015E-09
Rt3	W16	85	DMND	3	OATSATR	VFD_Chill	6.52226E-05	0	2.08641E-08
Rt3	W01	85	DMND	3	DmdSATR	VFD_Chill	5.64147E-05	0	1.74485E-08
Rt3	W02	85	DMND	3	DmdSATR	VFD_Chill	7.67274E-05	0	2.08624E-08
Rt3	W03	85	DMND	3	DmdSATR	VFD_Chill	8.51598E-05	0	1.97238E-08
Rt3	W04	85	DMND	3	DmdSATR	VFD_Chill	0.000110337	0	2.56043E-08
Rt3	W05	85	DMND	3	DmdSATR	VFD_Chill	8.62693E-05	0	1.9915E-08
Rt3	W06	85	DMND	3	DmdSATR	VFD_Chill	0.000109057	0	2.37078E-08
Rt3	W07	85	DMND	3	DmdSATR	VFD_Chill	0.000127441	0	2.57937E-08
Rt3	W08	85	DMND	3	DmdSATR	VFD_Chill	0.000113632	0	2.35184E-08
Rt3	W09	85	DMND	3	DmdSATR	VFD_Chill	0.000125973	0	2.46552E-08
Rt3	W10	85	DMND	3	DmdSATR	VFD_Chill	0.000105933	0	1.36556E-08
Rt3	W11	85	DMND	3	DmdSATR	VFD_Chill	8.70545E-05	0	1.65011E-08
Rt3	W12	85	DMND	3	DmdSATR	VFD_Chill	9.51966E-05	0	2.1243E-08
Rt3	W13	85	DMND	3	DmdSATR	VFD_Chill	0.000100488	0	2.1243E-08
Rt3	W14	85	DMND	3	DmdSATR	VFD_Chill	8.07388E-05	0	1.25171E-08
Rt3	W15	85	DMND	3	DmdSATR	VFD_Chill	0.000133023	0	2.65431E-09
Rt3	W16	85	DMND	3	DmdSATR	VFD_Chill	6.56835E-05	0	2.08624E-08
Rt3	W01	85	DMND	9	NoSATR	VFD_Chill	0.000159327	0	4.00178E-08
Rt3	W02	85	DMND	9	NoSATR	VFD_Chill	0.000212464	0	3.6795E-08
Rt3	W03	85	DMND	9	NoSATR	VFD_Chill	0.000230933	0	3.56565E-08
Rt3	W04	85	DMND	9	NoSATR	VFD_Chill	0.00027528	0	3.60354E-08
Rt3	W05	85	DMND	9	NoSATR	VFD_Chill	0.000231958	0	4.89314E-08
Rt3	W06	85	DMND	9	NoSATR	VFD_Chill	0.000275451	0	5.25365E-08
Rt3	W07	85	DMND	9	NoSATR	VFD_Chill	0.000306432	0	4.68456E-08
Rt3	W08	85	DMND	9	NoSATR	VFD_Chill	0.000274785	0	4.13475E-08
Rt3	W09	85	DMND	9	NoSATR	VFD_Chill	0.000302898	0	3.90704E-08
Rt3	W10	85	DMND	9	NoSATR	VFD_Chill	0.000258142	0	2.40868E-08
Rt3	W11	85	DMND	9	NoSATR	VFD_Chill	0.000227878	0	2.71217E-08
Rt3	W12	85	DMND	9	NoSATR	VFD_Chill	0.000249863	0	3.88809E-08
Rt3	W13	85	DMND	9	NoSATR	VFD_Chill	0.000263809	0	3.64144E-08
Rt3	W14	85	DMND	9	NoSATR	VFD_Chill	0.000207275	0	1.66889E-08
Rt3	W15	85	DMND	9	NoSATR	VFD_Chill	0.000294551	0	1.4224E-08
Rt3	W16	85	DMND	9	NoSATR	VFD_Chill	0.000164465	0	3.31917E-08
Rt3	W01	85	DMND	9	OATSATR	VFD_Chill	0.000117984	0	3.48969E-08
Rt3	W02	85	DMND	9	OATSATR	VFD_Chill	0.00017358	0	3.11041E-08
Rt3	W03	85	DMND	9	OATSATR	VFD_Chill	0.000190325	0	3.0155E-08
Rt3	W04	85	DMND	9	OATSATR	VFD_Chill	0.00023759	0	3.18636E-08
Rt3	W05	85	DMND	9	OATSATR	VFD_Chill	0.000191691	0	4.68473E-08
Rt3	W06	85	DMND	9	OATSATR	VFD_Chill	0.000239656	0	5.1019E-08
Rt3	W07	85	DMND	9	OATSATR	VFD_Chill	0.000279223	0	4.19159E-08
Rt3	W08	85	DMND	9	OATSATR	VFD_Chill	0.000241073	0	4.07773E-08
Rt3	W09	85	DMND	9	OATSATR	VFD_Chill	0.000262905	0	3.01567E-08
Rt3	W10	85	DMND	9	OATSATR	VFD_Chill	0.000217824	0	1.5931E-08
Rt3	W11	85	DMND	9	OATSATR	VFD_Chill	0.000194644	0	2.06729E-08
Rt3	W12	85	DMND	9	OATSATR	VFD_Chill	0.00020439	0	3.14847E-08
Rt3	W13	85	DMND	9	OATSATR	VFD_Chill	0.000219429	0	2.99655E-08
Rt3	W14	85	DMND	9	OATSATR	VFD_Chill	0.000181073	0	1.66889E-08
Rt3	W15	85	DMND	9	OATSATR	VFD_Chill	0.000265107	0	5.5015E-09



## CHWST Reset db

Rt3	W16	85	DMND	9	OATSATR	VFD_Chill	0.000140243	0	3.30022E-08
Rt3	W01	85	DMND	9	DmdSATR	VFD_Chill	0.000119487	0	3.94493E-08
Rt3	W02	85	DMND	9	DmdSATR	VFD_Chill	0.000167401	0	2.99672E-08
Rt3	W03	85	DMND	9	DmdSATR	VFD_Chill	0.000184982	0	2.92076E-08
Rt3	W04	85	DMND	9	DmdSATR	VFD_Chill	0.000229073	0	3.16742E-08
Rt3	W05	85	DMND	9	DmdSATR	VFD_Chill	0.000189949	0	4.70367E-08
Rt3	W06	85	DMND	9	DmdSATR	VFD_Chill	0.000238427	0	5.007E-08
Rt3	W07	85	DMND	9	DmdSATR	VFD_Chill	0.000270705	0	4.00178E-08
Rt3	W08	85	DMND	9	DmdSATR	VFD_Chill	0.000236157	0	3.92599E-08
Rt3	W09	85	DMND	9	DmdSATR	VFD_Chill	0.000259337	0	2.93971E-08
Rt3	W10	85	DMND	9	DmdSATR	VFD_Chill	0.000214359	0	1.38451E-08
Rt3	W11	85	DMND	9	DmdSATR	VFD_Chill	0.000186023	0	1.61221E-08
Rt3	W12	85	DMND	9	DmdSATR	VFD_Chill	0.00019816	0	3.07251E-08
Rt3	W13	85	DMND	9	DmdSATR	VFD_Chill	0.000209596	0	2.73112E-08
Rt3	W14	85	DMND	9	DmdSATR	VFD_Chill	0.0001716	0	1.23276E-08
Rt3	W15	85	DMND	9	DmdSATR	VFD_Chill	0.00025792	0	2.65431E-09
Rt3	W16	85	DMND	9	DmdSATR	VFD_Chill	0.00013927	0	3.03445E-08
Rt3	W01	85	DMND	3	NoSATR	No_VFD_Chill	2.12515E-05	0	4.92967E-09
Rt3	W02	85	DMND	3	NoSATR	No_VFD_Chill	2.93083E-05	0	7.58569E-09
Rt3	W03	85	DMND	3	NoSATR	No_VFD_Chill	3.09812E-05	0	6.63833E-09
Rt3	W04	85	DMND	3	NoSATR	No_VFD_Chill	3.90721E-05	0	9.10317E-09
Rt3	W05	85	DMND	3	NoSATR	No_VFD_Chill	3.01277E-05	0	6.25768E-09
Rt3	W06	85	DMND	3	NoSATR	No_VFD_Chill	3.6341E-05	0	7.20845E-09
Rt3	W07	85	DMND	3	NoSATR	No_VFD_Chill	4.08644E-05	0	8.53475E-09
Rt3	W08	85	DMND	3	NoSATR	No_VFD_Chill	3.74676E-05	0	7.77687E-09
Rt3	W09	85	DMND	3	NoSATR	No_VFD_Chill	4.16325E-05	0	9.10317E-09
Rt3	W10	85	DMND	3	NoSATR	No_VFD_Chill	3.69384E-05	0	7.39792E-09
Rt3	W11	85	DMND	3	NoSATR	No_VFD_Chill	3.21419E-05	0	7.01727E-09
Rt3	W12	85	DMND	3	NoSATR	No_VFD_Chill	3.49242E-05	0	8.53475E-09
Rt3	W13	85	DMND	3	NoSATR	No_VFD_Chill	3.72286E-05	0	8.53475E-09
Rt3	W14	85	DMND	3	NoSATR	No_VFD_Chill	2.95473E-05	0	6.44886E-09
Rt3	W15	85	DMND	3	NoSATR	No_VFD_Chill	4.46026E-05	0	4.92967E-09
Rt3	W16	85	DMND	3	NoSATR	No_VFD_Chill	2.35389E-05	0	7.01727E-09
Rt3	W01	85	DMND	3	OATSATR	No_VFD_Chill	1.72914E-05	0	4.55244E-09
Rt3	W02	85	DMND	3	OATSATR	No_VFD_Chill	2.42216E-05	0	7.5874E-09
Rt3	W03	85	DMND	3	OATSATR	No_VFD_Chill	2.68845E-05	0	6.8278E-09
Rt3	W04	85	DMND	3	OATSATR	No_VFD_Chill	3.5368E-05	0	9.29264E-09
Rt3	W05	85	DMND	3	OATSATR	No_VFD_Chill	2.59798E-05	0	6.44715E-09
Rt3	W06	85	DMND	3	OATSATR	No_VFD_Chill	3.18346E-05	0	7.39792E-09
Rt3	W07	85	DMND	3	OATSATR	No_VFD_Chill	3.77065E-05	0	8.53475E-09
Rt3	W08	85	DMND	3	OATSATR	No_VFD_Chill	3.36781E-05	0	7.77687E-09
Rt3	W09	85	DMND	3	OATSATR	No_VFD_Chill	3.77919E-05	0	8.9137E-09
Rt3	W10	85	DMND	3	OATSATR	No_VFD_Chill	3.23979E-05	0	5.31032E-09
Rt3	W11	85	DMND	3	OATSATR	No_VFD_Chill	2.86768E-05	0	7.20675E-09
Rt3	W12	85	DMND	3	OATSATR	No_VFD_Chill	2.96839E-05	0	7.39622E-09
Rt3	W13	85	DMND	3	OATSATR	No_VFD_Chill	3.21419E-05	0	7.77516E-09
Rt3	W14	85	DMND	3	OATSATR	No_VFD_Chill	2.72771E-05	0	6.25939E-09
Rt3	W15	85	DMND	3	OATSATR	No_VFD_Chill	4.05059E-05	0	1.89642E-09
Rt3	W16	85	DMND	3	OATSATR	No_VFD_Chill	2.02274E-05	0	7.01898E-09
Rt3	W01	85	DMND	3	DmdSATR	No_VFD_Chill	1.79571E-05	0	5.12085E-09
Rt3	W02	85	DMND	3	DmdSATR	No_VFD_Chill	2.31633E-05	0	7.58569E-09
Rt3	W03	85	DMND	3	DmdSATR	No_VFD_Chill	2.5792E-05	0	7.01727E-09
Rt3	W04	85	DMND	3	DmdSATR	No_VFD_Chill	3.37464E-05	0	9.29435E-09
Rt3	W05	85	DMND	3	DmdSATR	No_VFD_Chill	2.58091E-05	0	6.44886E-09
Rt3	W06	85	DMND	3	DmdSATR	No_VFD_Chill	3.23809E-05	0	7.58569E-09
Rt3	W07	85	DMND	3	DmdSATR	No_VFD_Chill	3.757E-05	0	8.53475E-09
Rt3	W08	85	DMND	3	DmdSATR	No_VFD_Chill	3.40707E-05	0	7.96634E-09
Rt3	W09	85	DMND	3	DmdSATR	No_VFD_Chill	3.74505E-05	0	8.9154E-09
Rt3	W10	85	DMND	3	DmdSATR	No_VFD_Chill	3.21248E-05	0	4.93138E-09
Rt3	W11	85	DMND	3	DmdSATR	No_VFD_Chill	2.75843E-05	0	6.06992E-09
Rt3	W12	85	DMND	3	DmdSATR	No_VFD_Chill	2.94108E-05	0	7.39792E-09
Rt3	W13	85	DMND	3	DmdSATR	No_VFD_Chill	3.15786E-05	0	7.5874E-09
Rt3	W14	85	DMND	3	DmdSATR	No_VFD_Chill	2.59798E-05	0	4.55244E-09
Rt3	W15	85	DMND	3	DmdSATR	No_VFD_Chill	3.92257E-05	0	7.59593E-10
Rt3	W16	85	DMND	3	DmdSATR	No_VFD_Chill	2.12174E-05	0	7.20675E-09
Rt3	W01	85	DMND	9	NoSATR	No_VFD_Chill	4.79653E-05	0	1.11891E-08
Rt3	W02	85	DMND	9	NoSATR	No_VFD_Chill	6.3601E-05	0	1.2896E-08
Rt3	W03	85	DMND	9	NoSATR	No_VFD_Chill	6.76465E-05	0	1.21381E-08
Rt3	W04	85	DMND	9	NoSATR	No_VFD_Chill	8.09607E-05	0	1.25171E-08
Rt3	W05	85	DMND	9	NoSATR	No_VFD_Chill	6.69978E-05	0	1.5552E-08
Rt3	W06	85	DMND	9	NoSATR	No_VFD_Chill	7.94415E-05	0	1.59327E-08
Rt3	W07	85	DMND	9	NoSATR	No_VFD_Chill	8.70886E-05	0	1.49819E-08
Rt3	W08	85	DMND	9	NoSATR	No_VFD_Chill	7.88099E-05	0	1.40345E-08
Rt3	W09	85	DMND	9	NoSATR	No_VFD_Chill	8.62522E-05	0	1.36556E-08
Rt3	W10	85	DMND	9	NoSATR	No_VFD_Chill	7.50717E-05	0	8.34528E-09
Rt3	W11	85	DMND	9	NoSATR	No_VFD_Chill	6.95241E-05	0	9.67158E-09
Rt3	W12	85	DMND	9	NoSATR	No_VFD_Chill	7.43548E-05	0	1.25171E-08
Rt3	W13	85	DMND	9	NoSATR	No_VFD_Chill	7.95951E-05	0	1.27065E-08
Rt3	W14	85	DMND	9	NoSATR	No_VFD_Chill	6.42838E-05	0	6.06821E-09
Rt3	W15	85	DMND	9	NoSATR	No_VFD_Chill	8.41015E-05	0	4.92967E-09
Rt3	W16	85	DMND	9	NoSATR	No_VFD_Chill	5.06111E-05	0	1.06206E-08
Rt3	W01	85	DMND	9	OATSATR	No_VFD_Chill	3.81333E-05	0	1.00522E-08
Rt3	W02	85	DMND	9	OATSATR	No_VFD_Chill	5.26424E-05	0	1.11908E-08
Rt3	W03	85	DMND	9	OATSATR	No_VFD_Chill	5.65683E-05	0	1.06206E-08
Rt3	W04	85	DMND	9	OATSATR	No_VFD_Chill	7.18456E-05	0	1.13785E-08
Rt3	W05	85	DMND	9	OATSATR	No_VFD_Chill	5.68585E-05	0	1.51714E-08
Rt3	W06	85	DMND	9	OATSATR	No_VFD_Chill	6.9985E-05	0	1.57432E-08
Rt3	W07	85	DMND	9	OATSATR	No_VFD_Chill	8.0056E-05	0	1.36556E-08
Rt3	W08	85	DMND	9	OATSATR	No_VFD_Chill	7.0241E-05	0	1.38468E-08
Rt3	W09	85	DMND	9	OATSATR	No_VFD_Chill	7.63007E-05	0	1.08101E-08
Rt3	W10	85	DMND	9	OATSATR	No_VFD_Chill	6.4096E-05	0	5.5015E-09
Rt3	W11	85	DMND	9	OATSATR	No_VFD_Chill	5.98286E-05	0	7.39792E-09
Rt3	W12	85	DMND	9	OATSATR	No_VFD_Chill	6.18599E-05	0	1.04312E-08
Rt3	W13	85	DMND	9	OATSATR	No_VFD_Chill	6.67759E-05	0	1.02417E-08
Rt3	W14	85	DMND	9	OATSATR	No_VFD_Chill	5.68585E-05	0	6.06821E-09
Rt3	W15	85	DMND	9	OATSATR	No_VFD_Chill	7.60617E-05	0	1.89642E-09
Rt3	W16	85	DMND	9	OATSATR	No_VFD_Chill	4.41076E-05	0	1.08118E-08
Rt3	W01	85	DMND	9	DmdSATR	No_VFD_Chill	3.7092E-05	0	1.13802E-08

## CHWST Reset db

Rt3	W02	85	DMND	9	DmdSATR	No_VFD_Chill	5.03038E-05	0	1.08101E-08
Rt3	W03	85	DMND	9	DmdSATR	No_VFD_Chill	5.56125E-05	0	1.00522E-08
Rt3	W04	85	DMND	9	DmdSATR	No_VFD_Chill	6.84487E-05	0	1.13802E-08
Rt3	W05	85	DMND	9	DmdSATR	No_VFD_Chill	5.56807E-05	0	1.53626E-08
Rt3	W06	85	DMND	9	DmdSATR	No_VFD_Chill	6.98996E-05	0	1.53626E-08
Rt3	W07	85	DMND	9	DmdSATR	No_VFD_Chill	7.79052E-05	0	1.28977E-08
Rt3	W08	85	DMND	9	DmdSATR	No_VFD_Chill	6.89608E-05	0	1.34661E-08
Rt3	W09	85	DMND	9	DmdSATR	No_VFD_Chill	7.50546E-05	0	1.06224E-08
Rt3	W10	85	DMND	9	DmdSATR	No_VFD_Chill	6.30548E-05	0	4.93138E-09
Rt3	W11	85	DMND	9	DmdSATR	No_VFD_Chill	5.7712E-05	0	5.69097E-09
Rt3	W12	85	DMND	9	DmdSATR	No_VFD_Chill	5.9675E-05	0	1.02417E-08
Rt3	W13	85	DMND	9	DmdSATR	No_VFD_Chill	6.43862E-05	0	9.48382E-09
Rt3	W14	85	DMND	9	DmdSATR	No_VFD_Chill	5.36495E-05	0	4.36297E-09
Rt3	W15	85	DMND	9	DmdSATR	No_VFD_Chill	7.34159E-05	0	7.59593E-10
Rt3	W16	85	DMND	9	DmdSATR	No_VFD_Chill	4.42612E-05	0	1.00522E-08
Rt3	W01	96	DMND	3	NoSATR	VFD_Chill	6.86023E-05	0	1.688E-08
Rt3	W02	96	DMND	3	NoSATR	VFD_Chill	9.20729E-05	0	1.93449E-08
Rt3	W03	96	DMND	3	NoSATR	VFD_Chill	9.94469E-05	0	1.8587E-08
Rt3	W04	96	DMND	3	NoSATR	VFD_Chill	0.000123788	0	2.38973E-08
Rt3	W05	96	DMND	3	NoSATR	VFD_Chill	0.00010042	0	1.93449E-08
Rt3	W06	96	DMND	3	NoSATR	VFD_Chill	0.00011935	0	2.27588E-08
Rt3	W07	96	DMND	3	NoSATR	VFD_Chill	0.000137	0	2.48464E-08
Rt3	W08	96	DMND	3	NoSATR	VFD_Chill	0.000122337	0	2.10518E-08
Rt3	W09	96	DMND	3	NoSATR	VFD_Chill	0.000136215	0	2.40868E-08
Rt3	W10	96	DMND	3	NoSATR	VFD_Chill	0.000115817	0	1.61204E-08
Rt3	W11	96	DMND	3	NoSATR	VFD_Chill	9.79448E-05	0	1.30855E-08
Rt3	W12	96	DMND	3	NoSATR	VFD_Chill	0.000109979	0	2.18114E-08
Rt3	W13	96	DMND	3	NoSATR	VFD_Chill	0.000119401	0	1.99133E-08
Rt3	W14	96	DMND	3	NoSATR	VFD_Chill	8.83347E-05	0	3.79284E-09
Rt3	W15	96	DMND	3	NoSATR	VFD_Chill	0.000133193	0	2.08589E-09
Rt3	W16	96	DMND	3	NoSATR	VFD_Chill	7.64373E-05	0	1.93449E-08
Rt3	W01	96	DMND	3	OATSATR	VFD_Chill	4.887E-05	0	1.44135E-08
Rt3	W02	96	DMND	3	OATSATR	VFD_Chill	7.88611E-05	0	1.80186E-08
Rt3	W03	96	DMND	3	OATSATR	VFD_Chill	8.27359E-05	0	1.83975E-08
Rt3	W04	96	DMND	3	OATSATR	VFD_Chill	0.000108664	0	2.37078E-08
Rt3	W05	96	DMND	3	OATSATR	VFD_Chill	8.50061E-05	0	1.89659E-08
Rt3	W06	96	DMND	3	OATSATR	VFD_Chill	0.000104824	0	2.27588E-08
Rt3	W07	96	DMND	3	OATSATR	VFD_Chill	0.000123873	0	2.44657E-08
Rt3	W08	96	DMND	3	OATSATR	VFD_Chill	0.000108955	0	2.10518E-08
Rt3	W09	96	DMND	3	OATSATR	VFD_Chill	0.000119794	0	2.04834E-08
Rt3	W10	96	DMND	3	OATSATR	VFD_Chill	0.000100061	0	9.86105E-09
Rt3	W11	96	DMND	3	OATSATR	VFD_Chill	8.5945E-05	0	1.02417E-08
Rt3	W12	96	DMND	3	OATSATR	VFD_Chill	9.53844E-05	0	2.06729E-08
Rt3	W13	96	DMND	3	OATSATR	VFD_Chill	0.000101478	0	1.63099E-08
Rt3	W14	96	DMND	3	OATSATR	VFD_Chill	8.0312E-05	0	3.79284E-09
Rt3	W15	96	DMND	3	OATSATR	VFD_Chill	0.000119162	0	2.84549E-09
Rt3	W16	96	DMND	3	OATSATR	VFD_Chill	6.59054E-05	0	1.91571E-08
Rt3	W01	96	DMND	3	DmdSATR	VFD_Chill	5.39055E-05	0	1.64994E-08
Rt3	W02	96	DMND	3	DmdSATR	VFD_Chill	7.92196E-05	0	1.78274E-08
Rt3	W03	96	DMND	3	DmdSATR	VFD_Chill	8.25652E-05	0	1.83975E-08
Rt3	W04	96	DMND	3	DmdSATR	VFD_Chill	0.000108664	0	2.37078E-08
Rt3	W05	96	DMND	3	DmdSATR	VFD_Chill	8.43234E-05	0	1.89659E-08
Rt3	W06	96	DMND	3	DmdSATR	VFD_Chill	0.000105985	0	2.25693E-08
Rt3	W07	96	DMND	3	DmdSATR	VFD_Chill	0.000123276	0	2.44674E-08
Rt3	W08	96	DMND	3	DmdSATR	VFD_Chill	0.000108494	0	2.08624E-08
Rt3	W09	96	DMND	3	DmdSATR	VFD_Chill	0.000119999	0	2.02939E-08
Rt3	W10	96	DMND	3	DmdSATR	VFD_Chill	9.85764E-05	0	8.72593E-09
Rt3	W11	96	DMND	3	DmdSATR	VFD_Chill	8.45794E-05	0	6.8278E-09
Rt3	W12	96	DMND	3	DmdSATR	VFD_Chill	9.47187E-05	0	2.08624E-08
Rt3	W13	96	DMND	3	DmdSATR	VFD_Chill	9.9703E-05	0	1.57415E-08
Rt3	W14	96	DMND	3	DmdSATR	VFD_Chill	7.73931E-05	0	9.49065E-10
Rt3	W15	96	DMND	3	DmdSATR	VFD_Chill	0.000116892	0	1.70695E-09
Rt3	W16	96	DMND	3	DmdSATR	VFD_Chill	6.77659E-05	0	1.85853E-08
Rt3	W01	96	DMND	9	NoSATR	VFD_Chill	0.000149597	0	3.85003E-08
Rt3	W02	96	DMND	9	NoSATR	VFD_Chill	0.000200703	0	2.9776E-08
Rt3	W03	96	DMND	9	NoSATR	VFD_Chill	0.000217824	0	3.22426E-08
Rt3	W04	96	DMND	9	NoSATR	VFD_Chill	0.000261693	0	3.79366E-08
Rt3	W05	96	DMND	9	NoSATR	VFD_Chill	0.000222399	0	4.66561E-08
Rt3	W06	96	DMND	9	NoSATR	VFD_Chill	0.000261522	0	4.91209E-08
Rt3	W07	96	DMND	9	NoSATR	VFD_Chill	0.000291496	0	4.07773E-08
Rt3	W08	96	DMND	9	NoSATR	VFD_Chill	0.000260225	0	3.18636E-08
Rt3	W09	96	DMND	9	NoSATR	VFD_Chill	0.000285573	0	3.4518E-08
Rt3	W10	96	DMND	9	NoSATR	VFD_Chill	0.000239246	0	1.61204E-08
Rt3	W11	96	DMND	9	NoSATR	VFD_Chill	0.000210552	0	1.688E-08
Rt3	W12	96	DMND	9	NoSATR	VFD_Chill	0.000233835	0	3.14847E-08
Rt3	W13	96	DMND	9	NoSATR	VFD_Chill	0.000242745	0	2.14308E-08
Rt3	W14	96	DMND	9	NoSATR	VFD_Chill	0.000188021	0	3.60337E-09
Rt3	W15	96	DMND	9	NoSATR	VFD_Chill	0.00025705	0	2.08589E-09
Rt3	W16	96	DMND	9	NoSATR	VFD_Chill	0.000163526	0	2.46569E-08
Rt3	W01	96	DMND	9	OATSATR	VFD_Chill	0.000106838	0	3.31899E-08
Rt3	W02	96	DMND	9	OATSATR	VFD_Chill	0.000167588	0	2.37078E-08
Rt3	W03	96	DMND	9	OATSATR	VFD_Chill	0.000179776	0	2.67428E-08
Rt3	W04	96	DMND	9	OATSATR	VFD_Chill	0.000227588	0	3.5846E-08
Rt3	W05	96	DMND	9	OATSATR	VFD_Chill	0.000186467	0	4.40018E-08
Rt3	W06	96	DMND	9	OATSATR	VFD_Chill	0.000229243	0	4.76051E-08
Rt3	W07	96	DMND	9	OATSATR	VFD_Chill	0.000265277	0	3.60354E-08
Rt3	W08	96	DMND	9	OATSATR	VFD_Chill	0.000228663	0	3.16725E-08
Rt3	W09	96	DMND	9	OATSATR	VFD_Chill	0.000244606	0	2.56043E-08
Rt3	W10	96	DMND	9	OATSATR	VFD_Chill	0.000200891	0	9.86105E-09
Rt3	W11	96	DMND	9	OATSATR	VFD_Chill	0.000182456	0	1.00522E-08
Rt3	W12	96	DMND	9	OATSATR	VFD_Chill	0.000194353	0	2.65516E-08
Rt3	W13	96	DMND	9	OATSATR	VFD_Chill	0.000200277	0	1.64994E-08
Rt3	W14	96	DMND	9	OATSATR	VFD_Chill	0.000168015	0	3.60337E-09
Rt3	W15	96	DMND	9	OATSATR	VFD_Chill	0.0002288	0	2.84549E-09
Rt3	W16	96	DMND	9	OATSATR	VFD_Chill	0.000140141	0	2.44674E-08
Rt3	W01	96	DMND	9	DmdSATR	VFD_Chill	0.000116738	0	3.75529E-08
Rt3	W02	96	DMND	9	DmdSATR	VFD_Chill	0.000169261	0	2.27588E-08
Rt3	W03	96	DMND	9	DmdSATR	VFD_Chill	0.000177847	0	2.65533E-08

## CHWST Reset db

Rt3	W04	96	DMND	9	DmdSATR	VFD_Chill	0.00022344	0	3.45197E-08
Rt3	W05	96	DMND	9	DmdSATR	VFD_Chill	0.00018488	0	4.41912E-08
Rt3	W06	96	DMND	9	DmdSATR	VFD_Chill	0.000228851	0	4.62771E-08
Rt3	W07	96	DMND	9	DmdSATR	VFD_Chill	0.000258364	0	3.48986E-08
Rt3	W08	96	DMND	9	DmdSATR	VFD_Chill	0.000225061	0	2.99655E-08
Rt3	W09	96	DMND	9	DmdSATR	VFD_Chill	0.000243343	0	2.52253E-08
Rt3	W10	96	DMND	9	DmdSATR	VFD_Chill	0.000198553	0	8.72593E-09
Rt3	W11	96	DMND	9	DmdSATR	VFD_Chill	0.000178359	0	6.8278E-09
Rt3	W12	96	DMND	9	DmdSATR	VFD_Chill	0.000194627	0	2.65533E-08
Rt3	W13	96	DMND	9	DmdSATR	VFD_Chill	0.000197085	0	1.59327E-08
Rt3	W14	96	DMND	9	DmdSATR	VFD_Chill	0.00016129	0	7.59593E-10
Rt3	W15	96	DMND	9	DmdSATR	VFD_Chill	0.000226632	0	-1.70695E-09
Rt3	W16	96	DMND	9	DmdSATR	VFD_Chill	0.000142206	0	2.19992E-08
Rt3	W01	96	DMND	3	NoSATR	No_VFD_Chill	2.02786E-05	0	4.55244E-09
Rt3	W02	96	DMND	3	NoSATR	No_VFD_Chill	2.75673E-05	0	7.01727E-09
Rt3	W03	96	DMND	3	NoSATR	No_VFD_Chill	2.90523E-05	0	6.25939E-09
Rt3	W04	96	DMND	3	NoSATR	No_VFD_Chill	3.61874E-05	0	8.53475E-09
Rt3	W05	96	DMND	3	NoSATR	No_VFD_Chill	2.87963E-05	0	6.06992E-09
Rt3	W06	96	DMND	3	NoSATR	No_VFD_Chill	3.44292E-05	0	7.01727E-09
Rt3	W07	96	DMND	3	NoSATR	No_VFD_Chill	3.92087E-05	0	7.96634E-09
Rt3	W08	96	DMND	3	NoSATR	No_VFD_Chill	3.57265E-05	0	7.01727E-09
Rt3	W09	96	DMND	3	NoSATR	No_VFD_Chill	3.94306E-05	0	8.34358E-09
Rt3	W10	96	DMND	3	NoSATR	No_VFD_Chill	3.43438E-05	0	5.68927E-09
Rt3	W11	96	DMND	3	NoSATR	No_VFD_Chill	2.99399E-05	0	4.74191E-09
Rt3	W12	96	DMND	3	NoSATR	No_VFD_Chill	3.29954E-05	0	7.58569E-09
Rt3	W13	96	DMND	3	NoSATR	No_VFD_Chill	3.64263E-05	0	7.01727E-09
Rt3	W14	96	DMND	3	NoSATR	No_VFD_Chill	2.70552E-05	0	1.32801E-09
Rt3	W15	96	DMND	3	NoSATR	No_VFD_Chill	3.84576E-05	0	7.57886E-10
Rt3	W16	96	DMND	3	NoSATR	No_VFD_Chill	2.36071E-05	0	6.63833E-09
Rt3	W01	96	DMND	3	OATSATR	No_VFD_Chill	1.50724E-05	0	4.17349E-09
Rt3	W02	96	DMND	3	OATSATR	No_VFD_Chill	2.47337E-05	0	6.63833E-09
Rt3	W03	96	DMND	3	OATSATR	No_VFD_Chill	2.49727E-05	0	6.44886E-09
Rt3	W04	96	DMND	3	OATSATR	No_VFD_Chill	3.30124E-05	0	8.53475E-09
Rt3	W05	96	DMND	3	OATSATR	No_VFD_Chill	2.58603E-05	0	6.06821E-09
Rt3	W06	96	DMND	3	OATSATR	No_VFD_Chill	3.09299E-05	0	7.01727E-09
Rt3	W07	96	DMND	3	OATSATR	No_VFD_Chill	3.54192E-05	0	7.96634E-09
Rt3	W08	96	DMND	3	OATSATR	No_VFD_Chill	3.23809E-05	0	7.20845E-09
Rt3	W09	96	DMND	3	OATSATR	No_VFD_Chill	3.50608E-05	0	7.39792E-09
Rt3	W10	96	DMND	3	OATSATR	No_VFD_Chill	3.02813E-05	0	3.4139E-09
Rt3	W11	96	DMND	3	OATSATR	No_VFD_Chill	2.65089E-05	0	3.60337E-09
Rt3	W12	96	DMND	3	OATSATR	No_VFD_Chill	2.95985E-05	0	7.01727E-09
Rt3	W13	96	DMND	3	OATSATR	No_VFD_Chill	3.10665E-05	0	5.68927E-09
Rt3	W14	96	DMND	3	OATSATR	No_VFD_Chill	2.5792E-05	0	1.32801E-09
Rt3	W15	96	DMND	3	OATSATR	No_VFD_Chill	3.45316E-05	0	-1.13854E-09
Rt3	W16	96	DMND	3	OATSATR	No_VFD_Chill	2.07395E-05	0	6.44886E-09
Rt3	W01	96	DMND	3	DmdSATR	No_VFD_Chill	1.6711E-05	0	4.55244E-09
Rt3	W02	96	DMND	3	DmdSATR	No_VFD_Chill	2.47508E-05	0	6.44886E-09
Rt3	W03	96	DMND	3	DmdSATR	No_VFD_Chill	2.51092E-05	0	6.25768E-09
Rt3	W04	96	DMND	3	DmdSATR	No_VFD_Chill	3.35245E-05	0	8.72423E-09
Rt3	W05	96	DMND	3	DmdSATR	No_VFD_Chill	2.50068E-05	0	6.06992E-09
Rt3	W06	96	DMND	3	DmdSATR	No_VFD_Chill	3.16469E-05	0	7.01727E-09
Rt3	W07	96	DMND	3	DmdSATR	No_VFD_Chill	3.59484E-05	0	7.96463E-09
Rt3	W08	96	DMND	3	DmdSATR	No_VFD_Chill	3.21077E-05	0	7.01898E-09
Rt3	W09	96	DMND	3	DmdSATR	No_VFD_Chill	3.55729E-05	0	7.20675E-09
Rt3	W10	96	DMND	3	DmdSATR	No_VFD_Chill	2.97692E-05	0	3.03325E-09
Rt3	W11	96	DMND	3	DmdSATR	No_VFD_Chill	2.62358E-05	0	2.46484E-09
Rt3	W12	96	DMND	3	DmdSATR	No_VFD_Chill	2.92571E-05	0	7.20845E-09
Rt3	W13	96	DMND	3	DmdSATR	No_VFD_Chill	3.06056E-05	0	5.31032E-09
Rt3	W14	96	DMND	3	DmdSATR	No_VFD_Chill	2.47849E-05	0	1.89472E-10
Rt3	W15	96	DMND	3	DmdSATR	No_VFD_Chill	3.41902E-05	0	-7.59593E-10
Rt3	W16	96	DMND	3	DmdSATR	No_VFD_Chill	2.20367E-05	0	6.25768E-09
Rt3	W01	96	DMND	9	NoSATR	No_VFD_Chill	4.421E-05	0	1.04312E-08
Rt3	W02	96	DMND	9	NoSATR	No_VFD_Chill	5.93848E-05	0	1.04312E-08
Rt3	W03	96	DMND	9	NoSATR	No_VFD_Chill	6.2628E-05	0	1.10013E-08
Rt3	W04	96	DMND	9	NoSATR	No_VFD_Chill	7.52253E-05	0	1.34661E-08
Rt3	W05	96	DMND	9	NoSATR	No_VFD_Chill	6.24403E-05	0	1.47941E-08
Rt3	W06	96	DMND	9	NoSATR	No_VFD_Chill	7.42865E-05	0	1.47924E-08
Rt3	W07	96	DMND	9	NoSATR	No_VFD_Chill	8.18654E-05	0	1.28977E-08
Rt3	W08	96	DMND	9	NoSATR	No_VFD_Chill	7.4167E-05	0	1.09996E-08
Rt3	W09	96	DMND	9	NoSATR	No_VFD_Chill	8.14386E-05	0	1.21381E-08
Rt3	W10	96	DMND	9	NoSATR	No_VFD_Chill	6.93022E-05	0	5.4998E-09
Rt3	W11	96	DMND	9	NoSATR	No_VFD_Chill	6.25427E-05	0	6.06992E-09
Rt3	W12	96	DMND	9	NoSATR	No_VFD_Chill	6.90632E-05	0	1.02417E-08
Rt3	W13	96	DMND	9	NoSATR	No_VFD_Chill	7.16407E-05	0	7.20675E-09
Rt3	W14	96	DMND	9	NoSATR	No_VFD_Chill	5.70975E-05	0	1.13854E-09
Rt3	W15	96	DMND	9	NoSATR	No_VFD_Chill	7.21528E-05	0	7.57886E-10
Rt3	W16	96	DMND	9	NoSATR	No_VFD_Chill	4.96893E-05	0	7.96634E-09
Rt3	W01	96	DMND	9	OATSATR	No_VFD_Chill	3.36952E-05	0	9.48382E-09
Rt3	W02	96	DMND	9	OATSATR	No_VFD_Chill	5.08501E-05	0	8.53475E-09
Rt3	W03	96	DMND	9	OATSATR	No_VFD_Chill	5.33763E-05	0	9.48382E-09
Rt3	W04	96	DMND	9	OATSATR	No_VFD_Chill	6.8773E-05	0	1.27082E-08
Rt3	W05	96	DMND	9	OATSATR	No_VFD_Chill	5.51686E-05	0	1.4224E-08
Rt3	W06	96	DMND	9	OATSATR	No_VFD_Chill	6.66394E-05	0	1.44152E-08
Rt3	W07	96	DMND	9	OATSATR	No_VFD_Chill	7.55838E-05	0	1.13802E-08
Rt3	W08	96	DMND	9	OATSATR	No_VFD_Chill	6.62126E-05	0	1.10013E-08
Rt3	W09	96	DMND	9	OATSATR	No_VFD_Chill	6.98996E-05	0	9.10488E-09
Rt3	W10	96	DMND	9	OATSATR	No_VFD_Chill	5.88215E-05	0	3.4139E-09
Rt3	W11	96	DMND	9	OATSATR	No_VFD_Chill	5.55612E-05	0	3.4139E-09
Rt3	W12	96	DMND	9	OATSATR	No_VFD_Chill	5.83948E-05	0	8.72423E-09
Rt3	W13	96	DMND	9	OATSATR	No_VFD_Chill	5.98116E-05	0	5.4998E-09
Rt3	W14	96	DMND	9	OATSATR	No_VFD_Chill	5.21986E-05	0	1.13854E-09
Rt3	W15	96	DMND	9	OATSATR	No_VFD_Chill	6.40448E-05	0	-1.13854E-09
Rt3	W16	96	DMND	9	OATSATR	No_VFD_Chill	4.39369E-05	0	7.77687E-09
Rt3	W01	96	DMND	9	DmdSATR	No_VFD_Chill	3.69213E-05	0	1.04312E-08
Rt3	W02	96	DMND	9	DmdSATR	No_VFD_Chill	5.19766E-05	0	8.15581E-09
Rt3	W03	96	DMND	9	DmdSATR	No_VFD_Chill	5.23863E-05	0	8.9137E-09
Rt3	W04	96	DMND	9	DmdSATR	No_VFD_Chill	6.68954E-05	0	1.25188E-08
Rt3	W05	96	DMND	9	DmdSATR	No_VFD_Chill	5.31886E-05	0	1.4224E-08

CHWST Reset db

Rt3	W06	96	DMND	9	DmdSATR	No_VFD_Chill	6.68783E-05	0	1.38451E-08
Rt3	W07	96	DMND	9	DmdSATR	No_VFD_Chill	7.36891E-05	0	1.09996E-08
Rt3	W08	96	DMND	9	DmdSATR	No_VFD_Chill	6.53079E-05	0	1.04329E-08
Rt3	W09	96	DMND	9	DmdSATR	No_VFD_Chill	6.96777E-05	0	9.10317E-09
Rt3	W10	96	DMND	9	DmdSATR	No_VFD_Chill	5.81899E-05	0	3.03325E-09
Rt3	W11	96	DMND	9	DmdSATR	No_VFD_Chill	5.45029E-05	0	2.27537E-09
Rt3	W12	96	DMND	9	DmdSATR	No_VFD_Chill	5.90776E-05	0	8.72593E-09
Rt3	W13	96	DMND	9	DmdSATR	No_VFD_Chill	5.93507E-05	0	5.31032E-09
Rt3	W14	96	DMND	9	DmdSATR	No_VFD_Chill	5.00649E-05	0	0
Rt3	W15	96	DMND	9	DmdSATR	No_VFD_Chill	6.41643E-05	0	-7.59593E-10
Rt3	W16	96	DMND	9	DmdSATR	No_VFD_Chill	4.46368E-05	0	7.01727E-09
Rt3	W01	3	DMND	3	NoSATR	VFD_Chill	5.29155E-05	0	1.38451E-08
Rt3	W02	3	DMND	3	NoSATR	VFD_Chill	7.01727E-05	0	1.49836E-08
Rt3	W03	3	DMND	3	NoSATR	VFD_Chill	7.84856E-05	0	1.49836E-08
Rt3	W04	3	DMND	3	NoSATR	VFD_Chill	9.81497E-05	0	1.91554E-08
Rt3	W05	3	DMND	3	NoSATR	VFD_Chill	7.7359E-05	0	1.51731E-08
Rt3	W06	3	DMND	3	NoSATR	VFD_Chill	9.59989E-05	0	1.87765E-08
Rt3	W07	3	DMND	3	NoSATR	VFD_Chill	0.000110593	0	2.01045E-08
Rt3	W08	3	DMND	3	NoSATR	VFD_Chill	9.72791E-05	0	1.5931E-08
Rt3	W09	3	DMND	3	NoSATR	VFD_Chill	0.000108716	0	1.91554E-08
Rt3	W10	3	DMND	3	NoSATR	VFD_Chill	9.14755E-05	0	1.63099E-08
Rt3	W11	3	DMND	3	NoSATR	VFD_Chill	7.42353E-05	0	9.29264E-09
Rt3	W12	3	DMND	3	NoSATR	VFD_Chill	8.5945E-05	0	1.80169E-08
Rt3	W13	3	DMND	3	NoSATR	VFD_Chill	9.11E-05	0	1.40345E-08
Rt3	W14	3	DMND	3	NoSATR	VFD_Chill	6.92169E-05	0	9.49065E-10
Rt3	W15	3	DMND	3	NoSATR	VFD_Chill	0.000103595	0	1.70695E-09
Rt3	W16	3	DMND	3	NoSATR	VFD_Chill	5.92653E-05	0	1.47924E-08
Rt3	W01	3	DMND	3	OATSATR	VFD_Chill	3.61361E-05	0	1.17592E-08
Rt3	W02	3	DMND	3	OATSATR	VFD_Chill	5.81046E-05	0	1.51714E-08
Rt3	W03	3	DMND	3	OATSATR	VFD_Chill	6.3106E-05	0	1.47941E-08
Rt3	W04	3	DMND	3	OATSATR	VFD_Chill	8.56377E-05	0	1.91554E-08
Rt3	W05	3	DMND	3	OATSATR	VFD_Chill	6.384E-05	0	1.49836E-08
Rt3	W06	3	DMND	3	OATSATR	VFD_Chill	8.38625E-05	0	1.87765E-08
Rt3	W07	3	DMND	3	OATSATR	VFD_Chill	0.000100198	0	2.02939E-08
Rt3	W08	3	DMND	3	OATSATR	VFD_Chill	8.78568E-05	0	1.5931E-08
Rt3	W09	3	DMND	3	OATSATR	VFD_Chill	9.63232E-05	0	1.91554E-08
Rt3	W10	3	DMND	3	OATSATR	VFD_Chill	8.17288E-05	0	1.63099E-08
Rt3	W11	3	DMND	3	OATSATR	VFD_Chill	6.54104E-05	0	9.10317E-09
Rt3	W12	3	DMND	3	OATSATR	VFD_Chill	7.41329E-05	0	1.80186E-08
Rt3	W13	3	DMND	3	OATSATR	VFD_Chill	8.04998E-05	0	1.40345E-08
Rt3	W14	3	DMND	3	OATSATR	VFD_Chill	6.11088E-05	0	9.49065E-10
Rt3	W15	3	DMND	3	OATSATR	VFD_Chill	9.59477E-05	0	1.70695E-09
Rt3	W16	3	DMND	3	OATSATR	VFD_Chill	5.09866E-05	0	1.47941E-08
Rt3	W01	3	DMND	3	DmdSATR	VFD_Chill	3.73822E-05	0	1.30872E-08
Rt3	W02	3	DMND	3	DmdSATR	VFD_Chill	5.82582E-05	0	1.51731E-08
Rt3	W03	3	DMND	3	DmdSATR	VFD_Chill	6.23378E-05	0	1.49836E-08
Rt3	W04	3	DMND	3	DmdSATR	VFD_Chill	8.31456E-05	0	1.91571E-08
Rt3	W05	3	DMND	3	DmdSATR	VFD_Chill	6.33791E-05	0	1.51731E-08
Rt3	W06	3	DMND	3	DmdSATR	VFD_Chill	8.18995E-05	0	1.87765E-08
Rt3	W07	3	DMND	3	DmdSATR	VFD_Chill	9.68353E-05	0	2.02939E-08
Rt3	W08	3	DMND	3	DmdSATR	VFD_Chill	8.55182E-05	0	1.57432E-08
Rt3	W09	3	DMND	3	DmdSATR	VFD_Chill	9.46504E-05	0	1.93449E-08
Rt3	W10	3	DMND	3	DmdSATR	VFD_Chill	8.01413E-05	0	1.59327E-08
Rt3	W11	3	DMND	3	DmdSATR	VFD_Chill	6.384E-05	0	8.72423E-09
Rt3	W12	3	DMND	3	DmdSATR	VFD_Chill	7.37232E-05	0	1.8208E-08
Rt3	W13	3	DMND	3	DmdSATR	VFD_Chill	7.98682E-05	0	1.36556E-08
Rt3	W14	3	DMND	3	DmdSATR	VFD_Chill	6.02895E-05	0	-5.68415E-10
Rt3	W15	3	DMND	3	DmdSATR	VFD_Chill	9.34385E-05	0	3.03496E-09
Rt3	W16	3	DMND	3	DmdSATR	VFD_Chill	5.18742E-05	0	1.38451E-08
Rt3	W01	3	DMND	9	NoSATR	VFD_Chill	0.00011481	0	3.12952E-08
Rt3	W02	3	DMND	9	NoSATR	VFD_Chill	0.00015168	0	2.23798E-08
Rt3	W03	3	DMND	9	NoSATR	VFD_Chill	0.000170968	0	2.73112E-08
Rt3	W04	3	DMND	9	NoSATR	VFD_Chill	0.000208026	0	3.37601E-08
Rt3	W05	3	DMND	9	NoSATR	VFD_Chill	0.000171634	0	3.69845E-08
Rt3	W06	3	DMND	9	NoSATR	VFD_Chill	0.000210057	0	4.03967E-08
Rt3	W07	3	DMND	9	NoSATR	VFD_Chill	0.000234655	0	3.30005E-08
Rt3	W08	3	DMND	9	NoSATR	VFD_Chill	0.000207377	0	2.18114E-08
Rt3	W09	3	DMND	9	NoSATR	VFD_Chill	0.000227485	0	2.80708E-08
Rt3	W10	3	DMND	9	NoSATR	VFD_Chill	0.000196982	0	2.02939E-08
Rt3	W11	3	DMND	9	NoSATR	VFD_Chill	0.000159463	0	1.1568E-08
Rt3	W12	3	DMND	9	NoSATR	VFD_Chill	0.000182285	0	2.46552E-08
Rt3	W13	3	DMND	9	NoSATR	VFD_Chill	0.000184914	0	1.53626E-08
Rt3	W14	3	DMND	9	NoSATR	VFD_Chill	0.000145961	0	7.59593E-10
Rt3	W15	3	DMND	9	NoSATR	VFD_Chill	0.000199696	0	1.70695E-09
Rt3	W16	3	DMND	9	NoSATR	VFD_Chill	0.000126229	0	1.78274E-08
Rt3	W01	3	DMND	9	OATSATR	VFD_Chill	7.81954E-05	0	2.63621E-08
Rt3	W02	3	DMND	9	OATSATR	VFD_Chill	0.000126007	0	2.23798E-08
Rt3	W03	3	DMND	9	OATSATR	VFD_Chill	0.000138024	0	2.73112E-08
Rt3	W04	3	DMND	9	OATSATR	VFD_Chill	0.00018022	0	3.33811E-08
Rt3	W05	3	DMND	9	OATSATR	VFD_Chill	0.000142104	0	3.6795E-08
Rt3	W06	3	DMND	9	OATSATR	VFD_Chill	0.000184214	0	4.09668E-08
Rt3	W07	3	DMND	9	OATSATR	VFD_Chill	0.000214564	0	3.33794E-08
Rt3	W08	3	DMND	9	OATSATR	VFD_Chill	0.000187628	0	2.16202E-08
Rt3	W09	3	DMND	9	OATSATR	VFD_Chill	0.000201608	0	2.80691E-08
Rt3	W10	3	DMND	9	OATSATR	VFD_Chill	0.000174962	0	2.01028E-08
Rt3	W11	3	DMND	9	OATSATR	VFD_Chill	0.000138895	0	1.13785E-08
Rt3	W12	3	DMND	9	OATSATR	VFD_Chill	0.000156357	0	2.46569E-08
Rt3	W13	3	DMND	9	OATSATR	VFD_Chill	0.000162263	0	1.53626E-08
Rt3	W14	3	DMND	9	OATSATR	VFD_Chill	0.00012896	0	9.49065E-10
Rt3	W15	3	DMND	9	OATSATR	VFD_Chill	0.000183327	0	1.70695E-09
Rt3	W16	3	DMND	9	OATSATR	VFD_Chill	0.000109194	0	1.78274E-08
Rt3	W01	3	DMND	9	DmdSATR	VFD_Chill	8.12338E-05	0	2.92076E-08
Rt3	W02	3	DMND	9	DmdSATR	VFD_Chill	0.000126127	0	2.18114E-08
Rt3	W03	3	DMND	9	DmdSATR	VFD_Chill	0.000135156	0	2.95866E-08
Rt3	W04	3	DMND	9	DmdSATR	VFD_Chill	0.000176567	0	3.24321E-08
Rt3	W05	3	DMND	9	DmdSATR	VFD_Chill	0.000139731	0	3.75529E-08
Rt3	W06	3	DMND	9	DmdSATR	VFD_Chill	0.000180152	0	4.17264E-08
Rt3	W07	3	DMND	9	DmdSATR	VFD_Chill	0.000206114	0	3.35706E-08



## CHWST Reset db

Rt3	W08	3	DMND	9	DmdSATR	VFD_Chill	0.000181841	0	2.06746E-08
Rt3	W09	3	DMND	9	DmdSATR	VFD_Chill	0.00019787	0	2.78796E-08
Rt3	W10	3	DMND	9	DmdSATR	VFD_Chill	0.000171002	0	1.89659E-08
Rt3	W11	3	DMND	9	DmdSATR	VFD_Chill	0.000136095	0	9.67329E-09
Rt3	W12	3	DMND	9	DmdSATR	VFD_Chill	0.000157074	0	2.52253E-08
Rt3	W13	3	DMND	9	DmdSATR	VFD_Chill	0.000160044	0	1.51731E-08
Rt3	W14	3	DMND	9	DmdSATR	VFD_Chill	0.000125085	0	-7.59593E-10
Rt3	W15	3	DMND	9	DmdSATR	VFD_Chill	0.0001808	0	3.03496E-09
Rt3	W16	3	DMND	9	DmdSATR	VFD_Chill	0.000110832	0	1.65011E-08
Rt3	W01	3	DMND	3	NoSATR	No_VFD_Chill	1.57381E-05	0	3.98232E-09
Rt3	W02	3	DMND	3	NoSATR	No_VFD_Chill	2.12345E-05	0	5.4998E-09
Rt3	W03	3	DMND	3	NoSATR	No_VFD_Chill	2.33852E-05	0	4.93138E-09
Rt3	W04	3	DMND	3	NoSATR	No_VFD_Chill	2.94278E-05	0	6.63833E-09
Rt3	W05	3	DMND	3	NoSATR	No_VFD_Chill	2.21221E-05	0	4.55244E-09
Rt3	W06	3	DMND	3	NoSATR	No_VFD_Chill	2.76697E-05	0	5.4998E-09
Rt3	W07	3	DMND	3	NoSATR	No_VFD_Chill	3.18005E-05	0	6.44715E-09
Rt3	W08	3	DMND	3	NoSATR	No_VFD_Chill	2.82159E-05	0	5.31032E-09
Rt3	W09	3	DMND	3	NoSATR	No_VFD_Chill	3.14932E-05	0	6.63833E-09
Rt3	W10	3	DMND	3	NoSATR	No_VFD_Chill	2.67991E-05	0	5.88045E-09
Rt3	W11	3	DMND	3	NoSATR	No_VFD_Chill	2.26342E-05	0	3.4139E-09
Rt3	W12	3	DMND	3	NoSATR	No_VFD_Chill	2.57408E-05	0	6.06992E-09
Rt3	W13	3	DMND	3	NoSATR	No_VFD_Chill	2.72088E-05	0	4.93138E-09
Rt3	W14	3	DMND	3	NoSATR	No_VFD_Chill	2.14052E-05	0	1.89472E-10
Rt3	W15	3	DMND	3	NoSATR	No_VFD_Chill	2.98887E-05	0	3.78943E-10
Rt3	W16	3	DMND	3	NoSATR	No_VFD_Chill	1.83156E-05	0	5.12085E-09
Rt3	W01	3	DMND	3	OATSATR	No_VFD_Chill	1.13E-05	0	3.4139E-09
Rt3	W02	3	DMND	3	OATSATR	No_VFD_Chill	1.77694E-05	0	5.4998E-09
Rt3	W03	3	DMND	3	OATSATR	No_VFD_Chill	1.88959E-05	0	4.93138E-09
Rt3	W04	3	DMND	3	OATSATR	No_VFD_Chill	2.66967E-05	0	6.8278E-09
Rt3	W05	3	DMND	3	OATSATR	No_VFD_Chill	1.86911E-05	0	4.7402E-09
Rt3	W06	3	DMND	3	OATSATR	No_VFD_Chill	2.46484E-05	0	5.4998E-09
Rt3	W07	3	DMND	3	OATSATR	No_VFD_Chill	2.93937E-05	0	6.44715E-09
Rt3	W08	3	DMND	3	OATSATR	No_VFD_Chill	2.62529E-05	0	5.31203E-09
Rt3	W09	3	DMND	3	OATSATR	No_VFD_Chill	2.79599E-05	0	6.63662E-09
Rt3	W10	3	DMND	3	OATSATR	No_VFD_Chill	2.46142E-05	0	5.88045E-09
Rt3	W11	3	DMND	3	OATSATR	No_VFD_Chill	2.04663E-05	0	3.4139E-09
Rt3	W12	3	DMND	3	OATSATR	No_VFD_Chill	2.22074E-05	0	6.06821E-09
Rt3	W13	3	DMND	3	OATSATR	No_VFD_Chill	2.45289E-05	0	5.12085E-09
Rt3	W14	3	DMND	3	OATSATR	No_VFD_Chill	1.90154E-05	0	1.89472E-10
Rt3	W15	3	DMND	3	OATSATR	No_VFD_Chill	2.78233E-05	0	3.78943E-10
Rt3	W16	3	DMND	3	OATSATR	No_VFD_Chill	1.58064E-05	0	4.93138E-09
Rt3	W01	3	DMND	3	DmdSATR	No_VFD_Chill	1.12488E-05	0	3.79284E-09
Rt3	W02	3	DMND	3	DmdSATR	No_VFD_Chill	1.80425E-05	0	5.68927E-09
Rt3	W03	3	DMND	3	DmdSATR	No_VFD_Chill	1.92544E-05	0	5.12085E-09
Rt3	W04	3	DMND	3	DmdSATR	No_VFD_Chill	2.52629E-05	0	6.8278E-09
Rt3	W05	3	DMND	3	DmdSATR	No_VFD_Chill	1.90837E-05	0	4.93138E-09
Rt3	W06	3	DMND	3	DmdSATR	No_VFD_Chill	2.40339E-05	0	5.68927E-09
Rt3	W07	3	DMND	3	DmdSATR	No_VFD_Chill	2.8745E-05	0	6.44886E-09
Rt3	W08	3	DMND	3	DmdSATR	No_VFD_Chill	2.54336E-05	0	5.31032E-09
Rt3	W09	3	DMND	3	DmdSATR	No_VFD_Chill	2.79086E-05	0	6.63833E-09
Rt3	W10	3	DMND	3	DmdSATR	No_VFD_Chill	2.41704E-05	0	5.87874E-09
Rt3	W11	3	DMND	3	DmdSATR	No_VFD_Chill	1.98689E-05	0	3.22443E-09
Rt3	W12	3	DMND	3	DmdSATR	No_VFD_Chill	2.26171E-05	0	6.25768E-09
Rt3	W13	3	DMND	3	DmdSATR	No_VFD_Chill	2.48532E-05	0	4.7402E-09
Rt3	W14	3	DMND	3	DmdSATR	No_VFD_Chill	1.97153E-05	0	-5.68415E-10
Rt3	W15	3	DMND	3	DmdSATR	No_VFD_Chill	2.73112E-05	0	1.13683E-09
Rt3	W16	3	DMND	3	DmdSATR	No_VFD_Chill	1.66428E-05	0	4.74191E-09
Rt3	W01	3	DMND	9	NoSATR	No_VFD_Chill	3.38147E-05	0	8.53475E-09
Rt3	W02	3	DMND	9	NoSATR	No_VFD_Chill	4.46368E-05	0	7.77687E-09
Rt3	W03	3	DMND	9	NoSATR	No_VFD_Chill	4.94504E-05	0	9.10488E-09
Rt3	W04	3	DMND	9	NoSATR	No_VFD_Chill	6.12454E-05	0	1.19487E-08
Rt3	W05	3	DMND	9	NoSATR	No_VFD_Chill	4.84774E-05	0	1.15697E-08
Rt3	W06	3	DMND	9	NoSATR	No_VFD_Chill	5.94702E-05	0	1.17592E-08
Rt3	W07	3	DMND	9	NoSATR	No_VFD_Chill	6.58542E-05	0	1.04312E-08
Rt3	W08	3	DMND	9	NoSATR	No_VFD_Chill	5.86338E-05	0	7.39622E-09
Rt3	W09	3	DMND	9	NoSATR	No_VFD_Chill	6.45398E-05	0	9.67329E-09
Rt3	W10	3	DMND	9	NoSATR	No_VFD_Chill	5.67049E-05	0	7.01727E-09
Rt3	W11	3	DMND	9	NoSATR	No_VFD_Chill	4.76239E-05	0	4.17349E-09
Rt3	W12	3	DMND	9	NoSATR	No_VFD_Chill	5.353E-05	0	7.96634E-09
Rt3	W13	3	DMND	9	NoSATR	No_VFD_Chill	5.3786E-05	0	5.12085E-09
Rt3	W14	3	DMND	9	NoSATR	No_VFD_Chill	4.39711E-05	0	1.89472E-10
Rt3	W15	3	DMND	9	NoSATR	No_VFD_Chill	5.54418E-05	0	3.78943E-10
Rt3	W16	3	DMND	9	NoSATR	No_VFD_Chill	3.7826E-05	0	5.68927E-09
Rt3	W01	3	DMND	9	OATSATR	No_VFD_Chill	2.45289E-05	0	7.39622E-09
Rt3	W02	3	DMND	9	OATSATR	No_VFD_Chill	3.79455E-05	0	7.77516E-09
Rt3	W03	3	DMND	9	OATSATR	No_VFD_Chill	4.08644E-05	0	9.29435E-09
Rt3	W04	3	DMND	9	OATSATR	No_VFD_Chill	5.36836E-05	0	1.17592E-08
Rt3	W05	3	DMND	9	OATSATR	No_VFD_Chill	4.18032E-05	0	1.1568E-08
Rt3	W06	3	DMND	9	OATSATR	No_VFD_Chill	5.31032E-05	0	1.17575E-08
Rt3	W07	3	DMND	9	OATSATR	No_VFD_Chill	6.1638E-05	0	1.04312E-08
Rt3	W08	3	DMND	9	OATSATR	No_VFD_Chill	5.46566E-05	0	7.39792E-09
Rt3	W09	3	DMND	9	OATSATR	No_VFD_Chill	5.77632E-05	0	9.67158E-09
Rt3	W10	3	DMND	9	OATSATR	No_VFD_Chill	5.14475E-05	0	7.01727E-09
Rt3	W11	3	DMND	9	OATSATR	No_VFD_Chill	4.15984E-05	0	3.98402E-09
Rt3	W12	3	DMND	9	OATSATR	No_VFD_Chill	4.57121E-05	0	7.77516E-09
Rt3	W13	3	DMND	9	OATSATR	No_VFD_Chill	4.8614E-05	0	5.31032E-09
Rt3	W14	3	DMND	9	OATSATR	No_VFD_Chill	3.96525E-05	0	0
Rt3	W15	3	DMND	9	OATSATR	No_VFD_Chill	5.16523E-05	0	3.78943E-10
Rt3	W16	3	DMND	9	OATSATR	No_VFD_Chill	3.36269E-05	0	5.68927E-09
Rt3	W01	3	DMND	9	DmdSATR	No_VFD_Chill	2.51092E-05	0	8.15581E-09
Rt3	W02	3	DMND	9	DmdSATR	No_VFD_Chill	3.82357E-05	0	7.77516E-09
Rt3	W03	3	DMND	9	DmdSATR	No_VFD_Chill	4.02499E-05	0	9.86276E-09
Rt3	W04	3	DMND	9	DmdSATR	No_VFD_Chill	5.20279E-05	0	1.15697E-08
Rt3	W05	3	DMND	9	DmdSATR	No_VFD_Chill	4.12058E-05	0	1.19487E-08
Rt3	W06	3	DMND	9	DmdSATR	No_VFD_Chill	5.23351E-05	0	1.21381E-08
Rt3	W07	3	DMND	9	DmdSATR	No_VFD_Chill	5.97774E-05	0	1.02417E-08
Rt3	W08	3	DMND	9	DmdSATR	No_VFD_Chill	5.25912E-05	0	7.20675E-09
Rt3	W09	3	DMND	9	DmdSATR	No_VFD_Chill	5.6722E-05	0	9.86276E-09

## CHWST Reset db

Rt3	W10	3	DMND	9	DmdSATR	No_VFD_Chill	5.04063E-05	0	6.8278E-09
Rt3	W11	3	DMND	9	DmdSATR	No_VFD_Chill	4.14277E-05	0	3.4139E-09
Rt3	W12	3	DMND	9	DmdSATR	No_VFD_Chill	4.78629E-05	0	8.1541E-09
Rt3	W13	3	DMND	9	DmdSATR	No_VFD_Chill	4.83238E-05	0	5.12085E-09
Rt3	W14	3	DMND	9	DmdSATR	No_VFD_Chill	3.91916E-05	0	-5.68415E-10
Rt3	W15	3	DMND	9	DmdSATR	No_VFD_Chill	5.11915E-05	0	1.13683E-09
Rt3	W16	3	DMND	9	DmdSATR	No_VFD_Chill	3.48901E-05	0	5.31032E-09
Rt3	W01	5	DMND	3	NoSATR	VFD_Chill	4.38516E-05	0	1.21398E-08
Rt3	W02	5	DMND	3	NoSATR	VFD_Chill	6.00335E-05	0	8.34528E-09
Rt3	W03	5	DMND	3	NoSATR	VFD_Chill	6.91827E-05	0	1.36556E-08
Rt3	W04	5	DMND	3	NoSATR	VFD_Chill	8.77373E-05	0	1.63099E-08
Rt3	W05	5	DMND	3	NoSATR	VFD_Chill	6.94217E-05	0	1.42257E-08
Rt3	W06	5	DMND	3	NoSATR	VFD_Chill	8.53305E-05	0	1.688E-08
Rt3	W07	5	DMND	3	NoSATR	VFD_Chill	9.94982E-05	0	1.70695E-08
Rt3	W08	5	DMND	3	NoSATR	VFD_Chill	9.02806E-05	0	1.17575E-08
Rt3	W09	5	DMND	3	NoSATR	VFD_Chill	9.82692E-05	0	1.47941E-08
Rt3	W10	5	DMND	3	NoSATR	VFD_Chill	8.26164E-05	0	1.00522E-08
Rt3	W11	5	DMND	3	NoSATR	VFD_Chill	6.43691E-05	0	4.36126E-09
Rt3	W12	5	DMND	3	NoSATR	VFD_Chill	7.52765E-05	0	1.2896E-08
Rt3	W13	5	DMND	3	NoSATR	VFD_Chill	7.88099E-05	0	6.63833E-09
Rt3	W14	5	DMND	3	NoSATR	VFD_Chill	5.64147E-05	0	-3.03496E-09
Rt3	W15	5	DMND	3	NoSATR	VFD_Chill	9.01953E-05	0	3.98232E-09
Rt3	W16	5	DMND	3	NoSATR	VFD_Chill	5.15328E-05	0	5.5015E-09
Rt3	W01	5	DMND	3	OATSATR	VFD_Chill	2.95132E-05	0	9.86105E-09
Rt3	W02	5	DMND	3	OATSATR	VFD_Chill	5.01161E-05	0	8.15581E-09
Rt3	W03	5	DMND	3	OATSATR	VFD_Chill	5.53052E-05	0	1.36556E-08
Rt3	W04	5	DMND	3	OATSATR	VFD_Chill	7.56521E-05	0	1.63099E-08
Rt3	W05	5	DMND	3	OATSATR	VFD_Chill	5.66537E-05	0	1.42257E-08
Rt3	W06	5	DMND	3	OATSATR	VFD_Chill	7.37061E-05	0	1.7259E-08
Rt3	W07	5	DMND	3	OATSATR	VFD_Chill	8.8659E-05	0	1.7259E-08
Rt3	W08	5	DMND	3	OATSATR	VFD_Chill	7.98512E-05	0	1.15697E-08
Rt3	W09	5	DMND	3	OATSATR	VFD_Chill	8.71228E-05	0	1.47941E-08
Rt3	W10	5	DMND	3	OATSATR	VFD_Chill	7.30746E-05	0	1.02417E-08
Rt3	W11	5	DMND	3	OATSATR	VFD_Chill	5.57319E-05	0	4.36297E-09
Rt3	W12	5	DMND	3	OATSATR	VFD_Chill	6.47617E-05	0	1.28977E-08
Rt3	W13	5	DMND	3	OATSATR	VFD_Chill	6.86023E-05	0	6.63833E-09
Rt3	W14	5	DMND	3	OATSATR	VFD_Chill	4.92455E-05	0	-3.03496E-09
Rt3	W15	5	DMND	3	OATSATR	VFD_Chill	8.25481E-05	0	3.98232E-09
Rt3	W16	5	DMND	3	OATSATR	VFD_Chill	4.40564E-05	0	5.31032E-09
Rt3	W01	5	DMND	3	DmdSATR	VFD_Chill	3.00082E-05	0	1.09996E-08
Rt3	W02	5	DMND	3	DmdSATR	VFD_Chill	4.86822E-05	0	7.96634E-09
Rt3	W03	5	DMND	3	DmdSATR	VFD_Chill	5.24205E-05	0	1.38451E-08
Rt3	W04	5	DMND	3	DmdSATR	VFD_Chill	7.33477E-05	0	1.63099E-08
Rt3	W05	5	DMND	3	DmdSATR	VFD_Chill	5.39738E-05	0	1.4224E-08
Rt3	W06	5	DMND	3	DmdSATR	VFD_Chill	6.98826E-05	0	1.7259E-08
Rt3	W07	5	DMND	3	DmdSATR	VFD_Chill	8.32821E-05	0	1.80169E-08
Rt3	W08	5	DMND	3	DmdSATR	VFD_Chill	7.71371E-05	0	1.13785E-08
Rt3	W09	5	DMND	3	DmdSATR	VFD_Chill	8.3487E-05	0	1.47941E-08
Rt3	W10	5	DMND	3	DmdSATR	VFD_Chill	7.01386E-05	0	9.10488E-09
Rt3	W11	5	DMND	3	DmdSATR	VFD_Chill	5.37689E-05	0	4.17179E-09
Rt3	W12	5	DMND	3	DmdSATR	VFD_Chill	6.29694E-05	0	1.30872E-08
Rt3	W13	5	DMND	3	DmdSATR	VFD_Chill	6.70661E-05	0	6.63833E-09
Rt3	W14	5	DMND	3	DmdSATR	VFD_Chill	4.70948E-05	0	-2.84549E-09
Rt3	W15	5	DMND	3	DmdSATR	VFD_Chill	8.05169E-05	0	5.12085E-09
Rt3	W16	5	DMND	3	DmdSATR	VFD_Chill	4.33224E-05	0	4.55244E-09
Rt3	W01	5	DMND	9	NoSATR	VFD_Chill	0.000102007	0	2.78813E-08
Rt3	W02	5	DMND	9	NoSATR	VFD_Chill	0.000132374	0	9.86276E-09
Rt3	W03	5	DMND	9	NoSATR	VFD_Chill	0.000154769	0	1.688E-08
Rt3	W04	5	DMND	9	NoSATR	VFD_Chill	0.000181261	0	2.82586E-08
Rt3	W05	5	DMND	9	NoSATR	VFD_Chill	0.000157432	0	2.97778E-08
Rt3	W06	5	DMND	9	NoSATR	VFD_Chill	0.000185785	0	3.18636E-08
Rt3	W07	5	DMND	9	NoSATR	VFD_Chill	0.00020748	0	2.38973E-08
Rt3	W08	5	DMND	9	NoSATR	VFD_Chill	0.000188891	0	1.34644E-08
Rt3	W09	5	DMND	9	NoSATR	VFD_Chill	0.000202956	0	2.08641E-08
Rt3	W10	5	DMND	9	NoSATR	VFD_Chill	0.000171856	0	1.02417E-08
Rt3	W11	5	DMND	9	NoSATR	VFD_Chill	0.000136624	0	4.36126E-09
Rt3	W12	5	DMND	9	NoSATR	VFD_Chill	0.000157227	0	1.47941E-08
Rt3	W13	5	DMND	9	NoSATR	VFD_Chill	0.00015622	0	7.96634E-09
Rt3	W14	5	DMND	9	NoSATR	VFD_Chill	0.000121057	0	-3.03496E-09
Rt3	W15	5	DMND	9	NoSATR	VFD_Chill	0.000171395	0	3.98232E-09
Rt3	W16	5	DMND	9	NoSATR	VFD_Chill	0.000113973	0	5.5015E-09
Rt3	W01	5	DMND	9	OATSATR	VFD_Chill	7.00191E-05	0	2.33272E-08
Rt3	W02	5	DMND	9	OATSATR	VFD_Chill	0.00010974	0	9.86276E-09
Rt3	W03	5	DMND	9	OATSATR	VFD_Chill	0.000125358	0	1.70695E-08
Rt3	W04	5	DMND	9	OATSATR	VFD_Chill	0.000158251	0	2.80691E-08
Rt3	W05	5	DMND	9	OATSATR	VFD_Chill	0.000129745	0	2.95883E-08
Rt3	W06	5	DMND	9	OATSATR	VFD_Chill	0.00016397	0	3.39495E-08
Rt3	W07	5	DMND	9	OATSATR	VFD_Chill	0.000190462	0	2.40868E-08
Rt3	W08	5	DMND	9	OATSATR	VFD_Chill	0.000170507	0	1.32767E-08
Rt3	W09	5	DMND	9	OATSATR	VFD_Chill	0.0001801	0	2.06729E-08
Rt3	W10	5	DMND	9	OATSATR	VFD_Chill	0.000152021	0	1.02417E-08
Rt3	W11	5	DMND	9	OATSATR	VFD_Chill	0.000117984	0	4.36297E-09
Rt3	W12	5	DMND	9	OATSATR	VFD_Chill	0.00013461	0	1.47941E-08
Rt3	W13	5	DMND	9	OATSATR	VFD_Chill	0.000134849	0	7.96634E-09
Rt3	W14	5	DMND	9	OATSATR	VFD_Chill	0.000105558	0	-3.03496E-09
Rt3	W15	5	DMND	9	OATSATR	VFD_Chill	0.000155623	0	3.98232E-09
Rt3	W16	5	DMND	9	OATSATR	VFD_Chill	9.69889E-05	0	5.31032E-09
Rt3	W01	5	DMND	9	DmdSATR	VFD_Chill	7.14359E-05	0	2.67428E-08
Rt3	W02	5	DMND	9	DmdSATR	VFD_Chill	0.000109177	0	9.67329E-09
Rt3	W03	5	DMND	9	DmdSATR	VFD_Chill	0.000121432	0	2.01045E-08
Rt3	W04	5	DMND	9	DmdSATR	VFD_Chill	0.000154889	0	2.73112E-08
Rt3	W05	5	DMND	9	DmdSATR	VFD_Chill	0.000126895	0	3.11041E-08
Rt3	W06	5	DMND	9	DmdSATR	VFD_Chill	0.000158473	0	3.4518E-08
Rt3	W07	5	DMND	9	DmdSATR	VFD_Chill	0.00018051	0	2.48447E-08
Rt3	W08	5	DMND	9	DmdSATR	VFD_Chill	0.000165779	0	1.27065E-08
Rt3	W09	5	DMND	9	DmdSATR	VFD_Chill	0.000176413	0	2.06729E-08
Rt3	W10	5	DMND	9	DmdSATR	VFD_Chill	0.000148351	0	9.29435E-09
Rt3	W11	5	DMND	9	DmdSATR	VFD_Chill	0.000115253	0	3.98232E-09

## CHWST Reset db

Rt3	W12	5	DMND	9	DmdSATR	VFD_Chill	0.000133603	0	1.53626E-08
Rt3	W13	5	DMND	9	DmdSATR	VFD_Chill	0.000133825	0	8.34528E-09
Rt3	W14	5	DMND	9	DmdSATR	VFD_Chill	0.000102298	0	-2.84549E-09
Rt3	W15	5	DMND	9	DmdSATR	VFD_Chill	0.000155998	0	5.12085E-09
Rt3	W16	5	DMND	9	DmdSATR	VFD_Chill	9.71767E-05	0	4.55244E-09
Rt3	W01	5	DMND	3	NoSATR	No_VFD_Chill	1.29899E-05	0	3.22443E-09
Rt3	W02	5	DMND	3	NoSATR	No_VFD_Chill	1.68817E-05	0	2.08589E-09
Rt3	W03	5	DMND	3	NoSATR	No_VFD_Chill	1.92373E-05	0	3.4139E-09
Rt3	W04	5	DMND	3	NoSATR	No_VFD_Chill	2.35218E-05	0	3.03325E-09
Rt3	W05	5	DMND	3	NoSATR	No_VFD_Chill	1.89472E-05	0	3.79284E-09
Rt3	W06	5	DMND	3	NoSATR	No_VFD_Chill	2.26854E-05	0	3.98232E-09
Rt3	W07	5	DMND	3	NoSATR	No_VFD_Chill	2.57067E-05	0	3.4139E-09
Rt3	W08	5	DMND	3	NoSATR	No_VFD_Chill	2.37778E-05	0	3.03496E-09
Rt3	W09	5	DMND	3	NoSATR	No_VFD_Chill	2.52629E-05	0	3.22443E-09
Rt3	W10	5	DMND	3	NoSATR	No_VFD_Chill	2.17295E-05	0	2.27707E-09
Rt3	W11	5	DMND	3	NoSATR	No_VFD_Chill	1.79571E-05	0	1.13854E-09
Rt3	W12	5	DMND	3	NoSATR	No_VFD_Chill	2.02444E-05	0	2.46484E-09
Rt3	W13	5	DMND	3	NoSATR	No_VFD_Chill	2.07224E-05	0	1.51748E-09
Rt3	W14	5	DMND	3	NoSATR	No_VFD_Chill	1.57722E-05	0	-5.70122E-10
Rt3	W15	5	DMND	3	NoSATR	No_VFD_Chill	2.30268E-05	0	9.49065E-10
Rt3	W16	5	DMND	3	NoSATR	No_VFD_Chill	1.50041E-05	0	1.13854E-09
Rt3	W01	5	DMND	3	OATSATR	No_VFD_Chill	9.28581E-06	0	2.65431E-09
Rt3	W02	5	DMND	3	OATSATR	No_VFD_Chill	1.45944E-05	0	2.08589E-09
Rt3	W03	5	DMND	3	OATSATR	No_VFD_Chill	1.60453E-05	0	3.4139E-09
Rt3	W04	5	DMND	3	OATSATR	No_VFD_Chill	2.05688E-05	0	3.03325E-09
Rt3	W05	5	DMND	3	OATSATR	No_VFD_Chill	1.61819E-05	0	3.79455E-09
Rt3	W06	5	DMND	3	OATSATR	No_VFD_Chill	2.0381E-05	0	4.17179E-09
Rt3	W07	5	DMND	3	OATSATR	No_VFD_Chill	2.35901E-05	0	3.60337E-09
Rt3	W08	5	DMND	3	OATSATR	No_VFD_Chill	2.10638E-05	0	3.03496E-09
Rt3	W09	5	DMND	3	OATSATR	No_VFD_Chill	2.28902E-05	0	3.22272E-09
Rt3	W10	5	DMND	3	OATSATR	No_VFD_Chill	1.95617E-05	0	2.27537E-09
Rt3	W11	5	DMND	3	OATSATR	No_VFD_Chill	1.5465E-05	0	1.13683E-09
Rt3	W12	5	DMND	3	OATSATR	No_VFD_Chill	1.73426E-05	0	2.27707E-09
Rt3	W13	5	DMND	3	OATSATR	No_VFD_Chill	1.78718E-05	0	1.51748E-09
Rt3	W14	5	DMND	3	OATSATR	No_VFD_Chill	1.38092E-05	0	-7.59593E-10
Rt3	W15	5	DMND	3	OATSATR	No_VFD_Chill	2.09955E-05	0	9.49065E-10
Rt3	W16	5	DMND	3	OATSATR	No_VFD_Chill	1.29899E-05	0	1.13854E-09
Rt3	W01	5	DMND	3	DmdSATR	No_VFD_Chill	9.88324E-06	0	3.03496E-09
Rt3	W02	5	DMND	3	DmdSATR	No_VFD_Chill	1.42189E-05	0	1.89642E-09
Rt3	W03	5	DMND	3	DmdSATR	No_VFD_Chill	1.53284E-05	0	3.79284E-09
Rt3	W04	5	DMND	3	DmdSATR	No_VFD_Chill	2.05005E-05	0	3.03325E-09
Rt3	W05	5	DMND	3	DmdSATR	No_VFD_Chill	1.55503E-05	0	3.98232E-09
Rt3	W06	5	DMND	3	DmdSATR	No_VFD_Chill	1.93568E-05	0	4.36297E-09
Rt3	W07	5	DMND	3	DmdSATR	No_VFD_Chill	2.26E-05	0	4.17179E-09
Rt3	W08	5	DMND	3	DmdSATR	No_VFD_Chill	2.1115E-05	0	2.84549E-09
Rt3	W09	5	DMND	3	DmdSATR	No_VFD_Chill	2.20026E-05	0	3.22443E-09
Rt3	W10	5	DMND	3	DmdSATR	No_VFD_Chill	1.90837E-05	0	1.89642E-09
Rt3	W11	5	DMND	3	DmdSATR	No_VFD_Chill	1.53796E-05	0	9.47358E-10
Rt3	W12	5	DMND	3	DmdSATR	No_VFD_Chill	1.73938E-05	0	2.65602E-09
Rt3	W13	5	DMND	3	DmdSATR	No_VFD_Chill	1.80766E-05	0	1.51577E-09
Rt3	W14	5	DMND	3	DmdSATR	No_VFD_Chill	1.38604E-05	0	-3.8065E-10
Rt3	W15	5	DMND	3	DmdSATR	No_VFD_Chill	2.10638E-05	0	1.32801E-09
Rt3	W16	5	DMND	3	DmdSATR	No_VFD_Chill	1.28533E-05	0	9.47358E-10
Rt3	W01	5	DMND	9	NoSATR	No_VFD_Chill	2.88645E-05	0	6.25939E-09
Rt3	W02	5	DMND	9	NoSATR	No_VFD_Chill	3.47706E-05	0	2.08589E-09
Rt3	W03	5	DMND	9	NoSATR	No_VFD_Chill	4.06425E-05	0	3.79284E-09
Rt3	W04	5	DMND	9	NoSATR	No_VFD_Chill	4.63437E-05	0	5.31032E-09
Rt3	W05	5	DMND	9	NoSATR	No_VFD_Chill	4.04035E-05	0	6.8278E-09
Rt3	W06	5	DMND	9	NoSATR	No_VFD_Chill	4.55585E-05	0	6.63833E-09
Rt3	W07	5	DMND	9	NoSATR	No_VFD_Chill	5.06794E-05	0	4.55244E-09
Rt3	W08	5	DMND	9	NoSATR	No_VFD_Chill	4.64291E-05	0	3.22443E-09
Rt3	W09	5	DMND	9	NoSATR	No_VFD_Chill	4.93992E-05	0	5.12085E-09
Rt3	W10	5	DMND	9	NoSATR	No_VFD_Chill	4.21788E-05	0	2.27707E-09
Rt3	W11	5	DMND	9	NoSATR	No_VFD_Chill	3.57948E-05	0	1.13854E-09
Rt3	W12	5	DMND	9	NoSATR	No_VFD_Chill	4.0028E-05	0	2.65431E-09
Rt3	W13	5	DMND	9	NoSATR	No_VFD_Chill	3.91062E-05	0	1.89642E-09
Rt3	W14	5	DMND	9	NoSATR	No_VFD_Chill	3.16127E-05	0	-5.70122E-10
Rt3	W15	5	DMND	9	NoSATR	No_VFD_Chill	4.19227E-05	0	9.49065E-10
Rt3	W16	5	DMND	9	NoSATR	No_VFD_Chill	3.24662E-05	0	9.49065E-10
Rt3	W01	5	DMND	9	OATSATR	No_VFD_Chill	2.19002E-05	0	5.4998E-09
Rt3	W02	5	DMND	9	OATSATR	No_VFD_Chill	2.9718E-05	0	2.08589E-09
Rt3	W03	5	DMND	9	OATSATR	No_VFD_Chill	3.47706E-05	0	3.98232E-09
Rt3	W04	5	DMND	9	OATSATR	No_VFD_Chill	4.13936E-05	0	5.31032E-09
Rt3	W05	5	DMND	9	OATSATR	No_VFD_Chill	3.49071E-05	0	6.8278E-09
Rt3	W06	5	DMND	9	OATSATR	No_VFD_Chill	4.19227E-05	0	7.39622E-09
Rt3	W07	5	DMND	9	OATSATR	No_VFD_Chill	4.87164E-05	0	4.74191E-09
Rt3	W08	5	DMND	9	OATSATR	No_VFD_Chill	4.31005E-05	0	3.22443E-09
Rt3	W09	5	DMND	9	OATSATR	No_VFD_Chill	4.4688E-05	0	5.12085E-09
Rt3	W10	5	DMND	9	OATSATR	No_VFD_Chill	3.86112E-05	0	2.27537E-09
Rt3	W11	5	DMND	9	OATSATR	No_VFD_Chill	3.10494E-05	0	1.13683E-09
Rt3	W12	5	DMND	9	OATSATR	No_VFD_Chill	3.43609E-05	0	2.46654E-09
Rt3	W13	5	DMND	9	OATSATR	No_VFD_Chill	3.42244E-05	0	1.70695E-09
Rt3	W14	5	DMND	9	OATSATR	No_VFD_Chill	2.80281E-05	0	-7.59593E-10
Rt3	W15	5	DMND	9	OATSATR	No_VFD_Chill	3.84747E-05	0	9.49065E-10
Rt3	W16	5	DMND	9	OATSATR	No_VFD_Chill	2.77379E-05	0	9.49065E-10
Rt3	W01	5	DMND	9	DmdSATR	No_VFD_Chill	2.29414E-05	0	7.01727E-09
Rt3	W02	5	DMND	9	DmdSATR	No_VFD_Chill	3.01106E-05	0	2.0876E-09
Rt3	W03	5	DMND	9	DmdSATR	No_VFD_Chill	3.40366E-05	0	4.92967E-09
Rt3	W04	5	DMND	9	DmdSATR	No_VFD_Chill	4.13082E-05	0	5.4998E-09
Rt3	W05	5	DMND	9	DmdSATR	No_VFD_Chill	3.50266E-05	0	7.58569E-09
Rt3	W06	5	DMND	9	DmdSATR	No_VFD_Chill	4.14789E-05	0	7.77687E-09
Rt3	W07	5	DMND	9	DmdSATR	No_VFD_Chill	4.69924E-05	0	5.4998E-09
Rt3	W08	5	DMND	9	DmdSATR	No_VFD_Chill	4.2981E-05	0	3.22443E-09
Rt3	W09	5	DMND	9	DmdSATR	No_VFD_Chill	4.4449E-05	0	5.12085E-09
Rt3	W10	5	DMND	9	DmdSATR	No_VFD_Chill	3.8321E-05	0	1.89642E-09
Rt3	W11	5	DMND	9	DmdSATR	No_VFD_Chill	3.12884E-05	0	9.47358E-10
Rt3	W12	5	DMND	9	DmdSATR	No_VFD_Chill	3.50949E-05	0	3.03496E-09
Rt3	W13	5	DMND	9	DmdSATR	No_VFD_Chill	3.50778E-05	0	2.08589E-09



CHWST Reset db

Rt3	W14	5 DMND	9 DmdSATR	No_VFD_Chill	2.82159E-05	0	-3.8065E-10
Rt3	W15	5 DMND	9 DmdSATR	No_VFD_Chill	3.94988E-05	0	1.32801E-09
Rt3	W16	5 DMND	9 DmdSATR	No_VFD_Chill	2.80281E-05	0	9.47358E-10

### D3. Pre-Calculated Savings Values: Adjust Zone Temperature Deadband

## Zone Temp Deadband db

### Pre-Calc'd Values

#### Inputs

#### Outputs

Building Type	Climate Zone	Building Vintage	Setpoint	Boiler Eff	Min Flow Rate	kWh/hr-ft2	therms/hr-ft2	kW/hr-ft2
Eun	W01	75	70	0.8	0.2	0.000200118	3.02811E-06	0.000449743
Eun	W02	75	70	0.8	0.2	0.000228619	2.93195E-06	0.000569186
Eun	W03	75	70	0.8	0.2	0.000238523	2.05588E-06	0.000527521
Eun	W04	75	70	0.8	0.2	0.000256459	2.60288E-06	0.000581411
Eun	W05	75	70	0.8	0.2	0.000252947	2.16844E-06	0.000617938
Eun	W06	75	70	0.8	0.2	0.000282773	1.64188E-06	0.000621
Eun	W07	75	70	0.8	0.2	0.000290805	1.67484E-06	0.000572248
Eun	W08	75	70	0.8	0.2	0.000294058	1.59668E-06	0.000469882
Eun	W09	75	70	0.8	0.2	0.000283233	1.94302E-06	0.000551685
Eun	W10	75	70	0.8	0.2	0.000283118	1.89724E-06	0.00049002
Eun	W11	75	70	0.8	0.2	0.000246498	2.77332E-06	0.000503345
Eun	W12	75	70	0.8	0.2	0.000239387	2.71833E-06	0.000626138
Eun	W13	75	70	0.8	0.2	0.000274021	2.32218E-06	0.000638226
Eun	W14	75	70	0.8	0.2	0.000264463	2.69961E-06	0.000475844
Eun	W15	75	70	0.8	0.2	0.000331831	1.35755E-06	0.00042293
Eun	W16	75	70	0.8	0.2	0.000175675	5.90679E-06	0.000542097
Eun	W01	75	70	0.8	0.3	0.000200463	4.38669E-06	0.000455993
Eun	W02	75	70	0.8	0.3	0.000237515	4.91959E-06	0.000593224
Eun	W03	75	70	0.8	0.3	0.000245029	3.28145E-06	0.000549472
Eun	W04	75	70	0.8	0.3	0.000265441	4.32307E-06	0.000607525
Eun	W05	75	70	0.8	0.3	0.000261152	3.33759E-06	0.000648364
Eun	W06	75	70	0.8	0.3	0.000287379	2.78627E-06	0.000640576
Eun	W07	75	70	0.8	0.3	0.000297974	2.95147E-06	0.000582524
Eun	W08	75	70	0.8	0.3	0.000301717	2.95354E-06	0.000498083
Eun	W09	75	70	0.8	0.3	0.00029092	4.00724E-06	0.000575998
Eun	W10	75	70	0.8	0.3	0.000293022	4.0084E-06	0.000512946
Eun	W11	75	70	0.8	0.3	0.000246872	4.58275E-06	0.000530571
Eun	W12	75	70	0.8	0.3	0.000236623	4.69359E-06	0.000652251
Eun	W13	75	70	0.8	0.3	0.00027998	3.89352E-06	0.000668227
Eun	W14	75	70	0.8	0.3	0.000268176	4.21453E-06	0.00050127
Eun	W15	75	70	0.8	0.3	0.000338625	2.30545E-06	0.000438493
Eun	W16	75	70	0.8	0.3	0.00016223	7.69463E-06	0.000575861
Eun	W01	75	70	0.8	0.4	0.000197498	7.44675E-06	0.000469607
Eun	W02	75	70	0.8	0.4	0.000245231	8.43626E-06	0.000612937
Eun	W03	75	70	0.8	0.4	0.000241891	6.12818E-06	0.000576136
Eun	W04	75	70	0.8	0.4	0.000265557	7.22565E-06	0.000632388
Eun	W05	75	70	0.8	0.4	0.000256776	6.17022E-06	0.000685028
Eun	W06	75	70	0.8	0.4	0.000280758	5.15912E-06	0.00067114
Eun	W07	75	70	0.8	0.4	0.00029213	5.26541E-06	0.000595587
Eun	W08	75	70	0.8	0.4	0.000298233	5.18762E-06	0.000529871
Eun	W09	75	70	0.8	0.4	0.000287725	7.16922E-06	0.000601824
Eun	W10	75	70	0.8	0.4	0.000291352	6.95301E-06	0.000542934
Eun	W11	75	70	0.8	0.4	0.000259482	7.9975E-06	0.00055711
Eun	W12	75	70	0.8	0.4	0.000246699	8.19989E-06	0.000675715
Eun	W13	75	70	0.8	0.4	0.000283032	7.26077E-06	0.000691691
Eun	W14	75	70	0.8	0.4	0.000272207	7.22104E-06	0.000523496
Eun	W15	75	70	0.8	0.4	0.000339517	4.1433E-06	0.000455018
Eun	W16	75	70	0.8	0.4	0.000177978	1.03701E-05	0.000614462
Eun	W01	75	70	0.94	0.2	0.000200118	2.5787E-06	0.000449743
Eun	W02	75	70	0.94	0.2	0.000228619	2.49665E-06	0.000569186
Eun	W03	75	70	0.94	0.2	0.000238523	1.75128E-06	0.000527521
Eun	W04	75	70	0.94	0.2	0.000256459	2.21652E-06	0.000581411
Eun	W05	75	70	0.94	0.2	0.000252947	1.84686E-06	0.000617938
Eun	W06	75	70	0.94	0.2	0.000282773	1.39898E-06	0.000621
Eun	W07	75	70	0.94	0.2	0.000290805	1.42682E-06	0.000572248
Eun	W08	75	70	0.94	0.2	0.000294058	1.36017E-06	0.000469882
Eun	W09	75	70	0.94	0.2	0.000283233	1.65501E-06	0.000551685
Eun	W10	75	70	0.94	0.2	0.000283118	1.61626E-06	0.00049002
Eun	W11	75	70	0.94	0.2	0.000246498	2.36162E-06	0.000503345
Eun	W12	75	70	0.94	0.2	0.000239387	2.31498E-06	0.000626138
Eun	W13	75	70	0.94	0.2	0.000274021	1.97757E-06	0.000638226
Eun	W14	75	70	0.94	0.2	0.000264463	2.29886E-06	0.000475844
Eun	W15	75	70	0.94	0.2	0.000331831	1.15657E-06	0.00042293
Eun	W16	75	70	0.94	0.2	0.000175675	5.02842E-06	0.000542097
Eun	W01	75	70	0.94	0.3	0.000200463	3.73489E-06	0.000455993
Eun	W02	75	70	0.94	0.3	0.000237515	4.18833E-06	0.000593224
Eun	W03	75	70	0.94	0.3	0.000245029	2.79433E-06	0.000549472
Eun	W04	75	70	0.94	0.3	0.000265441	3.68048E-06	0.000607525

## Zone Deadband db

Eun	W05	75	70	0.94	0.3	0.000261152	2.84184E-06	0.000648364
Eun	W06	75	70	0.94	0.3	0.000287379	2.37248E-06	0.000640576
Eun	W07	75	70	0.94	0.3	0.000297974	2.51332E-06	0.000582524
Eun	W08	75	70	0.94	0.3	0.000301717	2.51493E-06	0.000498083
Eun	W09	75	70	0.94	0.3	0.00029092	3.41181E-06	0.000575998
Eun	W10	75	70	0.94	0.3	0.000293022	3.41274E-06	0.000512946
Eun	W11	75	70	0.94	0.3	0.000246872	3.90159E-06	0.000530571
Eun	W12	75	70	0.94	0.3	0.000236623	3.99573E-06	0.000652251
Eun	W13	75	70	0.94	0.3	0.00027998	3.31514E-06	0.000668227
Eun	W14	75	70	0.94	0.3	0.000268176	3.58835E-06	0.00050127
Eun	W15	75	70	0.94	0.3	0.000338625	1.96329E-06	0.000438493
Eun	W16	75	70	0.94	0.3	0.00016223	6.54995E-06	0.000575861
Eun	W01	75	70	0.94	0.4	0.000197498	6.33893E-06	0.000469607
Eun	W02	75	70	0.94	0.4	0.000245231	7.18103E-06	0.000612937
Eun	W03	75	70	0.94	0.4	0.000241891	5.21699E-06	0.000576136
Eun	W04	75	70	0.94	0.4	0.000265557	6.15093E-06	0.000632388
Eun	W05	75	70	0.94	0.4	0.000256776	5.25269E-06	0.000685028
Eun	W06	75	70	0.94	0.4	0.000280758	4.39202E-06	0.00067114
Eun	W07	75	70	0.94	0.4	0.00029213	4.48248E-06	0.000595587
Eun	W08	75	70	0.94	0.4	0.000298233	4.41629E-06	0.000529871
Eun	W09	75	70	0.94	0.4	0.000287725	6.10296E-06	0.000601824
Eun	W10	75	70	0.94	0.4	0.000291352	5.9186E-06	0.000542934
Eun	W11	75	70	0.94	0.4	0.000259482	6.80762E-06	0.00055711
Eun	W12	75	70	0.94	0.4	0.000246699	6.97979E-06	0.000675715
Eun	W13	75	70	0.94	0.4	0.000283032	6.18087E-06	0.000691691
Eun	W14	75	70	0.94	0.4	0.000272207	6.14661E-06	0.000523496
Eun	W15	75	70	0.94	0.4	0.000339517	3.52743E-06	0.000455018
Eun	W16	75	70	0.94	0.4	0.000177978	8.82694E-06	0.000614462
Eun	W01	85	70	0.8	0.2	0.000217679	3.90648E-06	0.000529884
Eun	W02	85	70	0.8	0.2	0.000235932	2.70364E-06	0.000624613
Eun	W03	85	70	0.8	0.2	0.000262534	1.55522E-06	0.000581836
Eun	W04	85	70	0.8	0.2	0.000265441	2.05962E-06	0.000599474
Eun	W05	85	70	0.8	0.2	0.000265902	1.69399E-06	0.000607675
Eun	W06	85	70	0.8	0.2	0.000300853	9.74907E-07	0.000663777
Eun	W07	85	70	0.8	0.2	0.000306006	1.05247E-06	0.000573486
Eun	W08	85	70	0.8	0.2	0.00029259	9.19343E-07	0.00055461
Eun	W09	85	70	0.8	0.2	0.000283694	1.40796E-06	0.000614187
Eun	W10	85	70	0.8	0.2	0.000275431	1.34002E-06	0.000605575
Eun	W11	85	70	0.8	0.2	0.000231585	2.22746E-06	0.0006242
Eun	W12	85	70	0.8	0.2	0.000229138	2.08812E-06	0.000706141
Eun	W13	85	70	0.8	0.2	0.00026953	1.67499E-06	0.00068489
Eun	W14	85	70	0.8	0.2	0.000268839	2.50183E-06	0.000630726
Eun	W15	85	70	0.8	0.2	0.000321351	1.01999E-06	0.000588224
Eun	W16	85	70	0.8	0.2	0.000182009	6.01677E-06	0.00061545
Eun	W01	85	70	0.8	0.3	0.000227381	4.62651E-06	0.000537797
Eun	W02	85	70	0.8	0.3	0.000242352	4.10743E-06	0.000630726
Eun	W03	85	70	0.8	0.3	0.000269616	2.44454E-06	0.000588911
Eun	W04	85	70	0.8	0.3	0.000274136	3.40467E-06	0.000615862
Eun	W05	85	70	0.8	0.3	0.000273848	2.71257E-06	0.000626275
Eun	W06	85	70	0.8	0.3	0.00030805	2.09405E-06	0.000679065
Eun	W07	85	70	0.8	0.3	0.000311937	2.15373E-06	0.000578636
Eun	W08	85	70	0.8	0.3	0.000300162	2.09687E-06	0.00056336
Eun	W09	85	70	0.8	0.3	0.000289193	2.6828E-06	0.000618638
Eun	W10	85	70	0.8	0.3	0.000284443	2.8262E-06	0.000609612
Eun	W11	85	70	0.8	0.3	0.000233312	3.43145E-06	0.000633226
Eun	W12	85	70	0.8	0.3	0.000235443	3.56705E-06	0.000711004
Eun	W13	85	70	0.8	0.3	0.00027523	2.85335E-06	0.000690303
Eun	W14	85	70	0.8	0.3	0.000273934	3.76915E-06	0.000639888
Eun	W15	85	70	0.8	0.3	0.000326188	1.87289E-06	0.000604887
Eun	W16	85	70	0.8	0.3	0.000167988	7.47785E-06	0.000625713
Eun	W01	85	70	0.8	0.4	0.000227439	6.19642E-06	0.000545985
Eun	W02	85	70	0.8	0.4	0.000244166	6.32799E-06	0.000629475
Eun	W03	85	70	0.8	0.4	0.000272696	3.96607E-06	0.000599887
Eun	W04	85	70	0.8	0.4	0.000278598	5.13811E-06	0.000636001
Eun	W05	85	70	0.8	0.4	0.000277648	4.3294E-06	0.000657389
Eun	W06	85	70	0.8	0.4	0.000308914	3.44317E-06	0.000698353
Eun	W07	85	70	0.8	0.4	0.00031234	3.64657E-06	0.000587811
Eun	W08	85	70	0.8	0.4	0.000302551	3.65952E-06	0.000577373
Eun	W09	85	70	0.8	0.4	0.000293051	4.76433E-06	0.0006278
Eun	W10	85	70	0.8	0.4	0.000291179	5.00098E-06	0.000617938
Eun	W11	85	70	0.8	0.4	0.000233715	5.4784E-06	0.000639601
Eun	W12	85	70	0.8	0.4	0.000231901	5.79624E-06	0.000716279
Eun	W13	85	70	0.8	0.4	0.000277245	4.85654E-06	0.000698491

## Zone Deadband db

Eun	W14	85	70	0.8	0.4	0.000277907	5.63415E-06	0.000643076
Eun	W15	85	70	0.8	0.4	0.00032708	3.23407E-06	0.000616137
Eun	W16	85	70	0.8	0.4	0.000170896	9.0846E-06	0.000644614
Eun	W01	85	70	0.94	0.2	0.000217679	3.32608E-06	0.000529884
Eun	W02	85	70	0.94	0.2	0.000235932	2.30232E-06	0.000624613
Eun	W03	85	70	0.94	0.2	0.000262534	1.3249E-06	0.000581836
Eun	W04	85	70	0.94	0.2	0.000265441	1.75416E-06	0.000599474
Eun	W05	85	70	0.94	0.2	0.000265902	1.44323E-06	0.000607675
Eun	W06	85	70	0.94	0.2	0.000300853	8.3116E-07	0.000663777
Eun	W07	85	70	0.94	0.2	0.000306006	8.97146E-07	0.000573486
Eun	W08	85	70	0.94	0.2	0.00029259	7.83772E-07	0.00055461
Eun	W09	85	70	0.94	0.2	0.000283694	1.1997E-06	0.000614187
Eun	W10	85	70	0.94	0.2	0.000275431	1.14169E-06	0.000605575
Eun	W11	85	70	0.94	0.2	0.000231585	1.89696E-06	0.0006242
Eun	W12	85	70	0.94	0.2	0.000229138	1.77863E-06	0.000706141
Eun	W13	85	70	0.94	0.2	0.00026953	1.42682E-06	0.00068489
Eun	W14	85	70	0.94	0.2	0.000268839	2.13044E-06	0.000630726
Eun	W15	85	70	0.94	0.2	0.000321351	8.69306E-07	0.000588224
Eun	W16	85	70	0.94	0.2	0.000182009	5.1217E-06	0.00061545
Eun	W01	85	70	0.94	0.3	0.000227381	3.93901E-06	0.000537797
Eun	W02	85	70	0.94	0.3	0.000242352	3.49709E-06	0.000630726
Eun	W03	85	70	0.94	0.3	0.000269616	2.08207E-06	0.000588911
Eun	W04	85	70	0.94	0.3	0.000274136	2.89913E-06	0.000615862
Eun	W05	85	70	0.94	0.3	0.000273848	2.3098E-06	0.000626275
Eun	W06	85	70	0.94	0.3	0.00030805	1.78358E-06	0.000679065
Eun	W07	85	70	0.94	0.3	0.000311937	1.83434E-06	0.000578636
Eun	W08	85	70	0.94	0.3	0.000300162	1.78589E-06	0.00056336
Eun	W09	85	70	0.94	0.3	0.000289193	2.28461E-06	0.000618638
Eun	W10	85	70	0.94	0.3	0.000284443	2.40653E-06	0.000609612
Eun	W11	85	70	0.94	0.3	0.000233312	2.92158E-06	0.000633226
Eun	W12	85	70	0.94	0.3	0.000235443	3.03732E-06	0.000711004
Eun	W13	85	70	0.94	0.3	0.00027523	2.42957E-06	0.000690303
Eun	W14	85	70	0.94	0.3	0.000273934	3.20919E-06	0.000639888
Eun	W15	85	70	0.94	0.3	0.000326188	1.59518E-06	0.000604887
Eun	W16	85	70	0.94	0.3	0.000167988	6.36512E-06	0.000625713
Eun	W01	85	70	0.94	0.4	0.000227439	5.27486E-06	0.000545985
Eun	W02	85	70	0.94	0.4	0.000244166	5.38656E-06	0.000629475
Eun	W03	85	70	0.94	0.4	0.000272696	3.37675E-06	0.000599887
Eun	W04	85	70	0.94	0.4	0.000278598	4.37431E-06	0.000636001
Eun	W05	85	70	0.94	0.4	0.000277648	3.68595E-06	0.000657389
Eun	W06	85	70	0.94	0.4	0.000308914	2.93172E-06	0.000698353
Eun	W07	85	70	0.94	0.4	0.00031234	3.10474E-06	0.000587811
Eun	W08	85	70	0.94	0.4	0.000302551	3.11571E-06	0.000577373
Eun	W09	85	70	0.94	0.4	0.000293051	4.05601E-06	0.0006278
Eun	W10	85	70	0.94	0.4	0.000291179	4.25725E-06	0.000617938
Eun	W11	85	70	0.94	0.4	0.000233715	4.66365E-06	0.000639601
Eun	W12	85	70	0.94	0.4	0.000231901	4.93456E-06	0.000716279
Eun	W13	85	70	0.94	0.4	0.000277245	4.13421E-06	0.000698491
Eun	W14	85	70	0.94	0.4	0.000277907	4.79637E-06	0.000643076
Eun	W15	85	70	0.94	0.4	0.00032708	2.75357E-06	0.000616137
Eun	W16	85	70	0.94	0.4	0.000170896	7.73292E-06	0.000644614
Eun	W01	96	70	0.8	0.2	0.000194331	6.25457E-06	0.000460856
Eun	W02	96	70	0.8	0.2	0.000203169	3.98133E-06	0.000568086
Eun	W03	96	70	0.8	0.2	0.000228591	2.85306E-06	0.000536272
Eun	W04	96	70	0.8	0.2	0.000227381	3.37214E-06	0.00049627
Eun	W05	96	70	0.8	0.2	0.000221105	2.84846E-06	0.000479882
Eun	W06	96	70	0.8	0.2	0.000260144	8.13541E-07	0.000594337
Eun	W07	96	70	0.8	0.2	0.000263023	7.8619E-07	0.000521271
Eun	W08	96	70	0.8	0.2	0.000242438	7.49685E-07	0.000492107
Eun	W09	96	70	0.8	0.2	0.000247851	1.2147E-06	0.00054461
Eun	W10	96	70	0.8	0.2	0.000228504	1.66739E-06	0.000558923
Eun	W11	96	70	0.8	0.2	0.000204522	3.31399E-06	0.000513633
Eun	W12	96	70	0.8	0.2	0.000201615	3.57137E-06	0.000592812
Eun	W13	96	70	0.8	0.2	0.000218601	2.61468E-06	0.000534884
Eun	W14	96	70	0.8	0.2	0.000209071	3.61484E-06	0.000528771
Eun	W15	96	70	0.8	0.2	0.000257236	1.05192E-06	0.000481557
Eun	W16	96	70	0.8	0.2	0.000157912	7.81728E-06	0.000529884
Eun	W01	96	70	0.8	0.3	0.00019983	7.24523E-06	0.000470444
Eun	W02	96	70	0.8	0.3	0.000216585	5.47034E-06	0.000566685
Eun	W03	96	70	0.8	0.3	0.000239099	3.937E-06	0.000542934
Eun	W04	96	70	0.8	0.3	0.000238897	4.64177E-06	0.000514471
Eun	W05	96	70	0.8	0.3	0.000230606	4.09592E-06	0.000503208
Eun	W06	96	70	0.8	0.3	0.00026357	1.66554E-06	0.000608912

## Zone Deadband db

Eun	W07	96	70	0.8	0.3	0.00026858	1.71725E-06	0.000529471
Eun	W08	96	70	0.8	0.3	0.000248772	1.73611E-06	0.00050057
Eun	W09	96	70	0.8	0.3	0.000254473	2.54101E-06	0.00055211
Eun	W10	96	70	0.8	0.3	0.000236421	3.173E-06	0.000560573
Eun	W11	96	70	0.8	0.3	0.000210251	4.56317E-06	0.000516408
Eun	W12	96	70	0.8	0.3	0.000213303	5.0644E-06	0.000593349
Eun	W13	96	70	0.8	0.3	0.0002279	3.64766E-06	0.000534047
Eun	W14	96	70	0.8	0.3	0.00021837	4.80127E-06	0.000530709
Eun	W15	96	70	0.8	0.3	0.000260576	1.80834E-06	0.000494608
Eun	W16	96	70	0.8	0.3	0.000174811	8.49902E-06	0.000545297
Eun	W01	96	70	0.8	0.4	0.000197181	8.57848E-06	0.000477094
Eun	W02	96	70	0.8	0.4	0.000215722	7.53312E-06	0.000573073
Eun	W03	96	70	0.8	0.4	0.000236479	5.49337E-06	0.00055266
Eun	W04	96	70	0.8	0.4	0.000235385	6.60149E-06	0.000537384
Eun	W05	96	70	0.8	0.4	0.00022885	5.8495E-06	0.000534184
Eun	W06	96	70	0.8	0.4	0.000263023	3.13088E-06	0.0006296
Eun	W07	96	70	0.8	0.4	0.000267601	3.45811E-06	0.000540997
Eun	W08	96	70	0.8	0.4	0.000247678	3.41469E-06	0.000511271
Eun	W09	96	70	0.8	0.4	0.000254329	4.7326E-06	0.000565298
Eun	W10	96	70	0.8	0.4	0.00023622	5.59497E-06	0.00056766
Eun	W11	96	70	0.8	0.4	0.000205991	6.48633E-06	0.000521684
Eun	W12	96	70	0.8	0.4	0.000208582	7.20953E-06	0.000597799
Eun	W13	96	70	0.8	0.4	0.000224071	5.62724E-06	0.000536409
Eun	W14	96	70	0.8	0.4	0.000216585	6.72874E-06	0.000538072
Eun	W15	96	70	0.8	0.4	0.000259223	3.15665E-06	0.000506421
Eun	W16	96	70	0.8	0.4	0.000157681	9.90569E-06	0.000561273
Eun	W01	96	70	0.94	0.2	0.000194331	5.32438E-06	0.000460856
Eun	W02	96	70	0.94	0.2	0.000203169	3.3897E-06	0.000568086
Eun	W03	96	70	0.94	0.2	0.000228591	2.42985E-06	0.000536272
Eun	W04	96	70	0.94	0.2	0.000227381	2.87132E-06	0.00049627
Eun	W05	96	70	0.94	0.2	0.000221105	2.42579E-06	0.000479882
Eun	W06	96	70	0.94	0.2	0.000260144	6.9389E-07	0.000594337
Eun	W07	96	70	0.94	0.2	0.000263023	6.70628E-07	0.000521271
Eun	W08	96	70	0.94	0.2	0.000242438	6.3942E-07	0.000492107
Eun	W09	96	70	0.94	0.2	0.000247851	1.03528E-06	0.00054461
Eun	W10	96	70	0.94	0.2	0.000228504	1.42046E-06	0.000558923
Eun	W11	96	70	0.94	0.2	0.000204522	2.82168E-06	0.000513633
Eun	W12	96	70	0.94	0.2	0.000201615	3.04077E-06	0.000592812
Eun	W13	96	70	0.94	0.2	0.000218601	2.2266E-06	0.000534884
Eun	W14	96	70	0.94	0.2	0.000209071	3.07791E-06	0.000528771
Eun	W15	96	70	0.94	0.2	0.000257236	8.96541E-07	0.000481557
Eun	W16	96	70	0.94	0.2	0.000157912	6.65446E-06	0.000529884
Eun	W01	96	70	0.94	0.3	0.00019983	6.16763E-06	0.000470444
Eun	W02	96	70	0.94	0.3	0.000216585	4.65703E-06	0.000566685
Eun	W03	96	70	0.94	0.3	0.000239099	3.35199E-06	0.000542934
Eun	W04	96	70	0.94	0.3	0.000238897	3.95197E-06	0.000514471
Eun	W05	96	70	0.94	0.3	0.000230606	3.48716E-06	0.000503208
Eun	W06	96	70	0.94	0.3	0.00026357	1.41893E-06	0.000608912
Eun	W07	96	70	0.94	0.3	0.00026858	1.46292E-06	0.000529471
Eun	W08	96	70	0.94	0.3	0.000248772	1.47887E-06	0.00050057
Eun	W09	96	70	0.94	0.3	0.000254473	2.16401E-06	0.00055211
Eun	W10	96	70	0.94	0.3	0.000236421	2.70177E-06	0.000560573
Eun	W11	96	70	0.94	0.3	0.000210251	3.88489E-06	0.000516408
Eun	W12	96	70	0.94	0.3	0.000213303	4.31155E-06	0.000593349
Eun	W13	96	70	0.94	0.3	0.0002279	3.10569E-06	0.000534047
Eun	W14	96	70	0.94	0.3	0.00021837	4.08757E-06	0.000530709
Eun	W15	96	70	0.94	0.3	0.000260576	1.54028E-06	0.000494608
Eun	W16	96	70	0.94	0.3	0.000174811	7.23457E-06	0.000545297
Eun	W01	96	70	0.94	0.4	0.000197181	7.30223E-06	0.000477094
Eun	W02	96	70	0.94	0.4	0.000215722	6.41234E-06	0.000573073
Eun	W03	96	70	0.94	0.4	0.000236479	4.67661E-06	0.00055266
Eun	W04	96	70	0.94	0.4	0.000235385	5.61976E-06	0.000537384
Eun	W05	96	70	0.94	0.4	0.00022885	4.97979E-06	0.000534184
Eun	W06	96	70	0.94	0.4	0.000263023	2.66599E-06	0.0006296
Eun	W07	96	70	0.94	0.4	0.000267601	2.94447E-06	0.000540997
Eun	W08	96	70	0.94	0.4	0.000247678	2.90739E-06	0.000511271
Eun	W09	96	70	0.94	0.4	0.000254329	4.02912E-06	0.000565298
Eun	W10	96	70	0.94	0.4	0.00023622	4.76289E-06	0.00056766
Eun	W11	96	70	0.94	0.4	0.000205991	5.52158E-06	0.000521684
Eun	W12	96	70	0.94	0.4	0.000208582	6.13711E-06	0.000597799
Eun	W13	96	70	0.94	0.4	0.000224071	4.79056E-06	0.000536409
Eun	W14	96	70	0.94	0.4	0.000216585	5.72772E-06	0.000538072
Eun	W15	96	70	0.94	0.4	0.000259223	2.68772E-06	0.000506421

Zone Deadband db

Eun	W16	96	70	0.94	0.4	0.000157681	8.43194E-06	0.000561273
Eun	W01	3	70	0.8	0.2	0.000166635	4.29917E-06	0.000327926
Eun	W02	3	70	0.8	0.2	0.000159035	3.97327E-06	0.000484182
Eun	W03	3	70	0.8	0.2	0.000178209	3.76147E-06	0.000467381
Eun	W04	3	70	0.8	0.2	0.000182153	4.0164E-06	0.000438768
Eun	W05	3	70	0.8	0.2	0.000172278	3.96009E-06	0.000377103
Eun	W06	3	70	0.8	0.2	0.000192172	1.41729E-06	0.000450293
Eun	W07	3	70	0.8	0.2	0.000196288	1.2622E-06	0.000421267
Eun	W08	3	70	0.8	0.2	0.000189897	1.23885E-06	0.000409042
Eun	W09	3	70	0.8	0.2	0.000187594	1.87493E-06	0.000498345
Eun	W10	3	70	0.8	0.2	0.000176798	1.83768E-06	0.000411267
Eun	W11	3	70	0.8	0.2	0.00015414	2.3432E-06	0.000435568
Eun	W12	3	70	0.8	0.2	0.000158401	2.86343E-06	0.000527934
Eun	W13	3	70	0.8	0.2	0.000174063	1.92952E-06	0.000532097
Eun	W14	3	70	0.8	0.2	0.000155321	2.62361E-06	0.000429742
Eun	W15	3	70	0.8	0.2	0.000196864	6.31445E-07	0.000434193
Eun	W16	3	70	0.8	0.2	0.000119506	6.49266E-06	0.000411129
Eun	W01	3	70	0.8	0.3	0.000167844	4.97746E-06	0.000332788
Eun	W02	3	70	0.8	0.3	0.000160013	4.86144E-06	0.000477519
Eun	W03	3	70	0.8	0.3	0.000184456	4.73134E-06	0.000463219
Eun	W04	3	70	0.8	0.3	0.000188832	4.90073E-06	0.00043183
Eun	W05	3	70	0.8	0.3	0.000176654	4.91786E-06	0.00037974
Eun	W06	3	70	0.8	0.3	0.000194676	2.21206E-06	0.000446268
Eun	W07	3	70	0.8	0.3	0.000200607	2.15972E-06	0.000417242
Eun	W08	3	70	0.8	0.3	0.000195338	2.19254E-06	0.000406954
Eun	W09	3	70	0.8	0.3	0.000193784	3.09254E-06	0.000492795
Eun	W10	3	70	0.8	0.3	0.000179792	2.28801E-06	0.000406679
Eun	W11	3	70	0.8	0.3	0.000156242	3.2518E-06	0.000426405
Eun	W12	3	70	0.8	0.3	0.000158401	3.53394E-06	0.000514333
Eun	W13	3	70	0.8	0.3	0.000175675	2.6161E-06	0.000522246
Eun	W14	3	70	0.8	0.3	0.000157768	3.65515E-06	0.00042043
Eun	W15	3	70	0.8	0.3	0.000196778	8.74863E-07	0.00042933
Eun	W16	3	70	0.8	0.3	0.000124026	8.22667E-06	0.000405716
Eun	W01	3	70	0.8	0.4	0.000169312	6.39132E-06	0.000337664
Eun	W02	3	70	0.8	0.4	0.0001639	6.65993E-06	0.000474332
Eun	W03	3	70	0.8	0.4	0.000190358	6.89969E-06	0.000462806
Eun	W04	3	70	0.8	0.4	0.00019577	7.42847E-06	0.000434743
Eun	W05	3	70	0.8	0.4	0.000182268	7.26642E-06	0.000383616
Eun	W06	3	70	0.8	0.4	0.000203774	4.58641E-06	0.000449606
Eun	W07	3	70	0.8	0.4	0.000205991	4.46014E-06	0.000415442
Eun	W08	3	70	0.8	0.4	0.000200348	4.87042E-06	0.000406691
Eun	W09	3	70	0.8	0.4	0.000202622	6.23868E-06	0.000491557
Eun	W10	3	70	0.8	0.4	0.000183448	4.17186E-06	0.000402791
Eun	W11	3	70	0.8	0.4	0.00016082	5.08542E-06	0.000419042
Eun	W12	3	70	0.8	0.4	0.000165224	5.63185E-06	0.000506133
Eun	W13	3	70	0.8	0.4	0.000177518	4.15566E-06	0.000508633
Eun	W14	3	70	0.8	0.4	0.000159121	5.46141E-06	0.000412379
Eun	W15	3	70	0.8	0.4	0.000192632	1.75473E-06	0.000424605
Eun	W16	3	70	0.8	0.4	0.000125869	9.99234E-06	0.000405166
Eun	W01	3	70	0.94	0.2	0.000166635	3.65918E-06	0.000327926
Eun	W02	3	70	0.94	0.2	0.000159035	3.38213E-06	0.000484182
Eun	W03	3	70	0.94	0.2	0.000178209	3.20174E-06	0.000467381
Eun	W04	3	70	0.94	0.2	0.000182153	3.41861E-06	0.000438768
Eun	W05	3	70	0.94	0.2	0.000172278	3.37082E-06	0.000377103
Eun	W06	3	70	0.94	0.2	0.000192172	1.20664E-06	0.000450293
Eun	W07	3	70	0.94	0.2	0.000196288	1.07463E-06	0.000421267
Eun	W08	3	70	0.94	0.2	0.000189897	1.05477E-06	0.000409042
Eun	W09	3	70	0.94	0.2	0.000187594	1.5961E-06	0.000498345
Eun	W10	3	70	0.94	0.2	0.000176798	1.56438E-06	0.000411267
Eun	W11	3	70	0.94	0.2	0.00015414	1.99438E-06	0.000435568
Eun	W12	3	70	0.94	0.2	0.000158401	2.43751E-06	0.000527934
Eun	W13	3	70	0.94	0.2	0.000174063	1.64257E-06	0.000532097
Eun	W14	3	70	0.94	0.2	0.000155321	2.23319E-06	0.000429742
Eun	W15	3	70	0.94	0.2	0.000196864	5.37764E-07	0.000434193
Eun	W16	3	70	0.94	0.2	0.000119967	5.52677E-06	0.000409329
Eun	W01	3	70	0.94	0.3	0.000167844	4.2367E-06	0.000332788
Eun	W02	3	70	0.94	0.3	0.000160013	4.13772E-06	0.000477519
Eun	W03	3	70	0.94	0.3	0.000184456	4.02711E-06	0.000463219
Eun	W04	3	70	0.94	0.3	0.000188832	4.17106E-06	0.00043183
Eun	W05	3	70	0.94	0.3	0.000176654	4.18586E-06	0.00037974
Eun	W06	3	70	0.94	0.3	0.000194676	1.88302E-06	0.000446268
Eun	W07	3	70	0.94	0.3	0.000200607	1.83846E-06	0.000417242
Eun	W08	3	70	0.94	0.3	0.000195338	1.86635E-06	0.000406954



## Zone Deadband db

Eun	W09	3	70	0.94	0.3	0.000193784	2.63236E-06	0.000492795
Eun	W10	3	70	0.94	0.3	0.000179792	1.94763E-06	0.000406679
Eun	W11	3	70	0.94	0.3	0.000156242	2.76805E-06	0.000426405
Eun	W12	3	70	0.94	0.3	0.000158401	3.00792E-06	0.000514333
Eun	W13	3	70	0.94	0.3	0.000175675	2.22689E-06	0.000522246
Eun	W14	3	70	0.94	0.3	0.000157768	3.11073E-06	0.00042043
Eun	W15	3	70	0.94	0.3	0.000196778	7.44935E-07	0.00042933
Eun	W16	3	70	0.94	0.3	0.000124026	7.00195E-06	0.000405716
Eun	W01	3	70	0.94	0.4	0.000169312	5.43982E-06	0.000337664
Eun	W02	3	70	0.94	0.4	0.0001639	5.6683E-06	0.000474332
Eun	W03	3	70	0.94	0.4	0.000190358	5.87245E-06	0.000462806
Eun	W04	3	70	0.94	0.4	0.00019577	6.32246E-06	0.000434743
Eun	W05	3	70	0.94	0.4	0.000182268	6.18453E-06	0.000383616
Eun	W06	3	70	0.94	0.4	0.000203774	3.90369E-06	0.000449606
Eun	W07	3	70	0.94	0.4	0.000205991	3.79622E-06	0.000415442
Eun	W08	3	70	0.94	0.4	0.000200348	4.14541E-06	0.000406691
Eun	W09	3	70	0.94	0.4	0.000202622	5.30984E-06	0.000491557
Eun	W10	3	70	0.94	0.4	0.000183448	3.5509E-06	0.000402791
Eun	W11	3	70	0.94	0.4	0.00016082	4.32854E-06	0.000419042
Eun	W12	3	70	0.94	0.4	0.000165224	4.79346E-06	0.000506133
Eun	W13	3	70	0.94	0.4	0.000177518	3.53702E-06	0.000508633
Eun	W14	3	70	0.94	0.4	0.000159121	4.64839E-06	0.000412379
Eun	W15	3	70	0.94	0.4	0.000192632	1.49376E-06	0.000424605
Eun	W16	3	70	0.94	0.4	0.000125869	8.50478E-06	0.000405166
Eun	W01	5	70	0.8	0.2	0.000164821	4.65127E-06	0.000330851
Eun	W02	5	70	0.8	0.2	0.000158315	4.1319E-06	0.000467519
Eun	W03	5	70	0.8	0.2	0.000182297	4.2629E-06	0.000465019
Eun	W04	5	70	0.8	0.2	0.000185665	4.32572E-06	0.000434043
Eun	W05	5	70	0.8	0.2	0.000177287	4.29949E-06	0.000373765
Eun	W06	5	70	0.8	0.2	0.00019934	1.54517E-06	0.000450718
Eun	W07	5	70	0.8	0.2	0.000201212	1.42881E-06	0.000415442
Eun	W08	5	70	0.8	0.2	0.000197095	1.35948E-06	0.000392516
Eun	W09	5	70	0.8	0.2	0.000189868	2.08832E-06	0.000474044
Eun	W10	5	70	0.8	0.2	0.000178468	2.06719E-06	0.000406116
Eun	W11	5	70	0.8	0.2	0.000155925	2.64866E-06	0.00043363
Eun	W12	5	70	0.8	0.2	0.000159035	3.02407E-06	0.000524884
Eun	W13	5	70	0.8	0.2	0.000176481	2.09586E-06	0.000522659
Eun	W14	5	70	0.8	0.2	0.000154313	2.85565E-06	0.000424455
Eun	W15	5	70	0.8	0.2	0.00019767	6.81626E-07	0.000427105
Eun	W16	5	70	0.8	0.2	0.000117405	6.71924E-06	0.000385428
Eun	W01	5	70	0.8	0.3	0.000167326	5.46487E-06	0.000334739
Eun	W02	5	70	0.8	0.3	0.000159985	5.07736E-06	0.000460844
Eun	W03	5	70	0.8	0.3	0.00018889	5.1181E-06	0.000460156
Eun	W04	5	70	0.8	0.3	0.000193381	5.25266E-06	0.000428492
Eun	W05	5	70	0.8	0.3	0.000182585	5.32403E-06	0.000379465
Eun	W06	5	70	0.8	0.3	0.000203975	2.39168E-06	0.000447793
Eun	W07	5	70	0.8	0.3	0.000205242	2.20601E-06	0.000410992
Eun	W08	5	70	0.8	0.3	0.000200521	2.26316E-06	0.000393341
Eun	W09	5	70	0.8	0.3	0.000195828	3.26277E-06	0.000468219
Eun	W10	5	70	0.8	0.3	0.00018221	2.52443E-06	0.000401404
Eun	W11	5	70	0.8	0.3	0.000158948	3.57223E-06	0.000424592
Eun	W12	5	70	0.8	0.3	0.000161453	3.82587E-06	0.000510721
Eun	W13	5	70	0.8	0.3	0.000179562	2.86714E-06	0.000512933
Eun	W14	5	70	0.8	0.3	0.000157394	3.87999E-06	0.000415579
Eun	W15	5	70	0.8	0.3	0.000198448	9.62729E-07	0.000422517
Eun	W16	5	70	0.8	0.3	0.000120571	8.46131E-06	0.000384053
Eun	W01	5	70	0.8	0.4	0.000168593	6.91328E-06	0.000340151
Eun	W02	5	70	0.8	0.4	0.000164591	6.98698E-06	0.000457094
Eun	W03	5	70	0.8	0.4	0.000194446	7.21336E-06	0.000456543
Eun	W04	5	70	0.8	0.4	0.000198045	7.71726E-06	0.00043113
Eun	W05	5	70	0.8	0.4	0.000186011	7.53589E-06	0.000385016
Eun	W06	5	70	0.8	0.4	0.000209647	4.65645E-06	0.000452106
Eun	W07	5	70	0.8	0.4	0.000209589	4.23385E-06	0.000409317
Eun	W08	5	70	0.8	0.4	0.000206279	4.665E-06	0.000390291
Eun	W09	5	70	0.8	0.4	0.00020219	6.30426E-06	0.000465431
Eun	W10	5	70	0.8	0.4	0.00018483	4.36309E-06	0.000396954
Eun	W11	5	70	0.8	0.4	0.000161683	5.29213E-06	0.000417242
Eun	W12	5	70	0.8	0.4	0.000165512	5.89441E-06	0.000503633
Eun	W13	5	70	0.8	0.4	0.000182383	4.43869E-06	0.00049932
Eun	W14	5	70	0.8	0.4	0.000157883	5.67791E-06	0.000407654
Eun	W15	5	70	0.8	0.4	0.000194647	1.83612E-06	0.000418204
Eun	W16	5	70	0.8	0.4	0.000120974	1.01464E-05	0.000384041
Eun	W01	5	70	0.94	0.2	0.000164821	3.95917E-06	0.000330851

## Zone Deadband db

Eun	W02	5	70	0.94	0.2	0.000158315	3.51698E-06	0.000467519
Eun	W03	5	70	0.94	0.2	0.000182297	3.62849E-06	0.000465019
Eun	W04	5	70	0.94	0.2	0.000185665	3.68163E-06	0.000434043
Eun	W05	5	70	0.94	0.2	0.000177287	3.65967E-06	0.000373765
Eun	W06	5	70	0.94	0.2	0.00019934	1.31549E-06	0.000450718
Eun	W07	5	70	0.94	0.2	0.000201212	1.21645E-06	0.000415442
Eun	W08	5	70	0.94	0.2	0.000197095	1.15741E-06	0.000392516
Eun	W09	5	70	0.94	0.2	0.000189868	1.77771E-06	0.000474044
Eun	W10	5	70	0.94	0.2	0.000178468	1.75974E-06	0.000406116
Eun	W11	5	70	0.94	0.2	0.000155925	2.25473E-06	0.00043363
Eun	W12	5	70	0.94	0.2	0.000159035	2.57415E-06	0.000524884
Eun	W13	5	70	0.94	0.2	0.000176481	1.78413E-06	0.000522659
Eun	W14	5	70	0.94	0.2	0.000154313	2.43101E-06	0.000424455
Eun	W15	5	70	0.94	0.2	0.00019767	5.80459E-07	0.000427105
Eun	W16	5	70	0.94	0.2	0.000117405	5.71908E-06	0.000385428
Eun	W01	5	70	0.94	0.3	0.000167326	4.65127E-06	0.000334739
Eun	W02	5	70	0.94	0.3	0.000159985	4.3216E-06	0.000460844
Eun	W03	5	70	0.94	0.3	0.00018889	4.35609E-06	0.000460156
Eun	W04	5	70	0.94	0.3	0.000193381	4.47076E-06	0.000428492
Eun	W05	5	70	0.94	0.3	0.000182585	4.53151E-06	0.000379465
Eun	W06	5	70	0.94	0.3	0.000203975	2.0359E-06	0.000447793
Eun	W07	5	70	0.94	0.3	0.000205242	1.8779E-06	0.000410992
Eun	W08	5	70	0.94	0.3	0.000201269	1.92661E-06	0.000390703
Eun	W09	5	70	0.94	0.3	0.000195828	2.77723E-06	0.000468219
Eun	W10	5	70	0.94	0.3	0.00018221	2.14887E-06	0.000401404
Eun	W11	5	70	0.94	0.3	0.000158948	3.04077E-06	0.000424592
Eun	W12	5	70	0.94	0.3	0.000161453	3.25655E-06	0.000510721
Eun	W13	5	70	0.94	0.3	0.000179562	2.44056E-06	0.000512933
Eun	W14	5	70	0.94	0.3	0.000157394	3.30247E-06	0.000415579
Eun	W15	5	70	0.94	0.3	0.000198448	8.19673E-07	0.000422517
Eun	W16	5	70	0.94	0.3	0.000120571	7.20175E-06	0.000384053
Eun	W01	5	70	0.94	0.4	0.000168593	5.88405E-06	0.000340151
Eun	W02	5	70	0.94	0.4	0.000164591	5.94698E-06	0.000457094
Eun	W03	5	70	0.94	0.4	0.000194446	6.1393E-06	0.000456543
Eun	W04	5	70	0.94	0.4	0.000198045	6.56826E-06	0.000431113
Eun	W05	5	70	0.94	0.4	0.000186011	6.41395E-06	0.000385016
Eun	W06	5	70	0.94	0.4	0.000209647	3.96334E-06	0.000452106
Eun	W07	5	70	0.94	0.4	0.000209589	3.6037E-06	0.000409317
Eun	W08	5	70	0.94	0.4	0.000206279	3.97057E-06	0.000390291
Eun	W09	5	70	0.94	0.4	0.00020219	5.36572E-06	0.000465431
Eun	W10	5	70	0.94	0.4	0.00018483	3.71365E-06	0.000396954
Eun	W11	5	70	0.94	0.4	0.000161683	4.50416E-06	0.000417242
Eun	W12	5	70	0.94	0.4	0.000165512	5.0169E-06	0.000503633
Eun	W13	5	70	0.94	0.4	0.000182383	3.77805E-06	0.00049932
Eun	W14	5	70	0.94	0.4	0.000157883	4.83265E-06	0.000407654
Eun	W15	5	70	0.94	0.4	0.000194647	1.56305E-06	0.000418204
Eun	W16	5	70	0.94	0.4	0.000120974	8.63577E-06	0.000384041
Eun	W01	75	72	0.8	0.2	0.000148094	5.28551E-06	0.00036529
Eun	W02	75	72	0.8	0.2	0.000182959	5.02813E-06	0.000587236
Eun	W03	75	72	0.8	0.2	0.000189724	3.56475E-06	0.000555297
Eun	W04	75	72	0.8	0.2	0.000205386	4.522E-06	0.000555723
Eun	W05	75	72	0.8	0.2	0.000203428	3.68221E-06	0.000550447
Eun	W06	75	72	0.8	0.2	0.000225452	2.78915E-06	0.00054946
Eun	W07	75	72	0.8	0.2	0.000236364	2.95587E-06	0.000510021
Eun	W08	75	72	0.8	0.2	0.000239588	3.02609E-06	0.000545572
Eun	W09	75	72	0.8	0.2	0.000227439	3.74583E-06	0.000569461
Eun	W10	75	72	0.8	0.2	0.000227813	3.9275E-06	0.000562798
Eun	W11	75	72	0.8	0.2	0.000192805	4.6507E-06	0.000589611
Eun	W12	75	72	0.8	0.2	0.000187968	4.47018E-06	0.000661277
Eun	W13	75	72	0.8	0.2	0.00021791	3.94621E-06	0.000664464
Eun	W14	75	72	0.8	0.2	0.000210424	4.47076E-06	0.000570848
Eun	W15	75	72	0.8	0.2	0.000267946	2.49331E-06	0.000607112
Eun	W16	75	72	0.8	0.2	0.000129122	8.1403E-06	0.000580986
Eun	W01	75	72	0.8	0.3	0.000146885	7.87572E-06	0.000369315
Eun	W02	75	72	0.8	0.3	0.000190703	8.23991E-06	0.000596837
Eun	W03	75	72	0.8	0.3	0.00019315	6.22405E-06	0.00055946
Eun	W04	75	72	0.8	0.3	0.000214311	7.14043E-06	0.000567385
Eun	W05	75	72	0.8	0.3	0.000205991	6.25918E-06	0.000580161
Eun	W06	75	72	0.8	0.3	0.000231959	5.19281E-06	0.000570161
Eun	W07	75	72	0.8	0.3	0.000241747	5.14052E-06	0.000515158
Eun	W08	75	72	0.8	0.3	0.000245922	5.22822E-06	0.00055016
Eun	W09	75	72	0.8	0.3	0.000238955	6.84937E-06	0.000575023
Eun	W10	75	72	0.8	0.3	0.000236738	6.70974E-06	0.00056516

## Zone Deadband db

Eun	W11	75	72	0.8	0.3	0.000186673	7.73667E-06	0.000599337
Eun	W12	75	72	0.8	0.3	0.00018437	7.60423E-06	0.000668365
Eun	W13	75	72	0.8	0.3	0.000224905	6.89169E-06	0.000667952
Eun	W14	75	72	0.8	0.3	0.000212382	7.13439E-06	0.000577386
Eun	W15	75	72	0.8	0.3	0.000277389	4.29344E-06	0.000596549
Eun	W16	75	72	0.8	0.3	0.000125811	1.06793E-05	0.000593074
Eun	W01	75	72	0.8	0.4	0.000144553	1.30003E-05	0.000383491
Eun	W02	75	72	0.8	0.4	0.000195598	1.375E-05	0.000621825
Eun	W03	75	72	0.8	0.4	0.000191509	1.1467E-05	0.000580999
Eun	W04	75	72	0.8	0.4	0.000213447	1.23871E-05	0.000599462
Eun	W05	75	72	0.8	0.4	0.000205156	1.18297E-05	0.000606975
Eun	W06	75	72	0.8	0.4	0.000226115	1.00557E-05	0.000599474
Eun	W07	75	72	0.8	0.4	0.00023645	1.00568E-05	0.000543635
Eun	W08	75	72	0.8	0.4	0.000245634	9.92152E-06	0.000579748
Eun	W09	75	72	0.8	0.4	0.000237112	1.22449E-05	0.000598487
Eun	W10	75	72	0.8	0.4	0.00023979	1.20453E-05	0.000585436
Eun	W11	75	72	0.8	0.4	0.000208726	1.36498E-05	0.000620025
Eun	W12	75	72	0.8	0.4	0.000197066	1.36319E-05	0.00067489
Eun	W13	75	72	0.8	0.4	0.000230174	1.26537E-05	0.00066919
Eun	W14	75	72	0.8	0.4	0.000220011	1.24706E-05	0.000587111
Eun	W15	75	72	0.8	0.4	0.000278224	8.20249E-06	0.0006053
Eun	W16	75	72	0.8	0.4	0.00013321	1.48449E-05	0.000626138
Eun	W01	75	72	0.94	0.2	0.000148094	4.49984E-06	0.00036529
Eun	W02	75	72	0.94	0.2	0.000182959	4.28046E-06	0.000587236
Eun	W03	75	72	0.94	0.2	0.000189724	3.0353E-06	0.000555297
Eun	W04	75	72	0.94	0.2	0.000205386	3.85005E-06	0.000555723
Eun	W05	75	72	0.94	0.2	0.000203428	3.1352E-06	0.000550447
Eun	W06	75	72	0.94	0.2	0.000225452	2.3751E-06	0.00054946
Eun	W07	75	72	0.94	0.2	0.000236364	2.51691E-06	0.000510021
Eun	W08	75	72	0.94	0.2	0.000239588	2.57677E-06	0.000545572
Eun	W09	75	72	0.94	0.2	0.000227439	3.18933E-06	0.000569461
Eun	W10	75	72	0.94	0.2	0.000227813	3.34364E-06	0.000562798
Eun	W11	75	72	0.94	0.2	0.000192805	3.95917E-06	0.000589611
Eun	W12	75	72	0.94	0.2	0.000187968	3.80543E-06	0.000661277
Eun	W13	75	72	0.94	0.2	0.00021791	3.35976E-06	0.000664464
Eun	W14	75	72	0.94	0.2	0.000210424	3.806E-06	0.000570848
Eun	W15	75	72	0.94	0.2	0.000267946	2.12327E-06	0.000607112
Eun	W16	75	72	0.94	0.2	0.000129122	6.9294E-06	0.000580986
Eun	W01	75	72	0.94	0.3	0.000146885	6.70398E-06	0.000369315
Eun	W02	75	72	0.94	0.3	0.000190703	7.01405E-06	0.000596837
Eun	W03	75	72	0.94	0.3	0.00019315	5.29846E-06	0.00055946
Eun	W04	75	72	0.94	0.3	0.000214311	6.07838E-06	0.000567385
Eun	W05	75	72	0.94	0.3	0.000205991	5.32812E-06	0.000580161
Eun	W06	75	72	0.94	0.3	0.000231959	4.42052E-06	0.000570161
Eun	W07	75	72	0.94	0.3	0.000241747	4.37604E-06	0.000515158
Eun	W08	75	72	0.94	0.3	0.000245922	4.45058E-06	0.00055016
Eun	W09	75	72	0.94	0.3	0.000238955	5.83027E-06	0.000575023
Eun	W10	75	72	0.94	0.3	0.000236738	5.7116E-06	0.00056516
Eun	W11	75	72	0.94	0.3	0.000186673	6.58565E-06	0.000599337
Eun	W12	75	72	0.94	0.3	0.00018437	6.4728E-06	0.000668365
Eun	W13	75	72	0.94	0.3	0.000224905	5.86649E-06	0.000667952
Eun	W14	75	72	0.94	0.3	0.000212382	6.07291E-06	0.000577386
Eun	W15	75	72	0.94	0.3	0.000277389	3.65526E-06	0.000596549
Eun	W16	75	72	0.94	0.3	0.000125811	9.09007E-06	0.000593074
Eun	W01	75	72	0.94	0.4	0.000144553	1.1065E-05	0.000383491
Eun	W02	75	72	0.94	0.4	0.000195598	1.17033E-05	0.000621825
Eun	W03	75	72	0.94	0.4	0.000191509	9.7603E-06	0.000580999
Eun	W04	75	72	0.94	0.4	0.000213447	1.05437E-05	0.000599462
Eun	W05	75	72	0.94	0.4	0.000205156	1.00692E-05	0.000606975
Eun	W06	75	72	0.94	0.4	0.000226115	8.55896E-06	0.000599474
Eun	W07	75	72	0.94	0.4	0.00023645	8.5602E-06	0.000543635
Eun	W08	75	72	0.94	0.4	0.000245634	8.44498E-06	0.000579748
Eun	W09	75	72	0.94	0.4	0.000237112	1.04222E-05	0.000598487
Eun	W10	75	72	0.94	0.4	0.00023979	1.02523E-05	0.000585436
Eun	W11	75	72	0.94	0.4	0.000208726	1.16181E-05	0.000620025
Eun	W12	75	72	0.94	0.4	0.000197066	1.16028E-05	0.00067489
Eun	W13	75	72	0.94	0.4	0.000230174	1.07702E-05	0.00066919
Eun	W14	75	72	0.94	0.4	0.000220011	1.06145E-05	0.000587111
Eun	W15	75	72	0.94	0.4	0.000278224	6.98197E-06	0.0006053
Eun	W16	75	72	0.94	0.4	0.00013321	1.2635E-05	0.000626138
Eun	W01	85	72	0.8	0.2	0.000154774	6.24421E-06	0.00042613
Eun	W02	85	72	0.8	0.2	0.000170147	4.67545E-06	0.000585861
Eun	W03	85	72	0.8	0.2	0.000184859	3.37445E-06	0.000561973

## Zone Deadband db

Eun	W04	85	72	0.8	0.2	0.000199455	4.19985E-06	0.000549872
Eun	W05	85	72	0.8	0.2	0.000194935	3.39777E-06	0.000525996
Eun	W06	85	72	0.8	0.2	0.000223984	2.57567E-06	0.000590574
Eun	W07	85	72	0.8	0.2	0.000231786	2.45237E-06	0.000511271
Eun	W08	85	72	0.8	0.2	0.000219867	2.46391E-06	0.000542522
Eun	W09	85	72	0.8	0.2	0.000209129	2.91462E-06	0.000562248
Eun	W10	85	72	0.8	0.2	0.00020792	3.08073E-06	0.000568498
Eun	W11	85	72	0.8	0.2	0.000160935	3.84401E-06	0.000602662
Eun	W12	85	72	0.8	0.2	0.000164649	3.97673E-06	0.000633776
Eun	W13	85	72	0.8	0.2	0.000196317	3.17551E-06	0.000626413
Eun	W14	85	72	0.8	0.2	0.000193352	4.34178E-06	0.000606962
Eun	W15	85	72	0.8	0.2	0.000238149	2.05478E-06	0.000656964
Eun	W16	85	72	0.8	0.2	0.000140897	8.41841E-06	0.00055571
Eun	W01	85	72	0.8	0.3	0.000160445	7.63965E-06	0.000427792
Eun	W02	85	72	0.8	0.3	0.000173689	6.79582E-06	0.000585999
Eun	W03	85	72	0.8	0.3	0.000197987	4.86431E-06	0.000553772
Eun	W04	85	72	0.8	0.3	0.000207718	5.6212E-06	0.000554597
Eun	W05	85	72	0.8	0.3	0.000205444	5.06786E-06	0.000543485
Eun	W06	85	72	0.8	0.3	0.000231038	4.00342E-06	0.000592799
Eun	W07	85	72	0.8	0.3	0.00023907	3.99653E-06	0.000512383
Eun	W08	85	72	0.8	0.3	0.000227554	3.98292E-06	0.000537372
Eun	W09	85	72	0.8	0.3	0.00021932	4.99056E-06	0.00055586
Eun	W10	85	72	0.8	0.3	0.000215981	5.17959E-06	0.000561548
Eun	W11	85	72	0.8	0.3	0.000162777	5.8947E-06	0.000594887
Eun	W12	85	72	0.8	0.3	0.000165253	6.14143E-06	0.000636826
Eun	W13	85	72	0.8	0.3	0.000199311	5.0906E-06	0.00062905
Eun	W14	85	72	0.8	0.3	0.000200895	6.33E-06	0.000603912
Eun	W15	85	72	0.8	0.3	0.000243907	3.49076E-06	0.000639876
Eun	W16	85	72	0.8	0.3	0.000115044	9.94167E-06	0.000554185
Eun	W01	85	72	0.8	0.4	0.000158862	1.05414E-05	0.00043738
Eun	W02	85	72	0.8	0.4	0.000182239	1.04786E-05	0.000601137
Eun	W03	85	72	0.8	0.4	0.000196116	7.82073E-06	0.000564885
Eun	W04	85	72	0.8	0.4	0.000211115	9.05956E-06	0.000581974
Eun	W05	85	72	0.8	0.4	0.000206826	8.42042E-06	0.000575023
Eun	W06	85	72	0.8	0.4	0.00023432	7.16793E-06	0.000613775
Eun	W07	85	72	0.8	0.4	0.000240193	6.93628E-06	0.000533634
Eun	W08	85	72	0.8	0.4	0.000232391	6.99882E-06	0.000545435
Eun	W09	85	72	0.8	0.4	0.000226777	8.97097E-06	0.000569323
Eun	W10	85	72	0.8	0.4	0.000224358	9.33683E-06	0.000564323
Eun	W11	85	72	0.8	0.4	0.000175819	1.02342E-05	0.000604324
Eun	W12	85	72	0.8	0.4	0.000173487	1.03891E-05	0.000633226
Eun	W13	85	72	0.8	0.4	0.000211115	9.68976E-06	0.000625988
Eun	W14	85	72	0.8	0.4	0.000206768	1.02578E-05	0.000598774
Eun	W15	85	72	0.8	0.4	0.000250039	6.93102E-06	0.000639888
Eun	W16	85	72	0.8	0.4	0.000126128	1.27703E-05	0.000575986
Eun	W01	85	72	0.94	0.2	0.000154774	5.31545E-06	0.00042613
Eun	W02	85	72	0.94	0.2	0.000170147	3.98076E-06	0.000585861
Eun	W03	85	72	0.94	0.2	0.000184859	2.87293E-06	0.000561973
Eun	W04	85	72	0.94	0.2	0.000199455	3.57569E-06	0.000549872
Eun	W05	85	72	0.94	0.2	0.000194935	2.89308E-06	0.000525996
Eun	W06	85	72	0.94	0.2	0.000223984	2.1934E-06	0.000590574
Eun	W07	85	72	0.94	0.2	0.000231786	2.08847E-06	0.000511271
Eun	W08	85	72	0.94	0.2	0.000219867	2.09828E-06	0.000542522
Eun	W09	85	72	0.94	0.2	0.000209129	2.48191E-06	0.000562248
Eun	W10	85	72	0.94	0.2	0.00020792	2.62329E-06	0.000568498
Eun	W11	85	72	0.94	0.2	0.000160935	3.27282E-06	0.000602662
Eun	W12	85	72	0.94	0.2	0.000164649	3.38596E-06	0.000633776
Eun	W13	85	72	0.94	0.2	0.000196317	2.70393E-06	0.000626413
Eun	W14	85	72	0.94	0.2	0.000193352	3.69632E-06	0.000606962
Eun	W15	85	72	0.94	0.2	0.000238149	1.75004E-06	0.000656964
Eun	W16	85	72	0.94	0.2	0.000140897	7.16605E-06	0.00055571
Eun	W01	85	72	0.94	0.3	0.000160445	6.50331E-06	0.000427792
Eun	W02	85	72	0.94	0.3	0.000173689	5.78501E-06	0.000585999
Eun	W03	85	72	0.94	0.3	0.000197987	4.14112E-06	0.000553772
Eun	W04	85	72	0.94	0.3	0.000207718	4.78543E-06	0.000554597
Eun	W05	85	72	0.94	0.3	0.000205444	4.31443E-06	0.000543485
Eun	W06	85	72	0.94	0.3	0.000231038	3.40848E-06	0.000592799
Eun	W07	85	72	0.94	0.3	0.00023907	3.40263E-06	0.000512383
Eun	W08	85	72	0.94	0.3	0.000227554	3.391E-06	0.000537372
Eun	W09	85	72	0.94	0.3	0.00021932	4.24859E-06	0.00055586
Eun	W10	85	72	0.94	0.3	0.000215981	4.40932E-06	0.000561548
Eun	W11	85	72	0.94	0.3	0.000162777	5.01805E-06	0.000594887
Eun	W12	85	72	0.94	0.3	0.000165253	5.22793E-06	0.000636826

## Zone Deadband db

Eun	W13	85	72	0.94	0.3	0.000199311	4.33372E-06	0.00062905
Eun	W14	85	72	0.94	0.3	0.000200895	5.38858E-06	0.000603912
Eun	W15	85	72	0.94	0.3	0.000243907	2.97211E-06	0.000639876
Eun	W16	85	72	0.94	0.3	0.000115044	8.46217E-06	0.000554185
Eun	W01	85	72	0.94	0.4	0.000158862	8.97261E-06	0.00043738
Eun	W02	85	72	0.94	0.4	0.000182239	8.91935E-06	0.000601137
Eun	W03	85	72	0.94	0.4	0.000196116	6.65705E-06	0.000564885
Eun	W04	85	72	0.94	0.4	0.000211115	7.71133E-06	0.000581974
Eun	W05	85	72	0.94	0.4	0.000206826	7.16749E-06	0.000575023
Eun	W06	85	72	0.94	0.4	0.00023432	6.10153E-06	0.000613775
Eun	W07	85	72	0.94	0.4	0.000240193	5.90434E-06	0.000533634
Eun	W08	85	72	0.94	0.4	0.000232391	5.95755E-06	0.000545435
Eun	W09	85	72	0.94	0.4	0.000226777	7.63599E-06	0.000569323
Eun	W10	85	72	0.94	0.4	0.000224358	7.94738E-06	0.000564323
Eun	W11	85	72	0.94	0.4	0.000175819	8.7112E-06	0.000604324
Eun	W12	85	72	0.94	0.4	0.000173487	8.84277E-06	0.000633226
Eun	W13	85	72	0.94	0.4	0.000211115	8.24769E-06	0.000625988
Eun	W14	85	72	0.94	0.4	0.000206768	8.73135E-06	0.000598774
Eun	W15	85	72	0.94	0.4	0.000250039	5.89988E-06	0.000639888
Eun	W16	85	72	0.94	0.4	0.000126128	1.08696E-05	0.000575986
Eun	W01	96	72	0.8	0.2	0.000132836	7.75768E-06	0.000363627
Eun	W02	96	72	0.8	0.2	0.000150484	6.14287E-06	0.000526134
Eun	W03	96	72	0.8	0.2	0.000165541	5.0598E-06	0.000471969
Eun	W04	96	72	0.8	0.2	0.00017271	5.66669E-06	0.000447518
Eun	W05	96	72	0.8	0.2	0.000165109	4.96652E-06	0.000416967
Eun	W06	96	72	0.8	0.2	0.00018817	2.12782E-06	0.000491132
Eun	W07	96	72	0.8	0.2	0.000197872	2.0954E-06	0.000439468
Eun	W08	96	72	0.8	0.2	0.000188429	2.13338E-06	0.000442518
Eun	W09	96	72	0.8	0.2	0.000185492	2.65706E-06	0.000485982
Eun	W10	96	72	0.8	0.2	0.000175473	3.39402E-06	0.000503633
Eun	W11	96	72	0.8	0.2	0.000149764	5.04684E-06	0.000483357
Eun	W12	96	72	0.8	0.2	0.000153968	5.89009E-06	0.000560585
Eun	W13	96	72	0.8	0.2	0.000164562	4.23699E-06	0.000538209
Eun	W14	96	72	0.8	0.2	0.000154831	5.24031E-06	0.000489332
Eun	W15	96	72	0.8	0.2	0.000196404	1.80155E-06	0.000535722
Eun	W16	96	72	0.8	0.2	0.000112078	9.54236E-06	0.000452381
Eun	W01	96	72	0.8	0.3	0.000140264	9.34918E-06	0.000364052
Eun	W02	96	72	0.8	0.3	0.000164447	8.16189E-06	0.000520446
Eun	W03	96	72	0.8	0.3	0.000176251	6.56838E-06	0.000469194
Eun	W04	96	72	0.8	0.3	0.000184945	7.44675E-06	0.000459881
Eun	W05	96	72	0.8	0.3	0.000176222	6.82317E-06	0.00044183
Eun	W06	96	72	0.8	0.3	0.000197037	3.60675E-06	0.000494183
Eun	W07	96	72	0.8	0.3	0.000205386	3.68978E-06	0.00044183
Eun	W08	96	72	0.8	0.3	0.000194993	3.66974E-06	0.000438768
Eun	W09	96	72	0.8	0.3	0.000194907	4.80034E-06	0.00048307
Eun	W10	96	72	0.8	0.3	0.000184283	5.57899E-06	0.000495295
Eun	W11	96	72	0.8	0.3	0.000157422	6.83843E-06	0.000471969
Eun	W12	96	72	0.8	0.3	0.000163986	7.88033E-06	0.00055266
Eun	W13	96	72	0.8	0.3	0.000171731	5.94048E-06	0.000538634
Eun	W14	96	72	0.8	0.3	0.000164361	7.08631E-06	0.000473069
Eun	W15	96	72	0.8	0.3	0.000201183	3.17643E-06	0.000516558
Eun	W16	96	72	0.8	0.3	0.000134506	1.03545E-05	0.000457794
Eun	W01	96	72	0.8	0.4	0.000133412	1.16135E-05	0.000371965
Eun	W02	96	72	0.8	0.4	0.000161395	1.146E-05	0.000530997
Eun	W03	96	72	0.8	0.4	0.000172076	9.45916E-06	0.000483357
Eun	W04	96	72	0.8	0.4	0.000180166	1.05745E-05	0.000490582
Eun	W05	96	72	0.8	0.4	0.000173631	9.99983E-06	0.000477794
Eun	W06	96	72	0.8	0.4	0.000196461	6.42242E-06	0.000521121
Eun	W07	96	72	0.8	0.4	0.000203659	6.56423E-06	0.000466269
Eun	W08	96	72	0.8	0.4	0.000192488	6.64657E-06	0.000456819
Eun	W09	96	72	0.8	0.4	0.000196288	8.45109E-06	0.000497795
Eun	W10	96	72	0.8	0.4	0.000187306	9.70361E-06	0.000504883
Eun	W11	96	72	0.8	0.4	0.000155666	1.04852E-05	0.000473907
Eun	W12	96	72	0.8	0.4	0.00016105	1.14848E-05	0.00054961
Eun	W13	96	72	0.8	0.4	0.000171817	9.71481E-06	0.000545997
Eun	W14	96	72	0.8	0.4	0.000160791	1.02733E-05	0.000468631
Eun	W15	96	72	0.8	0.4	0.000200808	5.94004E-06	0.00050252
Eun	W16	96	72	0.8	0.4	0.000116886	1.2438E-05	0.000479182
Eun	W01	96	72	0.94	0.2	0.000132836	6.60379E-06	0.000363627
Eun	W02	96	72	0.94	0.2	0.000150484	5.22908E-06	0.000526134
Eun	W03	96	72	0.94	0.2	0.000165541	4.30752E-06	0.000471969
Eun	W04	96	72	0.94	0.2	0.00017271	4.82421E-06	0.000447518
Eun	W05	96	72	0.94	0.2	0.000165109	4.22815E-06	0.000416967

## Zone Deadband db

Eun	W06	96	72	0.94	0.2	0.00018817	1.81234E-06	0.000491132
Eun	W07	96	72	0.94	0.2	0.000197872	1.78476E-06	0.000439468
Eun	W08	96	72	0.94	0.2	0.000188429	1.81701E-06	0.000442518
Eun	W09	96	72	0.94	0.2	0.000185492	2.26276E-06	0.000485982
Eun	W10	96	72	0.94	0.2	0.000175473	2.88991E-06	0.000503633
Eun	W11	96	72	0.94	0.2	0.000149764	4.29629E-06	0.000483357
Eun	W12	96	72	0.94	0.2	0.000153968	5.01431E-06	0.000560585
Eun	W13	96	72	0.94	0.2	0.000164562	3.6075E-06	0.000538209
Eun	W14	96	72	0.94	0.2	0.000154831	4.46126E-06	0.000489332
Eun	W15	96	72	0.94	0.2	0.000196404	1.53458E-06	0.000535722
Eun	W16	96	72	0.94	0.2	0.000112078	8.12245E-06	0.000452381
Eun	W01	96	72	0.94	0.3	0.000140264	7.95835E-06	0.000364052
Eun	W02	96	72	0.94	0.3	0.000164447	6.94754E-06	0.000520446
Eun	W03	96	72	0.94	0.3	0.000176251	5.59126E-06	0.000469194
Eun	W04	96	72	0.94	0.3	0.000184945	6.33893E-06	0.000459881
Eun	W05	96	72	0.94	0.3	0.000176222	5.80824E-06	0.00044183
Eun	W06	96	72	0.94	0.3	0.000197037	3.07094E-06	0.000494183
Eun	W07	96	72	0.94	0.3	0.000205386	3.14159E-06	0.00044183
Eun	W08	96	72	0.94	0.3	0.000194993	3.12452E-06	0.000438768
Eun	W09	96	72	0.94	0.3	0.000194907	4.08673E-06	0.00048307
Eun	W10	96	72	0.94	0.3	0.000184283	4.74936E-06	0.000495295
Eun	W11	96	72	0.94	0.3	0.000157422	5.821E-06	0.000471969
Eun	W12	96	72	0.94	0.3	0.000163986	6.70772E-06	0.00055266
Eun	W13	96	72	0.94	0.3	0.000171731	5.05726E-06	0.000538634
Eun	W14	96	72	0.94	0.3	0.000164361	6.03203E-06	0.000473069
Eun	W15	96	72	0.94	0.3	0.000201183	2.70465E-06	0.000516558
Eun	W16	96	72	0.94	0.3	0.000134506	8.81369E-06	0.000457794
Eun	W01	96	72	0.94	0.4	0.000133412	9.88496E-06	0.000371965
Eun	W02	96	72	0.94	0.4	0.000161395	9.75425E-06	0.000530997
Eun	W03	96	72	0.94	0.4	0.000172076	8.05163E-06	0.000483357
Eun	W04	96	72	0.94	0.4	0.000180166	9.00054E-06	0.000490582
Eun	W05	96	72	0.94	0.4	0.000173631	8.51154E-06	0.000477794
Eun	W06	96	72	0.94	0.4	0.000196461	5.46726E-06	0.000521121
Eun	W07	96	72	0.94	0.4	0.000203659	5.58783E-06	0.000466269
Eun	W08	96	72	0.94	0.4	0.000192488	5.65785E-06	0.000456819
Eun	W09	96	72	0.94	0.4	0.000196288	7.19341E-06	0.000497795
Eun	W10	96	72	0.94	0.4	0.000187306	8.25949E-06	0.000504883
Eun	W11	96	72	0.94	0.4	0.000155666	8.92482E-06	0.000473907
Eun	W12	96	72	0.94	0.4	0.00016105	9.77585E-06	0.00054961
Eun	W13	96	72	0.94	0.4	0.000171817	8.26899E-06	0.000545997
Eun	W14	96	72	0.94	0.4	0.000160791	8.7446E-06	0.000468631
Eun	W15	96	72	0.94	0.4	0.000200808	5.05657E-06	0.00050252
Eun	W16	96	72	0.94	0.4	0.000116886	1.05869E-05	0.000479182
Eun	W01	3	72	0.8	0.2	0.000126704	5.53224E-06	0.000272649
Eun	W02	3	72	0.8	0.2	0.000125379	5.21497E-06	0.000409467
Eun	W03	3	72	0.8	0.2	0.000144409	5.28321E-06	0.000372653
Eun	W04	3	72	0.8	0.2	0.000152039	5.546E-06	0.00035919
Eun	W05	3	72	0.8	0.2	0.000141386	5.39534E-06	0.000291124
Eun	W06	3	72	0.8	0.2	0.000157595	2.57185E-06	0.000340439
Eun	W07	3	72	0.8	0.2	0.000161539	2.32745E-06	0.000330426
Eun	W08	3	72	0.8	0.2	0.0001582	2.45982E-06	0.000339326
Eun	W09	3	72	0.8	0.2	0.000152931	3.09553E-06	0.000387928
Eun	W10	3	72	0.8	0.2	0.000141617	3.01342E-06	0.000338339
Eun	W11	3	72	0.8	0.2	0.00011919	3.63874E-06	0.000353902
Eun	W12	3	72	0.8	0.2	0.000124919	4.5269E-06	0.000425155
Eun	W13	3	72	0.8	0.2	0.000137701	3.06547E-06	0.000473769
Eun	W14	3	72	0.8	0.2	0.000120802	3.85955E-06	0.000344189
Eun	W15	3	72	0.8	0.2	0.000149764	1.08451E-06	0.000378765
Eun	W16	3	72	0.8	0.2	9.53228E-05	8.03694E-06	0.000336401
Eun	W01	3	72	0.8	0.3	0.000127222	6.70945E-06	0.000275011
Eun	W02	3	72	0.8	0.3	0.000131425	6.56636E-06	0.000397379
Eun	W03	3	72	0.8	0.3	0.00015391	6.72603E-06	0.000364315
Eun	W04	3	72	0.8	0.3	0.000159524	7.02343E-06	0.000357514
Eun	W05	3	72	0.8	0.3	0.00014677	6.92566E-06	0.00029835
Eun	W06	3	72	0.8	0.3	0.000165138	4.00488E-06	0.000343064
Eun	W07	3	72	0.8	0.3	0.000169946	3.64507E-06	0.000322226
Eun	W08	3	72	0.8	0.3	0.000168075	3.98732E-06	0.000331401
Eun	W09	3	72	0.8	0.3	0.000163065	5.03754E-06	0.000375015
Eun	W10	3	72	0.8	0.3	0.000146799	3.70412E-06	0.000325576
Eun	W11	3	72	0.8	0.3	0.000125207	4.86374E-06	0.000340714
Eun	W12	3	72	0.8	0.3	0.000128345	5.66582E-06	0.000410567
Eun	W13	3	72	0.8	0.3	0.000141156	4.01289E-06	0.000461956
Eun	W14	3	72	0.8	0.3	0.000123335	5.2121E-06	0.000331538



## Zone Deadband db

Eun	W15	3	72	0.8	0.3	0.000152701	1.45682E-06	0.000363215
Eun	W16	3	72	0.8	0.3	0.00010206	1.00165E-05	0.000329176
Eun	W01	3	72	0.8	0.4	0.000127769	8.78692E-06	0.000283486
Eun	W02	3	72	0.8	0.4	0.000138162	9.00083E-06	0.000388628
Eun	W03	3	72	0.8	0.4	0.000158084	9.86645E-06	0.000360565
Eun	W04	3	72	0.8	0.4	0.000168737	1.06854E-05	0.000367652
Eun	W05	3	72	0.8	0.4	0.000157653	1.06297E-05	0.0003164
Eun	W06	3	72	0.8	0.4	0.00017389	7.46855E-06	0.000355302
Eun	W07	3	72	0.8	0.4	0.00018031	7.23719E-06	0.000327238
Eun	W08	3	72	0.8	0.4	0.000176683	7.51657E-06	0.000337801
Eun	W09	3	72	0.8	0.4	0.000174869	9.29203E-06	0.000374603
Eun	W10	3	72	0.8	0.4	0.00015486	6.30285E-06	0.0003182
Eun	W11	3	72	0.8	0.4	0.000133844	7.61834E-06	0.000328901
Eun	W12	3	72	0.8	0.4	0.000136319	8.38041E-06	0.000397104
Eun	W13	3	72	0.8	0.4	0.000147922	6.89883E-06	0.000450856
Eun	W14	3	72	0.8	0.4	0.000128201	7.91459E-06	0.000322376
Eun	W15	3	72	0.8	0.4	0.000155148	3.36892E-06	0.000349452
Eun	W16	3	72	0.8	0.4	9.86049E-05	1.22402E-05	0.000330713
Eun	W01	3	72	0.94	0.2	0.000126704	4.70856E-06	0.000272649
Eun	W02	3	72	0.94	0.2	0.000125379	4.43872E-06	0.000409467
Eun	W03	3	72	0.94	0.2	0.000144409	4.49679E-06	0.000372653
Eun	W04	3	72	0.94	0.2	0.000152039	4.72045E-06	0.00035919
Eun	W05	3	72	0.94	0.2	0.000141386	4.59211E-06	0.000291124
Eun	W06	3	72	0.94	0.2	0.000157595	2.1892E-06	0.000340439
Eun	W07	3	72	0.94	0.2	0.000161539	1.98119E-06	0.000330426
Eun	W08	3	72	0.94	0.2	0.0001582	2.09388E-06	0.000339326
Eun	W09	3	72	0.94	0.2	0.000152931	2.63487E-06	0.000387928
Eun	W10	3	72	0.94	0.2	0.000141617	2.56499E-06	0.000338339
Eun	W11	3	72	0.94	0.2	0.00011919	3.09726E-06	0.000353902
Eun	W12	3	72	0.94	0.2	0.000124919	3.85279E-06	0.000425155
Eun	W13	3	72	0.94	0.2	0.000137701	2.60933E-06	0.000473769
Eun	W14	3	72	0.94	0.2	0.000120802	3.28485E-06	0.000344189
Eun	W15	3	72	0.94	0.2	0.000149764	9.23402E-07	0.000378765
Eun	W16	3	72	0.94	0.2	9.53228E-05	6.84044E-06	0.000336401
Eun	W01	3	72	0.94	0.3	0.000127222	5.71045E-06	0.000275011
Eun	W02	3	72	0.94	0.3	0.000131425	5.58872E-06	0.000397379
Eun	W03	3	72	0.94	0.3	0.00015391	5.7247E-06	0.000364315
Eun	W04	3	72	0.94	0.3	0.000159524	5.9779E-06	0.000357514
Eun	W05	3	72	0.94	0.3	0.00014677	5.89458E-06	0.00029835
Eun	W06	3	72	0.94	0.3	0.000165138	3.40882E-06	0.000343064
Eun	W07	3	72	0.94	0.3	0.000169946	3.10256E-06	0.000322226
Eun	W08	3	72	0.94	0.3	0.000168075	3.39385E-06	0.000331401
Eun	W09	3	72	0.94	0.3	0.000163065	4.28766E-06	0.000375015
Eun	W10	3	72	0.94	0.3	0.000146799	3.15282E-06	0.000325576
Eun	W11	3	72	0.94	0.3	0.000125207	4.13968E-06	0.000340714
Eun	W12	3	72	0.94	0.3	0.000128345	4.82217E-06	0.000410567
Eun	W13	3	72	0.94	0.3	0.000141156	3.41562E-06	0.000461956
Eun	W14	3	72	0.94	0.3	0.000123335	4.4365E-06	0.000331538
Eun	W15	3	72	0.94	0.3	0.000152701	1.24023E-06	0.000363215
Eun	W16	3	72	0.94	0.3	0.00010206	8.52493E-06	0.000329176
Eun	W01	3	72	0.94	0.4	0.000127769	7.47871E-06	0.000283486
Eun	W02	3	72	0.94	0.4	0.000138162	7.66061E-06	0.000388628
Eun	W03	3	72	0.94	0.4	0.000158084	8.39736E-06	0.000360565
Eun	W04	3	72	0.94	0.4	0.000168737	9.09439E-06	0.000367652
Eun	W05	3	72	0.94	0.4	0.000157653	9.0468E-06	0.0003164
Eun	W06	3	72	0.94	0.4	0.00017389	6.35652E-06	0.000355302
Eun	W07	3	72	0.94	0.4	0.00018031	6.15965E-06	0.000327238
Eun	W08	3	72	0.94	0.4	0.000176683	6.3974E-06	0.000337801
Eun	W09	3	72	0.94	0.4	0.000174869	7.90843E-06	0.000374603
Eun	W10	3	72	0.94	0.4	0.00015486	5.36451E-06	0.0003182
Eun	W11	3	72	0.94	0.4	0.000133844	6.48403E-06	0.000328901
Eun	W12	3	72	0.94	0.4	0.000136319	7.13275E-06	0.000397104
Eun	W13	3	72	0.94	0.4	0.000147922	5.8717E-06	0.000450856
Eun	W14	3	72	0.94	0.4	0.000128201	6.73594E-06	0.000322376
Eun	W15	3	72	0.94	0.4	0.000155148	2.86749E-06	0.000349452
Eun	W16	3	72	0.94	0.4	9.86049E-05	1.04176E-05	0.000330713
Eun	W01	5	72	0.8	0.2	0.000124947	5.90132E-06	0.000277099
Eun	W02	5	72	0.8	0.2	0.000126588	5.36929E-06	0.000393766
Eun	W03	5	72	0.8	0.2	0.000147432	5.72222E-06	0.000374603
Eun	W04	5	72	0.8	0.2	0.000157019	5.89591E-06	0.000356827
Eun	W05	5	72	0.8	0.2	0.000147	5.74614E-06	0.000293762
Eun	W06	5	72	0.8	0.2	0.000165483	2.88093E-06	0.000346827
Eun	W07	5	72	0.8	0.2	0.000166462	2.50638E-06	0.000326826



## Zone Deadband db

Eun	W08	5	72	0.8	0.2	0.000163727	2.59404E-06	0.000332226
Eun	W09	5	72	0.8	0.2	0.000155558	3.33486E-06	0.000381678
Eun	W10	5	72	0.8	0.2	0.000143862	3.22226E-06	0.000330151
Eun	W11	5	72	0.8	0.2	0.000122155	3.94304E-06	0.000351677
Eun	W12	5	72	0.8	0.2	0.000127049	4.73735E-06	0.00043043
Eun	W13	5	72	0.8	0.2	0.000138536	3.45863E-06	0.000465706
Eun	W14	5	72	0.8	0.2	0.000120312	4.09505E-06	0.000340151
Eun	W15	5	72	0.8	0.2	0.000151866	1.1661E-06	0.000375015
Eun	W16	5	72	0.8	0.2	9.21848E-05	8.13339E-06	0.000318213
Eun	W01	5	72	0.8	0.3	0.000128172	7.17901E-06	0.000282511
Eun	W02	5	72	0.8	0.3	0.000130993	6.75897E-06	0.000380153
Eun	W03	5	72	0.8	0.3	0.000155983	7.13467E-06	0.00036724
Eun	W04	5	72	0.8	0.3	0.000163583	7.28067E-06	0.000356127
Eun	W05	5	72	0.8	0.3	0.000153708	7.26768E-06	0.000301537
Eun	W06	5	72	0.8	0.3	0.000172998	4.30096E-06	0.000351402
Eun	W07	5	72	0.8	0.3	0.000174034	3.74033E-06	0.000320438
Eun	W08	5	72	0.8	0.3	0.000172076	4.07637E-06	0.000324176
Eun	W09	5	72	0.8	0.3	0.000164764	5.15123E-06	0.000370015
Eun	W10	5	72	0.8	0.3	0.000149649	3.93072E-06	0.000317938
Eun	W11	5	72	0.8	0.3	0.000127452	5.25873E-06	0.000338901
Eun	W12	5	72	0.8	0.3	0.000130849	5.96955E-06	0.000417104
Eun	W13	5	72	0.8	0.3	0.000144409	4.4101E-06	0.000454593
Eun	W14	5	72	0.8	0.3	0.000123335	5.49539E-06	0.000327376
Eun	W15	5	72	0.8	0.3	0.000155465	1.56645E-06	0.00035904
Eun	W16	5	72	0.8	0.3	9.76548E-05	1.02667E-05	0.000309875
Eun	W01	5	72	0.8	0.4	0.000127913	9.16032E-06	0.000293337
Eun	W02	5	72	0.8	0.4	0.000137241	9.12174E-06	0.000372928
Eun	W03	5	72	0.8	0.4	0.000159927	9.99758E-06	0.000364727
Eun	W04	5	72	0.8	0.4	0.000168794	1.07664E-05	0.000364327
Eun	W05	5	72	0.8	0.4	0.000158344	1.08387E-05	0.000321401
Eun	W06	5	72	0.8	0.4	0.00017936	7.52115E-06	0.000366265
Eun	W07	5	72	0.8	0.4	0.000180281	6.92586E-06	0.000326538
Eun	W08	5	72	0.8	0.4	0.000178352	7.2158E-06	0.000329326
Eun	W09	5	72	0.8	0.4	0.000173487	9.26005E-06	0.000369877
Eun	W10	5	72	0.8	0.4	0.000155666	6.47464E-06	0.00031015
Eun	W11	5	72	0.8	0.4	0.000134678	7.8809E-06	0.000326826
Eun	W12	5	72	0.8	0.4	0.000136751	8.57445E-06	0.000403904
Eun	W13	5	72	0.8	0.4	0.000149995	7.08945E-06	0.000443068
Eun	W14	5	72	0.8	0.4	0.000128143	8.08358E-06	0.0003182
Eun	W15	5	72	0.8	0.4	0.000157134	3.25986E-06	0.000345714
Eun	W16	5	72	0.8	0.4	9.66472E-05	1.24061E-05	0.000315575
Eun	W01	5	72	0.94	0.2	0.000124947	5.02266E-06	0.000277099
Eun	W02	5	72	0.94	0.2	0.000126588	4.57005E-06	0.000393766
Eun	W03	5	72	0.94	0.2	0.000147432	4.87036E-06	0.000374603
Eun	W04	5	72	0.94	0.2	0.000157019	5.01808E-06	0.000356827
Eun	W05	5	72	0.94	0.2	0.000147	4.89057E-06	0.000293762
Eun	W06	5	72	0.94	0.2	0.000165483	2.45225E-06	0.000346827
Eun	W07	5	72	0.94	0.2	0.000166462	2.13349E-06	0.000326826
Eun	W08	5	72	0.94	0.2	0.000163727	2.20809E-06	0.000332226
Eun	W09	5	72	0.94	0.2	0.000155558	2.83858E-06	0.000381678
Eun	W10	5	72	0.94	0.2	0.000143862	2.74277E-06	0.000330151
Eun	W11	5	72	0.94	0.2	0.000122155	3.35631E-06	0.000351677
Eun	W12	5	72	0.94	0.2	0.000127049	4.03192E-06	0.00043043
Eun	W13	5	72	0.94	0.2	0.000138536	2.94398E-06	0.000465706
Eun	W14	5	72	0.94	0.2	0.000120312	3.48586E-06	0.000340151
Eun	W15	5	72	0.94	0.2	0.000151866	9.92814E-07	0.000375015
Eun	W16	5	72	0.94	0.2	9.21848E-05	6.92221E-06	0.000318213
Eun	W01	5	72	0.94	0.3	0.000128172	6.11005E-06	0.000282511
Eun	W02	5	72	0.94	0.3	0.000130993	5.75277E-06	0.000380153
Eun	W03	5	72	0.94	0.3	0.000155983	6.07248E-06	0.00036724
Eun	W04	5	72	0.94	0.3	0.000163583	6.19659E-06	0.000356127
Eun	W05	5	72	0.94	0.3	0.000153708	6.18571E-06	0.000301537
Eun	W06	5	72	0.94	0.3	0.000172998	3.66076E-06	0.000351402
Eun	W07	5	72	0.94	0.3	0.000174034	3.18366E-06	0.000320438
Eun	W08	5	72	0.94	0.3	0.000172076	3.46965E-06	0.000324176
Eun	W09	5	72	0.94	0.3	0.000164764	4.38436E-06	0.000370015
Eun	W10	5	72	0.94	0.3	0.000149649	3.34568E-06	0.000317938
Eun	W11	5	72	0.94	0.3	0.000127452	4.47623E-06	0.000338901
Eun	W12	5	72	0.94	0.3	0.000130849	5.08081E-06	0.000417104
Eun	W13	5	72	0.94	0.3	0.000144409	3.75375E-06	0.000454593
Eun	W14	5	72	0.94	0.3	0.000123335	4.67718E-06	0.000327376
Eun	W15	5	72	0.94	0.3	0.000155465	1.33351E-06	0.00035904
Eun	W16	5	72	0.94	0.3	9.76548E-05	8.73797E-06	0.000309875

## Zone Deadband db

Eun	W01	5	72	0.94	0.4	0.000127913	7.79655E-06	0.000293337
Eun	W02	5	72	0.94	0.4	0.000137241	7.76373E-06	0.000372928
Eun	W03	5	72	0.94	0.4	0.000159927	8.50907E-06	0.000364727
Eun	W04	5	72	0.94	0.4	0.000168794	9.16314E-06	0.000364327
Eun	W05	5	72	0.94	0.4	0.000158344	9.22484E-06	0.000321401
Eun	W06	5	72	0.94	0.4	0.00017936	6.40128E-06	0.000366265
Eun	W07	5	72	0.94	0.4	0.000180281	5.8947E-06	0.000326538
Eun	W08	5	72	0.94	0.4	0.000178352	6.14143E-06	0.000329326
Eun	W09	5	72	0.94	0.4	0.000173487	7.88122E-06	0.000369877
Eun	W10	5	72	0.94	0.4	0.000155666	5.51067E-06	0.00031015
Eun	W11	5	72	0.94	0.4	0.000134678	6.70743E-06	0.000326826
Eun	W12	5	72	0.94	0.4	0.000136751	7.29762E-06	0.000403904
Eun	W13	5	72	0.94	0.4	0.000149995	6.03373E-06	0.000443068
Eun	W14	5	72	0.94	0.4	0.000128143	6.88017E-06	0.0003182
Eun	W15	5	72	0.94	0.4	0.000157134	2.77473E-06	0.000345714
Eun	W16	5	72	0.94	0.4	9.66472E-05	1.05589E-05	0.000315575
Eun	W01	75	74	0.8	0.2	0.000117923	8.36112E-06	0.000285299
Eun	W02	75	74	0.8	0.2	0.000147749	7.6241E-06	0.000494333
Eun	W03	75	74	0.8	0.2	0.000153133	5.98136E-06	0.000463769
Eun	W04	75	74	0.8	0.2	0.00016842	6.63229E-06	0.000461956
Eun	W05	75	74	0.8	0.2	0.000167844	6.31532E-06	0.000461544
Eun	W06	75	74	0.8	0.2	0.000183621	5.18618E-06	0.000451268
Eun	W07	75	74	0.8	0.2	0.000195626	5.00455E-06	0.000423067
Eun	W08	75	74	0.8	0.2	0.000194187	4.80265E-06	0.000471269
Eun	W09	75	74	0.8	0.2	0.000186298	5.80603E-06	0.000479607
Eun	W10	75	74	0.8	0.2	0.000186903	5.96696E-06	0.000485295
Eun	W11	75	74	0.8	0.2	0.000155695	7.1151E-06	0.000501545
Eun	W12	75	74	0.8	0.2	0.000153449	6.8367E-06	0.000556273
Eun	W13	75	74	0.8	0.2	0.000174495	6.11696E-06	0.00056516
Eun	W14	75	74	0.8	0.2	0.000168765	6.7106E-06	0.000510433
Eun	W15	75	74	0.8	0.2	0.000209273	4.00039E-06	0.000561835
Eun	W16	75	74	0.8	0.2	0.000109343	1.04654E-05	0.000481695
Eun	W01	75	74	0.8	0.3	0.00011205	1.20563E-05	0.000298625
Eun	W02	75	74	0.8	0.3	0.000153737	1.21044E-05	0.000505708
Eun	W03	75	74	0.8	0.3	0.000155062	1.00139E-05	0.000465994
Eun	W04	75	74	0.8	0.3	0.000179878	1.10409E-05	0.000484607
Eun	W05	75	74	0.8	0.3	0.000172249	1.05483E-05	0.000486832
Eun	W06	75	74	0.8	0.3	0.000192862	9.26454E-06	0.000480444
Eun	W07	75	74	0.8	0.3	0.000201557	8.97195E-06	0.00044113
Eun	W08	75	74	0.8	0.3	0.000203543	8.93662E-06	0.000473082
Eun	W09	75	74	0.8	0.3	0.000199023	1.08293E-05	0.000484745
Eun	W10	75	74	0.8	0.3	0.00019888	1.08258E-05	0.000487245
Eun	W11	75	74	0.8	0.3	0.000146828	1.21536E-05	0.000508921
Eun	W12	75	74	0.8	0.3	0.000151578	1.21516E-05	0.000549335
Eun	W13	75	74	0.8	0.3	0.000185406	1.13337E-05	0.000562935
Eun	W14	75	74	0.8	0.3	0.000171126	1.13124E-05	0.000498633
Eun	W15	75	74	0.8	0.3	0.000222631	7.38382E-06	0.000541684
Eun	W16	75	74	0.8	0.3	9.01119E-05	1.40612E-05	0.000501408
Eun	W01	75	74	0.8	0.4	0.000107242	1.90412E-05	0.000295162
Eun	W02	75	74	0.8	0.4	0.000155724	1.91627E-05	0.000554322
Eun	W03	75	74	0.8	0.4	0.000150945	1.76254E-05	0.000516408
Eun	W04	75	74	0.8	0.4	0.000172249	1.74834E-05	0.000533772
Eun	W05	75	74	0.8	0.4	0.000164562	1.8496E-05	0.000529609
Eun	W06	75	74	0.8	0.4	0.000184139	1.60463E-05	0.000521821
Eun	W07	75	74	0.8	0.4	0.000192459	1.54998E-05	0.000484882
Eun	W08	75	74	0.8	0.4	0.000199714	1.52027E-05	0.00050572
Eun	W09	75	74	0.8	0.4	0.000192028	1.74106E-05	0.000528634
Eun	W10	75	74	0.8	0.4	0.000197728	1.74912E-05	0.000502658
Eun	W11	75	74	0.8	0.4	0.000168506	1.93887E-05	0.000540997
Eun	W12	75	74	0.8	0.4	0.000161165	1.95744E-05	0.000580299
Eun	W13	75	74	0.8	0.4	0.000185895	1.82668E-05	0.000576273
Eun	W14	75	74	0.8	0.4	0.000175675	1.78721E-05	0.000523071
Eun	W15	75	74	0.8	0.4	0.000226316	1.38959E-05	0.000545572
Eun	W16	75	74	0.8	0.4	0.00010134	1.98361E-05	0.00054446
Eun	W01	75	74	0.94	0.2	0.000117923	7.11711E-06	0.000285299
Eun	W02	75	74	0.94	0.2	0.000147749	6.49007E-06	0.000494333
Eun	W03	75	74	0.94	0.2	0.000153133	5.09204E-06	0.000463769
Eun	W04	75	74	0.94	0.2	0.00016842	5.64567E-06	0.000461956
Eun	W05	75	74	0.94	0.2	0.000167844	5.37591E-06	0.000461544
Eun	W06	75	74	0.94	0.2	0.000183621	4.41508E-06	0.000451268
Eun	W07	75	74	0.94	0.2	0.000195626	4.26042E-06	0.000423067
Eun	W08	75	74	0.94	0.2	0.000194187	4.08863E-06	0.000471269
Eun	W09	75	74	0.94	0.2	0.000186298	4.94268E-06	0.000479607

## Zone Deadband db

Eun	W10	75	74	0.94	0.2	0.000186903	5.07937E-06	0.000485295
Eun	W11	75	74	0.94	0.2	0.000155695	6.0565E-06	0.000501545
Eun	W12	75	74	0.94	0.2	0.000153449	5.81985E-06	0.000556273
Eun	W13	75	74	0.94	0.2	0.000174495	5.2072E-06	0.00056516
Eun	W14	75	74	0.94	0.2	0.000168765	5.71217E-06	0.000510433
Eun	W15	75	74	0.94	0.2	0.000209273	3.40568E-06	0.000561835
Eun	W16	75	74	0.94	0.2	0.000109343	8.90755E-06	0.000481695
Eun	W01	75	74	0.94	0.3	0.00011205	1.02618E-05	0.000298625
Eun	W02	75	74	0.94	0.3	0.000153737	1.03027E-05	0.000505708
Eun	W03	75	74	0.94	0.3	0.000155062	8.52378E-06	0.000465994
Eun	W04	75	74	0.94	0.3	0.000179878	9.39755E-06	0.000484607
Eun	W05	75	74	0.94	0.3	0.000172249	8.97866E-06	0.000486832
Eun	W06	75	74	0.94	0.3	0.000192862	7.88588E-06	0.000480444
Eun	W07	75	74	0.94	0.3	0.000201557	7.63703E-06	0.00044113
Eun	W08	75	74	0.94	0.3	0.000203543	7.60685E-06	0.000473082
Eun	W09	75	74	0.94	0.3	0.000199023	9.21747E-06	0.000484745
Eun	W10	75	74	0.94	0.3	0.00019888	9.21445E-06	0.000487245
Eun	W11	75	74	0.94	0.3	0.000146828	1.03444E-05	0.000508921
Eun	W12	75	74	0.94	0.3	0.000151578	1.03427E-05	0.000549335
Eun	W13	75	74	0.94	0.3	0.000185406	9.64658E-06	0.000562935
Eun	W14	75	74	0.94	0.3	0.000171126	9.62844E-06	0.000498633
Eun	W15	75	74	0.94	0.3	0.000222631	6.28526E-06	0.000541684
Eun	W16	75	74	0.94	0.3	9.01119E-05	1.19685E-05	0.000501408
Eun	W01	75	74	0.94	0.4	0.000107242	1.62066E-05	0.000295162
Eun	W02	75	74	0.94	0.4	0.000155724	1.63097E-05	0.000554322
Eun	W03	75	74	0.94	0.4	0.000150945	1.50012E-05	0.000516408
Eun	W04	75	74	0.94	0.4	0.000172249	1.48806E-05	0.000533772
Eun	W05	75	74	0.94	0.4	0.000164562	1.57422E-05	0.000529609
Eun	W06	75	74	0.94	0.4	0.000184139	1.36576E-05	0.000521821
Eun	W07	75	74	0.94	0.4	0.000192459	1.31923E-05	0.000484882
Eun	W08	75	74	0.94	0.4	0.000199714	1.29391E-05	0.00050572
Eun	W09	75	74	0.94	0.4	0.000192028	1.48187E-05	0.000528634
Eun	W10	75	74	0.94	0.4	0.000197728	1.48869E-05	0.000502658
Eun	W11	75	74	0.94	0.4	0.000168506	1.6502E-05	0.000540997
Eun	W12	75	74	0.94	0.4	0.000161165	1.66603E-05	0.000580299
Eun	W13	75	74	0.94	0.4	0.000185895	1.5547E-05	0.000576273
Eun	W14	75	74	0.94	0.4	0.000175675	1.52111E-05	0.000523071
Eun	W15	75	74	0.94	0.4	0.000226316	1.18273E-05	0.000545572
Eun	W16	75	74	0.94	0.4	0.00010134	1.68829E-05	0.00054446
Eun	W01	85	74	0.8	0.2	0.000108077	8.59316E-06	0.0003039
Eun	W02	85	74	0.8	0.2	0.000127942	6.9104E-06	0.000483082
Eun	W03	85	74	0.8	0.2	0.000136348	5.40815E-06	0.000454056
Eun	W04	85	74	0.8	0.2	0.000150829	6.1063E-06	0.000456819
Eun	W05	85	74	0.8	0.2	0.000147375	5.77868E-06	0.000435155
Eun	W06	85	74	0.8	0.2	0.000167211	4.69739E-06	0.000467381
Eun	W07	85	74	0.8	0.2	0.000177546	4.3024E-06	0.000417242
Eun	W08	85	74	0.8	0.2	0.000164389	4.36343E-06	0.000432793
Eun	W09	85	74	0.8	0.2	0.000160013	4.8686E-06	0.000455293
Eun	W10	85	74	0.8	0.2	0.000157077	5.15915E-06	0.000457094
Eun	W11	85	74	0.8	0.2	0.000119737	6.20764E-06	0.000481269
Eun	W12	85	74	0.8	0.2	0.000129295	6.25774E-06	0.000514733
Eun	W13	85	74	0.8	0.2	0.000142624	5.13436E-06	0.000527809
Eun	W14	85	74	0.8	0.2	0.000142682	6.50216E-06	0.000483345
Eun	W15	85	74	0.8	0.2	0.000171961	3.48776E-06	0.000539184
Eun	W16	85	74	0.8	0.2	0.000117145	1.04636E-05	0.000446406
Eun	W01	85	74	0.8	0.3	0.000112482	1.08595E-05	0.000306962
Eun	W02	85	74	0.8	0.3	0.000124055	9.95261E-06	0.000484745
Eun	W03	85	74	0.8	0.3	0.000144784	7.91977E-06	0.000451968
Eun	W04	85	74	0.8	0.3	0.000159438	8.89718E-06	0.000471132
Eun	W05	85	74	0.8	0.3	0.000156962	8.50766E-06	0.000454456
Eun	W06	85	74	0.8	0.3	0.00017818	7.50232E-06	0.000476819
Eun	W07	85	74	0.8	0.3	0.000183333	6.89563E-06	0.000425017
Eun	W08	85	74	0.8	0.3	0.000174351	7.03739E-06	0.00043418
Eun	W09	85	74	0.8	0.3	0.000172249	8.2848E-06	0.000450993
Eun	W10	85	74	0.8	0.3	0.000169514	8.62898E-06	0.000451131
Eun	W11	85	74	0.8	0.3	0.000120427	9.69293E-06	0.000475844
Eun	W12	85	74	0.8	0.3	0.000130302	9.77988E-06	0.000510996
Eun	W13	85	74	0.8	0.3	0.000148929	8.76446E-06	0.000522659
Eun	W14	85	74	0.8	0.3	0.000150052	9.64888E-06	0.000464181
Eun	W15	85	74	0.8	0.3	0.000182642	6.01927E-06	0.000521271
Eun	W16	85	74	0.8	0.3	8.79239E-05	1.27812E-05	0.000455843
Eun	W01	85	74	0.8	0.4	0.000105255	1.51728E-05	0.000325151
Eun	W02	85	74	0.8	0.4	0.000138248	1.56806E-05	0.000523909

## Zone Deadband db

Eun	W03	85	74	0.8	0.4	0.000146713	1.31051E-05	0.000475857
Eun	W04	85	74	0.8	0.4	0.000163238	1.4546E-05	0.000512658
Eun	W05	85	74	0.8	0.4	0.000160445	1.45279E-05	0.00049307
Eun	W06	85	74	0.8	0.4	0.000182325	1.26069E-05	0.000512521
Eun	W07	85	74	0.8	0.4	0.000189206	1.24661E-05	0.000460581
Eun	W08	85	74	0.8	0.4	0.000185089	1.22937E-05	0.000455156
Eun	W09	85	74	0.8	0.4	0.000178583	1.42757E-05	0.00048627
Eun	W10	85	74	0.8	0.4	0.000178525	1.49237E-05	0.000467669
Eun	W11	85	74	0.8	0.4	0.000139976	1.58974E-05	0.000497658
Eun	W12	85	74	0.8	0.4	0.000140811	1.64387E-05	0.000535159
Eun	W13	85	74	0.8	0.4	0.000167182	1.50852E-05	0.000536272
Eun	W14	85	74	0.8	0.4	0.000160388	1.54699E-05	0.000486545
Eun	W15	85	74	0.8	0.4	0.000196058	1.22286E-05	0.000520709
Eun	W16	85	74	0.8	0.4	9.12923E-05	1.70009E-05	0.000495845
Eun	W01	85	74	0.94	0.2	0.000108077	7.31461E-06	0.0003039
Eun	W02	85	74	0.94	0.2	0.000127942	5.88261E-06	0.000483082
Eun	W03	85	74	0.94	0.2	0.000136348	4.60406E-06	0.000454056
Eun	W04	85	74	0.94	0.2	0.000150829	5.19799E-06	0.000456819
Eun	W05	85	74	0.94	0.2	0.000147375	4.91959E-06	0.000435155
Eun	W06	85	74	0.94	0.2	0.000167211	3.99904E-06	0.000467381
Eun	W07	85	74	0.94	0.2	0.000177546	3.66289E-06	0.000417242
Eun	W08	85	74	0.94	0.2	0.000164389	3.71477E-06	0.000432793
Eun	W09	85	74	0.94	0.2	0.000160013	4.1448E-06	0.000455293
Eun	W10	85	74	0.94	0.2	0.000157077	4.39193E-06	0.000457094
Eun	W11	85	74	0.94	0.2	0.000119737	5.28436E-06	0.000481269
Eun	W12	85	74	0.94	0.2	0.000129295	5.32697E-06	0.000514733
Eun	W13	85	74	0.94	0.2	0.000142624	4.37086E-06	0.000527809
Eun	W14	85	74	0.94	0.2	0.000142682	5.53483E-06	0.000483345
Eun	W15	85	74	0.94	0.2	0.000171961	2.96952E-06	0.000539184
Eun	W16	85	74	0.94	0.2	0.000117145	8.90639E-06	0.000446406
Eun	W01	85	74	0.94	0.3	0.000112482	9.24323E-06	0.000306962
Eun	W02	85	74	0.94	0.3	0.000124055	8.47138E-06	0.000484745
Eun	W03	85	74	0.94	0.3	0.000144784	6.74112E-06	0.000451968
Eun	W04	85	74	0.94	0.3	0.000159438	7.57343E-06	0.000471132
Eun	W05	85	74	0.94	0.3	0.000156962	7.24177E-06	0.000454456
Eun	W06	85	74	0.94	0.3	0.00017818	6.38594E-06	0.000476819
Eun	W07	85	74	0.94	0.3	0.000183333	5.86974E-06	0.000425017
Eun	W08	85	74	0.94	0.3	0.000174351	5.9904E-06	0.00043418
Eun	W09	85	74	0.94	0.3	0.000172249	7.05216E-06	0.000450993
Eun	W10	85	74	0.94	0.3	0.000169514	7.3449E-06	0.000451131
Eun	W11	85	74	0.94	0.3	0.000120427	8.25028E-06	0.000475844
Eun	W12	85	74	0.94	0.3	0.000130302	8.32427E-06	0.000510996
Eun	W13	85	74	0.94	0.3	0.000148929	7.46E-06	0.000522659
Eun	W14	85	74	0.94	0.3	0.000150052	8.21285E-06	0.000464181
Eun	W15	85	74	0.94	0.3	0.000182642	5.12394E-06	0.000521271
Eun	W16	85	74	0.94	0.3	8.79239E-05	1.08785E-05	0.000455843
Eun	W01	85	74	0.94	0.4	0.000105255	1.29139E-05	0.000325151
Eun	W02	85	74	0.94	0.4	0.000138248	1.33461E-05	0.000523909
Eun	W03	85	74	0.94	0.4	0.000146713	1.1154E-05	0.000475857
Eun	W04	85	74	0.94	0.4	0.000163238	1.23807E-05	0.000512658
Eun	W05	85	74	0.94	0.4	0.000160445	1.23652E-05	0.00049307
Eun	W06	85	74	0.94	0.4	0.000182325	1.07303E-05	0.000512521
Eun	W07	85	74	0.94	0.4	0.000189206	1.06106E-05	0.000460581
Eun	W08	85	74	0.94	0.4	0.000185089	1.04638E-05	0.000455156
Eun	W09	85	74	0.94	0.4	0.000178583	1.21505E-05	0.00048627
Eun	W10	85	74	0.94	0.4	0.000178525	1.27021E-05	0.000467669
Eun	W11	85	74	0.94	0.4	0.000139976	1.35309E-05	0.000497658
Eun	W12	85	74	0.94	0.4	0.000140811	1.39912E-05	0.000535159
Eun	W13	85	74	0.94	0.4	0.000167182	1.28394E-05	0.000536272
Eun	W14	85	74	0.94	0.4	0.000160388	1.31667E-05	0.000486545
Eun	W15	85	74	0.94	0.4	0.000196058	1.04083E-05	0.000520709
Eun	W16	85	74	0.94	0.4	9.12923E-05	1.447E-05	0.000495845
Eun	W01	96	74	0.8	0.2	8.56495E-05	8.42474E-06	0.000262648
Eun	W02	96	74	0.8	0.2	0.00011038	7.97533E-06	0.000442655
Eun	W03	96	74	0.8	0.2	0.000120284	7.06068E-06	0.000409879
Eun	W04	96	74	0.8	0.2	0.000130446	7.32411E-06	0.000402941
Eun	W05	96	74	0.8	0.2	0.000125264	7.0817E-06	0.000356677
Eun	W06	96	74	0.8	0.2	0.000140436	4.30838E-06	0.000394316
Eun	W07	96	74	0.8	0.2	0.000153017	4.20227E-06	0.00037169
Eun	W08	96	74	0.8	0.2	0.000147087	4.00356E-06	0.000348489
Eun	W09	96	74	0.8	0.2	0.000140782	4.55051E-06	0.000414467
Eun	W10	96	74	0.8	0.2	0.000138277	5.4442E-06	0.000389728
Eun	W11	96	74	0.8	0.2	0.000109919	6.74227E-06	0.000404191

## Zone Deadband db

Eun	W12	96	74	0.8	0.2	0.000116483	7.83081E-06	0.000457794
Eun	W13	96	74	0.8	0.2	0.000121262	6.09421E-06	0.000478769
Eun	W14	96	74	0.8	0.2	0.000112482	7.0604E-06	0.000385853
Eun	W15	96	74	0.8	0.2	0.000148411	3.05353E-06	0.000439743
Eun	W16	96	74	0.8	0.2	7.7905E-05	1.13869E-05	0.00036209
Eun	W01	96	74	0.8	0.3	9.06013E-05	1.06914E-05	0.000264873
Eun	W02	96	74	0.8	0.3	0.000124141	1.07901E-05	0.000442518
Eun	W03	96	74	0.8	0.3	0.000131742	9.51328E-06	0.000407104
Eun	W04	96	74	0.8	0.3	0.000143546	9.93332E-06	0.000417792
Eun	W05	96	74	0.8	0.3	0.000136953	9.92929E-06	0.000390303
Eun	W06	96	74	0.8	0.3	0.000151952	6.68999E-06	0.000405991
Eun	W07	96	74	0.8	0.3	0.000161856	6.73792E-06	0.000378765
Eun	W08	96	74	0.8	0.3	0.000156386	6.66891E-06	0.000355427
Eun	W09	96	74	0.8	0.3	0.000154889	7.62338E-06	0.000410442
Eun	W10	96	74	0.8	0.3	0.000146309	8.72539E-06	0.000384316
Eun	W11	96	74	0.8	0.3	0.000127625	9.87747E-06	0.000395854
Eun	W12	96	74	0.8	0.3	0.000132721	1.0846E-05	0.000458069
Eun	W13	96	74	0.8	0.3	0.000136607	8.7256E-06	0.00048502
Eun	W14	96	74	0.8	0.3	0.000124573	9.66846E-06	0.00037709
Eun	W15	96	74	0.8	0.3	0.000155177	5.15213E-06	0.000413629
Eun	W16	96	74	0.8	0.3	0.00010514	1.26629E-05	0.00037474
Eun	W01	96	74	0.8	0.4	8.32311E-05	1.3824E-05	0.000278336
Eun	W02	96	74	0.8	0.4	0.000119708	1.57132E-05	0.000469882
Eun	W03	96	74	0.8	0.4	0.000126819	1.40238E-05	0.000436268
Eun	W04	96	74	0.8	0.4	0.000139429	1.48987E-05	0.000463769
Eun	W05	96	74	0.8	0.4	0.000133498	1.50933E-05	0.000422105
Eun	W06	96	74	0.8	0.4	0.000149016	1.10754E-05	0.00044348
Eun	W07	96	74	0.8	0.4	0.000159006	1.11943E-05	0.000415017
Eun	W08	96	74	0.8	0.4	0.000153593	1.11431E-05	0.000382228
Eun	W09	96	74	0.8	0.4	0.000151636	1.29302E-05	0.000444881
Eun	W10	96	74	0.8	0.4	0.000149102	1.44468E-05	0.000407241
Eun	W11	96	74	0.8	0.4	0.000125293	1.48333E-05	0.000416404
Eun	W12	96	74	0.8	0.4	0.000126675	1.62334E-05	0.000479607
Eun	W13	96	74	0.8	0.4	0.000135888	1.40727E-05	0.000498908
Eun	W14	96	74	0.8	0.4	0.000122529	1.45135E-05	0.000385566
Eun	W15	96	74	0.8	0.4	0.000158862	9.96566E-06	0.000405854
Eun	W16	96	74	0.8	0.4	9.10044E-05	1.56331E-05	0.000418217
Eun	W01	96	74	0.94	0.2	8.56495E-05	7.17124E-06	0.000262648
Eun	W02	96	74	0.94	0.2	0.00011038	6.78891E-06	0.000442655
Eun	W03	96	74	0.94	0.2	0.000120284	6.01072E-06	0.000409879
Eun	W04	96	74	0.94	0.2	0.000130446	6.23442E-06	0.000402941
Eun	W05	96	74	0.94	0.2	0.000125264	6.02797E-06	0.000356677
Eun	W06	96	74	0.94	0.2	0.000140436	3.66801E-06	0.000394316
Eun	W07	96	74	0.94	0.2	0.000153017	3.5777E-06	0.00037169
Eun	W08	96	74	0.94	0.2	0.000147087	3.40859E-06	0.000348489
Eun	W09	96	74	0.94	0.2	0.000140782	3.87409E-06	0.000414467
Eun	W10	96	74	0.94	0.2	0.000138277	4.63463E-06	0.000389728
Eun	W11	96	74	0.94	0.2	0.000109919	5.73924E-06	0.000404191
Eun	W12	96	74	0.94	0.2	0.000116483	6.66598E-06	0.000457794
Eun	W13	96	74	0.94	0.2	0.000121262	5.18774E-06	0.000478769
Eun	W14	96	74	0.94	0.2	0.000112482	6.01015E-06	0.000385853
Eun	W15	96	74	0.94	0.2	0.000148411	2.60006E-06	0.000439743
Eun	W16	96	74	0.94	0.2	7.7905E-05	9.69235E-06	0.00036209
Eun	W01	96	74	0.94	0.3	9.06013E-05	9.10044E-06	0.000264873
Eun	W02	96	74	0.94	0.3	0.000124141	9.18422E-06	0.000442518
Eun	W03	96	74	0.94	0.3	0.000131742	8.09769E-06	0.000407104
Eun	W04	96	74	0.94	0.3	0.000143546	8.45497E-06	0.000417792
Eun	W05	96	74	0.94	0.3	0.000136953	8.45163E-06	0.000390303
Eun	W06	96	74	0.94	0.3	0.000151952	5.69484E-06	0.000405991
Eun	W07	96	74	0.94	0.3	0.000161856	5.73564E-06	0.000378765
Eun	W08	96	74	0.94	0.3	0.000156386	5.67691E-06	0.000355427
Eun	W09	96	74	0.94	0.3	0.000154889	6.48909E-06	0.000410442
Eun	W10	96	74	0.94	0.3	0.000146309	7.42695E-06	0.000384316
Eun	W11	96	74	0.94	0.3	0.000127625	8.40747E-06	0.000395854
Eun	W12	96	74	0.94	0.3	0.000132721	9.23201E-06	0.000458069
Eun	W13	96	74	0.94	0.3	0.000136607	7.42738E-06	0.00048502
Eun	W14	96	74	0.94	0.3	0.000124573	8.22955E-06	0.00037709
Eun	W15	96	74	0.94	0.3	0.000155177	4.386E-06	0.000413629
Eun	W16	96	74	0.94	0.3	0.00010514	1.0778E-05	0.00037474
Eun	W01	96	74	0.94	0.4	8.32311E-05	1.17664E-05	0.000278336
Eun	W02	96	74	0.94	0.4	0.000119708	1.33737E-05	0.000469882
Eun	W03	96	74	0.94	0.4	0.000126819	1.19362E-05	0.000436268
Eun	W04	96	74	0.94	0.4	0.000139429	1.2681E-05	0.000463769

## Zone Deadband db

Eun	W05	96	74	0.94	0.4	0.000133498	1.28466E-05	0.000422105
Eun	W06	96	74	0.94	0.4	0.000149016	9.42697E-06	0.000443438
Eun	W07	96	74	0.94	0.4	0.000159006	9.52837E-06	0.000415017
Eun	W08	96	74	0.94	0.4	0.000153593	9.48444E-06	0.000382228
Eun	W09	96	74	0.94	0.4	0.000151636	1.10053E-05	0.000444881
Eun	W10	96	74	0.94	0.4	0.000149102	1.2296E-05	0.000407241
Eun	W11	96	74	0.94	0.4	0.000125293	1.26252E-05	0.000416404
Eun	W12	96	74	0.94	0.4	0.000126675	1.38168E-05	0.000479607
Eun	W13	96	74	0.94	0.4	0.000135888	1.19777E-05	0.000498908
Eun	W14	96	74	0.94	0.4	0.000122529	1.23531E-05	0.000385566
Eun	W15	96	74	0.94	0.4	0.000158862	8.48249E-06	0.000405854
Eun	W16	96	74	0.94	0.4	9.10044E-05	1.33058E-05	0.000418217
Eun	W01	3	74	0.8	0.2	9.62153E-05	6.27328E-06	0.000237372
Eun	W02	3	74	0.8	0.2	0.000103816	6.0018E-06	0.000323626
Eun	W03	3	74	0.8	0.2	0.000117664	6.47611E-06	0.000296962
Eun	W04	3	74	0.8	0.2	0.000129957	6.57759E-06	0.000301125
Eun	W05	3	74	0.8	0.2	0.000120341	6.61585E-06	0.000231397
Eun	W06	3	74	0.8	0.2	0.000137068	4.44041E-06	0.000278899
Eun	W07	3	74	0.8	0.2	0.000141271	4.02178E-06	0.000264186
Eun	W08	3	74	0.8	0.2	0.000138364	4.09183E-06	0.000267236
Eun	W09	3	74	0.8	0.2	0.000132634	4.30971E-06	0.000305987
Eun	W10	3	74	0.8	0.2	0.000120053	4.04254E-06	0.000265986
Eun	W11	3	74	0.8	0.2	0.000105428	4.92305E-06	0.000287799
Eun	W12	3	74	0.8	0.2	0.00010609	5.74816E-06	0.000332651
Eun	W13	3	74	0.8	0.2	0.000116368	4.43647E-06	0.00038084
Eun	W14	3	74	0.8	0.2	9.96701E-05	5.20662E-06	0.000279724
Eun	W15	3	74	0.8	0.2	0.000116944	1.81778E-06	0.000323901
Eun	W16	3	74	0.8	0.2	8.02946E-05	9.57173E-06	0.000254735
Eun	W01	3	74	0.8	0.3	9.98716E-05	8.20796E-06	0.000252085
Eun	W02	3	74	0.8	0.3	0.000110294	7.9523E-06	0.000309738
Eun	W03	3	74	0.8	0.3	0.000123623	8.4774E-06	0.000288762
Eun	W04	3	74	0.8	0.3	0.000138306	8.71644E-06	0.000307512
Eun	W05	3	74	0.8	0.3	0.000128604	8.93521E-06	0.00024946
Eun	W06	3	74	0.8	0.3	0.000146885	6.46485E-06	0.000288487
Eun	W07	3	74	0.8	0.3	0.000149678	6.02941E-06	0.000265973
Eun	W08	3	74	0.8	0.3	0.00014821	6.30418E-06	0.000258898
Eun	W09	3	74	0.8	0.3	0.000144582	7.05377E-06	0.000293349
Eun	W10	3	74	0.8	0.3	0.000127049	5.33543E-06	0.000250148
Eun	W11	3	74	0.8	0.3	0.000110063	6.59659E-06	0.000272374
Eun	W12	3	74	0.8	0.3	0.00011133	7.56019E-06	0.000322788
Eun	W13	3	74	0.8	0.3	0.000121435	5.85768E-06	0.000371265
Eun	W14	3	74	0.8	0.3	0.000104795	7.11913E-06	0.000261123
Eun	W15	3	74	0.8	0.3	0.00012394	2.60144E-06	0.000304875
Eun	W16	3	74	0.8	0.3	8.48434E-05	1.19774E-05	0.000253485
Eun	W01	3	74	0.8	0.4	9.71366E-05	1.09191E-05	0.000279586
Eun	W02	3	74	0.8	0.4	0.000114785	1.1038E-05	0.000304725
Eun	W03	3	74	0.8	0.4	0.000126531	1.25935E-05	0.000296812
Eun	W04	3	74	0.8	0.4	0.000144294	1.31468E-05	0.000336539
Eun	W05	3	74	0.8	0.4	0.000135628	1.38364E-05	0.000284449
Eun	W06	3	74	0.8	0.4	0.000154025	1.08162E-05	0.000319463
Eun	W07	3	74	0.8	0.4	0.000160071	1.06281E-05	0.000280149
Eun	W08	3	74	0.8	0.4	0.000159207	1.074E-05	0.000261536
Eun	W09	3	74	0.8	0.4	0.000156069	1.2533E-05	0.000298487
Eun	W10	3	74	0.8	0.4	0.000136751	8.64225E-06	0.000242372
Eun	W11	3	74	0.8	0.4	0.000117462	1.03669E-05	0.000264186
Eun	W12	3	74	0.8	0.4	0.0001187	1.10907E-05	0.0003153
Eun	W13	3	74	0.8	0.4	0.000127999	9.68997E-06	0.000369602
Eun	W14	3	74	0.8	0.4	0.000111215	1.05975E-05	0.00024946
Eun	W15	3	74	0.8	0.4	0.000135369	5.57398E-06	0.000288337
Eun	W16	3	74	0.8	0.4	7.9143E-05	1.45135E-05	0.000267098
Eun	W01	3	74	0.94	0.2	9.62153E-05	5.33935E-06	0.000237372
Eun	W02	3	74	0.94	0.2	0.000103816	5.10834E-06	0.000323626
Eun	W03	3	74	0.94	0.2	0.000117664	5.51188E-06	0.000296962
Eun	W04	3	74	0.94	0.2	0.000129957	5.59822E-06	0.000301125
Eun	W05	3	74	0.94	0.2	0.000120341	5.63101E-06	0.000231397
Eun	W06	3	74	0.94	0.2	0.000137068	3.77943E-06	0.000278899
Eun	W07	3	74	0.94	0.2	0.000141271	3.42316E-06	0.000264186
Eun	W08	3	74	0.94	0.2	0.000138364	3.48275E-06	0.000267236
Eun	W09	3	74	0.94	0.2	0.000132634	3.66822E-06	0.000305987
Eun	W10	3	74	0.94	0.2	0.000120053	3.44081E-06	0.000265986
Eun	W11	3	74	0.94	0.2	0.000105428	4.19038E-06	0.000287799
Eun	W12	3	74	0.94	0.2	0.00010609	4.89221E-06	0.000332651
Eun	W13	3	74	0.94	0.2	0.000116368	3.77598E-06	0.00038084



## Zone Deadband db

Eun	W14	3	74	0.94	0.2	9.96701E-05	4.43132E-06	0.000279724
Eun	W15	3	74	0.94	0.2	0.000116944	1.54742E-06	0.000323901
Eun	W16	3	74	0.94	0.2	8.02946E-05	8.14635E-06	0.000254735
Eun	W01	3	74	0.94	0.3	9.98716E-05	6.98554E-06	0.000252085
Eun	W02	3	74	0.94	0.3	0.000110294	6.76789E-06	0.000309738
Eun	W03	3	74	0.94	0.3	0.000123623	7.21511E-06	0.000288762
Eun	W04	3	74	0.94	0.3	0.000138306	7.41834E-06	0.000307512
Eun	W05	3	74	0.94	0.3	0.000128604	7.60481E-06	0.00024946
Eun	W06	3	74	0.94	0.3	0.000146885	5.50232E-06	0.000288487
Eun	W07	3	74	0.94	0.3	0.000149678	5.13174E-06	0.000265973
Eun	W08	3	74	0.94	0.3	0.00014821	5.36557E-06	0.000258898
Eun	W09	3	74	0.94	0.3	0.000144582	6.00355E-06	0.000293349
Eun	W10	3	74	0.94	0.3	0.000127049	4.54112E-06	0.000250148
Eun	W11	3	74	0.94	0.3	0.000110063	5.61458E-06	0.000272374
Eun	W12	3	74	0.94	0.3	0.00011133	6.43445E-06	0.000322788
Eun	W13	3	74	0.94	0.3	0.000121435	4.98549E-06	0.000371265
Eun	W14	3	74	0.94	0.3	0.000104795	6.05909E-06	0.000261123
Eun	W15	3	74	0.94	0.3	0.00012394	2.21433E-06	0.000304875
Eun	W16	3	74	0.94	0.3	8.48434E-05	1.01939E-05	0.000253485
Eun	W01	3	74	0.94	0.4	9.71366E-05	9.29304E-06	0.000279586
Eun	W02	3	74	0.94	0.4	0.000114785	9.39438E-06	0.000304725
Eun	W03	3	74	0.94	0.4	0.000126531	1.07184E-05	0.000296812
Eun	W04	3	74	0.94	0.4	0.000144294	1.1189E-05	0.000336539
Eun	W05	3	74	0.94	0.4	0.000135628	1.17759E-05	0.000284449
Eun	W06	3	74	0.94	0.4	0.000154025	9.20546E-06	0.000319463
Eun	W07	3	74	0.94	0.4	0.000160071	9.04536E-06	0.000280149
Eun	W08	3	74	0.94	0.4	0.000159207	9.14083E-06	0.000261536
Eun	W09	3	74	0.94	0.4	0.000156069	1.06664E-05	0.000298487
Eun	W10	3	74	0.94	0.4	0.000136751	7.35543E-06	0.000242372
Eun	W11	3	74	0.94	0.4	0.000117462	8.82319E-06	0.000264186
Eun	W12	3	74	0.94	0.4	0.0001187	9.43901E-06	0.0003153
Eun	W13	3	74	0.94	0.4	0.000127999	8.24708E-06	0.000369602
Eun	W14	3	74	0.94	0.4	0.000111215	9.01954E-06	0.00024946
Eun	W15	3	74	0.94	0.4	0.000135369	4.74415E-06	0.000288337
Eun	W16	3	74	0.94	0.4	7.9143E-05	1.23522E-05	0.000267098
Eun	W01	5	74	0.8	0.2	9.74821E-05	6.45783E-06	0.000246122
Eun	W02	5	74	0.8	0.2	0.00010301	6.09335E-06	0.00031585
Eun	W03	5	74	0.8	0.2	0.00012204	6.76858E-06	0.000306537
Eun	W04	5	74	0.8	0.2	0.000132289	6.78695E-06	0.000301537
Eun	W05	5	74	0.8	0.2	0.000124832	6.95033E-06	0.000239872
Eun	W06	5	74	0.8	0.2	0.000143805	4.68994E-06	0.000292237
Eun	W07	5	74	0.8	0.2	0.000145619	4.11751E-06	0.000266398
Eun	W08	5	74	0.8	0.2	0.000142941	4.16769E-06	0.000266961
Eun	W09	5	74	0.8	0.2	0.000134563	4.55943E-06	0.000306675
Eun	W10	5	74	0.8	0.2	0.000121176	4.30594E-06	0.000262648
Eun	W11	5	74	0.8	0.2	0.000102607	5.22937E-06	0.000282799
Eun	W12	5	74	0.8	0.2	0.000106522	6.01792E-06	0.000343626
Eun	W13	5	74	0.8	0.2	0.000115389	4.64114E-06	0.000377928
Eun	W14	5	74	0.8	0.2	9.77124E-05	5.26737E-06	0.000278061
Eun	W15	5	74	0.8	0.2	0.000119909	1.91455E-06	0.000321126
Eun	W16	5	74	0.8	0.2	7.66095E-05	9.57604E-06	0.00025556
Eun	W01	5	74	0.8	0.3	9.90079E-05	8.38703E-06	0.000263073
Eun	W02	5	74	0.8	0.3	0.000110265	8.17657E-06	0.000308062
Eun	W03	5	74	0.8	0.3	0.000128201	8.83764E-06	0.000300437
Eun	W04	5	74	0.8	0.3	0.000139256	8.83212E-06	0.00030515
Eun	W05	5	74	0.8	0.3	0.000130849	9.07032E-06	0.000261536
Eun	W06	5	74	0.8	0.3	0.000152067	6.55364E-06	0.000303337
Eun	W07	5	74	0.8	0.3	0.000153449	5.78133E-06	0.000270986
Eun	W08	5	74	0.8	0.3	0.000150426	6.12821E-06	0.000259173
Eun	W09	5	74	0.8	0.3	0.000144294	7.11228E-06	0.000294037
Eun	W10	5	74	0.8	0.3	0.000127798	5.55901E-06	0.000248348
Eun	W11	5	74	0.8	0.3	0.000108912	6.93343E-06	0.000268623
Eun	W12	5	74	0.8	0.3	0.000113201	7.84664E-06	0.000332376
Eun	W13	5	74	0.8	0.3	0.000121378	6.06257E-06	0.00036779
Eun	W14	5	74	0.8	0.3	0.000103585	7.26883E-06	0.000260286
Eun	W15	5	74	0.8	0.3	0.00012751	2.668E-06	0.000301537
Eun	W16	5	74	0.8	0.3	8.18492E-05	1.20856E-05	0.000254035
Eun	W01	5	74	0.8	0.4	9.73669E-05	1.09994E-05	0.000292787
Eun	W02	5	74	0.8	0.4	0.000112251	1.11316E-05	0.000302375
Eun	W03	5	74	0.8	0.4	0.000129611	1.26036E-05	0.000312925
Eun	W04	5	74	0.8	0.4	0.000142999	1.3093E-05	0.000337376
Eun	W05	5	74	0.8	0.4	0.00013249	1.37171E-05	0.00030015
Eun	W06	5	74	0.8	0.4	0.000154198	1.06963E-05	0.000332788



## Zone Deadband db

Eun	W07	5	74	0.8	0.4	0.000157537	1.02114E-05	0.000287512
Eun	W08	5	74	0.8	0.4	0.000155522	1.03651E-05	0.000262936
Eun	W09	5	74	0.8	0.4	0.000151089	1.22504E-05	0.000301962
Eun	W10	5	74	0.8	0.4	0.000134765	8.74897E-06	0.000242372
Eun	W11	5	74	0.8	0.4	0.000115015	1.05261E-05	0.000261261
Eun	W12	5	74	0.8	0.4	0.000117577	1.11816E-05	0.000325288
Eun	W13	5	74	0.8	0.4	0.000128546	9.77184E-06	0.000364177
Eun	W14	5	74	0.8	0.4	0.000108883	1.06522E-05	0.000250423
Eun	W15	5	74	0.8	0.4	0.000136089	5.36963E-06	0.000286262
Eun	W16	5	74	0.8	0.4	7.64943E-05	1.44493E-05	0.000269036
Eun	W01	5	74	0.94	0.2	9.74821E-05	5.49654E-06	0.000246122
Eun	W02	5	74	0.94	0.2	0.00010301	5.18618E-06	0.00031585
Eun	W03	5	74	0.94	0.2	0.00012204	5.76086E-06	0.000306537
Eun	W04	5	74	0.94	0.2	0.000132289	5.77658E-06	0.000301537
Eun	W05	5	74	0.94	0.2	0.000124832	5.91569E-06	0.000239872
Eun	W06	5	74	0.94	0.2	0.000143805	3.99181E-06	0.000292237
Eun	W07	5	74	0.94	0.2	0.000145619	3.50463E-06	0.000266398
Eun	W08	5	74	0.94	0.2	0.000142941	3.54736E-06	0.000266961
Eun	W09	5	74	0.94	0.2	0.000134563	3.88071E-06	0.000306675
Eun	W10	5	74	0.94	0.2	0.000121176	3.66499E-06	0.000262648
Eun	W11	5	74	0.94	0.2	0.000102607	4.45089E-06	0.000282799
Eun	W12	5	74	0.94	0.2	0.000106522	5.1221E-06	0.000343626
Eun	W13	5	74	0.94	0.2	0.000115389	3.95015E-06	0.000377928
Eun	W14	5	74	0.94	0.2	9.77124E-05	4.48314E-06	0.000278061
Eun	W15	5	74	0.94	0.2	0.000119909	1.62979E-06	0.000321126
Eun	W16	5	74	0.94	0.2	7.66095E-05	8.15009E-06	0.00025556
Eun	W01	5	74	0.94	0.3	9.90079E-05	7.13813E-06	0.000263073
Eun	W02	5	74	0.94	0.3	0.000110265	6.95906E-06	0.000308062
Eun	W03	5	74	0.94	0.3	0.000128201	7.52175E-06	0.000300437
Eun	W04	5	74	0.94	0.3	0.000139256	7.51706E-06	0.00030515
Eun	W05	5	74	0.94	0.3	0.000130849	7.71983E-06	0.000261536
Eun	W06	5	74	0.94	0.3	0.000152067	5.5779E-06	0.000303337
Eun	W07	5	74	0.94	0.3	0.000153449	4.92063E-06	0.000270986
Eun	W08	5	74	0.94	0.3	0.000150426	5.21584E-06	0.000259173
Eun	W09	5	74	0.94	0.3	0.000144294	6.05333E-06	0.000294037
Eun	W10	5	74	0.94	0.3	0.000127798	4.73139E-06	0.000248348
Eun	W11	5	74	0.94	0.3	0.000108912	5.90075E-06	0.000268623
Eun	W12	5	74	0.94	0.3	0.000113201	6.67836E-06	0.000332376
Eun	W13	5	74	0.94	0.3	0.000121378	5.15996E-06	0.00036779
Eun	W14	5	74	0.94	0.3	0.000103585	6.18634E-06	0.000260286
Eun	W15	5	74	0.94	0.3	0.00012751	2.27099E-06	0.000301537
Eun	W16	5	74	0.94	0.3	8.18492E-05	1.0286E-05	0.000254035
Eun	W01	5	74	0.94	0.4	9.73669E-05	9.36156E-06	0.000292787
Eun	W02	5	74	0.94	0.4	0.000112251	9.47384E-06	0.000302375
Eun	W03	5	74	0.94	0.4	0.000129611	1.07268E-05	0.000312925
Eun	W04	5	74	0.94	0.4	0.000142999	1.11435E-05	0.000337376
Eun	W05	5	74	0.94	0.4	0.00013249	1.16746E-05	0.00030015
Eun	W06	5	74	0.94	0.4	0.000154198	9.10358E-06	0.000332788
Eun	W07	5	74	0.94	0.4	0.000157537	8.6909E-06	0.000287512
Eun	W08	5	74	0.94	0.4	0.000155522	8.82164E-06	0.000262936
Eun	W09	5	74	0.94	0.4	0.000151089	1.04261E-05	0.000301962
Eun	W10	5	74	0.94	0.4	0.000134765	7.44632E-06	0.000242372
Eun	W11	5	74	0.94	0.4	0.000115015	8.9585E-06	0.000261261
Eun	W12	5	74	0.94	0.4	0.000117577	9.51645E-06	0.000325288
Eun	W13	5	74	0.94	0.4	0.000128546	8.31664E-06	0.000364177
Eun	W14	5	74	0.94	0.4	0.000108883	9.06618E-06	0.000250423
Eun	W15	5	74	0.94	0.4	0.000136089	4.57023E-06	0.000286262
Eun	W16	5	74	0.94	0.4	7.64943E-05	1.22978E-05	0.000269036
H	W01	75	70	0.8	0.2	0.000131204	2.54472E-06	0.000330746
H	W02	75	70	0.8	0.2	0.000174586	2.145E-06	0.0004205
H	W03	75	70	0.8	0.2	0.000163299	1.86695E-06	0.00040567
H	W04	75	70	0.8	0.2	0.000182228	1.80229E-06	0.000426267
H	W05	75	70	0.8	0.2	0.000172352	1.72176E-06	0.000403404
H	W06	75	70	0.8	0.2	0.000207622	1.20799E-06	0.000434867
H	W07	75	70	0.8	0.2	0.000212912	1.14803E-06	0.000409635
H	W08	75	70	0.8	0.2	0.000221436	1.21505E-06	0.000406803
H	W09	75	70	0.8	0.2	0.000209209	1.20564E-06	0.000418234
H	W10	75	70	0.8	0.2	0.000213383	1.44959E-06	0.000441715
H	W11	75	70	0.8	0.2	0.000198569	2.6135E-06	0.000455413
H	W12	75	70	0.8	0.2	0.000180464	2.41716E-06	0.000422251
H	W13	75	70	0.8	0.2	0.000215087	2.03272E-06	0.000442282
H	W14	75	70	0.8	0.2	0.0002145	2.39247E-06	0.000446865
H	W15	75	70	0.8	0.2	0.000264465	1.11982E-06	0.000436

## Zone Deadband db

H	W16	75	70	0.8	0.2	0.000157245	4.49985E-06	0.000421118
H	W01	75	70	0.8	0.3	0.000143313	3.61869E-06	0.000351344
H	W02	75	70	0.8	0.3	0.000187459	3.00088E-06	0.000433682
H	W03	75	70	0.8	0.3	0.000174997	2.7005E-06	0.000425701
H	W04	75	70	0.8	0.3	0.000197452	2.51063E-06	0.000442282
H	W05	75	70	0.8	0.3	0.000185637	2.46184E-06	0.000426782
H	W06	75	70	0.8	0.3	0.000219085	1.71647E-06	0.000450881
H	W07	75	70	0.8	0.3	0.000225198	1.6136E-06	0.0004274
H	W08	75	70	0.8	0.3	0.000233839	1.66121E-06	0.000424516
H	W09	75	70	0.8	0.3	0.000223846	1.66709E-06	0.000433682
H	W10	75	70	0.8	0.3	0.000227197	1.9804E-06	0.000454332
H	W11	75	70	0.8	0.3	0.000211266	3.80621E-06	0.000461747
H	W12	75	70	0.8	0.3	0.000192397	3.48878E-06	0.000437133
H	W13	75	70	0.8	0.3	0.000228137	2.95914E-06	0.000449131
H	W14	75	70	0.8	0.3	0.000224551	3.32066E-06	0.000455979
H	W15	75	70	0.8	0.3	0.000276457	1.54247E-06	0.000441715
H	W16	75	70	0.8	0.3	0.000167179	5.85891E-06	0.000436
H	W01	75	70	0.8	0.4	0.000139198	6.78592E-06	0.000390788
H	W02	75	70	0.8	0.4	0.000186342	5.75075E-06	0.000457679
H	W03	75	70	0.8	0.4	0.000172352	5.48681E-06	0.000449697
H	W04	75	70	0.8	0.4	0.000195513	5.05652E-06	0.000459429
H	W05	75	70	0.8	0.4	0.000182698	5.14293E-06	0.000471428
H	W06	75	70	0.8	0.4	0.000214735	3.9226E-06	0.000471428
H	W07	75	70	0.8	0.4	0.000220966	3.72979E-06	0.000454846
H	W08	75	70	0.8	0.4	0.000230077	3.74448E-06	0.000450315
H	W09	75	70	0.8	0.4	0.00022173	3.74154E-06	0.000458863
H	W10	75	70	0.8	0.4	0.000225374	4.1736E-06	0.000475496
H	W11	75	70	0.8	0.4	0.000205858	6.77945E-06	0.000476062
H	W12	75	70	0.8	0.4	0.000190046	6.44674E-06	0.000465763
H	W13	75	70	0.8	0.4	0.000222964	5.60497E-06	0.00046118
H	W14	75	70	0.8	0.4	0.000218262	5.94826E-06	0.000472045
H	W15	75	70	0.8	0.4	0.000272695	3.33065E-06	0.00045428
H	W16	75	70	0.8	0.4	0.000160948	8.92798E-06	0.000455413
H	W01	75	70	0.94	0.2	0.000131204	2.16616E-06	0.000330746
H	W02	75	70	0.94	0.2	0.000174586	1.82522E-06	0.0004205
H	W03	75	70	0.94	0.2	0.000163299	1.58891E-06	0.00040567
H	W04	75	70	0.94	0.2	0.000182228	1.53365E-06	0.000426267
H	W05	75	70	0.94	0.2	0.000172352	1.46487E-06	0.000403404
H	W06	75	70	0.94	0.2	0.000207622	1.02812E-06	0.000434867
H	W07	75	70	0.94	0.2	0.000212912	9.76975E-07	0.000409635
H	W08	75	70	0.94	0.2	0.000221436	1.03458E-06	0.000406803
H	W09	75	70	0.94	0.2	0.000209209	1.02635E-06	0.000418234
H	W10	75	70	0.94	0.2	0.000213383	1.23386E-06	0.000441715
H	W11	75	70	0.94	0.2	0.000198569	2.22376E-06	0.000455413
H	W12	75	70	0.94	0.2	0.000180464	2.05741E-06	0.000422251
H	W13	75	70	0.94	0.2	0.000215087	1.73057E-06	0.000442282
H	W14	75	70	0.94	0.2	0.0002145	2.03566E-06	0.000446865
H	W15	75	70	0.94	0.2	0.000264465	9.52874E-07	0.000436
H	W16	75	70	0.94	0.2	0.000157245	3.82913E-06	0.000421118
H	W01	75	70	0.94	0.3	0.000143313	3.07965E-06	0.000351344
H	W02	75	70	0.94	0.3	0.000187459	2.55413E-06	0.000433682
H	W03	75	70	0.94	0.3	0.000174997	2.29842E-06	0.000425701
H	W04	75	70	0.94	0.3	0.000197452	2.13735E-06	0.000442282
H	W05	75	70	0.94	0.3	0.000185637	2.09503E-06	0.000426782
H	W06	75	70	0.94	0.3	0.000219085	1.46135E-06	0.000450881
H	W07	75	70	0.94	0.3	0.000225198	1.37317E-06	0.0004274
H	W08	75	70	0.94	0.3	0.000233839	1.41373E-06	0.000424516
H	W09	75	70	0.94	0.3	0.000223846	1.41902E-06	0.000433682
H	W10	75	70	0.94	0.3	0.000227197	1.6859E-06	0.000454332
H	W11	75	70	0.94	0.3	0.000211266	3.23895E-06	0.000461747
H	W12	75	70	0.94	0.3	0.000192397	2.96913E-06	0.000437133
H	W13	75	70	0.94	0.3	0.000228137	2.51886E-06	0.000449131
H	W14	75	70	0.94	0.3	0.000224551	2.82629E-06	0.000455979
H	W15	75	70	0.94	0.3	0.000276457	1.31263E-06	0.000441715
H	W16	75	70	0.94	0.3	0.000167179	4.98657E-06	0.000436
H	W01	75	70	0.94	0.4	0.000139198	5.77544E-06	0.000390788
H	W02	75	70	0.94	0.4	0.000186342	4.89487E-06	0.000457679
H	W03	75	70	0.94	0.4	0.000172352	4.66973E-06	0.000449697
H	W04	75	70	0.94	0.4	0.000195513	4.30292E-06	0.000459429
H	W05	75	70	0.94	0.4	0.000182698	4.37699E-06	0.000471428
H	W06	75	70	0.94	0.4	0.000214735	3.33829E-06	0.000471428
H	W07	75	70	0.94	0.4	0.000220966	3.17429E-06	0.000454846
H	W08	75	70	0.94	0.4	0.000230077	3.18663E-06	0.000450315

## Zone Deadband db

H	W09	75	70	0.94	0.4	0.00022173	3.18428E-06	0.000458863
H	W10	75	70	0.94	0.4	0.000225374	3.55167E-06	0.000475496
H	W11	75	70	0.94	0.4	0.000205858	5.77015E-06	0.000476062
H	W12	75	70	0.94	0.4	0.000190046	5.48681E-06	0.000465763
H	W13	75	70	0.94	0.4	0.000222964	4.77025E-06	0.00046118
H	W14	75	70	0.94	0.4	0.000218262	5.0624E-06	0.000472045
H	W15	75	70	0.94	0.4	0.000272695	2.83452E-06	0.00045428
H	W16	75	70	0.94	0.4	0.000160948	7.59889E-06	0.000455413
H	W01	85	70	0.8	0.2	0.000143607	2.04742E-06	0.000339294
H	W02	85	70	0.8	0.2	0.000172587	1.92573E-06	0.000333578
H	W03	85	70	0.8	0.2	0.000169472	1.63652E-06	0.000316946
H	W04	85	70	0.8	0.2	0.000179053	1.64064E-06	0.000327244
H	W05	85	70	0.8	0.2	0.000173469	1.5507E-06	0.000312981
H	W06	85	70	0.8	0.2	0.000205271	1.07926E-06	0.000399954
H	W07	85	70	0.8	0.2	0.000211149	1.04105E-06	0.000324412
H	W08	85	70	0.8	0.2	0.000207093	1.08866E-06	0.000319829
H	W09	85	70	0.8	0.2	0.000199216	1.10101E-06	0.00033296
H	W10	85	70	0.8	0.2	0.000196629	1.29969E-06	0.000335844
H	W11	85	70	0.8	0.2	0.000185226	2.27079E-06	0.000345576
H	W12	85	70	0.8	0.2	0.000175703	2.12912E-06	0.000330746
H	W13	85	70	0.8	0.2	0.000198863	1.80758E-06	0.000347276
H	W14	85	70	0.8	0.2	0.000193808	1.96336E-06	0.00034846
H	W15	85	70	0.8	0.2	0.000220084	9.92847E-07	0.00034501
H	W16	85	70	0.8	0.2	0.000158714	3.72802E-06	0.000322713
H	W01	85	70	0.8	0.3	0.000158244	2.6182E-06	0.000357574
H	W02	85	70	0.8	0.3	0.000187283	2.41128E-06	0.000349593
H	W03	85	70	0.8	0.3	0.000185049	2.12442E-06	0.00033641
H	W04	85	70	0.8	0.3	0.000194102	2.05506E-06	0.000343877
H	W05	85	70	0.8	0.3	0.000189752	1.98628E-06	0.000333578
H	W06	85	70	0.8	0.3	0.000218967	1.37552E-06	0.000416535
H	W07	85	70	0.8	0.3	0.000224081	1.31498E-06	0.000342744
H	W08	85	70	0.8	0.3	0.000221436	1.34378E-06	0.000338161
H	W09	85	70	0.8	0.3	0.000214147	1.37259E-06	0.000350159
H	W10	85	70	0.8	0.3	0.00021109	1.59596E-06	0.00035191
H	W11	85	70	0.8	0.3	0.000197452	2.98736E-06	0.000359892
H	W12	85	70	0.8	0.3	0.000186871	2.73988E-06	0.000347327
H	W13	85	70	0.8	0.3	0.000211031	2.37307E-06	0.000359892
H	W14	85	70	0.8	0.3	0.000204154	2.43421E-06	0.000362157
H	W15	85	70	0.8	0.3	0.000232428	1.34143E-06	0.000358759
H	W16	85	70	0.8	0.3	0.000168531	4.58155E-06	0.000337595
H	W01	85	70	0.8	0.4	0.000154423	4.72734E-06	0.00039362
H	W02	85	70	0.8	0.4	0.000182815	4.32173E-06	0.000385639
H	W03	85	70	0.8	0.4	0.000181699	4.05192E-06	0.000359892
H	W04	85	70	0.8	0.4	0.000191927	3.88439E-06	0.000362724
H	W05	85	70	0.8	0.4	0.000186519	3.85323E-06	0.000378172
H	W06	85	70	0.8	0.4	0.000214558	2.98324E-06	0.00043945
H	W07	85	70	0.8	0.4	0.000220613	2.92211E-06	0.000378738
H	W08	85	70	0.8	0.4	0.000216557	2.85921E-06	0.000373589
H	W09	85	70	0.8	0.4	0.000209209	2.91388E-06	0.000386205
H	W10	85	70	0.8	0.4	0.000205917	3.20015E-06	0.000387338
H	W11	85	70	0.8	0.4	0.000191515	5.18291E-06	0.000398255
H	W12	85	70	0.8	0.4	0.000181816	4.87312E-06	0.000383888
H	W13	85	70	0.8	0.4	0.000204977	4.40991E-06	0.000388471
H	W14	85	70	0.8	0.4	0.000197394	4.2653E-06	0.000393672
H	W15	85	70	0.8	0.4	0.00022849	2.86862E-06	0.000399387
H	W16	85	70	0.8	0.4	0.000161301	6.66306E-06	0.000360458
H	W01	85	70	0.94	0.2	0.000143607	1.74292E-06	0.000339294
H	W02	85	70	0.94	0.2	0.000172587	1.63887E-06	0.000333578
H	W03	85	70	0.94	0.2	0.000169472	1.39257E-06	0.000316946
H	W04	85	70	0.94	0.2	0.000179053	1.39669E-06	0.000327244
H	W05	85	70	0.94	0.2	0.000173469	1.31968E-06	0.000312981
H	W06	85	70	0.94	0.2	0.000205271	9.1878E-07	0.000399954
H	W07	85	70	0.94	0.2	0.000211149	8.85861E-07	0.000324412
H	W08	85	70	0.94	0.2	0.000207093	9.26422E-07	0.000319829
H	W09	85	70	0.94	0.2	0.000199216	9.3759E-07	0.00033296
H	W10	85	70	0.94	0.2	0.000196629	1.10689E-06	0.000335844
H	W11	85	70	0.94	0.2	0.000185226	1.93279E-06	0.000345576
H	W12	85	70	0.94	0.2	0.000175703	1.8117E-06	0.000330746
H	W13	85	70	0.94	0.2	0.000198863	1.53894E-06	0.000347276
H	W14	85	70	0.94	0.2	0.000193808	1.6712E-06	0.00034846
H	W15	85	70	0.94	0.2	0.000220084	8.44713E-07	0.00034501
H	W16	85	70	0.94	0.2	0.000158714	3.17252E-06	0.000322713
H	W01	85	70	0.94	0.3	0.000158244	2.22847E-06	0.000357574

Zone Deadband db

H	W02	85	70	0.94	0.3	0.000187283	2.05212E-06	0.000349593
H	W03	85	70	0.94	0.3	0.000185049	1.80817E-06	0.00033641
H	W04	85	70	0.94	0.3	0.000194102	1.7488E-06	0.000343877
H	W05	85	70	0.94	0.3	0.000189752	1.6906E-06	0.000333578
H	W06	85	70	0.94	0.3	0.000218967	1.17096E-06	0.000416535
H	W07	85	70	0.94	0.3	0.000224081	1.11923E-06	0.000342744
H	W08	85	70	0.94	0.3	0.000221436	1.14333E-06	0.000338161
H	W09	85	70	0.94	0.3	0.000214147	1.16802E-06	0.000350159
H	W10	85	70	0.94	0.3	0.00021109	1.35848E-06	0.00035191
H	W11	85	70	0.94	0.3	0.000197452	2.54237E-06	0.000359892
H	W12	85	70	0.94	0.3	0.000186871	2.33193E-06	0.000347327
H	W13	85	70	0.94	0.3	0.000211031	2.02038E-06	0.000359892
H	W14	85	70	0.94	0.3	0.000204154	2.07152E-06	0.000362157
H	W15	85	70	0.94	0.3	0.000232428	1.14157E-06	0.000358759
H	W16	85	70	0.94	0.3	0.000168531	3.89908E-06	0.000337595
H	W01	85	70	0.94	0.4	0.000154423	4.0237E-06	0.00039362
H	W02	85	70	0.94	0.4	0.000182815	3.67865E-06	0.000385639
H	W03	85	70	0.94	0.4	0.000181699	3.44822E-06	0.000359892
H	W04	85	70	0.94	0.4	0.000191927	3.30596E-06	0.000362724
H	W05	85	70	0.94	0.4	0.000186519	3.27892E-06	0.000378172
H	W06	85	70	0.94	0.4	0.000214558	2.53884E-06	0.00043945
H	W07	85	70	0.94	0.4	0.000220613	2.48711E-06	0.000378738
H	W08	85	70	0.94	0.4	0.000216557	2.43362E-06	0.000373589
H	W09	85	70	0.94	0.4	0.000209209	2.47947E-06	0.000386205
H	W10	85	70	0.94	0.4	0.000205917	2.72342E-06	0.000387338
H	W11	85	70	0.94	0.4	0.000191515	4.4105E-06	0.000398255
H	W12	85	70	0.94	0.4	0.000181816	4.14715E-06	0.000383888
H	W13	85	70	0.94	0.4	0.000204977	3.75271E-06	0.000388471
H	W14	85	70	0.94	0.4	0.000197394	3.62986E-06	0.000393672
H	W15	85	70	0.94	0.4	0.00022849	2.44185E-06	0.000399387
H	W16	85	70	0.94	0.4	0.000161301	5.67081E-06	0.000360458
H	W01	96	70	0.8	0.2	0.000112981	2.79396E-06	0.000275184
H	W02	96	70	0.8	0.2	0.00013185	2.43538E-06	0.000260354
H	W03	96	70	0.8	0.2	0.000132791	2.17262E-06	0.000242588
H	W04	96	70	0.8	0.2	0.000145194	2.13912E-06	0.000251754
H	W05	96	70	0.8	0.2	0.000137905	2.06799E-06	0.000239138
H	W06	96	70	0.8	0.2	0.000160831	1.41844E-06	0.000319881
H	W07	96	70	0.8	0.2	0.000169589	1.35377E-06	0.000250055
H	W08	96	70	0.8	0.2	0.000165239	1.38082E-06	0.000242022
H	W09	96	70	0.8	0.2	0.000156481	1.39257E-06	0.000256904
H	W10	96	70	0.8	0.2	0.000154247	1.60478E-06	0.000271219
H	W11	96	70	0.8	0.2	0.000140492	2.78691E-06	0.00029125
H	W12	96	70	0.8	0.2	0.000132791	2.67581E-06	0.000259736
H	W13	96	70	0.8	0.2	0.000153306	2.22906E-06	0.000315813
H	W14	96	70	0.8	0.2	0.000143313	2.59704E-06	0.000354742
H	W15	96	70	0.8	0.2	0.000176761	1.24326E-06	0.000389037
H	W16	96	70	0.8	0.2	0.000117037	4.92073E-06	0.00023574
H	W01	96	70	0.8	0.3	0.000122857	4.64916E-06	0.00030608
H	W02	96	70	0.8	0.3	0.000143372	3.87322E-06	0.000290066
H	W03	96	70	0.8	0.3	0.000145429	3.77681E-06	0.000267769
H	W04	96	70	0.8	0.3	0.000155952	3.59811E-06	0.000273485
H	W05	96	70	0.8	0.3	0.000150367	3.56226E-06	0.000274617
H	W06	96	70	0.8	0.3	0.000172881	2.71108E-06	0.000342178
H	W07	96	70	0.8	0.3	0.000179524	2.62584E-06	0.000280385
H	W08	96	70	0.8	0.3	0.000175938	2.56882E-06	0.000271219
H	W09	96	70	0.8	0.3	0.000168061	2.57705E-06	0.000285483
H	W10	96	70	0.8	0.3	0.000165063	2.82394E-06	0.000300416
H	W11	96	70	0.8	0.3	0.000149662	4.50514E-06	0.000325545
H	W12	96	70	0.8	0.3	0.000142843	4.33996E-06	0.000288933
H	W13	96	70	0.8	0.3	0.000162594	3.82384E-06	0.00033986
H	W14	96	70	0.8	0.3	0.000153424	4.00489E-06	0.000379923
H	W15	96	70	0.8	0.3	0.000187459	2.55471E-06	0.000422817
H	W16	96	70	0.8	0.3	0.000126325	6.69128E-06	0.000258036
H	W01	96	70	0.8	0.4	0.000112041	8.70401E-06	0.000357008
H	W02	96	70	0.8	0.4	0.000135084	7.31497E-06	0.000355875
H	W03	96	70	0.8	0.4	0.000135201	7.38257E-06	0.000320962
H	W04	96	70	0.8	0.4	0.000143313	7.02282E-06	0.000325545
H	W05	96	70	0.8	0.4	0.000139257	7.07278E-06	0.00033986
H	W06	96	70	0.8	0.4	0.000160772	5.84715E-06	0.000399902
H	W07	96	70	0.8	0.4	0.00016277	5.69785E-06	0.000344443
H	W08	96	70	0.8	0.4	0.000162712	5.52326E-06	0.000333578
H	W09	96	70	0.8	0.4	0.000156598	5.56735E-06	0.000349593
H	W10	96	70	0.8	0.4	0.000152718	5.82482E-06	0.000366174

## Zone Deadband db

H	W11	96	70	0.8	0.4	0.000136436	8.07092E-06	0.000389089
H	W12	96	70	0.8	0.4	0.00013185	7.93102E-06	0.000353558
H	W13	96	70	0.8	0.4	0.000147252	7.27029E-06	0.000399954
H	W14	96	70	0.8	0.4	0.000139727	7.31732E-06	0.000446865
H	W15	96	70	0.8	0.4	0.000174821	5.46213E-06	0.000492643
H	W16	96	70	0.8	0.4	0.000113275	1.03423E-05	0.000316431
H	W01	96	70	0.94	0.2	0.000112981	2.37719E-06	0.000275184
H	W02	96	70	0.94	0.2	0.00013185	2.07269E-06	0.000260354
H	W03	96	70	0.94	0.2	0.000132791	1.84873E-06	0.000242588
H	W04	96	70	0.94	0.2	0.000145194	1.8211E-06	0.000251754
H	W05	96	70	0.94	0.2	0.000137905	1.75997E-06	0.000239138
H	W06	96	70	0.94	0.2	0.000160831	1.2074E-06	0.000319881
H	W07	96	70	0.94	0.2	0.000169589	1.15215E-06	0.000250055
H	W08	96	70	0.94	0.2	0.000165239	1.17566E-06	0.000242022
H	W09	96	70	0.94	0.2	0.000156481	1.18507E-06	0.000256904
H	W10	96	70	0.94	0.2	0.000154247	1.36612E-06	0.000271219
H	W11	96	70	0.94	0.2	0.000140492	2.37249E-06	0.00029125
H	W12	96	70	0.94	0.2	0.000132791	2.27726E-06	0.000259736
H	W13	96	70	0.94	0.2	0.000153306	1.89693E-06	0.000315813
H	W14	96	70	0.94	0.2	0.000143313	2.21024E-06	0.000354742
H	W15	96	70	0.94	0.2	0.000176761	1.0581E-06	0.000389037
H	W16	96	70	0.94	0.2	0.000117037	4.18712E-06	0.00023574
H	W01	96	70	0.94	0.3	0.000122857	3.95728E-06	0.00030608
H	W02	96	70	0.94	0.3	0.000143372	3.29656E-06	0.000290066
H	W03	96	70	0.94	0.3	0.000145429	3.21485E-06	0.000267769
H	W04	96	70	0.94	0.3	0.000155952	3.06201E-06	0.000273485
H	W05	96	70	0.94	0.3	0.000150367	3.03203E-06	0.000274617
H	W06	96	70	0.94	0.3	0.000172881	2.30724E-06	0.000342178
H	W07	96	70	0.94	0.3	0.000179524	2.23493E-06	0.000280385
H	W08	96	70	0.94	0.3	0.000175938	2.18614E-06	0.000271219
H	W09	96	70	0.94	0.3	0.000168061	2.1932E-06	0.000285483
H	W10	96	70	0.94	0.3	0.000165063	2.40364E-06	0.000300416
H	W11	96	70	0.94	0.3	0.000149662	3.83442E-06	0.000325545
H	W12	96	70	0.94	0.3	0.000142843	3.69334E-06	0.000288933
H	W13	96	70	0.94	0.3	0.000162594	3.25423E-06	0.00033986
H	W14	96	70	0.94	0.3	0.000153424	3.40883E-06	0.000379923
H	W15	96	70	0.94	0.3	0.000187459	2.17439E-06	0.000422817
H	W16	96	70	0.94	0.3	0.000126325	5.69491E-06	0.000258036
H	W01	96	70	0.94	0.4	0.000112041	7.40785E-06	0.000357008
H	W02	96	70	0.94	0.4	0.000135084	6.22572E-06	0.000355875
H	W03	96	70	0.94	0.4	0.000135201	6.28333E-06	0.000320962
H	W04	96	70	0.94	0.4	0.000143313	5.97648E-06	0.000325545
H	W05	96	70	0.94	0.4	0.000139257	6.0188E-06	0.00033986
H	W06	96	70	0.94	0.4	0.000160772	4.97599E-06	0.000399902
H	W07	96	70	0.94	0.4	0.00016277	4.84902E-06	0.000344443
H	W08	96	70	0.94	0.4	0.000162712	4.7003E-06	0.000333578
H	W09	96	70	0.94	0.4	0.000156598	4.73792E-06	0.000349593
H	W10	96	70	0.94	0.4	0.000152718	4.95777E-06	0.000366174
H	W11	96	70	0.94	0.4	0.000136436	6.86881E-06	0.000389089
H	W12	96	70	0.94	0.4	0.00013185	6.75006E-06	0.000353558
H	W13	96	70	0.94	0.4	0.000147252	6.18692E-06	0.000399954
H	W14	96	70	0.94	0.4	0.000139727	6.22748E-06	0.000446865
H	W15	96	70	0.94	0.4	0.000174821	4.64857E-06	0.000492643
H	W16	96	70	0.94	0.4	0.000113275	8.80218E-06	0.000316431
H	W01	3	70	0.8	0.2	5.4198E-05	3.20133E-06	0.000172762
H	W02	3	70	0.8	0.2	5.78426E-05	2.68639E-06	0.000144183
H	W03	3	70	0.8	0.2	6.38972E-05	2.33839E-06	0.00014475
H	W04	3	70	0.8	0.2	6.78945E-05	2.32134E-06	0.000157932
H	W05	3	70	0.8	0.2	6.46614E-05	2.20848E-06	0.000136768
H	W06	3	70	0.8	0.2	8.41774E-05	1.3526E-06	0.000193411
H	W07	3	70	0.8	0.2	8.73517E-05	1.2415E-06	0.000157366
H	W08	3	70	0.8	0.2	8.57645E-05	1.3138E-06	0.000153916
H	W09	3	70	0.8	0.2	7.97099E-05	1.29969E-06	0.000191661
H	W10	3	70	0.8	0.2	7.44782E-05	1.53365E-06	0.000151032
H	W11	3	70	0.8	0.2	6.44851E-05	2.90859E-06	0.000159065
H	W12	3	70	0.8	0.2	5.80189E-05	2.77397E-06	0.000151032
H	W13	3	70	0.8	0.2	7.44194E-05	2.23082E-06	0.00020026
H	W14	3	70	0.8	0.2	6.73066E-05	3.09434E-06	0.000171629
H	W15	3	70	0.8	0.2	9.88144E-05	1.03341E-06	0.000293516
H	W16	3	70	0.8	0.2	4.53806E-05	6.2216E-06	0.000137283
H	W01	3	70	0.8	0.3	6.3133E-05	7.73233E-06	0.000223123
H	W02	3	70	0.8	0.3	6.81884E-05	5.92828E-06	0.000194544
H	W03	3	70	0.8	0.3	7.38316E-05	6.2751E-06	0.000196244

## Zone Deadband db

H	W04	3	70	0.8	0.3	7.74761E-05	5.7243E-06	0.000200827
H	W05	3	70	0.8	0.3	7.51836E-05	5.9224E-06	0.000206542
H	W06	3	70	0.8	0.3	9.13489E-05	4.51043E-06	0.000241455
H	W07	3	70	0.8	0.3	9.42293E-05	4.22768E-06	0.000215142
H	W08	3	70	0.8	0.3	9.14665E-05	4.15832E-06	0.000203092
H	W09	3	70	0.8	0.3	8.93503E-05	4.03546E-06	0.000241455
H	W10	3	70	0.8	0.3	8.2943E-05	4.2218E-06	0.000199127
H	W11	3	70	0.8	0.3	7.32437E-05	6.16458E-06	0.00020026
H	W12	3	70	0.8	0.3	6.81296E-05	6.14225E-06	0.000204843
H	W13	3	70	0.8	0.3	8.32957E-05	5.15058E-06	0.000231723
H	W14	3	70	0.8	0.3	7.66532E-05	5.8207E-06	0.000210559
H	W15	3	70	0.8	0.3	0.000107514	3.03203E-06	0.000330694
H	W16	3	70	0.8	0.3	5.38453E-05	9.62573E-06	0.000180229
H	W01	3	70	0.8	0.4	5.2846E-05	1.95783E-05	0.000198509
H	W02	3	70	0.8	0.4	6.40148E-05	1.59126E-05	0.000226574
H	W03	3	70	0.8	0.4	6.53668E-05	1.72452E-05	0.00022369
H	W04	3	70	0.8	0.4	7.13627E-05	1.60437E-05	0.00023919
H	W05	3	70	0.8	0.4	6.79533E-05	1.68225E-05	0.000221424
H	W06	3	70	0.8	0.4	8.10031E-05	1.45065E-05	0.000259221
H	W07	3	70	0.8	0.4	8.35308E-05	1.39945E-05	0.000237439
H	W08	3	70	0.8	0.4	8.10619E-05	1.36412E-05	0.000228324
H	W09	3	70	0.8	0.4	8.11795E-05	1.31263E-05	0.000270652
H	W10	3	70	0.8	0.4	7.62417E-05	1.3496E-05	0.000232341
H	W11	3	70	0.8	0.4	6.70715E-05	1.58609E-05	0.000227706
H	W12	3	70	0.8	0.4	6.46026E-05	1.62747E-05	0.000234555
H	W13	3	70	0.8	0.4	7.7241E-05	1.43848E-05	0.000262619
H	W14	3	70	0.8	0.4	7.00107E-05	1.51296E-05	0.000243206
H	W15	3	70	0.8	0.4	0.000101636	1.04869E-05	0.000360458
H	W16	3	70	0.8	0.4	5.0142E-05	1.97582E-05	0.000212825
H	W01	3	70	0.94	0.2	5.4198E-05	2.7246E-06	0.000172762
H	W02	3	70	0.94	0.2	5.78426E-05	2.28607E-06	0.000144183
H	W03	3	70	0.94	0.2	6.38972E-05	1.98981E-06	0.00014475
H	W04	3	70	0.94	0.2	6.78945E-05	1.9757E-06	0.000157932
H	W05	3	70	0.94	0.2	6.46614E-05	1.87988E-06	0.000136768
H	W06	3	70	0.94	0.2	8.41774E-05	1.15097E-06	0.000193411
H	W07	3	70	0.94	0.2	8.73517E-05	1.05633E-06	0.000157366
H	W08	3	70	0.94	0.2	8.57645E-05	1.11864E-06	0.000153916
H	W09	3	70	0.94	0.2	7.97099E-05	1.1063E-06	0.000191661
H	W10	3	70	0.94	0.2	7.44782E-05	1.30557E-06	0.000151032
H	W11	3	70	0.94	0.2	6.44851E-05	2.47536E-06	0.000159065
H	W12	3	70	0.94	0.2	5.80189E-05	2.36073E-06	0.000151032
H	W13	3	70	0.94	0.2	7.44194E-05	1.89869E-06	0.00020026
H	W14	3	70	0.94	0.2	6.73066E-05	2.63407E-06	0.000171629
H	W15	3	70	0.94	0.2	9.88144E-05	8.79983E-07	0.000293516
H	W16	3	70	0.94	0.2	4.53806E-05	5.29459E-06	0.000137283
H	W01	3	70	0.94	0.3	6.3133E-05	6.58077E-06	0.000223123
H	W02	3	70	0.94	0.3	6.81884E-05	5.04535E-06	0.000194544
H	W03	3	70	0.94	0.3	7.38316E-05	5.34044E-06	0.000196244
H	W04	3	70	0.94	0.3	7.74761E-05	4.87194E-06	0.000200827
H	W05	3	70	0.94	0.3	7.51836E-05	5.04065E-06	0.000206542
H	W06	3	70	0.94	0.3	9.13489E-05	3.83854E-06	0.000241455
H	W07	3	70	0.94	0.3	9.42293E-05	3.59753E-06	0.000215142
H	W08	3	70	0.94	0.3	9.14665E-05	3.53874E-06	0.000203092
H	W09	3	70	0.94	0.3	8.93503E-05	3.43411E-06	0.000241455
H	W10	3	70	0.94	0.3	8.2943E-05	3.59282E-06	0.000199127
H	W11	3	70	0.94	0.3	7.32437E-05	5.24639E-06	0.00020026
H	W12	3	70	0.94	0.3	6.81296E-05	5.22758E-06	0.000204843
H	W13	3	70	0.94	0.3	8.32957E-05	4.38346E-06	0.000231723
H	W14	3	70	0.94	0.3	7.66532E-05	4.95365E-06	0.000210559
H	W15	3	70	0.94	0.3	0.000107514	2.58058E-06	0.000330694
H	W16	3	70	0.94	0.3	5.38453E-05	8.19201E-06	0.000180229
H	W01	3	70	0.94	0.4	5.2846E-05	1.66627E-05	0.000198509
H	W02	3	70	0.94	0.4	6.40148E-05	1.35425E-05	0.000226574
H	W03	3	70	0.94	0.4	6.53668E-05	1.4677E-05	0.00022369
H	W04	3	70	0.94	0.4	7.13627E-05	1.36541E-05	0.00023919
H	W05	3	70	0.94	0.4	6.79533E-05	1.43178E-05	0.000221424
H	W06	3	70	0.94	0.4	8.10031E-05	1.23456E-05	0.000259221
H	W07	3	70	0.94	0.4	8.35308E-05	1.191E-05	0.000237439
H	W08	3	70	0.94	0.4	8.10619E-05	1.16097E-05	0.000228324
H	W09	3	70	0.94	0.4	8.11795E-05	1.11711E-05	0.000270652
H	W10	3	70	0.94	0.4	7.62417E-05	1.14868E-05	0.000232341
H	W11	3	70	0.94	0.4	6.70715E-05	1.3499E-05	0.000227706
H	W12	3	70	0.94	0.4	6.46026E-05	1.38505E-05	0.000234555



## Zone Deadband db

H	W13	3	70	0.94	0.4	7.7241E-05	1.22422E-05	0.000262619
H	W14	3	70	0.94	0.4	7.00107E-05	1.28759E-05	0.000243206
H	W15	3	70	0.94	0.4	0.000101636	8.92504E-06	0.000360458
H	W16	3	70	0.94	0.4	5.0142E-05	1.68155E-05	0.000212825
H	W01	5	70	0.8	0.2	6.2075E-05	3.31419E-06	0.000194544
H	W02	5	70	0.8	0.2	6.52492E-05	2.85392E-06	0.000149899
H	W03	5	70	0.8	0.2	7.33025E-05	2.3766E-06	0.000157932
H	W04	5	70	0.8	0.2	7.77113E-05	2.41363E-06	0.000164781
H	W05	5	70	0.8	0.2	7.4537E-05	2.29607E-06	0.000142484
H	W06	5	70	0.8	0.2	9.4053E-05	1.3526E-06	0.000203092
H	W07	5	70	0.8	0.2	9.98725E-05	1.23915E-06	0.000155615
H	W08	5	70	0.8	0.2	9.24658E-05	1.3526E-06	0.000157366
H	W09	5	70	0.8	0.2	8.69402E-05	1.30792E-06	0.000192794
H	W10	5	70	0.8	0.2	8.02389E-05	1.60478E-06	0.000159631
H	W11	5	70	0.8	0.2	7.0187E-05	3.03967E-06	0.000163596
H	W12	5	70	0.8	0.2	6.44263E-05	2.89566E-06	0.000160198
H	W13	5	70	0.8	0.2	8.2943E-05	2.3525E-06	0.000195677
H	W14	5	70	0.8	0.2	7.18329E-05	3.36533E-06	0.000179663
H	W15	5	70	0.8	0.2	0.000100989	1.06633E-06	0.00023404
H	W16	5	70	0.8	0.2	5.16703E-05	6.65131E-06	0.000137334
H	W01	5	70	0.8	0.3	7.24208E-05	7.80992E-06	0.000249488
H	W02	5	70	0.8	0.3	7.8064E-05	5.99588E-06	0.000211125
H	W03	5	70	0.8	0.3	8.46477E-05	6.27804E-06	0.000215142
H	W04	5	70	0.8	0.3	8.95854E-05	5.77132E-06	0.000216275
H	W05	5	70	0.8	0.3	8.62936E-05	5.93827E-06	0.000222557
H	W06	5	70	0.8	0.3	0.000102341	4.48339E-06	0.000259221
H	W07	5	70	0.8	0.3	0.000108102	4.193E-06	0.000222557
H	W08	5	70	0.8	0.3	0.000101107	4.21298E-06	0.00021509
H	W09	5	70	0.8	0.3	9.79326E-05	4.00489E-06	0.000251188
H	W10	5	70	0.8	0.3	9.05848E-05	4.2847E-06	0.000216275
H	W11	5	70	0.8	0.3	8.05328E-05	6.22925E-06	0.000212258
H	W12	5	70	0.8	0.3	7.60653E-05	6.2075E-06	0.000223175
H	W13	5	70	0.8	0.3	9.21719E-05	5.22582E-06	0.000233474
H	W14	5	70	0.8	0.3	8.24139E-05	6.02821E-06	0.000224874
H	W15	5	70	0.8	0.3	0.000111453	3.10022E-06	0.000278068
H	W16	5	70	0.8	0.3	6.02527E-05	9.95668E-06	0.000189395
H	W01	5	70	0.8	0.4	6.57783E-05	1.95906E-05	0.000214009
H	W02	5	70	0.8	0.4	6.98931E-05	1.59461E-05	0.000243721
H	W03	5	70	0.8	0.4	7.55951E-05	1.71511E-05	0.000239138
H	W04	5	70	0.8	0.4	7.90633E-05	1.60807E-05	0.000251703
H	W05	5	70	0.8	0.4	7.57714E-05	1.67079E-05	0.000236306
H	W06	5	70	0.8	0.4	8.98794E-05	1.43378E-05	0.000272918
H	W07	5	70	0.8	0.4	9.52286E-05	1.38234E-05	0.000244339
H	W08	5	70	0.8	0.4	8.77044E-05	1.36859E-05	0.000239705
H	W09	5	70	0.8	0.4	8.86449E-05	1.29728E-05	0.000276935
H	W10	5	70	0.8	0.4	8.20612E-05	1.35477E-05	0.000248304
H	W11	5	70	0.8	0.4	7.32437E-05	1.60108E-05	0.000238572
H	W12	5	70	0.8	0.4	7.07161E-05	1.63734E-05	0.000251188
H	W13	5	70	0.8	0.4	8.33544E-05	1.44906E-05	0.000263186
H	W14	5	70	0.8	0.4	7.44194E-05	1.52354E-05	0.00025747
H	W15	5	70	0.8	0.4	0.000104575	1.05898E-05	0.000303248
H	W16	5	70	0.8	0.4	5.3669E-05	1.9864E-05	0.000223741
H	W01	5	70	0.94	0.2	6.2075E-05	2.821E-06	0.000194544
H	W02	5	70	0.94	0.2	6.52492E-05	2.42892E-06	0.000149899
H	W03	5	70	0.94	0.2	7.33025E-05	2.02214E-06	0.000157932
H	W04	5	70	0.94	0.2	7.77113E-05	2.05447E-06	0.000164781
H	W05	5	70	0.94	0.2	7.4537E-05	1.95454E-06	0.000142484
H	W06	5	70	0.94	0.2	9.4053E-05	1.15097E-06	0.000203092
H	W07	5	70	0.94	0.2	9.98725E-05	1.05457E-06	0.000155615
H	W08	5	70	0.94	0.2	9.24658E-05	1.15097E-06	0.000157366
H	W09	5	70	0.94	0.2	8.69402E-05	1.11276E-06	0.000192794
H	W10	5	70	0.94	0.2	8.02389E-05	1.36612E-06	0.000159631
H	W11	5	70	0.94	0.2	7.0187E-05	2.58704E-06	0.000163596
H	W12	5	70	0.94	0.2	6.44263E-05	2.46419E-06	0.000160198
H	W13	5	70	0.94	0.2	8.2943E-05	2.00215E-06	0.000195677
H	W14	5	70	0.94	0.2	7.18329E-05	2.8645E-06	0.000179663
H	W15	5	70	0.94	0.2	0.000100989	9.07611E-07	0.00023404
H	W16	5	70	0.94	0.2	5.16703E-05	5.66081E-06	0.000137334
H	W01	5	70	0.94	0.3	7.24208E-05	6.64661E-06	0.000249488
H	W02	5	70	0.94	0.3	7.8064E-05	5.10237E-06	0.000211125
H	W03	5	70	0.94	0.3	8.46477E-05	5.34338E-06	0.000215142
H	W04	5	70	0.94	0.3	8.95854E-05	4.91192E-06	0.000216275
H	W05	5	70	0.94	0.3	8.62936E-05	5.05417E-06	0.000222557



## Zone Deadband db

H	W06	5	70	0.94	0.3	0.000102341	3.81561E-06	0.000259221
H	W07	5	70	0.94	0.3	0.000108102	3.56931E-06	0.000222557
H	W08	5	70	0.94	0.3	0.000101107	3.58577E-06	0.00021509
H	W09	5	70	0.94	0.3	9.79326E-05	3.40824E-06	0.000251188
H	W10	5	70	0.94	0.3	9.05848E-05	3.6469E-06	0.000216275
H	W11	5	70	0.94	0.3	8.05328E-05	5.30165E-06	0.000212258
H	W12	5	70	0.94	0.3	7.60653E-05	5.28284E-06	0.000223175
H	W13	5	70	0.94	0.3	9.21719E-05	4.44753E-06	0.000233474
H	W14	5	70	0.94	0.3	8.24139E-05	5.13059E-06	0.000224874
H	W15	5	70	0.94	0.3	0.000111453	2.63877E-06	0.000278068
H	W16	5	70	0.94	0.3	6.02527E-05	8.47358E-06	0.000189395
H	W01	5	70	0.94	0.4	6.57783E-05	1.66732E-05	0.000214009
H	W02	5	70	0.94	0.4	6.98931E-05	1.35707E-05	0.000243721
H	W03	5	70	0.94	0.4	7.55951E-05	1.45964E-05	0.000239138
H	W04	5	70	0.94	0.4	7.90633E-05	1.36859E-05	0.000251703
H	W05	5	70	0.94	0.4	7.57714E-05	1.42196E-05	0.000236306
H	W06	5	70	0.94	0.4	8.98794E-05	1.22028E-05	0.000272918
H	W07	5	70	0.94	0.4	9.52286E-05	1.17648E-05	0.000244339
H	W08	5	70	0.94	0.4	8.77044E-05	1.16473E-05	0.000239705
H	W09	5	70	0.94	0.4	8.86449E-05	1.10406E-05	0.000276935
H	W10	5	70	0.94	0.4	8.20612E-05	1.15297E-05	0.000248304
H	W11	5	70	0.94	0.4	7.32437E-05	1.36265E-05	0.000238572
H	W12	5	70	0.94	0.4	7.07161E-05	1.39351E-05	0.000251188
H	W13	5	70	0.94	0.4	8.33544E-05	1.23321E-05	0.000263186
H	W14	5	70	0.94	0.4	7.44194E-05	1.29664E-05	0.00025747
H	W15	5	70	0.94	0.4	0.000104575	9.01262E-06	0.000303248
H	W16	5	70	0.94	0.4	5.3669E-05	1.69048E-05	0.000223741
H	W01	75	72	0.8	0.2	0.000101166	3.46879E-06	0.000264937
H	W02	75	72	0.8	0.2	0.0001362	2.85216E-06	0.000332445
H	W03	75	72	0.8	0.2	0.00012656	2.60468E-06	0.000311281
H	W04	75	72	0.8	0.2	0.000139434	2.39659E-06	0.000330179
H	W05	75	72	0.8	0.2	0.000133673	2.36543E-06	0.000304947
H	W06	75	72	0.8	0.2	0.000160243	1.68649E-06	0.000332445
H	W07	75	72	0.8	0.2	0.000167297	1.57597E-06	0.000306647
H	W08	75	72	0.8	0.2	0.000168766	1.63182E-06	0.000328429
H	W09	75	72	0.8	0.2	0.000162594	1.63535E-06	0.000344443
H	W10	75	72	0.8	0.2	0.000165063	1.89164E-06	0.000351344
H	W11	75	72	0.8	0.2	0.000149074	3.45468E-06	0.000361024
H	W12	75	72	0.8	0.2	0.00013914	3.20603E-06	0.000328995
H	W13	75	72	0.8	0.2	0.000163593	2.67816E-06	0.000351292
H	W14	75	72	0.8	0.2	0.000162359	3.10727E-06	0.000364474
H	W15	75	72	0.8	0.2	0.00020339	1.47428E-06	0.00037534
H	W16	75	72	0.8	0.2	0.0001198	5.68491E-06	0.000327296
H	W01	75	72	0.8	0.3	0.000113393	6.05583E-06	0.000294649
H	W02	75	72	0.8	0.3	0.000148133	5.01655E-06	0.000356441
H	W03	75	72	0.8	0.3	0.000138552	4.81081E-06	0.000339294
H	W04	75	72	0.8	0.3	0.000154541	4.36523E-06	0.000352991
H	W05	75	72	0.8	0.3	0.000146546	4.43518E-06	0.00033986
H	W06	75	72	0.8	0.3	0.000172234	3.32771E-06	0.000355309
H	W07	75	72	0.8	0.3	0.000177231	3.14666E-06	0.000334711
H	W08	75	72	0.8	0.3	0.000181228	3.159E-06	0.000354691
H	W09	75	72	0.8	0.3	0.000176878	3.16488E-06	0.00036844
H	W10	75	72	0.8	0.3	0.000178289	3.53522E-06	0.000373023
H	W11	75	72	0.8	0.3	0.000163535	5.93415E-06	0.00037534
H	W12	75	72	0.8	0.3	0.000151954	5.61143E-06	0.000355309
H	W13	75	72	0.8	0.3	0.000177172	4.83902E-06	0.000366174
H	W14	75	72	0.8	0.3	0.000174351	5.20524E-06	0.000380489
H	W15	75	72	0.8	0.3	0.000216145	2.82041E-06	0.000387338
H	W16	75	72	0.8	0.3	0.000130792	8.18555E-06	0.000349026
H	W01	75	72	0.8	0.4	0.000106926	1.11065E-05	0.000358707
H	W02	75	72	0.8	0.4	0.000145429	9.51228E-06	0.000409068
H	W03	75	72	0.8	0.4	0.000134202	9.4729E-06	0.00039707
H	W04	75	72	0.8	0.4	0.000151719	8.64405E-06	0.000394804
H	W05	75	72	0.8	0.4	0.000142549	9.06671E-06	0.00042395
H	W06	75	72	0.8	0.4	0.000166121	7.33613E-06	0.000404537
H	W07	75	72	0.8	0.4	0.000171823	7.02752E-06	0.000395371
H	W08	75	72	0.8	0.4	0.000177055	6.98755E-06	0.000407935
H	W09	75	72	0.8	0.4	0.00017388	6.93582E-06	0.0004205
H	W10	75	72	0.8	0.4	0.000176937	7.46545E-06	0.000420551
H	W11	75	72	0.8	0.4	0.00015895	1.05369E-05	0.000409068
H	W12	75	72	0.8	0.4	0.000148192	1.02635E-05	0.000414836
H	W13	75	72	0.8	0.4	0.000172528	9.06141E-06	0.000391354
H	W14	75	72	0.8	0.4	0.000168061	9.42117E-06	0.000415402

## Zone Deadband db

H	W15	75	72	0.8	0.4	0.000213324	6.02468E-06	0.000416535
H	W16	75	72	0.8	0.4	0.000124032	1.26936E-05	0.000392487
H	W01	75	72	0.94	0.2	0.000101166	2.95209E-06	0.000264937
H	W02	75	72	0.94	0.2	0.0001362	2.42774E-06	0.000332445
H	W03	75	72	0.94	0.2	0.00012656	2.21671E-06	0.000311281
H	W04	75	72	0.94	0.2	0.000139434	2.03919E-06	0.000330179
H	W05	75	72	0.94	0.2	0.000133673	2.01332E-06	0.000304947
H	W06	75	72	0.94	0.2	0.000160243	1.43548E-06	0.000332445
H	W07	75	72	0.94	0.2	0.000167297	1.34084E-06	0.000306647
H	W08	75	72	0.94	0.2	0.000168766	1.38904E-06	0.000328429
H	W09	75	72	0.94	0.2	0.000162594	1.3914E-06	0.000344443
H	W10	75	72	0.94	0.2	0.000165063	1.61007E-06	0.000351344
H	W11	75	72	0.94	0.2	0.000149074	2.94033E-06	0.000361024
H	W12	75	72	0.94	0.2	0.00013914	2.72871E-06	0.000328995
H	W13	75	72	0.94	0.2	0.000163593	2.27902E-06	0.000351292
H	W14	75	72	0.94	0.2	0.000162359	2.64465E-06	0.000364474
H	W15	75	72	0.94	0.2	0.00020339	1.25443E-06	0.00037534
H	W16	75	72	0.94	0.2	0.0001198	4.83844E-06	0.000327296
H	W01	75	72	0.94	0.3	0.000113393	5.1541E-06	0.000294649
H	W02	75	72	0.94	0.3	0.000148133	4.26942E-06	0.000356441
H	W03	75	72	0.94	0.3	0.000138552	4.09424E-06	0.000339294
H	W04	75	72	0.94	0.3	0.000154541	3.71509E-06	0.000352991
H	W05	75	72	0.94	0.3	0.000146546	3.77505E-06	0.00033986
H	W06	75	72	0.94	0.3	0.000172234	2.83158E-06	0.000355309
H	W07	75	72	0.94	0.3	0.000177231	2.67816E-06	0.000334711
H	W08	75	72	0.94	0.3	0.000181228	2.68815E-06	0.000354691
H	W09	75	72	0.94	0.3	0.000176878	2.69344E-06	0.00036844
H	W10	75	72	0.94	0.3	0.000178289	3.00911E-06	0.000373023
H	W11	75	72	0.94	0.3	0.000163535	5.05064E-06	0.00037534
H	W12	75	72	0.94	0.3	0.000151954	4.77554E-06	0.000355309
H	W13	75	72	0.94	0.3	0.000177172	4.11834E-06	0.000366174
H	W14	75	72	0.94	0.3	0.000174351	4.43048E-06	0.000380489
H	W15	75	72	0.94	0.3	0.000216145	2.40011E-06	0.000387338
H	W16	75	72	0.94	0.3	0.000130792	6.96639E-06	0.000349026
H	W01	75	72	0.94	0.4	0.000106926	9.45291E-06	0.000358707
H	W02	75	72	0.94	0.4	0.000145429	8.09561E-06	0.000409068
H	W03	75	72	0.94	0.4	0.000134202	8.0621E-06	0.00039707
H	W04	75	72	0.94	0.4	0.000151719	7.3567E-06	0.000394804
H	W05	75	72	0.94	0.4	0.000142549	7.71587E-06	0.00042395
H	W06	75	72	0.94	0.4	0.000166121	6.24335E-06	0.000404537
H	W07	75	72	0.94	0.4	0.000171823	5.98059E-06	0.000395371
H	W08	75	72	0.94	0.4	0.000177055	5.94709E-06	0.000407935
H	W09	75	72	0.94	0.4	0.00017388	5.903E-06	0.0004205
H	W10	75	72	0.94	0.4	0.000176937	6.35387E-06	0.000420551
H	W11	75	72	0.94	0.4	0.00015895	8.96736E-06	0.000409068
H	W12	75	72	0.94	0.4	0.000148192	8.73517E-06	0.000414836
H	W13	75	72	0.94	0.4	0.000172528	7.71234E-06	0.000391354
H	W14	75	72	0.94	0.4	0.000168061	8.01801E-06	0.000415402
H	W15	75	72	0.94	0.4	0.000213324	5.12765E-06	0.000416535
H	W16	75	72	0.94	0.4	0.000124032	1.08032E-05	0.000392487
H	W01	85	72	0.8	0.2	0.00010675	2.85568E-06	0.000273485
H	W02	85	72	0.8	0.2	0.00013044	2.58998E-06	0.000269468
H	W03	85	72	0.8	0.2	0.000128324	2.33722E-06	0.000260302
H	W04	85	72	0.8	0.2	0.000136965	2.22083E-06	0.000268387
H	W05	85	72	0.8	0.2	0.000132497	2.18203E-06	0.000255771
H	W06	85	72	0.8	0.2	0.000157891	1.54893E-06	0.000322095
H	W07	85	72	0.8	0.2	0.000161947	1.46135E-06	0.000263752
H	W08	85	72	0.8	0.2	0.000161124	1.47075E-06	0.000263186
H	W09	85	72	0.8	0.2	0.00015313	1.50191E-06	0.000272352
H	W10	85	72	0.8	0.2	0.000151837	1.7006E-06	0.000278634
H	W11	85	72	0.8	0.2	0.000141902	3.02733E-06	0.000283783
H	W12	85	72	0.8	0.2	0.000135377	2.84275E-06	0.000268902
H	W13	85	72	0.8	0.2	0.000154129	2.40011E-06	0.000278634
H	W14	85	72	0.8	0.2	0.000149015	2.55883E-06	0.000284968
H	W15	85	72	0.8	0.2	0.000173116	1.28382E-06	0.000290066
H	W16	85	72	0.8	0.2	0.000118801	4.79729E-06	0.000260354
H	W01	85	72	0.8	0.3	0.000118742	4.58332E-06	0.000301497
H	W02	85	72	0.8	0.3	0.000144489	4.11658E-06	0.000295215
H	W03	85	72	0.8	0.3	0.000142314	3.91613E-06	0.000284916
H	W04	85	72	0.8	0.3	0.000150779	3.67806E-06	0.000289499
H	W05	85	72	0.8	0.3	0.000146429	3.66571E-06	0.000288984
H	W06	85	72	0.8	0.3	0.000169295	2.79808E-06	0.000344443
H	W07	85	72	0.8	0.3	0.000174703	2.7146E-06	0.000291816

## Zone Deadband db

H	W08	85	72	0.8	0.3	0.00017247	2.63466E-06	0.000288933
H	W09	85	72	0.8	0.3	0.000166297	2.69579E-06	0.000298099
H	W10	85	72	0.8	0.3	0.000164593	2.94445E-06	0.000303815
H	W11	85	72	0.8	0.3	0.000152366	4.89722E-06	0.00030953
H	W12	85	72	0.8	0.3	0.000146487	4.62094E-06	0.000295215
H	W13	85	72	0.8	0.3	0.000164005	4.11129E-06	0.000298665
H	W14	85	72	0.8	0.3	0.000159008	4.01312E-06	0.000305514
H	W15	85	72	0.8	0.3	0.000185931	2.52709E-06	0.000312981
H	W16	85	72	0.8	0.3	0.000128735	6.55784E-06	0.0002809
H	W01	85	72	0.8	0.4	0.000114333	8.53237E-06	0.000361024
H	W02	85	72	0.8	0.4	0.000139551	7.67766E-06	0.000364474
H	W03	85	72	0.8	0.4	0.0001362	7.56362E-06	0.000339294
H	W04	85	72	0.8	0.4	0.000147604	7.13803E-06	0.000336462
H	W05	85	72	0.8	0.4	0.00014202	7.27617E-06	0.00037019
H	W06	85	72	0.8	0.4	0.000163006	5.97413E-06	0.00039707
H	W07	85	72	0.8	0.4	0.000167003	5.84245E-06	0.00036329
H	W08	85	72	0.8	0.4	0.000165474	5.66552E-06	0.000357008
H	W09	85	72	0.8	0.4	0.000160889	5.74957E-06	0.000365607
H	W10	85	72	0.8	0.4	0.000158244	6.06465E-06	0.000374773
H	W11	85	72	0.8	0.4	0.000144371	8.67345E-06	0.000378172
H	W12	85	72	0.8	0.4	0.000138963	8.35131E-06	0.000366174
H	W13	85	72	0.8	0.4	0.000155481	7.7094E-06	0.000352991
H	W14	85	72	0.8	0.4	0.000149956	7.35553E-06	0.000365041
H	W15	85	72	0.8	0.4	0.000178113	5.4004E-06	0.000381622
H	W16	85	72	0.8	0.4	0.000121211	1.01236E-05	0.000329562
H	W01	85	72	0.94	0.2	0.00010675	2.43009E-06	0.000273485
H	W02	85	72	0.94	0.2	0.00013044	2.20437E-06	0.000269468
H	W03	85	72	0.94	0.2	0.000128324	1.98922E-06	0.000260302
H	W04	85	72	0.94	0.2	0.000136965	1.88988E-06	0.000268387
H	W05	85	72	0.94	0.2	0.000132497	1.85755E-06	0.000255771
H	W06	85	72	0.94	0.2	0.000157891	1.31792E-06	0.000322095
H	W07	85	72	0.94	0.2	0.000161947	1.24326E-06	0.000263752
H	W08	85	72	0.94	0.2	0.000161124	1.25149E-06	0.000263186
H	W09	85	72	0.94	0.2	0.00015313	1.27794E-06	0.000272352
H	W10	85	72	0.94	0.2	0.000151837	1.44724E-06	0.000278634
H	W11	85	72	0.94	0.2	0.000141902	2.57646E-06	0.000283783
H	W12	85	72	0.94	0.2	0.000135377	2.41892E-06	0.000268902
H	W13	85	72	0.94	0.2	0.000154129	2.04212E-06	0.000278634
H	W14	85	72	0.94	0.2	0.000149015	2.17791E-06	0.000284968
H	W15	85	72	0.94	0.2	0.000173116	1.09278E-06	0.000290066
H	W16	85	72	0.94	0.2	0.000118801	4.08307E-06	0.000260354
H	W01	85	72	0.94	0.3	0.000118742	3.90026E-06	0.000301497
H	W02	85	72	0.94	0.3	0.000144489	3.50406E-06	0.000295215
H	W03	85	72	0.94	0.3	0.000142314	3.333E-06	0.000284916
H	W04	85	72	0.94	0.3	0.000150779	3.13079E-06	0.000289499
H	W05	85	72	0.94	0.3	0.000146429	3.11962E-06	0.000288984
H	W06	85	72	0.94	0.3	0.000169295	2.3813E-06	0.000344443
H	W07	85	72	0.94	0.3	0.000174703	2.31018E-06	0.000291816
H	W08	85	72	0.94	0.3	0.00017247	2.24258E-06	0.000288933
H	W09	85	72	0.94	0.3	0.000166297	2.2943E-06	0.000298099
H	W10	85	72	0.94	0.3	0.000164593	2.50651E-06	0.000303815
H	W11	85	72	0.94	0.3	0.000152366	4.16772E-06	0.00030953
H	W12	85	72	0.94	0.3	0.000146487	3.93259E-06	0.000295215
H	W13	85	72	0.94	0.3	0.000164005	3.49936E-06	0.000298665
H	W14	85	72	0.94	0.3	0.000159008	3.4153E-06	0.000305514
H	W15	85	72	0.94	0.3	0.000185931	2.15087E-06	0.000312981
H	W16	85	72	0.94	0.3	0.000128735	5.58146E-06	0.0002809
H	W01	85	72	0.94	0.4	0.000114333	7.26148E-06	0.000361024
H	W02	85	72	0.94	0.4	0.000139551	6.53433E-06	0.000364474
H	W03	85	72	0.94	0.4	0.0001362	6.43734E-06	0.000339294
H	W04	85	72	0.94	0.4	0.000147604	6.07523E-06	0.000336462
H	W05	85	72	0.94	0.4	0.00014202	6.19221E-06	0.00037019
H	W06	85	72	0.94	0.4	0.000163006	5.08474E-06	0.00039707
H	W07	85	72	0.94	0.4	0.000167003	4.97246E-06	0.00036329
H	W08	85	72	0.94	0.4	0.000165474	4.82139E-06	0.000357008
H	W09	85	72	0.94	0.4	0.000160889	4.89369E-06	0.000365607
H	W10	85	72	0.94	0.4	0.000158244	5.16174E-06	0.000374773
H	W11	85	72	0.94	0.4	0.000144371	7.38198E-06	0.000378172
H	W12	85	72	0.94	0.4	0.000138963	7.10746E-06	0.000366174
H	W13	85	72	0.94	0.4	0.000155481	6.56137E-06	0.000352991
H	W14	85	72	0.94	0.4	0.000149956	6.2604E-06	0.000365041
H	W15	85	72	0.94	0.4	0.000178113	4.59625E-06	0.000381622
H	W16	85	72	0.94	0.4	0.000121211	8.61525E-06	0.000329562

## Zone Deadband db

H	W01	96	72	0.8	0.2	8.07092E-05	3.88027E-06	0.000227706
H	W02	96	72	0.8	0.2	9.96961E-05	3.31948E-06	0.000213443
H	W03	96	72	0.8	0.2	9.91083E-05	3.08964E-06	0.000213443
H	W04	96	72	0.8	0.2	0.000109219	2.93563E-06	0.000219107
H	W05	96	72	0.8	0.2	0.000101989	2.89801E-06	0.00020716
H	W06	96	72	0.8	0.2	0.000122269	2.05682E-06	0.000263752
H	W07	96	72	0.8	0.2	0.000128853	1.93279E-06	0.000216841
H	W08	96	72	0.8	0.2	0.000126031	1.9469E-06	0.00020541
H	W09	96	72	0.8	0.2	0.000119741	1.96571E-06	0.000217408
H	W10	96	72	0.8	0.2	0.000118859	2.19496E-06	0.000219107
H	W11	96	72	0.8	0.2	0.000105163	3.75213E-06	0.00023404
H	W12	96	72	0.8	0.2	0.000100519	3.63162E-06	0.000215142
H	W13	96	72	0.8	0.2	0.000116449	3.07788E-06	0.000228891
H	W14	96	72	0.8	0.2	0.000109924	3.48995E-06	0.000258603
H	W15	96	72	0.8	0.2	0.000138434	1.80053E-06	0.000349593
H	W16	96	72	0.8	0.2	8.45301E-05	6.19927E-06	0.000201445
H	W01	96	72	0.8	0.3	9.52286E-05	7.62828E-06	0.000275184
H	W02	96	72	0.8	0.3	0.000113687	6.30331E-06	0.000263804
H	W03	96	72	0.8	0.3	0.000113334	6.4297E-06	0.000250621
H	W04	96	72	0.8	0.3	0.000122504	6.00704E-06	0.000251754
H	W05	96	72	0.8	0.3	0.000117684	6.07523E-06	0.000270086
H	W06	96	72	0.8	0.3	0.000136318	4.9225E-06	0.000301497
H	W07	96	72	0.8	0.3	0.000140256	4.73204E-06	0.000267769
H	W08	96	72	0.8	0.3	0.000139257	4.60624E-06	0.000255204
H	W09	96	72	0.8	0.3	0.000133144	4.60037E-06	0.000267769
H	W10	96	72	0.8	0.3	0.000130557	4.81669E-06	0.000270086
H	W11	96	72	0.8	0.3	0.000117684	6.94464E-06	0.000290066
H	W12	96	72	0.8	0.3	0.000113216	6.83295E-06	0.000266069
H	W13	96	72	0.8	0.3	0.000129205	6.11109E-06	0.000271167
H	W14	96	72	0.8	0.3	0.000121211	6.22925E-06	0.000304947
H	W15	96	72	0.8	0.3	0.000149662	4.28646E-06	0.000406803
H	W16	96	72	0.8	0.3	9.63455E-05	9.33534E-06	0.000236872
H	W01	96	72	0.8	0.4	7.54187E-05	1.40885E-05	0.000266018
H	W02	96	72	0.8	0.4	9.5934E-05	1.20611E-05	0.000298665
H	W03	96	72	0.8	0.4	9.5405E-05	1.24902E-05	0.000274051
H	W04	96	72	0.8	0.4	9.91671E-05	1.18695E-05	0.000292383
H	W05	96	72	0.8	0.4	9.5934E-05	1.21217E-05	0.00028435
H	W06	96	72	0.8	0.4	0.000113451	1.05545E-05	0.000338676
H	W07	96	72	0.8	0.4	0.000111394	1.03388E-05	0.000289499
H	W08	96	72	0.8	0.4	0.000114333	1.00066E-05	0.000282084
H	W09	96	72	0.8	0.4	0.000111688	1.00578E-05	0.000298099
H	W10	96	72	0.8	0.4	0.000108514	1.03176E-05	0.000305565
H	W11	96	72	0.8	0.4	9.43469E-05	1.28952E-05	0.000315813
H	W12	96	72	0.8	0.4	9.21131E-05	1.28553E-05	0.000297532
H	W13	96	72	0.8	0.4	0.000103341	1.19947E-05	0.000303815
H	W14	96	72	0.8	0.4	9.82853E-05	1.19747E-05	0.000343259
H	W15	96	72	0.8	0.4	0.000128206	9.72331E-06	0.000438265
H	W16	96	72	0.8	0.4	7.68295E-05	1.51149E-05	0.000274051
H	W01	96	72	0.94	0.2	8.06504E-05	3.26599E-06	0.000227706
H	W02	96	72	0.94	0.2	9.96961E-05	2.82512E-06	0.000213443
H	W03	96	72	0.94	0.2	9.91083E-05	2.62937E-06	0.000213443
H	W04	96	72	0.94	0.2	0.000109219	2.49887E-06	0.000219107
H	W05	96	72	0.94	0.2	0.000101989	2.46654E-06	0.00020716
H	W06	96	72	0.94	0.2	0.000122269	1.75056E-06	0.000263752
H	W07	96	72	0.94	0.2	0.000128853	1.64475E-06	0.000216841
H	W08	96	72	0.94	0.2	0.000126031	1.6571E-06	0.00020541
H	W09	96	72	0.94	0.2	0.000119741	1.67297E-06	0.000217408
H	W10	96	72	0.94	0.2	0.000118859	1.86813E-06	0.000219107
H	W11	96	72	0.94	0.2	0.000105163	3.19369E-06	0.00023404
H	W12	96	72	0.94	0.2	0.000100519	3.09082E-06	0.000215142
H	W13	96	72	0.94	0.2	0.000116449	2.61996E-06	0.000228891
H	W14	96	72	0.94	0.2	0.000109924	2.97031E-06	0.000258603
H	W15	96	72	0.94	0.2	0.000138434	1.53248E-06	0.000349593
H	W16	96	72	0.94	0.2	8.45301E-05	5.27578E-06	0.000201445
H	W01	96	72	0.94	0.3	9.52286E-05	6.49201E-06	0.000275184
H	W02	96	72	0.94	0.3	0.000113687	5.36513E-06	0.000263804
H	W03	96	72	0.94	0.3	0.000113334	5.47212E-06	0.000250621
H	W04	96	72	0.94	0.3	0.000122504	5.11237E-06	0.000251754
H	W05	96	72	0.94	0.3	0.000117684	5.16997E-06	0.000270086
H	W06	96	72	0.94	0.3	0.000136318	4.18947E-06	0.000301497
H	W07	96	72	0.94	0.3	0.000140256	4.02723E-06	0.000267769
H	W08	96	72	0.94	0.3	0.000139257	3.92024E-06	0.000255204
H	W09	96	72	0.94	0.3	0.000133144	3.91554E-06	0.000267769

## Zone Deadband db

H	W10	96	72	0.94	0.3	0.000130557	4.09895E-06	0.000270086
H	W11	96	72	0.94	0.3	0.000117684	5.91064E-06	0.000290066
H	W12	96	72	0.94	0.3	0.000113216	5.81482E-06	0.000266069
H	W13	96	72	0.94	0.3	0.000129205	5.20113E-06	0.000271167
H	W14	96	72	0.94	0.3	0.000121211	5.30165E-06	0.000304947
H	W15	96	72	0.94	0.3	0.000149662	3.64808E-06	0.000406803
H	W16	96	72	0.94	0.3	9.63455E-05	7.94454E-06	0.000236872
H	W01	96	72	0.94	0.4	7.54187E-05	1.19906E-05	0.000266018
H	W02	96	72	0.94	0.4	9.5934E-05	1.02647E-05	0.000298665
H	W03	96	72	0.94	0.4	9.5405E-05	1.06303E-05	0.000274051
H	W04	96	72	0.94	0.4	9.91671E-05	1.01013E-05	0.000292383
H	W05	96	72	0.94	0.4	9.5934E-05	1.03158E-05	0.00028435
H	W06	96	72	0.94	0.4	0.000113451	8.98265E-06	0.000338676
H	W07	96	72	0.94	0.4	0.000111394	8.79865E-06	0.000289499
H	W08	96	72	0.94	0.4	0.000114333	8.5165E-06	0.000282084
H	W09	96	72	0.94	0.4	0.000111688	8.55941E-06	0.000298099
H	W10	96	72	0.94	0.4	0.000108514	8.78043E-06	0.000305565
H	W11	96	72	0.94	0.4	9.43469E-05	1.09742E-05	0.000315813
H	W12	96	72	0.94	0.4	9.21131E-05	1.09407E-05	0.000297532
H	W13	96	72	0.94	0.4	0.000103341	1.02083E-05	0.000303815
H	W14	96	72	0.94	0.4	9.82853E-05	1.01912E-05	0.000343259
H	W15	96	72	0.94	0.4	0.000128206	8.2749E-06	0.000438265
H	W16	96	72	0.94	0.4	7.68295E-05	1.28641E-05	0.000274051
H	W01	3	72	0.8	0.2	4.96717E-05	4.76555E-06	0.000143617
H	W02	3	72	0.8	0.2	4.86724E-05	3.82678E-06	0.000128169
H	W03	3	72	0.8	0.2	5.64906E-05	3.58636E-06	0.00013615
H	W04	3	72	0.8	0.2	5.76074E-05	3.38943E-06	0.000140167
H	W05	3	72	0.8	0.2	5.79014E-05	3.38297E-06	0.000132134
H	W06	3	72	0.8	0.2	7.25383E-05	2.16733E-06	0.000165914
H	W07	3	72	0.8	0.2	7.88869E-05	1.95689E-06	0.000137283
H	W08	3	72	0.8	0.2	7.06573E-05	2.01744E-06	0.000126469
H	W09	3	72	0.8	0.2	6.56019E-05	1.99627E-06	0.000136768
H	W10	3	72	0.8	0.2	6.20162E-05	2.23199E-06	0.000127602
H	W11	3	72	0.8	0.2	5.24933E-05	3.99901E-06	0.000129301
H	W12	3	72	0.8	0.2	4.9319E-05	3.88909E-06	0.000132134
H	W13	3	72	0.8	0.2	6.11932E-05	3.15254E-06	0.000136202
H	W14	3	72	0.8	0.2	5.52561E-05	4.17242E-06	0.000132185
H	W15	3	72	0.8	0.2	7.57714E-05	1.5025E-06	0.000220858
H	W16	3	72	0.8	0.2	3.66219E-05	7.68707E-06	0.000122453
H	W01	3	72	0.8	0.3	6.51317E-05	1.33355E-05	0.000180795
H	W02	3	72	0.8	0.3	6.18398E-05	1.03059E-05	0.00020026
H	W03	3	72	0.8	0.3	7.2362E-05	1.13152E-05	0.000204792
H	W04	3	72	0.8	0.3	7.05397E-05	1.0287E-05	0.000204843
H	W05	3	72	0.8	0.3	7.15978E-05	1.08531E-05	0.000204225
H	W06	3	72	0.8	0.3	8.61172E-05	8.84274E-06	0.000225441
H	W07	3	72	0.8	0.3	9.02908E-05	8.38071E-06	0.000207727
H	W08	3	72	0.8	0.3	7.9945E-05	8.15498E-06	0.000192845
H	W09	3	72	0.8	0.3	7.72998E-05	7.85989E-06	0.000205976
H	W10	3	72	0.8	0.3	7.21856E-05	8.06034E-06	0.000197994
H	W11	3	72	0.8	0.3	6.43675E-05	1.04046E-05	0.000189961
H	W12	3	72	0.8	0.3	6.22513E-05	1.05986E-05	0.00020541
H	W13	3	72	0.8	0.3	7.11863E-05	9.0961E-06	0.00018476
H	W14	3	72	0.8	0.3	6.48378E-05	9.78033E-06	0.000192794
H	W15	3	72	0.8	0.3	8.54706E-05	5.99764E-06	0.000274617
H	W16	3	72	0.8	0.3	4.50279E-05	1.41526E-05	0.000186511
H	W01	3	72	0.8	0.4	6.30743E-05	2.91646E-05	0.000129301
H	W02	3	72	0.8	0.4	5.80777E-05	2.44549E-05	0.000204843
H	W03	3	72	0.8	0.4	7.30674E-05	2.63096E-05	0.000188262
H	W04	3	72	0.8	0.4	6.93641E-05	2.47765E-05	0.000210559
H	W05	3	72	0.8	0.4	7.02458E-05	2.58217E-05	0.000184812
H	W06	3	72	0.8	0.4	8.21788E-05	2.30994E-05	0.000199694
H	W07	3	72	0.8	0.4	8.96442E-05	2.24551E-05	0.000192845
H	W08	3	72	0.8	0.4	7.3714E-05	2.1989E-05	0.000197428
H	W09	3	72	0.8	0.4	7.45958E-05	2.11866E-05	0.000215708
H	W10	3	72	0.8	0.4	6.77181E-05	2.16727E-05	0.000209993
H	W11	3	72	0.8	0.4	6.02527E-05	2.42504E-05	0.000201959
H	W12	3	72	0.8	0.4	6.0429E-05	2.49305E-05	0.000205976
H	W13	3	72	0.8	0.4	6.77181E-05	2.24887E-05	0.000203659
H	W14	3	72	0.8	0.4	5.94885E-05	2.32905E-05	0.000207675
H	W15	3	72	0.8	0.4	8.27078E-05	1.76473E-05	0.000289551
H	W16	3	72	0.8	0.4	4.18536E-05	2.83905E-05	0.000188262
H	W01	3	72	0.94	0.2	4.96717E-05	4.05545E-06	0.000143617
H	W02	3	72	0.94	0.2	4.86724E-05	3.25717E-06	0.000128169

## Zone Deadband db

H	W03	3	72	0.94	0.2	5.64906E-05	3.05261E-06	0.00013615
H	W04	3	72	0.94	0.2	5.76074E-05	2.88449E-06	0.000140167
H	W05	3	72	0.94	0.2	5.79014E-05	2.8792E-06	0.000132134
H	W06	3	72	0.94	0.2	7.25383E-05	1.84461E-06	0.000165914
H	W07	3	72	0.94	0.2	7.88869E-05	1.66533E-06	0.000137283
H	W08	3	72	0.94	0.2	7.06573E-05	1.71647E-06	0.000126469
H	W09	3	72	0.94	0.2	6.56019E-05	1.69883E-06	0.000136768
H	W10	3	72	0.94	0.2	6.20162E-05	1.89987E-06	0.000127602
H	W11	3	72	0.94	0.2	5.24933E-05	3.40354E-06	0.000129301
H	W12	3	72	0.94	0.2	4.9319E-05	3.31008E-06	0.000132134
H	W13	3	72	0.94	0.2	6.11932E-05	2.68227E-06	0.000136202
H	W14	3	72	0.94	0.2	5.52561E-05	3.55167E-06	0.000132185
H	W15	3	72	0.94	0.2	7.57714E-05	1.27853E-06	0.000220858
H	W16	3	72	0.94	0.2	3.66219E-05	6.54197E-06	0.000122453
H	W01	3	72	0.94	0.3	6.51317E-05	1.13498E-05	0.000180795
H	W02	3	72	0.94	0.3	6.18398E-05	8.77044E-06	0.00020026
H	W03	3	72	0.94	0.3	7.2362E-05	9.62985E-06	0.000204792
H	W04	3	72	0.94	0.3	7.05397E-05	8.75515E-06	0.000204843
H	W05	3	72	0.94	0.3	7.15978E-05	9.23659E-06	0.000204225
H	W06	3	72	0.94	0.3	8.61172E-05	7.526E-06	0.000225441
H	W07	3	72	0.94	0.3	9.02908E-05	7.13157E-06	0.000207727
H	W08	3	72	0.94	0.3	7.9945E-05	6.94052E-06	0.000192845
H	W09	3	72	0.94	0.3	7.72998E-05	6.68952E-06	0.000205976
H	W10	3	72	0.94	0.3	7.21856E-05	6.85999E-06	0.000197994
H	W11	3	72	0.94	0.3	6.43675E-05	8.8545E-06	0.000189961
H	W12	3	72	0.94	0.3	6.22513E-05	9.02027E-06	0.00020541
H	W13	3	72	0.94	0.3	7.11863E-05	7.74173E-06	0.00018476
H	W14	3	72	0.94	0.3	6.48378E-05	8.32427E-06	0.000192794
H	W15	3	72	0.94	0.3	8.54706E-05	5.10414E-06	0.000274617
H	W16	3	72	0.94	0.3	4.50279E-05	1.20447E-05	0.000186511
H	W01	3	72	0.94	0.4	6.30743E-05	2.48206E-05	0.000129301
H	W02	3	72	0.94	0.4	5.80777E-05	2.08133E-05	0.000204843
H	W03	3	72	0.94	0.4	7.30674E-05	2.23911E-05	0.000188262
H	W04	3	72	0.94	0.4	6.93641E-05	2.10861E-05	0.000210559
H	W05	3	72	0.94	0.4	7.02458E-05	2.19755E-05	0.000184812
H	W06	3	72	0.94	0.4	8.21788E-05	1.96594E-05	0.000199694
H	W07	3	72	0.94	0.4	8.96442E-05	1.9111E-05	0.000192845
H	W08	3	72	0.94	0.4	7.3714E-05	1.87142E-05	0.000197428
H	W09	3	72	0.94	0.4	7.45958E-05	1.80317E-05	0.000215708
H	W10	3	72	0.94	0.4	6.77181E-05	1.8445E-05	0.000209993
H	W11	3	72	0.94	0.4	6.02527E-05	2.06387E-05	0.000201959
H	W12	3	72	0.94	0.4	6.0429E-05	2.12178E-05	0.000205976
H	W13	3	72	0.94	0.4	6.77181E-05	1.91392E-05	0.000203659
H	W14	3	72	0.94	0.4	5.94885E-05	1.98222E-05	0.000207675
H	W15	3	72	0.94	0.4	8.27078E-05	1.50191E-05	0.000289551
H	W16	3	72	0.94	0.4	4.18536E-05	2.41622E-05	0.000188262
H	W01	5	72	0.8	0.2	6.1781E-05	4.94719E-06	0.000160764
H	W02	5	72	0.8	0.2	5.53149E-05	4.0478E-06	0.000135584
H	W03	5	72	0.8	0.2	7.09512E-05	3.67218E-06	0.000152165
H	W04	5	72	0.8	0.2	6.81884E-05	3.52757E-06	0.000151598
H	W05	5	72	0.8	0.2	7.03634E-05	3.53639E-06	0.000137901
H	W06	5	72	0.8	0.2	8.7822E-05	2.18614E-06	0.000174513
H	W07	5	72	0.8	0.2	9.55813E-05	1.98158E-06	0.000145934
H	W08	5	72	0.8	0.2	7.88869E-05	2.08739E-06	0.000130434
H	W09	5	72	0.8	0.2	7.65944E-05	2.02273E-06	0.000150517
H	W10	5	72	0.8	0.2	6.8835E-05	2.3478E-06	0.000136717
H	W11	5	72	0.8	0.2	5.80189E-05	4.17536E-06	0.000136717
H	W12	5	72	0.8	0.2	5.60791E-05	4.0578E-06	0.000141351
H	W13	5	72	0.8	0.2	6.76593E-05	3.31008E-06	0.000143617
H	W14	5	72	0.8	0.2	5.90182E-05	4.50161E-06	0.000133884
H	W15	5	72	0.8	0.2	7.91808E-05	1.55952E-06	0.000188262
H	W16	5	72	0.8	0.2	4.19711E-05	8.12089E-06	0.000124204
H	W01	5	72	0.8	0.3	7.21269E-05	1.30293E-05	0.000199694
H	W02	5	72	0.8	0.3	6.77181E-05	1.02841E-05	0.000213958
H	W03	5	72	0.8	0.3	8.62936E-05	1.11241E-05	0.000215142
H	W04	5	72	0.8	0.3	8.25315E-05	1.02629E-05	0.000220858
H	W05	5	72	0.8	0.3	8.45301E-05	1.08661E-05	0.000210559
H	W06	5	72	0.8	0.3	0.000101518	8.75398E-06	0.000235122
H	W07	5	72	0.8	0.3	0.000108925	8.24962E-06	0.000215708
H	W08	5	72	0.8	0.3	9.15841E-05	8.26255E-06	0.000202526
H	W09	5	72	0.8	0.3	9.04084E-05	7.77054E-06	0.000225956
H	W10	5	72	0.8	0.3	8.15322E-05	8.18731E-06	0.000215708
H	W11	5	72	0.8	0.3	6.97168E-05	1.02853E-05	0.000204843



## Zone Deadband db

H	W12	5	72	0.8	0.3	6.8306E-05	1.04528E-05	0.000219673
H	W13	5	72	0.8	0.3	7.94748E-05	9.04907E-06	0.000201393
H	W14	5	72	0.8	0.3	7.08924E-05	9.89026E-06	0.00020371
H	W15	5	72	0.8	0.3	9.28185E-05	6.07935E-06	0.00024887
H	W16	5	72	0.8	0.3	5.15528E-05	1.40356E-05	0.000195111
H	W01	5	72	0.8	0.4	6.78945E-05	2.63601E-05	0.000145934
H	W02	5	72	0.8	0.4	5.99588E-05	2.32417E-05	0.000216275
H	W03	5	72	0.8	0.4	8.15909E-05	2.43121E-05	0.000192279
H	W04	5	72	0.8	0.4	7.60065E-05	2.34668E-05	0.000216893
H	W05	5	72	0.8	0.4	7.84167E-05	2.45026E-05	0.000189395
H	W06	5	72	0.8	0.4	9.46408E-05	2.1832E-05	0.00020371
H	W07	5	72	0.8	0.4	0.000101636	2.10884E-05	0.000197943
H	W08	5	72	0.8	0.4	8.37071E-05	2.14241E-05	0.000204843
H	W09	5	72	0.8	0.4	8.55294E-05	2.01832E-05	0.000229972
H	W10	5	72	0.8	0.4	7.46545E-05	2.12313E-05	0.000222557
H	W11	5	72	0.8	0.4	6.37797E-05	2.28325E-05	0.000211692
H	W12	5	72	0.8	0.4	6.47202E-05	2.33281E-05	0.000216275
H	W13	5	72	0.8	0.4	7.14215E-05	2.12571E-05	0.000212876
H	W14	5	72	0.8	0.4	6.36033E-05	2.2123E-05	0.000213391
H	W15	5	72	0.8	0.4	8.74105E-05	1.73087E-05	0.000260354
H	W16	5	72	0.8	0.4	4.37934E-05	2.61744E-05	0.000193978
H	W01	5	72	0.94	0.2	6.1781E-05	4.21005E-06	0.000160764
H	W02	5	72	0.94	0.2	5.53149E-05	3.44469E-06	0.000135584
H	W03	5	72	0.94	0.2	7.09512E-05	3.1255E-06	0.000152165
H	W04	5	72	0.94	0.2	6.81884E-05	3.00205E-06	0.000151598
H	W05	5	72	0.94	0.2	7.03634E-05	3.00969E-06	0.000137901
H	W06	5	72	0.94	0.2	8.7822E-05	1.86107E-06	0.000174513
H	W07	5	72	0.94	0.2	9.55813E-05	1.68649E-06	0.000145934
H	W08	5	72	0.94	0.2	7.88869E-05	1.77701E-06	0.000130434
H	W09	5	72	0.94	0.2	7.65944E-05	1.72176E-06	0.000150517
H	W10	5	72	0.94	0.2	6.8835E-05	1.99863E-06	0.000136717
H	W11	5	72	0.94	0.2	5.80189E-05	3.55344E-06	0.000136717
H	W12	5	72	0.94	0.2	5.60791E-05	3.45351E-06	0.000141351
H	W13	5	72	0.94	0.2	6.76593E-05	2.81747E-06	0.000143617
H	W14	5	72	0.94	0.2	5.90182E-05	3.83148E-06	0.000133884
H	W15	5	72	0.94	0.2	7.91808E-05	1.32732E-06	0.000188262
H	W16	5	72	0.94	0.2	4.19711E-05	6.91113E-06	0.000124204
H	W01	5	72	0.94	0.3	7.21269E-05	1.10888E-05	0.000199694
H	W02	5	72	0.94	0.3	6.77181E-05	8.75222E-06	0.000213958
H	W03	5	72	0.94	0.3	8.62936E-05	9.46761E-06	0.000215142
H	W04	5	72	0.94	0.3	8.25315E-05	8.73458E-06	0.000220858
H	W05	5	72	0.94	0.3	8.45301E-05	9.24776E-06	0.000210559
H	W06	5	72	0.94	0.3	0.000101518	7.45017E-06	0.000235122
H	W07	5	72	0.94	0.3	0.000108925	7.02105E-06	0.000215708
H	W08	5	72	0.94	0.3	9.15841E-05	7.03222E-06	0.000202526
H	W09	5	72	0.94	0.3	9.04084E-05	6.6131E-06	0.000225956
H	W10	5	72	0.94	0.3	8.15322E-05	6.96815E-06	0.000215708
H	W11	5	72	0.94	0.3	6.97168E-05	8.75339E-06	0.000204843
H	W12	5	72	0.94	0.3	6.8306E-05	8.89565E-06	0.000219673
H	W13	5	72	0.94	0.3	7.94748E-05	7.70117E-06	0.000201393
H	W14	5	72	0.94	0.3	7.08924E-05	8.41715E-06	0.00020371
H	W15	5	72	0.94	0.3	9.28185E-05	5.1735E-06	0.00024887
H	W16	5	72	0.94	0.3	5.15528E-05	1.19453E-05	0.000195111
H	W01	5	72	0.94	0.4	6.78945E-05	2.2434E-05	0.000145934
H	W02	5	72	0.94	0.4	5.99588E-05	1.97799E-05	0.000216275
H	W03	5	72	0.94	0.4	8.15909E-05	2.06911E-05	0.000192279
H	W04	5	72	0.94	0.4	7.60065E-05	1.99716E-05	0.000216893
H	W05	5	72	0.94	0.4	7.84167E-05	2.08533E-05	0.000189395
H	W06	5	72	0.94	0.4	9.46408E-05	1.85802E-05	0.00020371
H	W07	5	72	0.94	0.4	0.000101636	1.79477E-05	0.000197943
H	W08	5	72	0.94	0.4	8.37071E-05	1.82333E-05	0.000204843
H	W09	5	72	0.94	0.4	8.55294E-05	1.7177E-05	0.000229972
H	W10	5	72	0.94	0.4	7.46545E-05	1.80693E-05	0.000222557
H	W11	5	72	0.94	0.4	6.37797E-05	1.94325E-05	0.000211692
H	W12	5	72	0.94	0.4	6.47202E-05	1.98534E-05	0.000216275
H	W13	5	72	0.94	0.4	7.14215E-05	1.80911E-05	0.000212876
H	W14	5	72	0.94	0.4	6.36033E-05	1.88276E-05	0.000213391
H	W15	5	72	0.94	0.4	8.74105E-05	1.47305E-05	0.000260354
H	W16	5	72	0.94	0.4	4.37934E-05	2.22759E-05	0.000193978
H	W01	75	74	0.8	0.2	7.75937E-05	4.75026E-06	0.000223123
H	W02	75	74	0.8	0.2	0.000107397	3.84148E-06	0.000268902
H	W03	75	74	0.8	0.2	9.86968E-05	3.65161E-06	0.000262619
H	W04	75	74	0.8	0.2	0.000111335	3.27304E-06	0.00026952



## Zone Deadband db

H	W05	75	74	0.8	0.2	0.000105045	3.30537E-06	0.000255771
H	W06	75	74	0.8	0.2	0.000126501	2.38777E-06	0.000274051
H	W07	75	74	0.8	0.2	0.000135025	2.20554E-06	0.000259169
H	W08	75	74	0.8	0.2	0.000134202	2.25433E-06	0.000265503
H	W09	75	74	0.8	0.2	0.000129911	2.25903E-06	0.000274051
H	W10	75	74	0.8	0.2	0.000132791	2.54472E-06	0.000280333
H	W11	75	74	0.8	0.2	0.000117037	4.54628E-06	0.000283835
H	W12	75	74	0.8	0.2	0.000110336	4.28176E-06	0.000268335
H	W13	75	74	0.8	0.2	0.000130263	3.59459E-06	0.000278068
H	W14	75	74	0.8	0.2	0.000128382	4.06015E-06	0.0002878
H	W15	75	74	0.8	0.2	0.000166297	1.97452E-06	0.000295215
H	W16	75	74	0.8	0.2	9.15253E-05	7.04045E-06	0.000264937
H	W01	75	74	0.8	0.3	9.46408E-05	9.05671E-06	0.000267769
H	W02	75	74	0.8	0.3	0.000123151	7.57009E-06	0.000304947
H	W03	75	74	0.8	0.3	0.00011398	7.55716E-06	0.000298665
H	W04	75	74	0.8	0.3	0.00012803	6.81766E-06	0.000298665
H	W05	75	74	0.8	0.3	0.000120976	7.11569E-06	0.000312981
H	W06	75	74	0.8	0.3	0.000140433	5.63142E-06	0.000306132
H	W07	75	74	0.8	0.3	0.000145488	5.33104E-06	0.000300982
H	W08	75	74	0.8	0.3	0.000148898	5.33986E-06	0.000301549
H	W09	75	74	0.8	0.3	0.000145488	5.30224E-06	0.000310097
H	W10	75	74	0.8	0.3	0.000147781	5.72136E-06	0.000314113
H	W11	75	74	0.8	0.3	0.000134261	8.50827E-06	0.000308964
H	W12	75	74	0.8	0.3	0.000125913	8.20083E-06	0.000308964
H	W13	75	74	0.8	0.3	0.000145371	7.188E-06	0.000300416
H	W14	75	74	0.8	0.3	0.000142667	7.56421E-06	0.000313547
H	W15	75	74	0.8	0.3	0.000179171	4.64269E-06	0.000315864
H	W16	75	74	0.8	0.3	0.000106397	1.08231E-05	0.0002947
H	W01	75	74	0.8	0.4	8.17085E-05	1.59796E-05	0.000320396
H	W02	75	74	0.8	0.4	0.000116038	1.38934E-05	0.000394753
H	W03	75	74	0.8	0.4	0.000104575	1.41885E-05	0.000398203
H	W04	75	74	0.8	0.4	0.000123033	1.29805E-05	0.000377657
H	W05	75	74	0.8	0.4	0.000110453	1.37135E-05	0.000429151
H	W06	75	74	0.8	0.4	0.000128617	1.16549E-05	0.000389604
H	W07	75	74	0.8	0.4	0.000135613	1.12581E-05	0.000399954
H	W08	75	74	0.8	0.4	0.00014008	1.11911E-05	0.000391354
H	W09	75	74	0.8	0.4	0.000139257	1.09989E-05	0.00040052
H	W10	75	74	0.8	0.4	0.000140433	1.16032E-05	0.000399954
H	W11	75	74	0.8	0.4	0.000125737	1.48333E-05	0.000378223
H	W12	75	74	0.8	0.4	0.000117625	1.47293E-05	0.000408553
H	W13	75	74	0.8	0.4	0.000137729	1.31839E-05	0.000356493
H	W14	75	74	0.8	0.4	0.000131674	1.35201E-05	0.000381622
H	W15	75	74	0.8	0.4	0.000173293	9.50934E-06	0.000377605
H	W16	75	74	0.8	0.4	9.72272E-05	1.68126E-05	0.000373589
H	W01	75	74	0.94	0.2	7.75937E-05	4.0431E-06	0.000223123
H	W02	75	74	0.94	0.2	0.000107397	3.26893E-06	0.000268902
H	W03	75	74	0.94	0.2	9.86968E-05	3.10786E-06	0.000262619
H	W04	75	74	0.94	0.2	0.000111335	2.78573E-06	0.00026952
H	W05	75	74	0.94	0.2	0.000105045	2.81277E-06	0.000255771
H	W06	75	74	0.94	0.2	0.000126501	2.03272E-06	0.000274051
H	W07	75	74	0.94	0.2	0.000135025	1.87753E-06	0.000259169
H	W08	75	74	0.94	0.2	0.000134202	1.91809E-06	0.000265503
H	W09	75	74	0.94	0.2	0.000129911	1.9228E-06	0.000274051
H	W10	75	74	0.94	0.2	0.000132791	2.16557E-06	0.000280333
H	W11	75	74	0.94	0.2	0.000117037	3.86969E-06	0.000283835
H	W12	75	74	0.94	0.2	0.000110336	3.64396E-06	0.000268335
H	W13	75	74	0.94	0.2	0.000130263	3.05966E-06	0.000278068
H	W14	75	74	0.94	0.2	0.000128382	3.45586E-06	0.0002878
H	W15	75	74	0.94	0.2	0.000166297	1.68061E-06	0.000295215
H	W16	75	74	0.94	0.2	9.15253E-05	5.99117E-06	0.000264937
H	W01	75	74	0.94	0.3	9.46408E-05	7.70764E-06	0.000267769
H	W02	75	74	0.94	0.3	0.000123151	6.44263E-06	0.000304947
H	W03	75	74	0.94	0.3	0.00011398	6.43146E-06	0.000298665
H	W04	75	74	0.94	0.3	0.00012803	5.80189E-06	0.000298665
H	W05	75	74	0.94	0.3	0.000120976	6.05583E-06	0.000312981
H	W06	75	74	0.94	0.3	0.000140433	4.79259E-06	0.000306132
H	W07	75	74	0.94	0.3	0.000145488	4.53747E-06	0.000300982
H	W08	75	74	0.94	0.3	0.000148898	4.54452E-06	0.000301549
H	W09	75	74	0.94	0.3	0.000145488	4.51219E-06	0.000310097
H	W10	75	74	0.94	0.3	0.000147781	4.86959E-06	0.000314113
H	W11	75	74	0.94	0.3	0.000134261	7.24149E-06	0.000308964
H	W12	75	74	0.94	0.3	0.000125913	6.97932E-06	0.000308964
H	W13	75	74	0.94	0.3	0.000145371	6.11756E-06	0.000300416

## Zone Deadband db

H	W14	75	74	0.94	0.3	0.000142667	6.43793E-06	0.000313547
H	W15	75	74	0.94	0.3	0.000179171	3.95081E-06	0.000315864
H	W16	75	74	0.94	0.3	0.000106397	9.21072E-06	0.0002947
H	W01	75	74	0.94	0.4	8.17085E-05	1.35995E-05	0.000320396
H	W02	75	74	0.94	0.4	0.000116038	1.18242E-05	0.000394753
H	W03	75	74	0.94	0.4	0.000104575	1.20752E-05	0.000398203
H	W04	75	74	0.94	0.4	0.000123033	1.10471E-05	0.000377657
H	W05	75	74	0.94	0.4	0.000110453	1.16708E-05	0.000429151
H	W06	75	74	0.94	0.4	0.000128617	9.91847E-06	0.000389604
H	W07	75	74	0.94	0.4	0.000135613	9.58165E-06	0.000399954
H	W08	75	74	0.94	0.4	0.00014008	9.52404E-06	0.000391354
H	W09	75	74	0.94	0.4	0.000139257	9.36062E-06	0.00040052
H	W10	75	74	0.94	0.4	0.000140433	9.87556E-06	0.000399954
H	W11	75	74	0.94	0.4	0.000125737	1.26243E-05	0.000378223
H	W12	75	74	0.94	0.4	0.000117625	1.25355E-05	0.000408553
H	W13	75	74	0.94	0.4	0.000137729	1.12205E-05	0.000356493
H	W14	75	74	0.94	0.4	0.000131674	1.15056E-05	0.000381622
H	W15	75	74	0.94	0.4	0.000173293	8.09326E-06	0.000377605
H	W16	75	74	0.94	0.4	9.72272E-05	1.4309E-05	0.000373589
H	W01	85	74	0.8	0.2	8.06504E-05	3.89027E-06	0.000228324
H	W02	85	74	0.8	0.2	0.000100343	3.49701E-06	0.000228891
H	W03	85	74	0.8	0.2	9.91083E-05	3.27304E-06	0.000229406
H	W04	85	74	0.8	0.2	0.000107632	3.03027E-06	0.000231157
H	W05	85	74	0.8	0.2	0.000103164	3.04908E-06	0.000222557
H	W06	85	74	0.8	0.2	0.000124385	2.20319E-06	0.000268387
H	W07	85	74	0.8	0.2	0.000126913	2.05623E-06	0.00023059
H	W08	85	74	0.8	0.2	0.00012656	2.0386E-06	0.000221991
H	W09	85	74	0.8	0.2	0.000121563	2.08739E-06	0.000231157
H	W10	85	74	0.8	0.2	0.000121446	2.30665E-06	0.000234555
H	W11	85	74	0.8	0.2	0.000111159	4.0337E-06	0.00023919
H	W12	85	74	0.8	0.2	0.000104399	3.81091E-06	0.000228273
H	W13	85	74	0.8	0.2	0.000121916	3.27363E-06	0.000233422
H	W14	85	74	0.8	0.2	0.000115685	3.42176E-06	0.000236872
H	W15	85	74	0.8	0.2	0.000139727	1.81934E-06	0.000238572
H	W16	85	74	0.8	0.2	8.89388E-05	6.02115E-06	0.000220858
H	W01	85	74	0.8	0.3	9.61104E-05	7.3038E-06	0.000270652
H	W02	85	74	0.8	0.3	0.000115215	6.5067E-06	0.000272352
H	W03	85	74	0.8	0.3	0.000114157	6.44498E-06	0.000262619
H	W04	85	74	0.8	0.3	0.000123621	5.99588E-06	0.000258603
H	W05	85	74	0.8	0.3	0.000119565	6.12285E-06	0.000278068
H	W06	85	74	0.8	0.3	0.000137964	4.91368E-06	0.000300982
H	W07	85	74	0.8	0.3	0.000140962	4.73733E-06	0.000275235
H	W08	85	74	0.8	0.3	0.000140198	4.60272E-06	0.000264319
H	W09	85	74	0.8	0.3	0.0001362	4.67267E-06	0.000272918
H	W10	85	74	0.8	0.3	0.00013526	4.92191E-06	0.000277501
H	W11	85	74	0.8	0.3	0.000123386	7.31908E-06	0.000282084
H	W12	85	74	0.8	0.3	0.00011833	7.05103E-06	0.000273485
H	W13	85	74	0.8	0.3	0.000134731	6.3668E-06	0.000264885
H	W14	85	74	0.8	0.3	0.000128206	6.14754E-06	0.000271734
H	W15	85	74	0.8	0.3	0.000152777	4.18947E-06	0.000280333
H	W16	85	74	0.8	0.3	0.000100402	8.99264E-06	0.000250055
H	W01	85	74	0.8	0.4	8.36484E-05	1.32691E-05	0.000304999
H	W02	85	74	0.8	0.4	0.000106339	1.20952E-05	0.000351292
H	W03	85	74	0.8	0.4	0.000102047	1.21887E-05	0.000335277
H	W04	85	74	0.8	0.4	0.000114686	1.15415E-05	0.000335844
H	W05	85	74	0.8	0.4	0.000107632	1.19065E-05	0.00034501
H	W06	85	74	0.8	0.4	0.000123621	1.02335E-05	0.000369057
H	W07	85	74	0.8	0.4	0.000125267	1.0069E-05	0.000347276
H	W08	85	74	0.8	0.4	0.000125855	9.77563E-06	0.000336977
H	W09	85	74	0.8	0.4	0.000124385	9.92376E-06	0.000349593
H	W10	85	74	0.8	0.4	0.000122974	1.02923E-05	0.000358759
H	W11	85	74	0.8	0.4	0.00010963	1.31492E-05	0.000355309
H	W12	85	74	0.8	0.4	0.000104634	1.29146E-05	0.000351858
H	W13	85	74	0.8	0.4	0.000119682	1.20835E-05	0.000338161
H	W14	85	74	0.8	0.4	0.000114098	1.15327E-05	0.000351292
H	W15	85	74	0.8	0.4	0.000140609	9.17663E-06	0.000355875
H	W16	85	74	0.8	0.4	8.81746E-05	1.42743E-05	0.000325545
H	W01	85	74	0.94	0.2	8.06504E-05	3.31066E-06	0.000228324
H	W02	85	74	0.94	0.2	0.000100343	2.97619E-06	0.000228891
H	W03	85	74	0.94	0.2	9.91083E-05	2.78632E-06	0.000229406
H	W04	85	74	0.94	0.2	0.000107632	2.57881E-06	0.000231157
H	W05	85	74	0.94	0.2	0.000103164	2.59527E-06	0.000222557
H	W06	85	74	0.94	0.2	0.000124385	1.87518E-06	0.000268387

## Zone Deadband db

H	W07	85	74	0.94	0.2	0.000126913	1.74997E-06	0.00023059
H	W08	85	74	0.94	0.2	0.00012656	1.73469E-06	0.000221991
H	W09	85	74	0.94	0.2	0.000121563	1.77643E-06	0.000231157
H	W10	85	74	0.94	0.2	0.000121446	1.96336E-06	0.000234555
H	W11	85	74	0.94	0.2	0.000111159	3.43293E-06	0.00023919
H	W12	85	74	0.94	0.2	0.000104399	3.24365E-06	0.000228273
H	W13	85	74	0.94	0.2	0.000121916	2.78632E-06	0.000233422
H	W14	85	74	0.94	0.2	0.000115685	2.91211E-06	0.000236872
H	W15	85	74	0.94	0.2	0.000139727	1.54893E-06	0.000238572
H	W16	85	74	0.94	0.2	8.89388E-05	5.12471E-06	0.000220858
H	W01	85	74	0.94	0.3	9.61104E-05	6.21572E-06	0.000270652
H	W02	85	74	0.94	0.3	0.000115215	5.53796E-06	0.000272352
H	W03	85	74	0.94	0.3	0.000114157	5.48505E-06	0.000262619
H	W04	85	74	0.94	0.3	0.000123621	5.10296E-06	0.000258603
H	W05	85	74	0.94	0.3	0.000119565	5.21112E-06	0.000278068
H	W06	85	74	0.94	0.3	0.000137964	4.18183E-06	0.000300982
H	W07	85	74	0.94	0.3	0.000140962	4.03193E-06	0.000275235
H	W08	85	74	0.94	0.3	0.000140198	3.91731E-06	0.000264319
H	W09	85	74	0.94	0.3	0.0001362	3.97668E-06	0.000272918
H	W10	85	74	0.94	0.3	0.00013526	4.18947E-06	0.000277501
H	W11	85	74	0.94	0.3	0.000123386	6.22866E-06	0.000282084
H	W12	85	74	0.94	0.3	0.00011833	6.00117E-06	0.000273485
H	W13	85	74	0.94	0.3	0.000134731	5.41863E-06	0.000264885
H	W14	85	74	0.94	0.3	0.000128206	5.2317E-06	0.000271734
H	W15	85	74	0.94	0.3	0.000152777	3.56519E-06	0.000280333
H	W16	85	74	0.94	0.3	0.000100402	7.65356E-06	0.000250055
H	W01	85	74	0.94	0.4	8.36484E-05	1.12928E-05	0.000304999
H	W02	85	74	0.94	0.4	0.000106339	1.02941E-05	0.000351292
H	W03	85	74	0.94	0.4	0.000102047	1.03729E-05	0.000335277
H	W04	85	74	0.94	0.4	0.000114686	9.82266E-06	0.000335844
H	W05	85	74	0.94	0.4	0.000107632	1.0133E-05	0.00034501
H	W06	85	74	0.94	0.4	0.000123621	8.7093E-06	0.000369057
H	W07	85	74	0.94	0.4	0.000125267	8.5694E-06	0.000347276
H	W08	85	74	0.94	0.4	0.000125855	8.31957E-06	0.000336977
H	W09	85	74	0.94	0.4	0.000124385	8.44596E-06	0.000349593
H	W10	85	74	0.94	0.4	0.000122974	8.75927E-06	0.000358759
H	W11	85	74	0.94	0.4	0.00010963	1.11911E-05	0.000355309
H	W12	85	74	0.94	0.4	0.000104634	1.09913E-05	0.000351858
H	W13	85	74	0.94	0.4	0.000119682	1.02841E-05	0.000338161
H	W14	85	74	0.94	0.4	0.000114098	9.81501E-06	0.000351292
H	W15	85	74	0.94	0.4	0.000140609	7.81051E-06	0.000355875
H	W16	85	74	0.94	0.4	8.81746E-05	1.21481E-05	0.000325545
H	W01	96	74	0.8	0.2	5.60791E-05	5.60791E-06	0.000197943
H	W02	96	74	0.8	0.2	7.54775E-05	4.7579E-06	0.000193926
H	W03	96	74	0.8	0.2	7.45958E-05	4.64857E-06	0.00019681
H	W04	96	74	0.8	0.2	8.30017E-05	4.3429E-06	0.00020026
H	W05	96	74	0.8	0.2	7.68295E-05	4.36935E-06	0.000192227
H	W06	96	74	0.8	0.2	9.47584E-05	3.32066E-06	0.000228273
H	W07	96	74	0.8	0.2	9.99901E-05	3.12961E-06	0.000197994
H	W08	96	74	0.8	0.2	9.71685E-05	3.10081E-06	0.000186511
H	W09	96	74	0.8	0.2	9.36415E-05	3.10316E-06	0.000197943
H	W10	96	74	0.8	0.2	9.38178E-05	3.34006E-06	0.000197376
H	W11	96	74	0.8	0.2	7.88869E-05	5.19584E-06	0.000201393
H	W12	96	74	0.8	0.2	7.64768E-05	5.10649E-06	0.000193926
H	W13	96	74	0.8	0.2	9.09375E-05	4.40344E-06	0.000196244
H	W14	96	74	0.8	0.2	8.4824E-05	4.80082E-06	0.000200827
H	W15	96	74	0.8	0.2	0.000111512	2.75164E-06	0.000273485
H	W16	96	74	0.8	0.2	6.03115E-05	7.68295E-06	0.000181362
H	W01	96	74	0.8	0.3	7.27147E-05	1.12805E-05	0.000258036
H	W02	96	74	0.8	0.3	9.1878E-05	9.46055E-06	0.00027575
H	W03	96	74	0.8	0.3	9.02908E-05	9.8932E-06	0.000259736
H	W04	96	74	0.8	0.3	9.82266E-05	9.20661E-06	0.000258654
H	W05	96	74	0.8	0.3	9.41705E-05	9.49465E-06	0.000283783
H	W06	96	74	0.8	0.3	0.000109924	8.07445E-06	0.000290632
H	W07	96	74	0.8	0.3	0.000112511	7.78465E-06	0.000280385
H	W08	96	74	0.8	0.3	0.000112099	7.54599E-06	0.000266584
H	W09	96	74	0.8	0.3	0.000110277	7.52247E-06	0.0002792
H	W10	96	74	0.8	0.3	0.000107867	7.69647E-06	0.000279767
H	W11	96	74	0.8	0.3	9.42293E-05	1.0049E-05	0.000284916
H	W12	96	74	0.8	0.3	9.23482E-05	1.00208E-05	0.000277501
H	W13	96	74	0.8	0.3	0.000104869	9.08375E-06	0.000263237
H	W14	96	74	0.8	0.3	9.76387E-05	9.13842E-06	0.00027575
H	W15	96	74	0.8	0.3	0.000122504	6.75124E-06	0.000358759

## Zone Deadband db

H	W16	96	74	0.8	0.3	7.43018E-05	1.23979E-05	0.000242588
H	W01	96	74	0.8	0.4	5.03771E-05	2.09767E-05	0.000179045
H	W02	96	74	0.8	0.4	6.6954E-05	1.8432E-05	0.00025747
H	W03	96	74	0.8	0.4	6.56607E-05	1.92732E-05	0.000204792
H	W04	96	74	0.8	0.4	6.84235E-05	1.84573E-05	0.000238005
H	W05	96	74	0.8	0.4	6.6131E-05	1.89252E-05	0.000219158
H	W06	96	74	0.8	0.4	7.92984E-05	1.72187E-05	0.000253505
H	W07	96	74	0.8	0.4	7.48309E-05	1.69572E-05	0.00022024
H	W08	96	74	0.8	0.4	7.93572E-05	1.64334E-05	0.00023749
H	W09	96	74	0.8	0.4	7.94748E-05	1.63117E-05	0.00025747
H	W10	96	74	0.8	0.4	7.74761E-05	1.6635E-05	0.000266636
H	W11	96	74	0.8	0.4	6.63661E-05	1.92521E-05	0.000266636
H	W12	96	74	0.8	0.4	6.43087E-05	1.93761E-05	0.000245987
H	W13	96	74	0.8	0.4	7.39491E-05	1.83856E-05	0.000256337
H	W14	96	74	0.8	0.4	6.97168E-05	1.83198E-05	0.000269468
H	W15	96	74	0.8	0.4	9.59928E-05	1.55311E-05	0.000349026
H	W16	96	74	0.8	0.4	5.23757E-05	2.12754E-05	0.000222557
H	W01	96	74	0.94	0.2	5.60791E-05	4.7726E-06	0.000197943
H	W02	96	74	0.94	0.2	7.54775E-05	4.04898E-06	0.000193926
H	W03	96	74	0.94	0.2	7.45958E-05	3.9561E-06	0.00019681
H	W04	96	74	0.94	0.2	8.30017E-05	3.69628E-06	0.00020026
H	W05	96	74	0.94	0.2	7.68295E-05	3.71862E-06	0.000192227
H	W06	96	74	0.94	0.2	9.47584E-05	2.82629E-06	0.000228273
H	W07	96	74	0.94	0.2	9.99901E-05	2.66346E-06	0.000197994
H	W08	96	74	0.94	0.2	9.71685E-05	2.63877E-06	0.000186511
H	W09	96	74	0.94	0.2	9.36415E-05	2.64112E-06	0.000197943
H	W10	96	74	0.94	0.2	9.38178E-05	2.84275E-06	0.000197376
H	W11	96	74	0.94	0.2	7.88869E-05	4.42225E-06	0.000201393
H	W12	96	74	0.94	0.2	7.64768E-05	4.34642E-06	0.000193926
H	W13	96	74	0.94	0.2	9.09375E-05	3.74742E-06	0.000196244
H	W14	96	74	0.94	0.2	8.4824E-05	4.08543E-06	0.000200827
H	W15	96	74	0.94	0.2	0.000111512	2.34192E-06	0.000273485
H	W16	96	74	0.94	0.2	6.03115E-05	6.53844E-06	0.000181362
H	W01	96	74	0.94	0.3	7.27147E-05	9.60046E-06	0.000258036
H	W02	96	74	0.94	0.3	9.1878E-05	8.05211E-06	0.00027575
H	W03	96	74	0.94	0.3	9.02908E-05	8.4195E-06	0.000259736
H	W04	96	74	0.94	0.3	9.82266E-05	7.8352E-06	0.000258654
H	W05	96	74	0.94	0.3	9.41705E-05	8.08032E-06	0.000283783
H	W06	96	74	0.94	0.3	0.000109924	6.87233E-06	0.000290632
H	W07	96	74	0.94	0.3	0.000112511	6.62486E-06	0.000280385
H	W08	96	74	0.94	0.3	0.000112099	6.42147E-06	0.000266584
H	W09	96	74	0.94	0.3	0.000110277	6.40207E-06	0.0002792
H	W10	96	74	0.94	0.3	0.000107867	6.5502E-06	0.000279767
H	W11	96	74	0.94	0.3	9.42293E-05	8.55177E-06	0.000284916
H	W12	96	74	0.94	0.3	9.23482E-05	8.52825E-06	0.000277501
H	W13	96	74	0.94	0.3	0.000104869	7.73057E-06	0.000263237
H	W14	96	74	0.94	0.3	9.76387E-05	7.777E-06	0.00027575
H	W15	96	74	0.94	0.3	0.000122504	5.74546E-06	0.000358759
H	W16	96	74	0.94	0.3	7.43018E-05	1.05516E-05	0.000242588
H	W01	96	74	0.94	0.4	5.03771E-05	1.78524E-05	0.000179045
H	W02	96	74	0.94	0.4	6.6954E-05	1.56869E-05	0.00025747
H	W03	96	74	0.94	0.4	6.56607E-05	1.64022E-05	0.000204792
H	W04	96	74	0.94	0.4	6.84235E-05	1.5708E-05	0.000238005
H	W05	96	74	0.94	0.4	6.6131E-05	1.61066E-05	0.000219158
H	W06	96	74	0.94	0.4	7.92984E-05	1.46546E-05	0.000253505
H	W07	96	74	0.94	0.4	7.48309E-05	1.44318E-05	0.00022024
H	W08	96	74	0.94	0.4	7.93572E-05	1.39863E-05	0.00023749
H	W09	96	74	0.94	0.4	7.94748E-05	1.38822E-05	0.00025747
H	W10	96	74	0.94	0.4	7.74761E-05	1.41573E-05	0.000266636
H	W11	96	74	0.94	0.4	6.63661E-05	1.63846E-05	0.000266636
H	W12	96	74	0.94	0.4	6.43087E-05	1.64904E-05	0.000245987
H	W13	96	74	0.94	0.4	7.39491E-05	1.56469E-05	0.000256337
H	W14	96	74	0.94	0.4	6.97168E-05	1.55916E-05	0.000269468
H	W15	96	74	0.94	0.4	9.59928E-05	1.3218E-05	0.000349026
H	W16	96	74	0.94	0.4	5.23757E-05	1.81064E-05	0.000222557
H	W01	3	74	0.8	0.2	5.69608E-05	7.40256E-06	0.000147067
H	W02	3	74	0.8	0.2	4.47927E-05	5.78191E-06	0.000131052
H	W03	3	74	0.8	0.2	6.4779E-05	5.93063E-06	0.000121886
H	W04	3	74	0.8	0.2	6.09581E-05	5.38923E-06	0.000137334
H	W05	3	74	0.8	0.2	6.52492E-05	5.62437E-06	0.000132752
H	W06	3	74	0.8	0.2	7.88869E-05	4.04016E-06	0.000144183
H	W07	3	74	0.8	0.2	8.62936E-05	3.70392E-06	0.000129301
H	W08	3	74	0.8	0.2	7.07749E-05	3.67159E-06	0.000119569

## Zone Deadband db

H	W09	3	74	0.8	0.2	6.84823E-05	3.59047E-06	0.000127602
H	W10	3	74	0.8	0.2	6.17223E-05	3.7821E-06	0.000128169
H	W11	3	74	0.8	0.2	4.84961E-05	5.82541E-06	0.000125285
H	W12	3	74	0.8	0.2	4.7438E-05	5.81776E-06	0.000133318
H	W13	3	74	0.8	0.2	5.74311E-05	4.8114E-06	0.000122453
H	W14	3	74	0.8	0.2	5.14352E-05	5.87008E-06	0.000123019
H	W15	3	74	0.8	0.2	6.78945E-05	2.62937E-06	0.000149899
H	W16	3	74	0.8	0.2	3.00969E-05	9.5599E-06	0.000124152
H	W01	3	74	0.8	0.3	7.45958E-05	2.02919E-05	0.000176264
H	W02	3	74	0.8	0.3	6.17223E-05	1.64505E-05	0.000199694
H	W03	3	74	0.8	0.3	8.6176E-05	1.79865E-05	0.000183679
H	W04	3	74	0.8	0.3	7.94748E-05	1.65909E-05	0.00020371
H	W05	3	74	0.8	0.3	8.41774E-05	1.75174E-05	0.000187644
H	W06	3	74	0.8	0.3	0.000101636	1.50761E-05	0.000192227
H	W07	3	74	0.8	0.3	0.000105986	1.44618E-05	0.000188211
H	W08	3	74	0.8	0.3	8.9174E-05	1.40862E-05	0.00018198
H	W09	3	74	0.8	0.3	8.86449E-05	1.35489E-05	0.000195677
H	W10	3	74	0.8	0.3	7.71822E-05	1.3804E-05	0.000199694
H	W11	3	74	0.8	0.3	6.29567E-05	1.62388E-05	0.000189961
H	W12	3	74	0.8	0.3	6.51317E-05	1.67191E-05	0.00020026
H	W13	3	74	0.8	0.3	7.14802E-05	1.46623E-05	0.000185378
H	W14	3	74	0.8	0.3	6.32506E-05	1.53418E-05	0.00019336
H	W15	3	74	0.8	0.3	8.2649E-05	1.0591E-05	0.000216275
H	W16	3	74	0.8	0.3	4.21475E-05	1.98869E-05	0.000184812
H	W01	3	74	0.8	0.4	7.65356E-05	3.85329E-05	0.000136768
H	W02	3	74	0.8	0.4	5.96061E-05	3.35058E-05	0.000169364
H	W03	3	74	0.8	0.4	9.0526E-05	3.55843E-05	0.000130434
H	W04	3	74	0.8	0.4	8.40598E-05	3.39361E-05	0.000163648
H	W05	3	74	0.8	0.4	8.92327E-05	3.51635E-05	0.00013615
H	W06	3	74	0.8	0.4	0.000103576	3.22096E-05	0.000135069
H	W07	3	74	0.8	0.4	0.00011157	3.14889E-05	0.000140733
H	W08	3	74	0.8	0.4	9.02321E-05	3.09228E-05	0.000159065
H	W09	3	74	0.8	0.4	9.14077E-05	2.98847E-05	0.00017683
H	W10	3	74	0.8	0.4	7.59478E-05	3.05602E-05	0.000177912
H	W11	3	74	0.8	0.4	6.07229E-05	3.29138E-05	0.000173329
H	W12	3	74	0.8	0.4	6.56607E-05	3.39079E-05	0.000165914
H	W13	3	74	0.8	0.4	6.97168E-05	3.10657E-05	0.000173947
H	W14	3	74	0.8	0.4	5.87831E-05	3.19915E-05	0.00017853
H	W15	3	74	0.8	0.4	8.0768E-05	2.55266E-05	0.000211125
H	W16	3	74	0.8	0.4	4.15597E-05	3.69422E-05	0.000148148
H	W01	3	74	0.94	0.2	5.69608E-05	6.30037E-06	0.000147067
H	W02	3	74	0.94	0.2	4.47927E-05	4.92073E-06	0.000131052
H	W03	3	74	0.94	0.2	6.4779E-05	5.04712E-06	0.000121886
H	W04	3	74	0.94	0.2	6.09581E-05	4.58626E-06	0.000137334
H	W05	3	74	0.94	0.2	6.52492E-05	4.78671E-06	0.000132752
H	W06	3	74	0.94	0.2	7.88869E-05	3.43822E-06	0.000144183
H	W07	3	74	0.94	0.2	8.62936E-05	3.15254E-06	0.000129301
H	W08	3	74	0.94	0.2	7.07749E-05	3.12491E-06	0.000119569
H	W09	3	74	0.94	0.2	6.84823E-05	3.05613E-06	0.000127602
H	W10	3	74	0.94	0.2	6.17223E-05	3.21896E-06	0.000128169
H	W11	3	74	0.94	0.2	4.84961E-05	4.95777E-06	0.000125285
H	W12	3	74	0.94	0.2	4.7438E-05	4.9513E-06	0.000133318
H	W13	3	74	0.94	0.2	5.74311E-05	4.09483E-06	0.000122453
H	W14	3	74	0.94	0.2	5.14352E-05	4.99598E-06	0.000123019
H	W15	3	74	0.94	0.2	6.78945E-05	2.23728E-06	0.000149899
H	W16	3	74	0.94	0.2	3.00969E-05	8.13617E-06	0.000124152
H	W01	3	74	0.94	0.3	7.45958E-05	1.72693E-05	0.000176264
H	W02	3	74	0.94	0.3	6.17223E-05	1.40004E-05	0.000199694
H	W03	3	74	0.94	0.3	8.6176E-05	1.53077E-05	0.000183679
H	W04	3	74	0.94	0.3	7.94748E-05	1.41197E-05	0.00020371
H	W05	3	74	0.94	0.3	8.41774E-05	1.49086E-05	0.000187644
H	W06	3	74	0.94	0.3	0.000101636	1.28306E-05	0.000192227
H	W07	3	74	0.94	0.3	0.000105986	1.2308E-05	0.000188211
H	W08	3	74	0.94	0.3	8.9174E-05	1.19888E-05	0.00018198
H	W09	3	74	0.94	0.3	8.86449E-05	1.15315E-05	0.000195677
H	W10	3	74	0.94	0.3	7.71822E-05	1.17484E-05	0.000199694
H	W11	3	74	0.94	0.3	6.29567E-05	1.38199E-05	0.000189961
H	W12	3	74	0.94	0.3	6.51317E-05	1.4229E-05	0.00020026
H	W13	3	74	0.94	0.3	7.14802E-05	1.24785E-05	0.000185378
H	W14	3	74	0.94	0.3	6.32506E-05	1.30569E-05	0.00019336
H	W15	3	74	0.94	0.3	8.2649E-05	9.0138E-06	0.000216275
H	W16	3	74	0.94	0.3	4.21475E-05	1.69248E-05	0.000184812
H	W01	3	74	0.94	0.4	7.65356E-05	3.27933E-05	0.000136768

## Zone Deadband db

H	W02	3	74	0.94	0.4	5.96061E-05	2.85151E-05	0.000169364
H	W03	3	74	0.94	0.4	9.0526E-05	3.02839E-05	0.000130434
H	W04	3	74	0.94	0.4	8.40598E-05	2.88819E-05	0.000163648
H	W05	3	74	0.94	0.4	8.92327E-05	2.99259E-05	0.00013615
H	W06	3	74	0.94	0.4	0.000103576	2.74123E-05	0.000135069
H	W07	3	74	0.94	0.4	0.00011157	2.67986E-05	0.000140733
H	W08	3	74	0.94	0.4	9.02321E-05	2.63178E-05	0.000159065
H	W09	3	74	0.94	0.4	9.14077E-05	2.54337E-05	0.00017683
H	W10	3	74	0.94	0.4	7.59478E-05	2.60086E-05	0.000177912
H	W11	3	74	0.94	0.4	6.07229E-05	2.80119E-05	0.000173329
H	W12	3	74	0.94	0.4	6.56607E-05	2.88578E-05	0.000165914
H	W13	3	74	0.94	0.4	6.97168E-05	2.64389E-05	0.000173947
H	W14	3	74	0.94	0.4	5.87831E-05	2.72272E-05	0.00017853
H	W15	3	74	0.94	0.4	8.0768E-05	2.17251E-05	0.000211125
H	W16	3	74	0.94	0.4	4.15597E-05	3.14401E-05	0.000148148
H	W01	5	74	0.8	0.2	5.64318E-05	7.18859E-06	0.000172196
H	W02	5	74	0.8	0.2	5.09062E-05	5.9077E-06	0.000136202
H	W03	5	74	0.8	0.2	7.16566E-05	5.76427E-06	0.000137283
H	W04	5	74	0.8	0.2	7.01282E-05	5.39394E-06	0.0001413
H	W05	5	74	0.8	0.2	7.2362E-05	5.66552E-06	0.000129301
H	W06	5	74	0.8	0.2	9.1878E-05	3.97315E-06	0.000150465
H	W07	5	74	0.8	0.2	9.8932E-05	3.63162E-06	0.000135635
H	W08	5	74	0.8	0.2	8.30605E-05	3.73038E-06	0.000120135
H	W09	5	74	0.8	0.2	8.04741E-05	3.53992E-06	0.000137901
H	W10	5	74	0.8	0.2	6.81884E-05	3.90614E-06	0.000136202
H	W11	5	74	0.8	0.2	5.23757E-05	5.84069E-06	0.000133884
H	W12	5	74	0.8	0.2	5.41392E-05	5.78837E-06	0.000135017
H	W13	5	74	0.8	0.2	6.2075E-05	4.84961E-06	0.000131052
H	W14	5	74	0.8	0.2	5.27872E-05	6.14989E-06	0.000126469
H	W15	5	74	0.8	0.2	7.1539E-05	2.71872E-06	0.000153349
H	W16	5	74	0.8	0.2	3.67394E-05	9.69157E-06	0.000120753
H	W01	5	74	0.8	0.3	6.18986E-05	1.59696E-05	0.000214009
H	W02	5	74	0.8	0.3	6.31918E-05	1.42931E-05	0.00020371
H	W03	5	74	0.8	0.3	8.27666E-05	1.46417E-05	0.000195111
H	W04	5	74	0.8	0.3	8.6176E-05	1.43149E-05	0.000203092
H	W05	5	74	0.8	0.3	8.43537E-05	1.49203E-05	0.000191094
H	W06	5	74	0.8	0.3	0.000105633	1.29E-05	0.000202011
H	W07	5	74	0.8	0.3	0.000110571	1.22328E-05	0.000196244
H	W08	5	74	0.8	0.3	9.95198E-05	1.28265E-05	0.000184812
H	W09	5	74	0.8	0.3	9.72272E-05	1.19277E-05	0.00020541
H	W10	5	74	0.8	0.3	8.32957E-05	1.27759E-05	0.000208293
H	W11	5	74	0.8	0.3	6.62486E-05	1.38834E-05	0.000199642
H	W12	5	74	0.8	0.3	6.81884E-05	1.42437E-05	0.000200827
H	W13	5	74	0.8	0.3	7.54775E-05	1.26801E-05	0.000195111
H	W14	5	74	0.8	0.3	6.57783E-05	1.36876E-05	0.000197428
H	W15	5	74	0.8	0.3	8.84686E-05	1.00637E-05	0.000220291
H	W16	5	74	0.8	0.3	4.7438E-05	1.71329E-05	0.000180795
H	W01	5	74	0.8	0.4	5.19055E-05	2.77474E-05	0.000172762
H	W02	5	74	0.8	0.4	5.51973E-05	2.69844E-05	0.000172247
H	W03	5	74	0.8	0.4	7.0187E-05	2.66099E-05	0.000134451
H	W04	5	74	0.8	0.4	7.80052E-05	2.72583E-05	0.000157366
H	W05	5	74	0.8	0.4	7.3185E-05	2.76081E-05	0.000139034
H	W06	5	74	0.8	0.4	9.18192E-05	2.56447E-05	0.000147582
H	W07	5	74	0.8	0.4	9.44644E-05	2.46648E-05	0.000149333
H	W08	5	74	0.8	0.4	9.04084E-05	2.65406E-05	0.000159631
H	W09	5	74	0.8	0.4	8.94679E-05	2.46736E-05	0.000180229
H	W10	5	74	0.8	0.4	7.60065E-05	2.6624E-05	0.000182546
H	W11	5	74	0.8	0.4	5.93121E-05	2.67622E-05	0.000179663
H	W12	5	74	0.8	0.4	6.26628E-05	2.71637E-05	0.000165347
H	W13	5	74	0.8	0.4	6.76593E-05	2.54472E-05	0.000179096
H	W14	5	74	0.8	0.4	5.83716E-05	2.63331E-05	0.000183679
H	W15	5	74	0.8	0.4	8.08855E-05	2.27273E-05	0.000213391
H	W16	5	74	0.8	0.4	4.16772E-05	2.87026E-05	0.00014475
H	W01	5	74	0.94	0.2	5.64318E-05	6.11815E-06	0.000172196
H	W02	5	74	0.94	0.2	5.09062E-05	5.02772E-06	0.000136202
H	W03	5	74	0.94	0.2	7.16566E-05	4.90545E-06	0.000137283
H	W04	5	74	0.94	0.2	7.01282E-05	4.59037E-06	0.0001413
H	W05	5	74	0.94	0.2	7.2362E-05	4.82139E-06	0.000129301
H	W06	5	74	0.94	0.2	9.1878E-05	3.38179E-06	0.000150465
H	W07	5	74	0.94	0.2	9.8932E-05	3.09082E-06	0.000135635
H	W08	5	74	0.94	0.2	8.30605E-05	3.17488E-06	0.000120135
H	W09	5	74	0.94	0.2	8.04741E-05	3.01263E-06	0.000137901
H	W10	5	74	0.94	0.2	6.81884E-05	3.32477E-06	0.000136202



## Zone Deadband db

H	W11	5	74	0.94	0.2	5.23757E-05	4.9707E-06	0.000133884
H	W12	5	74	0.94	0.2	5.41392E-05	4.92602E-06	0.000135017
H	W13	5	74	0.94	0.2	6.2075E-05	4.12775E-06	0.000131052
H	W14	5	74	0.94	0.2	5.27872E-05	5.23405E-06	0.000126469
H	W15	5	74	0.94	0.2	7.1539E-05	2.31311E-06	0.000153349
H	W16	5	74	0.94	0.2	3.67394E-05	8.24786E-06	0.000120753
H	W01	5	74	0.94	0.3	6.18986E-05	1.35912E-05	0.000214009
H	W02	5	74	0.94	0.3	6.31918E-05	1.2164E-05	0.00020371
H	W03	5	74	0.94	0.3	8.27666E-05	1.24608E-05	0.000195111
H	W04	5	74	0.94	0.3	8.6176E-05	1.21828E-05	0.000203092
H	W05	5	74	0.94	0.3	8.43537E-05	1.26977E-05	0.000191094
H	W06	5	74	0.94	0.3	0.000105633	1.09789E-05	0.000202011
H	W07	5	74	0.94	0.3	0.000110571	1.04105E-05	0.000196244
H	W08	5	74	0.94	0.3	9.95198E-05	1.0916E-05	0.000184812
H	W09	5	74	0.94	0.3	9.72272E-05	1.01513E-05	0.00020541
H	W10	5	74	0.94	0.3	8.32957E-05	1.08731E-05	0.000208293
H	W11	5	74	0.94	0.3	6.62486E-05	1.18154E-05	0.000199642
H	W12	5	74	0.94	0.3	6.81884E-05	1.21223E-05	0.000200827
H	W13	5	74	0.94	0.3	7.54775E-05	1.0792E-05	0.000195111
H	W14	5	74	0.94	0.3	6.57783E-05	1.1649E-05	0.000197428
H	W15	5	74	0.94	0.3	8.84686E-05	8.5647E-06	0.000220291
H	W16	5	74	0.94	0.3	4.7438E-05	1.45817E-05	0.000180795
H	W01	5	74	0.94	0.4	5.19055E-05	2.36149E-05	0.000172762
H	W02	5	74	0.94	0.4	5.51973E-05	2.29654E-05	0.000172247
H	W03	5	74	0.94	0.4	7.0187E-05	2.26468E-05	0.000134451
H	W04	5	74	0.94	0.4	7.80052E-05	2.31988E-05	0.000157366
H	W05	5	74	0.94	0.4	7.3185E-05	2.34962E-05	0.000139034
H	W06	5	74	0.94	0.4	9.18192E-05	2.1825E-05	0.000147582
H	W07	5	74	0.94	0.4	9.44644E-05	2.09914E-05	0.000149333
H	W08	5	74	0.94	0.4	9.04084E-05	2.2588E-05	0.000159631
H	W09	5	74	0.94	0.4	8.94679E-05	2.09991E-05	0.000180229
H	W10	5	74	0.94	0.4	7.60065E-05	2.26591E-05	0.000182546
H	W11	5	74	0.94	0.4	5.93121E-05	2.27761E-05	0.000179663
H	W12	5	74	0.94	0.4	6.26628E-05	2.31176E-05	0.000165347
H	W13	5	74	0.94	0.4	6.76593E-05	2.16575E-05	0.000179096
H	W14	5	74	0.94	0.4	5.83716E-05	2.24111E-05	0.000183679
H	W15	5	74	0.94	0.4	8.08855E-05	1.93426E-05	0.000213391
H	W16	5	74	0.94	0.4	4.16772E-05	2.44273E-05	0.00014475
Htl	W01	75	70	0.8	0.2	0.000300796	6.91908E-06	0.000554493
Htl	W02	75	70	0.8	0.2	0.000326787	6.86567E-06	0.000352438
Htl	W03	75	70	0.8	0.2	0.000377523	5.19821E-06	0.000727749
Htl	W04	75	70	0.8	0.2	0.000385949	5.53645E-06	0.000554649
Htl	W05	75	70	0.8	0.2	0.000381083	5.11513E-06	0.000646865
Htl	W06	75	70	0.8	0.2	0.000376633	2.78306E-06	0.000669997
Htl	W07	75	70	0.8	0.2	0.000395562	2.5457E-06	0.000594935
Htl	W08	75	70	0.8	0.2	0.00042096	2.97295E-06	0.000306174
Htl	W09	75	70	0.8	0.2	0.000407549	3.1569E-06	0.00031761
Htl	W10	75	70	0.8	0.2	0.000420782	3.86305E-06	0.000271346
Htl	W11	75	70	0.8	0.2	0.000339901	6.49776E-06	0.000207928
Htl	W12	75	70	0.8	0.2	0.000331059	6.3138E-06	0.000415857
Htl	W13	75	70	0.8	0.2	0.000323345	5.03799E-06	0.000167382
Htl	W14	75	70	0.8	0.2	0.000360908	6.64018E-06	0.000155946
Htl	W15	75	70	0.8	0.2	0.000431166	2.37954E-06	9.82461E-05
Htl	W16	75	70	0.8	0.2	0.000221873	1.07881E-05	0.000190774
Htl	W01	75	70	0.8	0.3	0.000150665	8.75269E-06	0.000577573
Htl	W02	75	70	0.8	0.3	0.000206563	8.86544E-06	0.000415857
Htl	W03	75	70	0.8	0.3	0.000277594	7.15644E-06	0.000773961
Htl	W04	75	70	0.8	0.3	0.000248932	7.27512E-06	0.000618067
Htl	W05	75	70	0.8	0.3	0.000246203	7.1149E-06	0.000704669
Htl	W06	75	70	0.8	0.3	0.000319725	4.16569E-06	0.000716157
Htl	W07	75	70	0.8	0.3	0.000300736	3.82745E-06	0.000641095
Htl	W08	75	70	0.8	0.3	0.000329338	4.34964E-06	0.000375311
Htl	W09	75	70	0.8	0.3	0.000305543	4.78283E-06	0.000392465
Htl	W10	75	70	0.8	0.3	0.000290886	5.38216E-06	0.000335284
Htl	W11	75	70	0.8	0.3	0.000239675	8.22456E-06	0.000254192
Htl	W12	75	70	0.8	0.3	0.000229409	8.30764E-06	0.000479275
Htl	W13	75	70	0.8	0.3	0.000254866	6.59864E-06	0.000225602
Htl	W14	75	70	0.8	0.3	0.000239557	7.99313E-06	0.000213646
Htl	W15	75	70	0.8	0.3	0.000340851	3.44174E-06	0.000150228
Htl	W16	75	70	0.8	0.3	0.000158498	1.23902E-05	0.000266148
Htl	W01	75	70	0.8	0.4	0.000126513	1.14349E-05	0.000600705
Htl	W02	75	70	0.8	0.4	0.000189117	1.15357E-05	0.000479275
Htl	W03	75	70	0.8	0.4	0.000183539	1.01056E-05	0.000808633



## Zone Deadband db

Htl	W04	75	70	0.8	0.4	0.000213744	9.70807E-06	0.000675767
Htl	W05	75	70	0.8	0.4	0.000207098	9.78521E-06	0.000750829
Htl	W06	75	70	0.8	0.4	0.000243058	6.20699E-06	0.000745059
Htl	W07	75	70	0.8	0.4	0.000258368	5.80941E-06	0.000687307
Htl	W08	75	70	0.8	0.4	0.000267506	6.40875E-06	0.000433011
Htl	W09	75	70	0.8	0.4	0.00025724	7.1683E-06	0.000462121
Htl	W10	75	70	0.8	0.4	0.000252374	7.55995E-06	0.000409619
Htl	W11	75	70	0.8	0.4	0.00020508	1.07881E-05	0.000306174
Htl	W12	75	70	0.8	0.4	0.000199205	1.12094E-05	0.000548931
Htl	W13	75	70	0.8	0.4	0.000229409	8.74082E-06	0.000282782
Htl	W14	75	70	0.8	0.4	0.00021499	9.63686E-06	0.000282782
Htl	W15	75	70	0.8	0.4	0.000307264	4.96678E-06	0.00020221
Htl	W16	75	70	0.8	0.4	0.000137907	1.44612E-05	0.000334765
Htl	W01	75	70	0.94	0.2	0.000300796	5.89249E-06	0.000554493
Htl	W02	75	70	0.94	0.2	0.000326787	5.84502E-06	0.000352438
Htl	W03	75	70	0.94	0.2	0.000377523	4.42085E-06	0.000727749
Htl	W04	75	70	0.94	0.2	0.000385949	4.70568E-06	0.000554649
Htl	W05	75	70	0.94	0.2	0.000381083	4.34964E-06	0.000646865
Htl	W06	75	70	0.94	0.2	0.000376633	2.36174E-06	0.000669997
Htl	W07	75	70	0.94	0.2	0.000395562	2.17185E-06	0.000594935
Htl	W08	75	70	0.94	0.2	0.00042096	2.5279E-06	0.000306174
Htl	W09	75	70	0.94	0.2	0.000407549	2.68218E-06	0.00031761
Htl	W10	75	70	0.94	0.2	0.000420782	3.28745E-06	0.000271346
Htl	W11	75	70	0.94	0.2	0.000339901	5.53645E-06	0.000207928
Htl	W12	75	70	0.94	0.2	0.000331059	5.37623E-06	0.000415857
Htl	W13	75	70	0.94	0.2	0.000323345	4.2903E-06	0.000167382
Htl	W14	75	70	0.94	0.2	0.000360908	5.64919E-06	0.000155946
Htl	W15	75	70	0.94	0.2	0.000431166	2.0235E-06	9.82461E-05
Htl	W16	75	70	0.94	0.2	0.000221873	9.17994E-06	0.000190774
Htl	W01	75	70	0.94	0.3	0.000150665	7.4472E-06	0.000577573
Htl	W02	75	70	0.94	0.3	0.000206563	7.54808E-06	0.000415857
Htl	W03	75	70	0.94	0.3	0.000277594	6.08831E-06	0.000773961
Htl	W04	75	70	0.94	0.3	0.000248932	6.19512E-06	0.000618067
Htl	W05	75	70	0.94	0.3	0.000246203	6.05864E-06	0.000704669
Htl	W06	75	70	0.94	0.3	0.000319725	3.54261E-06	0.000716157
Htl	W07	75	70	0.94	0.3	0.000300736	3.26371E-06	0.000641095
Htl	W08	75	70	0.94	0.3	0.000329338	3.6969E-06	0.000375311
Htl	W09	75	70	0.94	0.3	0.000305543	4.07074E-06	0.000392465
Htl	W10	75	70	0.94	0.3	0.000290886	4.58107E-06	0.000335284
Htl	W11	75	70	0.94	0.3	0.000239675	6.99622E-06	0.000254192
Htl	W12	75	70	0.94	0.3	0.000229409	7.07336E-06	0.000479275
Htl	W13	75	70	0.94	0.3	0.000254866	5.61359E-06	0.000225602
Htl	W14	75	70	0.94	0.3	0.000239557	6.80633E-06	0.000213646
Htl	W15	75	70	0.94	0.3	0.000340851	2.93734E-06	0.000150228
Htl	W16	75	70	0.94	0.3	0.000158498	1.05448E-05	0.000266148
Htl	W01	75	70	0.94	0.4	0.000126513	9.72587E-06	0.000600705
Htl	W02	75	70	0.94	0.4	0.000189117	9.82081E-06	0.000479275
Htl	W03	75	70	0.94	0.4	0.000183539	8.59841E-06	0.000808633
Htl	W04	75	70	0.94	0.4	0.000213744	8.26017E-06	0.000675767
Htl	W05	75	70	0.94	0.4	0.000207098	8.33137E-06	0.000750829
Htl	W06	75	70	0.94	0.4	0.000243058	5.28722E-06	0.000745059
Htl	W07	75	70	0.94	0.4	0.000258368	4.94304E-06	0.000687307
Htl	W08	75	70	0.94	0.4	0.000267506	5.45337E-06	0.000433011
Htl	W09	75	70	0.94	0.4	0.00025724	6.10018E-06	0.000462121
Htl	W10	75	70	0.94	0.4	0.000252374	6.43249E-06	0.000409619
Htl	W11	75	70	0.94	0.4	0.00020508	9.17994E-06	0.000306174
Htl	W12	75	70	0.94	0.4	0.000199205	9.54192E-06	0.000548931
Htl	W13	75	70	0.94	0.4	0.000229409	7.44127E-06	0.000282782
Htl	W14	75	70	0.94	0.4	0.00021499	8.20083E-06	0.000282782
Htl	W15	75	70	0.94	0.4	0.000307264	4.23096E-06	0.00020221
Htl	W16	75	70	0.94	0.4	0.000137907	1.23072E-05	0.000334765
Htl	W01	85	70	0.8	0.2	0.000112925	5.4415E-06	0.000658457
Htl	W02	85	70	0.8	0.2	0.000183658	6.15359E-06	0.000589477
Htl	W03	85	70	0.8	0.2	0.00014485	4.39711E-06	0.000797093
Htl	W04	85	70	0.8	0.2	0.00017541	4.80656E-06	0.000774013
Htl	W05	85	70	0.8	0.2	0.0001925	4.80656E-06	0.000831713
Htl	W06	85	70	0.8	0.2	0.000240565	2.17185E-06	0.000785501
Htl	W07	85	70	0.8	0.2	0.000257774	2.06504E-06	0.000733519
Htl	W08	85	70	0.8	0.2	0.000248517	2.43295E-06	0.000583239
Htl	W09	85	70	0.8	0.2	0.000242998	2.61097E-06	0.000571803
Htl	W10	85	70	0.8	0.2	0.000239616	3.25185E-06	0.000543213
Htl	W11	85	70	0.8	0.2	0.000185676	5.86282E-06	0.000467839
Htl	W12	85	70	0.8	0.2	0.000169476	5.61359E-06	0.000664331

## Zone Deadband db

Htl	W13	85	70	0.8	0.2	0.000220449	4.45645E-06	0.000473557
Htl	W14	85	70	0.8	0.2	0.000234513	5.55425E-06	0.000473557
Htl	W15	85	70	0.8	0.2	0.00031035	1.61406E-06	0.000398703
Htl	W16	85	70	0.8	0.2	0.000144612	9.69027E-06	0.000467839
Htl	W01	85	70	0.8	0.3	0.000127641	6.37315E-06	0.000664227
Htl	W02	85	70	0.8	0.3	0.000205199	7.14457E-06	0.000635221
Htl	W03	85	70	0.8	0.3	0.000192322	5.35249E-06	0.000797041
Htl	W04	85	70	0.8	0.3	0.000217779	5.7026E-06	0.000803123
Htl	W05	85	70	0.8	0.3	0.000217601	5.79754E-06	0.000849023
Htl	W06	85	70	0.8	0.3	0.000254214	2.80086E-06	0.000814403
Htl	W07	85	70	0.8	0.3	0.000268218	2.68218E-06	0.000762421
Htl	W08	85	70	0.8	0.3	0.000265192	3.08569E-06	0.000629503
Htl	W09	85	70	0.8	0.3	0.000260385	3.34679E-06	0.000618067
Htl	W10	85	70	0.8	0.3	0.00025908	3.92239E-06	0.000594675
Htl	W11	85	70	0.8	0.3	0.000213922	6.64611E-06	0.000514103
Htl	W12	85	70	0.8	0.3	0.000205436	6.5749E-06	0.000704357
Htl	W13	85	70	0.8	0.3	0.000245906	5.18041E-06	0.000519821
Htl	W14	85	70	0.8	0.3	0.000245847	6.23666E-06	0.000525539
Htl	W15	85	70	0.8	0.3	0.000324888	2.0235E-06	0.000450685
Htl	W16	85	70	0.8	0.3	0.000152267	1.05329E-05	0.000508385
Htl	W01	85	70	0.8	0.4	0.000152208	7.38193E-06	0.000669945
Htl	W02	85	70	0.8	0.4	0.000223238	9.06126E-06	0.000681485
Htl	W03	85	70	0.8	0.4	0.000200155	6.75292E-06	0.000802811
Htl	W04	85	70	0.8	0.4	0.000224959	6.96655E-06	0.000837431
Htl	W05	85	70	0.8	0.4	0.000230418	7.20984E-06	0.000872155
Htl	W06	85	70	0.8	0.4	0.000265726	3.80371E-06	0.000837483
Htl	W07	85	70	0.8	0.4	0.000270532	3.64943E-06	0.000785553
Htl	W08	85	70	0.8	0.4	0.000267921	3.90459E-06	0.000675767
Htl	W09	85	70	0.8	0.4	0.000264895	4.8125E-06	0.000664331
Htl	W10	85	70	0.8	0.4	0.000269464	5.22788E-06	0.000640939
Htl	W11	85	70	0.8	0.4	0.000225908	8.42038E-06	0.000560367
Htl	W12	85	70	0.8	0.4	0.000214218	8.68148E-06	0.000745423
Htl	W13	85	70	0.8	0.4	0.000248517	6.43842E-06	0.000571803
Htl	W14	85	70	0.8	0.4	0.00025902	8.2839E-06	0.000583239
Htl	W15	85	70	0.8	0.4	0.000324769	2.83053E-06	0.000508385
Htl	W16	85	70	0.8	0.4	0.00016099	1.19155E-05	0.000554649
Htl	W01	85	70	0.94	0.2	0.000112925	4.63448E-06	0.000658457
Htl	W02	85	70	0.94	0.2	0.000183658	5.23975E-06	0.000589477
Htl	W03	85	70	0.94	0.2	0.00014485	3.74437E-06	0.000797093
Htl	W04	85	70	0.94	0.2	0.00017541	4.08854E-06	0.000774013
Htl	W05	85	70	0.94	0.2	0.0001925	4.09448E-06	0.000831713
Htl	W06	85	70	0.94	0.2	0.000240565	1.85142E-06	0.000785501
Htl	W07	85	70	0.94	0.2	0.000257774	1.75647E-06	0.000733519
Htl	W08	85	70	0.94	0.2	0.000248517	2.07691E-06	0.000583239
Htl	W09	85	70	0.94	0.2	0.000242998	2.21339E-06	0.000571803
Htl	W10	85	70	0.94	0.2	0.000239616	2.77119E-06	0.000543213
Htl	W11	85	70	0.94	0.2	0.000185676	4.99052E-06	0.000467839
Htl	W12	85	70	0.94	0.2	0.000169476	4.78283E-06	0.000664331
Htl	W13	85	70	0.94	0.2	0.000220449	3.79778E-06	0.000473557
Htl	W14	85	70	0.94	0.2	0.000234513	4.72349E-06	0.000473557
Htl	W15	85	70	0.94	0.2	0.00031035	1.37076E-06	0.000398703
Htl	W16	85	70	0.94	0.2	0.000144612	8.2483E-06	0.000467839
Htl	W01	85	70	0.94	0.3	0.000127641	5.4237E-06	0.000664227
Htl	W02	85	70	0.94	0.3	0.000205199	6.08238E-06	0.000635221
Htl	W03	85	70	0.94	0.3	0.000192322	4.55733E-06	0.000797041
Htl	W04	85	70	0.94	0.3	0.000217779	4.85403E-06	0.000803123
Htl	W05	85	70	0.94	0.3	0.000217601	4.92524E-06	0.000849023
Htl	W06	85	70	0.94	0.3	0.000254214	2.37954E-06	0.000814403
Htl	W07	85	70	0.94	0.3	0.000268218	2.2846E-06	0.000762421
Htl	W08	85	70	0.94	0.3	0.000265192	2.62877E-06	0.000629503
Htl	W09	85	70	0.94	0.3	0.000260385	2.85427E-06	0.000618067
Htl	W10	85	70	0.94	0.3	0.00025908	3.33492E-06	0.000594675
Htl	W11	85	70	0.94	0.3	0.000213922	5.65513E-06	0.000514103
Htl	W12	85	70	0.94	0.3	0.000205436	5.59579E-06	0.000704357
Htl	W13	85	70	0.94	0.3	0.000245906	4.40898E-06	0.000519821
Htl	W14	85	70	0.94	0.3	0.000245847	5.31095E-06	0.000525539
Htl	W15	85	70	0.94	0.3	0.000324888	1.72087E-06	0.000450685
Htl	W16	85	70	0.94	0.3	0.000152267	8.96038E-06	0.000508385
Htl	W01	85	70	0.94	0.4	0.000152208	6.28413E-06	0.000669945
Htl	W02	85	70	0.94	0.4	0.000223238	7.7083E-06	0.000681485
Htl	W03	85	70	0.94	0.4	0.000200155	5.74414E-06	0.000802811
Htl	W04	85	70	0.94	0.4	0.000224959	5.92809E-06	0.000837431
Htl	W05	85	70	0.94	0.4	0.000230418	6.13578E-06	0.000872155

## Zone Deadband db

Htl	W06	85	70	0.94	0.4	0.000265726	3.23998E-06	0.000837483
Htl	W07	85	70	0.94	0.4	0.000270532	3.10943E-06	0.000785553
Htl	W08	85	70	0.94	0.4	0.000267921	3.32306E-06	0.000675767
Htl	W09	85	70	0.94	0.4	0.000264895	4.09448E-06	0.000664331
Htl	W10	85	70	0.94	0.4	0.000269464	4.44459E-06	0.000640939
Htl	W11	85	70	0.94	0.4	0.000225908	7.16237E-06	0.000560367
Htl	W12	85	70	0.94	0.4	0.000214218	7.38193E-06	0.000745423
Htl	W13	85	70	0.94	0.4	0.000248517	5.47711E-06	0.000571803
Htl	W14	85	70	0.94	0.4	0.00025902	7.04962E-06	0.000583239
Htl	W15	85	70	0.94	0.4	0.000324769	2.40921E-06	0.000508385
Htl	W16	85	70	0.94	0.4	0.00016099	1.01353E-05	0.000554649
Htl	W01	96	70	0.8	0.2	5.3881E-05	5.62546E-06	0.000531361
Htl	W02	96	70	0.8	0.2	0.000117019	6.09425E-06	0.000773961
Htl	W03	96	70	0.8	0.2	1.94636E-05	4.63448E-06	0.000467839
Htl	W04	96	70	0.8	0.2	0.000164135	5.01425E-06	0.000623785
Htl	W05	96	70	0.8	0.2	0.000115476	4.52766E-06	0.001386206
Htl	W06	96	70	0.8	0.2	0.000166805	2.41515E-06	0.001108934
Htl	W07	96	70	0.8	0.2	0.000140577	2.14218E-06	0.000623785
Htl	W08	96	70	0.8	0.2	0.000128234	2.51009E-06	0.000779731
Htl	W09	96	70	0.8	0.2	0.000174757	2.71778E-06	0.000785449
Htl	W10	96	70	0.8	0.2	0.000169238	3.25778E-06	0.000514103
Htl	W11	96	70	0.8	0.2	0.000180335	6.04677E-06	0.000363875
Htl	W12	96	70	0.8	0.2	0.000178496	5.88062E-06	0.000577573
Htl	W13	96	70	0.8	0.2	0.000233148	4.67008E-06	0.000519821
Htl	W14	96	70	0.8	0.2	0.000163186	5.78568E-06	0.000525591
Htl	W15	96	70	0.8	0.2	0.000253324	1.60812E-06	0.000438729
Htl	W16	96	70	0.8	0.2	0.000108177	9.90983E-06	0.000542901
Htl	W01	96	70	0.8	0.3	0.000116426	6.30194E-06	0.000531361
Htl	W02	96	70	0.8	0.3	0.00020781	6.78853E-06	0.000808633
Htl	W03	96	70	0.8	0.3	0.000159329	5.32876E-06	0.000462069
Htl	W04	96	70	0.8	0.3	0.000256825	5.66106E-06	0.000623785
Htl	W05	96	70	0.8	0.3	0.000198612	5.15667E-06	0.001391976
Htl	W06	96	70	0.8	0.3	0.000261928	2.89581E-06	0.001114704
Htl	W07	96	70	0.8	0.3	0.000213625	2.62284E-06	0.000641095
Htl	W08	96	70	0.8	0.3	0.00021404	3.01449E-06	0.000814351
Htl	W09	96	70	0.8	0.3	0.000295989	3.31712E-06	0.000820277
Htl	W10	96	70	0.8	0.3	0.00023748	3.7147E-06	0.000554649
Htl	W11	96	70	0.8	0.3	0.00020508	6.62831E-06	0.000398495
Htl	W12	96	70	0.8	0.3	0.000218194	6.5215E-06	0.000606475
Htl	W13	96	70	0.8	0.3	0.000254629	5.18041E-06	0.000560315
Htl	W14	96	70	0.8	0.3	0.000224069	6.32567E-06	0.000565981
Htl	W15	96	70	0.8	0.3	0.000307561	2.05317E-06	0.000479795
Htl	W16	96	70	0.8	0.3	0.000124259	1.03311E-05	0.000571803
Htl	W01	96	70	0.8	0.4	0.000118443	7.08523E-06	0.000542953
Htl	W02	96	70	0.8	0.4	0.000217779	8.71115E-06	0.000843253
Htl	W03	96	70	0.8	0.4	0.000160753	6.65798E-06	0.000467839
Htl	W04	96	70	0.8	0.4	0.000257359	6.90721E-06	0.000629555
Htl	W05	96	70	0.8	0.4	0.000199621	6.37315E-06	0.001386206
Htl	W06	96	70	0.8	0.4	0.000264005	3.89272E-06	0.001132066
Htl	W07	96	70	0.8	0.4	0.000214278	3.51294E-06	0.000646865
Htl	W08	96	70	0.8	0.4	0.000212913	4.24876E-06	0.000860563
Htl	W09	96	70	0.8	0.4	0.00029866	5.08546E-06	0.000860407
Htl	W10	96	70	0.8	0.4	0.000238133	5.1092E-06	0.000594675
Htl	W11	96	70	0.8	0.4	0.000204249	7.91006E-06	0.000444707
Htl	W12	96	70	0.8	0.4	0.000220686	7.9872E-06	0.000635325
Htl	W13	96	70	0.8	0.4	0.00025362	6.33161E-06	0.000606683
Htl	W14	96	70	0.8	0.4	0.000229588	8.33137E-06	0.000623785
Htl	W15	96	70	0.8	0.4	0.000301449	2.68811E-06	0.000519821
Htl	W16	96	70	0.8	0.4	0.000128946	1.13637E-05	0.000606475
Htl	W01	96	70	0.94	0.2	5.3881E-05	4.79469E-06	0.000531361
Htl	W02	96	70	0.94	0.2	0.000117019	5.18634E-06	0.000773961
Htl	W03	96	70	0.94	0.2	1.94636E-05	3.94613E-06	0.000467839
Htl	W04	96	70	0.94	0.2	0.000164135	4.26657E-06	0.000623785
Htl	W05	96	70	0.94	0.2	0.000115476	3.85118E-06	0.001386206
Htl	W06	96	70	0.94	0.2	0.000166805	2.05911E-06	0.001108934
Htl	W07	96	70	0.94	0.2	0.000140577	1.82768E-06	0.000623785
Htl	W08	96	70	0.94	0.2	0.000128234	2.13032E-06	0.000779731
Htl	W09	96	70	0.94	0.2	0.000174757	2.30834E-06	0.000785449
Htl	W10	96	70	0.94	0.2	0.000169238	2.77712E-06	0.000514103
Htl	W11	96	70	0.94	0.2	0.000180335	5.15074E-06	0.000363875
Htl	W12	96	70	0.94	0.2	0.000178496	5.00832E-06	0.000577573
Htl	W13	96	70	0.94	0.2	0.000233148	3.9758E-06	0.000519821
Htl	W14	96	70	0.94	0.2	0.000163186	4.92524E-06	0.000525591

## Zone Deadband db

Htl	W15	96	70	0.94	0.2	0.000253324	1.37076E-06	0.000438729
Htl	W16	96	70	0.94	0.2	0.000108177	8.43225E-06	0.000542901
Htl	W01	96	70	0.94	0.3	0.000116426	5.36436E-06	0.000531361
Htl	W02	96	70	0.94	0.3	0.00020781	5.77974E-06	0.000808633
Htl	W03	96	70	0.94	0.3	0.000159329	4.5336E-06	0.000462069
Htl	W04	96	70	0.94	0.3	0.000256825	4.81843E-06	0.000623785
Htl	W05	96	70	0.94	0.3	0.000198612	4.38525E-06	0.001391976
Htl	W06	96	70	0.94	0.3	0.000261928	2.46262E-06	0.001114704
Htl	W07	96	70	0.94	0.3	0.000213625	2.23119E-06	0.000641095
Htl	W08	96	70	0.94	0.3	0.00021404	2.56943E-06	0.000814351
Htl	W09	96	70	0.94	0.3	0.000295989	2.81866E-06	0.000820277
Htl	W10	96	70	0.94	0.3	0.00023748	3.16284E-06	0.000554649
Htl	W11	96	70	0.94	0.3	0.00020508	5.63733E-06	0.000398495
Htl	W12	96	70	0.94	0.3	0.000218194	5.54832E-06	0.000606475
Htl	W13	96	70	0.94	0.3	0.000254629	4.40898E-06	0.000560315
Htl	W14	96	70	0.94	0.3	0.000224069	5.3881E-06	0.000565981
Htl	W15	96	70	0.94	0.3	0.000307561	1.75054E-06	0.000479795
Htl	W16	96	70	0.94	0.3	0.000124259	8.79423E-06	0.000571803
Htl	W01	96	70	0.94	0.4	0.000118443	6.02897E-06	0.000542953
Htl	W02	96	70	0.94	0.4	0.000217779	7.41753E-06	0.000843253
Htl	W03	96	70	0.94	0.4	0.000160753	5.667E-06	0.000467839
Htl	W04	96	70	0.94	0.4	0.000257359	5.88062E-06	0.000629555
Htl	W05	96	70	0.94	0.4	0.000199621	5.4237E-06	0.001386206
Htl	W06	96	70	0.94	0.4	0.000264005	3.31119E-06	0.001132066
Htl	W07	96	70	0.94	0.4	0.000214278	2.98482E-06	0.000646865
Htl	W08	96	70	0.94	0.4	0.000212913	3.61382E-06	0.000860563
Htl	W09	96	70	0.94	0.4	0.00029866	4.32591E-06	0.000860407
Htl	W10	96	70	0.94	0.4	0.000238133	4.35558E-06	0.000594675
Htl	W11	96	70	0.94	0.4	0.000204249	6.72919E-06	0.000444707
Htl	W12	96	70	0.94	0.4	0.000220686	6.79446E-06	0.000635325
Htl	W13	96	70	0.94	0.4	0.00025362	5.3881E-06	0.000606683
Htl	W14	96	70	0.94	0.4	0.000229588	7.09116E-06	0.000623785
Htl	W15	96	70	0.94	0.4	0.000301449	2.29053E-06	0.000519821
Htl	W16	96	70	0.94	0.4	0.000128946	9.66653E-06	0.000606475
Htl	W01	3	70	0.8	0.2	8.36698E-05	5.76194E-06	0.000421627
Htl	W02	3	70	0.8	0.2	0.000157489	5.81535E-06	0.000646917
Htl	W03	3	70	0.8	0.2	0.000106041	4.43272E-06	0.000404317
Htl	W04	3	70	0.8	0.2	0.000205673	4.85403E-06	0.000519821
Htl	W05	3	70	0.8	0.2	0.000139153	4.53953E-06	0.000935677
Htl	W06	3	70	0.8	0.2	0.000197188	2.36768E-06	0.000929907
Htl	W07	3	70	0.8	0.2	0.00017268	2.12438E-06	0.000612245
Htl	W08	3	70	0.8	0.2	0.000168289	2.40328E-06	0.000756651
Htl	W09	3	70	0.8	0.2	0.000258011	2.57537E-06	0.000739289
Htl	W10	3	70	0.8	0.2	0.000177783	3.1035E-06	0.000490919
Htl	W11	3	70	0.8	0.2	0.000196179	5.57205E-06	0.000433219
Htl	W12	3	70	0.8	0.2	0.00020324	5.35249E-06	0.000508281
Htl	W13	3	70	0.8	0.2	0.000218372	4.21316E-06	0.000571803
Htl	W14	3	70	0.8	0.2	0.000155531	5.87469E-06	0.000577573
Htl	W15	3	70	0.8	0.2	0.000273677	1.83361E-06	0.000531361
Htl	W16	3	70	0.8	0.2	9.17994E-05	9.9395E-06	0.000537131
Htl	W01	3	70	0.8	0.3	9.35203E-05	6.51556E-06	0.000415857
Htl	W02	3	70	0.8	0.3	0.000150724	6.836E-06	0.000641147
Htl	W03	3	70	0.8	0.3	0.000124081	4.93118E-06	0.000398547
Htl	W04	3	70	0.8	0.3	0.000190423	5.60172E-06	0.000514051
Htl	W05	3	70	0.8	0.3	0.000146036	4.99052E-06	0.000929907
Htl	W06	3	70	0.8	0.3	0.000227273	2.71778E-06	0.000924137
Htl	W07	3	70	0.8	0.3	0.000168408	2.48042E-06	0.000583395
Htl	W08	3	70	0.8	0.3	0.000176656	2.80679E-06	0.000739289
Htl	W09	3	70	0.8	0.3	0.000226324	2.878E-06	0.000739289
Htl	W10	3	70	0.8	0.3	0.000176122	3.42393E-06	0.000496741
Htl	W11	3	70	0.8	0.3	0.000158854	6.21886E-06	0.000467839
Htl	W12	3	70	0.8	0.3	0.000167696	5.89842E-06	0.000502511
Htl	W13	3	70	0.8	0.3	0.000198315	4.68788E-06	0.000565981
Htl	W14	3	70	0.8	0.3	0.000164373	6.84787E-06	0.000589165
Htl	W15	3	70	0.8	0.3	0.000238311	2.04724E-06	0.000560263
Htl	W16	3	70	0.8	0.3	9.34609E-05	1.05863E-05	0.000537183
Htl	W01	3	70	0.8	0.4	9.6606E-05	7.29292E-06	0.000467839
Htl	W02	3	70	0.8	0.4	0.000168348	9.46477E-06	0.000641095
Htl	W03	3	70	0.8	0.4	0.000132804	6.78259E-06	0.000404317
Htl	W04	3	70	0.8	0.4	0.000209946	8.37885E-06	0.000514051
Htl	W05	3	70	0.8	0.4	0.000155175	6.42655E-06	0.000929855
Htl	W06	3	70	0.8	0.4	0.000238904	5.02019E-06	0.000918315
Htl	W07	3	70	0.8	0.4	0.000181581	5.43557E-06	0.000554441

## Zone Deadband db

Htl	W08	3	70	0.8	0.4	0.000197662	6.10611E-06	0.000727749
Htl	W09	3	70	0.8	0.4	0.000251781	7.27512E-06	0.000727749
Htl	W10	3	70	0.8	0.4	0.000194636	6.72325E-06	0.000508281
Htl	W11	3	70	0.8	0.4	0.000191076	1.04142E-05	0.000502511
Htl	W12	3	70	0.8	0.4	0.000193034	9.75554E-06	0.000502459
Htl	W13	3	70	0.8	0.4	0.000231546	9.21554E-06	0.000566033
Htl	W14	3	70	0.8	0.4	0.000193331	1.13755E-05	0.000589113
Htl	W15	3	70	0.8	0.4	0.000267091	6.20699E-06	0.000566033
Htl	W16	3	70	0.8	0.4	0.00010616	1.37432E-05	0.000554493
Htl	W01	3	70	0.94	0.2	8.36698E-05	4.90744E-06	0.000421627
Htl	W02	3	70	0.94	0.2	0.000157489	4.95491E-06	0.000646917
Htl	W03	3	70	0.94	0.2	0.000106041	3.77998E-06	0.000404317
Htl	W04	3	70	0.94	0.2	0.000205673	4.13008E-06	0.000519821
Htl	W05	3	70	0.94	0.2	0.000139153	3.86305E-06	0.000935677
Htl	W06	3	70	0.94	0.2	0.000197188	2.01164E-06	0.000929907
Htl	W07	3	70	0.94	0.2	0.00017268	1.80394E-06	0.000612245
Htl	W08	3	70	0.94	0.2	0.000168289	2.04724E-06	0.000756651
Htl	W09	3	70	0.94	0.2	0.000258011	2.19559E-06	0.000739289
Htl	W10	3	70	0.94	0.2	0.000177783	2.64064E-06	0.000490919
Htl	W11	3	70	0.94	0.2	0.000196179	4.74129E-06	0.000433219
Htl	W12	3	70	0.94	0.2	0.00020324	4.55733E-06	0.000508281
Htl	W13	3	70	0.94	0.2	0.000218372	3.59009E-06	0.000571803
Htl	W14	3	70	0.94	0.2	0.000155531	4.99645E-06	0.000577573
Htl	W15	3	70	0.94	0.2	0.000273677	1.56065E-06	0.000531361
Htl	W16	3	70	0.94	0.2	9.17994E-05	8.46192E-06	0.000537131
Htl	W01	3	70	0.94	0.3	9.35203E-05	5.54238E-06	0.000415857
Htl	W02	3	70	0.94	0.3	0.000150724	5.82128E-06	0.000641147
Htl	W03	3	70	0.94	0.3	0.000124081	4.19536E-06	0.000398547
Htl	W04	3	70	0.94	0.3	0.000190423	4.76502E-06	0.000514051
Htl	W05	3	70	0.94	0.3	0.000146036	4.24876E-06	0.000929907
Htl	W06	3	70	0.94	0.3	0.000227273	2.30834E-06	0.000924137
Htl	W07	3	70	0.94	0.3	0.000168408	2.11251E-06	0.000583395
Htl	W08	3	70	0.94	0.3	0.000176656	2.38548E-06	0.000739289
Htl	W09	3	70	0.94	0.3	0.000226324	2.45075E-06	0.000739289
Htl	W10	3	70	0.94	0.3	0.000176122	2.91361E-06	0.000496741
Htl	W11	3	70	0.94	0.3	0.000158854	5.29315E-06	0.000467839
Htl	W12	3	70	0.94	0.3	0.000167696	5.02019E-06	0.000502511
Htl	W13	3	70	0.94	0.3	0.000198315	3.9936E-06	0.000565981
Htl	W14	3	70	0.94	0.3	0.000164373	5.82721E-06	0.000589165
Htl	W15	3	70	0.94	0.3	0.000238311	1.73867E-06	0.000560263
Htl	W16	3	70	0.94	0.3	9.34609E-05	9.00192E-06	0.000537183
Htl	W01	3	70	0.94	0.4	9.6606E-05	6.20699E-06	0.000467839
Htl	W02	3	70	0.94	0.4	0.000168348	8.05247E-06	0.000641095
Htl	W03	3	70	0.94	0.4	0.000132804	5.76787E-06	0.000404317
Htl	W04	3	70	0.94	0.4	0.000209946	7.12677E-06	0.000514051
Htl	W05	3	70	0.94	0.4	0.000155175	5.47117E-06	0.000929855
Htl	W06	3	70	0.94	0.4	0.000238904	4.2725E-06	0.000918315
Htl	W07	3	70	0.94	0.4	0.000181581	4.62261E-06	0.000554441
Htl	W08	3	70	0.94	0.4	0.000197662	5.19821E-06	0.000727749
Htl	W09	3	70	0.94	0.4	0.000251781	6.18919E-06	0.000727749
Htl	W10	3	70	0.94	0.4	0.000194636	5.7204E-06	0.000508281
Htl	W11	3	70	0.94	0.4	0.000191076	8.86544E-06	0.000502511
Htl	W12	3	70	0.94	0.4	0.000193034	8.3017E-06	0.000502459
Htl	W13	3	70	0.94	0.4	0.000231546	7.84478E-06	0.000566033
Htl	W14	3	70	0.94	0.4	0.000193331	9.68433E-06	0.000589113
Htl	W15	3	70	0.94	0.4	0.000267091	5.28722E-06	0.000566033
Htl	W16	3	70	0.94	0.4	0.00010616	1.17019E-05	0.000554493
Htl	W01	5	70	0.8	0.2	6.78853E-05	6.8182E-06	0.000410087
Htl	W02	5	70	0.8	0.2	0.00011963	6.62831E-06	0.000531361
Htl	W03	5	70	0.8	0.2	8.41445E-05	5.25161E-06	0.000433167
Htl	W04	5	70	0.8	0.2	0.000160337	5.60766E-06	0.000548723
Htl	W05	5	70	0.8	0.2	0.000108949	5.11513E-06	0.000739289
Htl	W06	5	70	0.8	0.2	0.000167399	2.62877E-06	0.000745059
Htl	W07	5	70	0.8	0.2	0.000147401	2.38548E-06	0.000571803
Htl	W08	5	70	0.8	0.2	0.000153157	2.59317E-06	0.000623785
Htl	W09	5	70	0.8	0.2	0.00020953	3.05009E-06	0.000652687
Htl	W10	5	70	0.8	0.2	0.0001601	3.54855E-06	0.000462069
Htl	W11	5	70	0.8	0.2	0.000146748	6.29007E-06	0.000392725
Htl	W12	5	70	0.8	0.2	0.000144197	6.07644E-06	0.000502511
Htl	W13	5	70	0.8	0.2	0.000174698	4.66415E-06	0.000560263
Htl	W14	5	70	0.8	0.2	0.000140518	6.41468E-06	0.000554441
Htl	W15	5	70	0.8	0.2	0.000217304	2.04131E-06	0.000514051
Htl	W16	5	70	0.8	0.2	9.83268E-05	1.10017E-05	0.000508281

## Zone Deadband db

Htl	W01	5	70	0.8	0.3	8.64588E-05	7.80325E-06	0.000415857
Htl	W02	5	70	0.8	0.3	0.000132922	7.63709E-06	0.000525591
Htl	W03	5	70	0.8	0.3	0.000118028	5.92809E-06	0.000438937
Htl	W04	5	70	0.8	0.3	0.000170959	6.45029E-06	0.000554441
Htl	W05	5	70	0.8	0.3	0.000133753	5.80348E-06	0.000745111
Htl	W06	5	70	0.8	0.3	0.000199977	3.19844E-06	0.000750881
Htl	W07	5	70	0.8	0.3	0.000166865	2.81273E-06	0.000542901
Htl	W08	5	70	0.8	0.3	0.000168942	3.09163E-06	0.000612193
Htl	W09	5	70	0.8	0.3	0.000202113	3.53075E-06	0.000658457
Htl	W10	5	70	0.8	0.3	0.000167518	4.11821E-06	0.000473609
Htl	W11	5	70	0.8	0.3	0.000143603	6.77072E-06	0.000427397
Htl	W12	5	70	0.8	0.3	0.000148944	6.82413E-06	0.000496689
Htl	W13	5	70	0.8	0.3	0.000173926	5.16854E-06	0.000554493
Htl	W14	5	70	0.8	0.3	0.000148291	7.4116E-06	0.000560263
Htl	W15	5	70	0.8	0.3	0.000221399	2.45075E-06	0.000537131
Htl	W16	5	70	0.8	0.3	8.66961E-05	1.14052E-05	0.000508281
Htl	W01	5	70	0.8	0.4	8.8417E-05	9.12653E-06	0.000450529
Htl	W02	5	70	0.8	0.4	0.000139746	1.03549E-05	0.000525643
Htl	W03	5	70	0.8	0.4	0.000120757	7.78544E-06	0.000450529
Htl	W04	5	70	0.8	0.4	0.00018081	9.714E-06	0.000554493
Htl	W05	5	70	0.8	0.4	0.000137847	7.67863E-06	0.000739289
Htl	W06	5	70	0.8	0.4	0.000203359	5.25755E-06	0.000750829
Htl	W07	5	70	0.8	0.4	0.000170959	5.89842E-06	0.000525591
Htl	W08	5	70	0.8	0.4	0.000172146	6.14765E-06	0.000606423
Htl	W09	5	70	0.8	0.4	0.000213862	7.96346E-06	0.000658457
Htl	W10	5	70	0.8	0.4	0.000175469	7.51841E-06	0.000496689
Htl	W11	5	70	0.8	0.4	0.000155531	1.08059E-05	0.000467839
Htl	W12	5	70	0.8	0.4	0.00015921	1.05626E-05	0.000502511
Htl	W13	5	70	0.8	0.4	0.000184014	8.55093E-06	0.000548723
Htl	W14	5	70	0.8	0.4	0.000158617	1.1607E-05	0.000566033
Htl	W15	5	70	0.8	0.4	0.000230893	5.56612E-06	0.000531361
Htl	W16	5	70	0.8	0.4	9.34016E-05	1.41467E-05	0.000508281
Htl	W01	5	70	0.94	0.2	6.78853E-05	5.80348E-06	0.000410087
Htl	W02	5	70	0.94	0.2	0.00011963	5.64326E-06	0.000531361
Htl	W03	5	70	0.94	0.2	8.41445E-05	4.46832E-06	0.000433167
Htl	W04	5	70	0.94	0.2	0.000160337	4.77096E-06	0.000548723
Htl	W05	5	70	0.94	0.2	0.000108949	4.35558E-06	0.000739289
Htl	W06	5	70	0.94	0.2	0.000167399	2.23713E-06	0.000745059
Htl	W07	5	70	0.94	0.2	0.000147401	2.02944E-06	0.000571803
Htl	W08	5	70	0.94	0.2	0.000153157	2.20746E-06	0.000623785
Htl	W09	5	70	0.94	0.2	0.00020953	2.59317E-06	0.000652687
Htl	W10	5	70	0.94	0.2	0.0001601	3.02042E-06	0.000462069
Htl	W11	5	70	0.94	0.2	0.000146748	5.34656E-06	0.000392725
Htl	W12	5	70	0.94	0.2	0.000144197	5.17447E-06	0.000502511
Htl	W13	5	70	0.94	0.2	0.000174698	3.96986E-06	0.000560263
Htl	W14	5	70	0.94	0.2	0.000140518	5.46524E-06	0.000554441
Htl	W15	5	70	0.94	0.2	0.000217304	1.73867E-06	0.000514051
Htl	W16	5	70	0.94	0.2	9.83268E-05	9.36389E-06	0.000508281
Htl	W01	5	70	0.94	0.3	8.64588E-05	6.64018E-06	0.000415857
Htl	W02	5	70	0.94	0.3	0.000132922	6.49776E-06	0.000525591
Htl	W03	5	70	0.94	0.3	0.000118028	5.04986E-06	0.000438937
Htl	W04	5	70	0.94	0.3	0.000170959	5.48897E-06	0.000554441
Htl	W05	5	70	0.94	0.3	0.000133753	4.94304E-06	0.000745111
Htl	W06	5	70	0.94	0.3	0.000199977	2.72372E-06	0.000750881
Htl	W07	5	70	0.94	0.3	0.000166865	2.39735E-06	0.000542901
Htl	W08	5	70	0.94	0.3	0.000168942	2.63471E-06	0.000612193
Htl	W09	5	70	0.94	0.3	0.000202113	3.00262E-06	0.000658457
Htl	W10	5	70	0.94	0.3	0.000167518	3.50701E-06	0.000473609
Htl	W11	5	70	0.94	0.3	0.000143603	5.76787E-06	0.000427397
Htl	W12	5	70	0.94	0.3	0.000148944	5.80941E-06	0.000496689
Htl	W13	5	70	0.94	0.3	0.000173926	4.40305E-06	0.000554493
Htl	W14	5	70	0.94	0.3	0.000148291	6.30787E-06	0.000560263
Htl	W15	5	70	0.94	0.3	0.000221399	2.08284E-06	0.000537131
Htl	W16	5	70	0.94	0.3	8.66961E-05	9.70807E-06	0.000508281
Htl	W01	5	70	0.94	0.4	8.8417E-05	7.77358E-06	0.000450529
Htl	W02	5	70	0.94	0.4	0.000139746	8.81203E-06	0.000525643
Htl	W03	5	70	0.94	0.4	0.000120757	6.62831E-06	0.000450529
Htl	W04	5	70	0.94	0.4	0.00018081	8.2661E-06	0.000554493
Htl	W05	5	70	0.94	0.4	0.000137847	6.53336E-06	0.000739289
Htl	W06	5	70	0.94	0.4	0.000203359	4.47426E-06	0.000750829
Htl	W07	5	70	0.94	0.4	0.000170959	5.01425E-06	0.000525591
Htl	W08	5	70	0.94	0.4	0.000172146	5.23381E-06	0.000606423
Htl	W09	5	70	0.94	0.4	0.000213862	6.77666E-06	0.000658457



## Zone Deadband db

Htl	W10	5	70	0.94	0.4	0.000175469	6.39688E-06	0.000496689
Htl	W11	5	70	0.94	0.4	0.000155531	9.19774E-06	0.000467839
Htl	W12	5	70	0.94	0.4	0.00015921	8.99005E-06	0.000502511
Htl	W13	5	70	0.94	0.4	0.000184014	7.28105E-06	0.000548723
Htl	W14	5	70	0.94	0.4	0.000158617	9.88609E-06	0.000566033
Htl	W15	5	70	0.94	0.4	0.000230893	4.74129E-06	0.000531361
Htl	W16	5	70	0.94	0.4	9.34016E-05	1.20401E-05	0.000508281
Htl	W01	75	72	0.8	0.2	0.000235996	1.00048E-05	0.000542901
Htl	W02	75	72	0.8	0.2	0.000258427	8.72895E-06	0.000664331
Htl	W03	75	72	0.8	0.2	0.000325007	8.19489E-06	0.000721979
Htl	W04	75	72	0.8	0.2	0.000313969	7.4294E-06	0.000791167
Htl	W05	75	72	0.8	0.2	0.000324888	8.74082E-06	0.000756651
Htl	W06	75	72	0.8	0.2	0.000353965	4.77689E-06	0.000716209
Htl	W07	75	72	0.8	0.2	0.000364527	4.18349E-06	0.000745111
Htl	W08	75	72	0.8	0.2	0.000381083	4.78876E-06	0.000618067
Htl	W09	75	72	0.8	0.2	0.000407015	4.70568E-06	0.000646657
Htl	W10	75	72	0.8	0.2	0.000372479	5.13887E-06	0.000618067
Htl	W11	75	72	0.8	0.2	0.000312842	7.9872E-06	0.000560367
Htl	W12	75	72	0.8	0.2	0.000299787	8.0228E-06	0.000699159
Htl	W13	75	72	0.8	0.2	0.000315572	6.35534E-06	0.000525539
Htl	W14	75	72	0.8	0.2	0.00026988	7.71424E-06	0.000525539
Htl	W15	75	72	0.8	0.2	0.000434549	3.25778E-06	0.000502667
Htl	W16	75	72	0.8	0.2	0.000162652	1.27344E-05	0.000537495
Htl	W01	75	72	0.8	0.3	0.000148766	1.27463E-05	0.000571803
Htl	W02	75	72	0.8	0.3	0.000177131	1.16426E-05	0.000716313
Htl	W03	75	72	0.8	0.3	0.000237539	1.12628E-05	0.000739289
Htl	W04	75	72	0.8	0.3	0.000210955	1.00048E-05	0.000820277
Htl	W05	75	72	0.8	0.3	0.000218194	1.16544E-05	0.000785553
Htl	W06	75	72	0.8	0.3	0.000279433	6.98435E-06	0.000733519
Htl	W07	75	72	0.8	0.3	0.000257299	6.32567E-06	0.000762421
Htl	W08	75	72	0.8	0.3	0.000276288	6.97842E-06	0.000675767
Htl	W09	75	72	0.8	0.3	0.000259139	7.24545E-06	0.000704877
Htl	W10	75	72	0.8	0.3	0.000260682	7.45314E-06	0.000670049
Htl	W11	75	72	0.8	0.3	0.000202113	1.04558E-05	0.000594675
Htl	W12	75	72	0.8	0.3	0.000206326	1.09186E-05	0.000750621
Htl	W13	75	72	0.8	0.3	0.00022573	8.545E-06	0.000566085
Htl	W14	75	72	0.8	0.3	0.000213388	9.54192E-06	0.000566085
Htl	W15	75	72	0.8	0.3	0.000316343	4.8481E-06	0.000531257
Htl	W16	75	72	0.8	0.3	0.000135533	1.46986E-05	0.000594675
Htl	W01	75	72	0.8	0.4	9.20961E-05	1.64076E-05	0.000571803
Htl	W02	75	72	0.8	0.4	0.00015203	1.52801E-05	0.000767775
Htl	W03	75	72	0.8	0.4	0.000146155	1.53039E-05	0.000768191
Htl	W04	75	72	0.8	0.4	0.000167458	1.34584E-05	0.000843149
Htl	W05	75	72	0.8	0.4	0.000167043	1.53395E-05	0.000797093
Htl	W06	75	72	0.8	0.4	0.000203478	1.00463E-05	0.000750829
Htl	W07	75	72	0.8	0.4	0.000199917	9.26302E-06	0.000779731
Htl	W08	75	72	0.8	0.4	0.000221339	1.01709E-05	0.000727749
Htl	W09	75	72	0.8	0.4	0.000205199	1.06397E-05	0.000756859
Htl	W10	75	72	0.8	0.4	0.000203953	1.05922E-05	0.000727749
Htl	W11	75	72	0.8	0.4	0.000172265	1.42179E-05	0.000641459
Htl	W12	75	72	0.8	0.4	0.000159447	1.49241E-05	0.000791167
Htl	W13	75	72	0.8	0.4	0.000195289	1.1785E-05	0.000623785
Htl	W14	75	72	0.8	0.4	0.000183005	1.21648E-05	0.000623785
Htl	W15	75	72	0.8	0.4	0.000270592	6.84787E-06	0.000571803
Htl	W16	75	72	0.8	0.4	0.000115061	1.74757E-05	0.000658613
Htl	W01	75	72	0.94	0.2	0.000235996	8.51533E-06	0.000542901
Htl	W02	75	72	0.94	0.2	0.000258427	7.43534E-06	0.000664331
Htl	W03	75	72	0.94	0.2	0.000325007	6.97248E-06	0.000721979
Htl	W04	75	72	0.94	0.2	0.000313969	6.32567E-06	0.000791167
Htl	W05	75	72	0.94	0.2	0.000324888	7.43534E-06	0.000756651
Htl	W06	75	72	0.94	0.2	0.000353965	4.06481E-06	0.000716209
Htl	W07	75	72	0.94	0.2	0.000364527	3.56042E-06	0.000745111
Htl	W08	75	72	0.94	0.2	0.000381083	4.07668E-06	0.000618067
Htl	W09	75	72	0.94	0.2	0.000407015	4.00547E-06	0.000646657
Htl	W10	75	72	0.94	0.2	0.000372479	4.37338E-06	0.000618067
Htl	W11	75	72	0.94	0.2	0.000312842	6.79446E-06	0.000560367
Htl	W12	75	72	0.94	0.2	0.000299787	6.83007E-06	0.000699159
Htl	W13	75	72	0.94	0.2	0.000315572	5.41777E-06	0.000525539
Htl	W14	75	72	0.94	0.2	0.00026988	6.56897E-06	0.000525539
Htl	W15	75	72	0.94	0.2	0.000434549	2.77119E-06	0.000502667
Htl	W16	75	72	0.94	0.2	0.000162652	1.08415E-05	0.000537495
Htl	W01	75	72	0.94	0.3	0.000148766	1.08415E-05	0.000571803
Htl	W02	75	72	0.94	0.3	0.000177131	9.90983E-06	0.000716313



## Zone Deadband db

Htl	W03	75	72	0.94	0.3	0.000237539	9.58345E-06	0.000739289
Htl	W04	75	72	0.94	0.3	0.000210955	8.51533E-06	0.000820277
Htl	W05	75	72	0.94	0.3	0.000218194	9.91576E-06	0.000785553
Htl	W06	75	72	0.94	0.3	0.000279433	5.9459E-06	0.000733519
Htl	W07	75	72	0.94	0.3	0.000257299	5.3881E-06	0.000762421
Htl	W08	75	72	0.94	0.3	0.000276288	5.93996E-06	0.000675767
Htl	W09	75	72	0.94	0.3	0.000259139	6.16545E-06	0.000704877
Htl	W10	75	72	0.94	0.3	0.000260682	6.34347E-06	0.000670049
Htl	W11	75	72	0.94	0.3	0.000202113	8.90104E-06	0.000594675
Htl	W12	75	72	0.94	0.3	0.000206326	9.29269E-06	0.000750621
Htl	W13	75	72	0.94	0.3	0.00022573	7.26918E-06	0.000566085
Htl	W14	75	72	0.94	0.3	0.000213388	8.11775E-06	0.000566085
Htl	W15	75	72	0.94	0.3	0.000316343	4.12415E-06	0.000531257
Htl	W16	75	72	0.94	0.3	0.000135533	1.25089E-05	0.000594675
Htl	W01	75	72	0.94	0.4	9.20961E-05	1.39568E-05	0.000571803
Htl	W02	75	72	0.94	0.4	0.00015203	1.30015E-05	0.000767775
Htl	W03	75	72	0.94	0.4	0.000146155	1.30252E-05	0.000768191
Htl	W04	75	72	0.94	0.4	0.000167458	1.14527E-05	0.000843149
Htl	W05	75	72	0.94	0.4	0.000167043	1.30549E-05	0.000797093
Htl	W06	75	72	0.94	0.4	0.000203478	8.55093E-06	0.000750829
Htl	W07	75	72	0.94	0.4	0.000199917	7.88039E-06	0.000779731
Htl	W08	75	72	0.94	0.4	0.000221339	8.65775E-06	0.000727749
Htl	W09	75	72	0.94	0.4	0.000205199	9.05533E-06	0.000756859
Htl	W10	75	72	0.94	0.4	0.000203953	9.01379E-06	0.000727749
Htl	W11	75	72	0.94	0.4	0.000172265	1.20995E-05	0.000641459
Htl	W12	75	72	0.94	0.4	0.000159447	1.27048E-05	0.000791167
Htl	W13	75	72	0.94	0.4	0.000195289	1.00344E-05	0.000623785
Htl	W14	75	72	0.94	0.4	0.000183005	1.03549E-05	0.000623785
Htl	W15	75	72	0.94	0.4	0.000270592	5.82721E-06	0.000571803
Htl	W16	75	72	0.94	0.4	0.000115061	1.48766E-05	0.000658613
Htl	W01	85	72	0.8	0.2	8.90104E-05	1.10373E-05	0.000618015
Htl	W02	85	72	0.8	0.2	0.000147698	8.82983E-06	0.000802603
Htl	W03	85	72	0.8	0.2	0.00013856	1.17375E-05	0.000629555
Htl	W04	85	72	0.8	0.2	0.000164788	8.47379E-06	0.000756859
Htl	W05	85	72	0.8	0.2	0.000178021	1.24081E-05	0.000733519
Htl	W06	85	72	0.8	0.2	0.000199383	7.34039E-06	0.000797093
Htl	W07	85	72	0.8	0.2	0.00020508	6.64018E-06	0.000698847
Htl	W08	85	72	0.8	0.2	0.000203418	6.44435E-06	0.000819757
Htl	W09	85	72	0.8	0.2	0.000187515	5.43557E-06	0.000803123
Htl	W10	85	72	0.8	0.2	0.000191906	5.60172E-06	0.000774013
Htl	W11	85	72	0.8	0.2	0.000185616	8.52126E-06	0.000774013
Htl	W12	85	72	0.8	0.2	0.000158379	8.11775E-06	0.000791167
Htl	W13	85	72	0.8	0.2	0.000201579	7.01995E-06	0.000774013
Htl	W14	85	72	0.8	0.2	0.000209293	7.62522E-06	0.000785449
Htl	W15	85	72	0.8	0.2	0.000266675	2.44482E-06	0.000716313
Htl	W16	85	72	0.8	0.2	0.000126632	1.28768E-05	0.000762629
Htl	W01	85	72	0.8	0.3	0.000130905	1.23072E-05	0.000623785
Htl	W02	85	72	0.8	0.3	0.000184845	1.1334E-05	0.000802603
Htl	W03	85	72	0.8	0.3	0.000200214	1.34228E-05	0.000646865
Htl	W04	85	72	0.8	0.3	0.0001925	1.01947E-05	0.000756859
Htl	W05	85	72	0.8	0.3	0.000227036	1.39331E-05	0.000745111
Htl	W06	85	72	0.8	0.3	0.000231012	8.48566E-06	0.000791271
Htl	W07	85	72	0.8	0.3	0.000221814	7.88039E-06	0.000687307
Htl	W08	85	72	0.8	0.3	0.000224722	7.73204E-06	0.000843669
Htl	W09	85	72	0.8	0.3	0.000210777	7.17424E-06	0.000820277
Htl	W10	85	72	0.8	0.3	0.000214634	7.09116E-06	0.000785449
Htl	W11	85	72	0.8	0.3	0.000188939	1.05032E-05	0.000779731
Htl	W12	85	72	0.8	0.3	0.000168645	1.05685E-05	0.000785449
Htl	W13	85	72	0.8	0.3	0.000208106	8.5272E-06	0.000802603
Htl	W14	85	72	0.8	0.3	0.000212201	9.88609E-06	0.000808841
Htl	W15	85	72	0.8	0.3	0.000267625	3.57822E-06	0.000751141
Htl	W16	85	72	0.8	0.3	0.000128353	1.41705E-05	0.000791167
Htl	W01	85	72	0.8	0.4	0.0001493	1.46808E-05	0.000629555
Htl	W02	85	72	0.8	0.4	0.000289224	2.22467E-05	0.000848867
Htl	W03	85	72	0.8	0.4	0.000229766	1.90542E-05	0.000710387
Htl	W04	85	72	0.8	0.4	0.000270651	2.00273E-05	0.000860823
Htl	W05	85	72	0.8	0.4	0.000279255	2.02054E-05	0.000779731
Htl	W06	85	72	0.8	0.4	0.000284299	1.57964E-05	0.000831713
Htl	W07	85	72	0.8	0.4	0.000286257	1.73689E-05	0.000687307
Htl	W08	85	72	0.8	0.4	0.000295811	1.82649E-05	0.000929959
Htl	W09	85	72	0.8	0.4	0.000307739	1.88227E-05	0.000843149
Htl	W10	85	72	0.8	0.4	0.000309875	1.93212E-05	0.000889413
Htl	W11	85	72	0.8	0.4	0.00031029	2.64064E-05	0.000964268

## Zone Deadband db

Htl	W12	85	72	0.8	0.4	0.000264124	2.54926E-05	0.000889413
Htl	W13	85	72	0.8	0.4	0.000342334	2.96998E-05	0.000941915
Htl	W14	85	72	0.8	0.4	0.000305009	2.65726E-05	0.000831713
Htl	W15	85	72	0.8	0.4	0.000390578	2.89996E-05	0.000796885
Htl	W16	85	72	0.8	0.4	0.000172799	2.06089E-05	0.000878029
Htl	W01	85	72	0.94	0.2	8.90104E-05	9.39356E-06	0.000618015
Htl	W02	85	72	0.94	0.2	0.000147698	7.51841E-06	0.000802603
Htl	W03	85	72	0.94	0.2	0.00013856	9.9929E-06	0.000629555
Htl	W04	85	72	0.94	0.2	0.000164788	7.20984E-06	0.000756859
Htl	W05	85	72	0.94	0.2	0.000178021	1.05626E-05	0.000733519
Htl	W06	85	72	0.94	0.2	0.000199383	6.2426E-06	0.000797093
Htl	W07	85	72	0.94	0.2	0.00020508	5.64919E-06	0.000698847
Htl	W08	85	72	0.94	0.2	0.000203418	5.48897E-06	0.000819757
Htl	W09	85	72	0.94	0.2	0.000187515	4.62854E-06	0.000803123
Htl	W10	85	72	0.94	0.2	0.000191906	4.76502E-06	0.000774013
Htl	W11	85	72	0.94	0.2	0.000185616	7.24545E-06	0.000774013
Htl	W12	85	72	0.94	0.2	0.000158379	6.91314E-06	0.000791167
Htl	W13	85	72	0.94	0.2	0.000201579	5.97557E-06	0.000774013
Htl	W14	85	72	0.94	0.2	0.000209293	6.48589E-06	0.000785449
Htl	W15	85	72	0.94	0.2	0.000266675	2.08284E-06	0.000716313
Htl	W16	85	72	0.94	0.2	0.000126632	1.09601E-05	0.000762629
Htl	W01	85	72	0.94	0.3	0.000130905	1.04795E-05	0.000623785
Htl	W02	85	72	0.94	0.3	0.000184845	9.64279E-06	0.000802603
Htl	W03	85	72	0.94	0.3	0.000200214	1.14289E-05	0.000646865
Htl	W04	85	72	0.94	0.3	0.0001925	8.67555E-06	0.000756859
Htl	W05	85	72	0.94	0.3	0.000227036	1.18562E-05	0.000745111
Htl	W06	85	72	0.94	0.3	0.000231012	7.22764E-06	0.000791271
Htl	W07	85	72	0.94	0.3	0.000221814	6.70545E-06	0.000687307
Htl	W08	85	72	0.94	0.3	0.000224722	6.58677E-06	0.000843669
Htl	W09	85	72	0.94	0.3	0.000210777	6.10018E-06	0.000820277
Htl	W10	85	72	0.94	0.3	0.000214634	6.04084E-06	0.000785449
Htl	W11	85	72	0.94	0.3	0.000188939	8.93664E-06	0.000779731
Htl	W12	85	72	0.94	0.3	0.000168645	8.99598E-06	0.000785449
Htl	W13	85	72	0.94	0.3	0.000208106	7.25732E-06	0.000802603
Htl	W14	85	72	0.94	0.3	0.000212201	8.40852E-06	0.000808841
Htl	W15	85	72	0.94	0.3	0.000267625	3.05009E-06	0.000751141
Htl	W16	85	72	0.94	0.3	0.000128353	1.20639E-05	0.000791167
Htl	W01	85	72	0.94	0.4	0.0001493	1.24911E-05	0.000629555
Htl	W02	85	72	0.94	0.4	0.000289224	1.89355E-05	0.000848867
Htl	W03	85	72	0.94	0.4	0.000229766	1.62118E-05	0.000710387
Htl	W04	85	72	0.94	0.4	0.000270651	1.70425E-05	0.000860823
Htl	W05	85	72	0.94	0.4	0.000279255	1.72027E-05	0.000779731
Htl	W06	85	72	0.94	0.4	0.000284299	1.34406E-05	0.000831713
Htl	W07	85	72	0.94	0.4	0.000286257	1.47817E-05	0.000687307
Htl	W08	85	72	0.94	0.4	0.000295811	1.55412E-05	0.000929959
Htl	W09	85	72	0.94	0.4	0.000307739	1.60159E-05	0.000843149
Htl	W10	85	72	0.94	0.4	0.000309875	1.64432E-05	0.000889413
Htl	W11	85	72	0.94	0.4	0.00031029	2.24781E-05	0.000964268
Htl	W12	85	72	0.94	0.4	0.000264124	2.17007E-05	0.000889413
Htl	W13	85	72	0.94	0.4	0.000342334	2.5279E-05	0.000941915
Htl	W14	85	72	0.94	0.4	0.000305009	2.26086E-05	0.000831713
Htl	W15	85	72	0.94	0.4	0.000390578	2.46796E-05	0.000796885
Htl	W16	85	72	0.94	0.4	0.000172799	1.7541E-05	0.000878029
Htl	W01	96	72	0.8	0.2	4.17162E-05	8.61027E-06	0.000571803
Htl	W02	96	72	0.8	0.2	8.77643E-05	8.80016E-06	0.000941447
Htl	W03	96	72	0.8	0.2	2.15405E-05	8.94258E-06	0.000433219
Htl	W04	96	72	0.8	0.2	0.000118977	7.58962E-06	0.000519821
Htl	W05	96	72	0.8	0.2	8.8239E-05	9.53598E-06	0.00102805
Htl	W06	96	72	0.8	0.2	0.000110373	5.4593E-06	0.000843253
Htl	W07	96	72	0.8	0.2	0.000106991	5.13293E-06	0.000525591
Htl	W08	96	72	0.8	0.2	9.60719E-05	5.09733E-06	0.001022332
Htl	W09	96	72	0.8	0.2	0.000138738	4.37338E-06	0.000999407
Htl	W10	96	72	0.8	0.2	0.000128768	4.93711E-06	0.000774013
Htl	W11	96	72	0.8	0.2	0.000131676	7.50654E-06	0.000618015
Htl	W12	96	72	0.8	0.2	9.64279E-05	7.34039E-06	0.000710387
Htl	W13	96	72	0.8	0.2	0.000145799	6.23666E-06	0.000670101
Htl	W14	96	72	0.8	0.2	0.000116129	6.95468E-06	0.000669945
Htl	W15	96	72	0.8	0.2	0.000209293	2.29647E-06	0.000664331
Htl	W16	96	72	0.8	0.2	0.000113815	1.27463E-05	0.000664227
Htl	W01	96	72	0.8	0.3	9.16214E-05	9.4173E-06	0.000577573
Htl	W02	96	72	0.8	0.3	0.000170188	1.05744E-05	0.000947217
Htl	W03	96	72	0.8	0.3	0.000143722	1.01769E-05	0.000438937
Htl	W04	96	72	0.8	0.3	0.000188583	9.00785E-06	0.000519821

## Zone Deadband db

Htl	W05	96	72	0.8	0.3	0.000173096	1.04914E-05	0.001028102
Htl	W06	96	72	0.8	0.3	0.000183302	6.56303E-06	0.000843305
Htl	W07	96	72	0.8	0.3	0.000170603	6.19512E-06	0.000519821
Htl	W08	96	72	0.8	0.3	0.000164847	6.12392E-06	0.001016561
Htl	W09	96	72	0.8	0.3	0.000223831	6.02304E-06	0.000999459
Htl	W10	96	72	0.8	0.3	0.000199739	6.58084E-06	0.000791167
Htl	W11	96	72	0.8	0.3	0.000158023	8.44412E-06	0.000623785
Htl	W12	96	72	0.8	0.3	0.000162889	8.8239E-06	0.000716157
Htl	W13	96	72	0.8	0.3	0.000205377	7.38786E-06	0.000658665
Htl	W14	96	72	0.8	0.3	0.000187812	8.75269E-06	0.000658457
Htl	W15	96	72	0.8	0.3	0.000240565	2.55163E-06	0.000675767
Htl	W16	96	72	0.8	0.3	0.000103608	1.34702E-05	0.000652687
Htl	W01	96	72	0.8	0.4	9.49444E-05	1.13815E-05	0.000646865
Htl	W02	96	72	0.8	0.4	0.000242286	2.04071E-05	0.000958757
Htl	W03	96	72	0.8	0.4	0.000171197	1.55115E-05	0.000490919
Htl	W04	96	72	0.8	0.4	0.000260029	1.77368E-05	0.000664175
Htl	W05	96	72	0.8	0.4	0.000205851	1.58023E-05	0.001039642
Htl	W06	96	72	0.8	0.4	0.000227511	1.2776E-05	0.000901005
Htl	W07	96	72	0.8	0.4	0.000207572	1.26335E-05	0.000542953
Htl	W08	96	72	0.8	0.4	0.000215049	1.41883E-05	0.001051182
Htl	W09	96	72	0.8	0.4	0.000295099	1.69179E-05	0.001010532
Htl	W10	96	72	0.8	0.4	0.000269345	1.65915E-05	0.000877977
Htl	W11	96	72	0.8	0.4	0.000230359	2.01104E-05	0.000745059
Htl	W12	96	72	0.8	0.4	0.00024199	1.9612E-05	0.000825943
Htl	W13	96	72	0.8	0.4	0.000292726	2.21992E-05	0.000825683
Htl	W14	96	72	0.8	0.4	0.000253739	2.20093E-05	0.000785501
Htl	W15	96	72	0.8	0.4	0.000350701	2.69761E-05	0.000750621
Htl	W16	96	72	0.8	0.4	0.00014123	1.90898E-05	0.000693077
Htl	W01	96	72	0.94	0.2	4.17162E-05	7.32852E-06	0.000571803
Htl	W02	96	72	0.94	0.2	8.77643E-05	7.49468E-06	0.000941447
Htl	W03	96	72	0.94	0.2	2.15405E-05	7.61336E-06	0.000433219
Htl	W04	96	72	0.94	0.2	0.000118977	6.46216E-06	0.000519821
Htl	W05	96	72	0.94	0.2	8.8239E-05	8.11181E-06	0.00102805
Htl	W06	96	72	0.94	0.2	0.000110373	4.64634E-06	0.000843253
Htl	W07	96	72	0.94	0.2	0.000106991	4.36744E-06	0.000525591
Htl	W08	96	72	0.94	0.2	9.60719E-05	4.33777E-06	0.001022332
Htl	W09	96	72	0.94	0.2	0.000138738	3.72657E-06	0.000999407
Htl	W10	96	72	0.94	0.2	0.000128768	4.19536E-06	0.000774013
Htl	W11	96	72	0.94	0.2	0.000131676	6.38501E-06	0.000618015
Htl	W12	96	72	0.94	0.2	9.64279E-05	6.2426E-06	0.000710387
Htl	W13	96	72	0.94	0.2	0.000145799	5.30502E-06	0.000670101
Htl	W14	96	72	0.94	0.2	0.000116129	5.91622E-06	0.000669945
Htl	W15	96	72	0.94	0.2	0.000209293	1.95229E-06	0.000664331
Htl	W16	96	72	0.94	0.2	0.000113815	1.08474E-05	0.000664227
Htl	W01	96	72	0.94	0.3	9.16214E-05	8.01687E-06	0.000577573
Htl	W02	96	72	0.94	0.3	0.000170188	8.99598E-06	0.000947217
Htl	W03	96	72	0.94	0.3	0.000143722	8.66368E-06	0.000438937
Htl	W04	96	72	0.94	0.3	0.000188583	7.66676E-06	0.000519821
Htl	W05	96	72	0.94	0.3	0.000173096	8.92478E-06	0.001028102
Htl	W06	96	72	0.94	0.3	0.000183302	5.58392E-06	0.000843305
Htl	W07	96	72	0.94	0.3	0.000170603	5.27535E-06	0.000519821
Htl	W08	96	72	0.94	0.3	0.000164847	5.21601E-06	0.001016561
Htl	W09	96	72	0.94	0.3	0.000223831	5.12107E-06	0.000999459
Htl	W10	96	72	0.94	0.3	0.000199739	5.60172E-06	0.000791167
Htl	W11	96	72	0.94	0.3	0.000158023	7.18611E-06	0.000623785
Htl	W12	96	72	0.94	0.3	0.000162889	7.51248E-06	0.000716157
Htl	W13	96	72	0.94	0.3	0.000205377	6.28413E-06	0.000658665
Htl	W14	96	72	0.94	0.3	0.000187812	7.45314E-06	0.000658457
Htl	W15	96	72	0.94	0.3	0.000240565	2.17185E-06	0.000675767
Htl	W16	96	72	0.94	0.3	0.000103608	1.14645E-05	0.000652687
Htl	W01	96	72	0.94	0.4	9.49444E-05	9.68433E-06	0.000646865
Htl	W02	96	72	0.94	0.4	0.000242286	1.73748E-05	0.000958757
Htl	W03	96	72	0.94	0.4	0.000171197	1.31973E-05	0.000490919
Htl	W04	96	72	0.94	0.4	0.000260029	1.50962E-05	0.000664175
Htl	W05	96	72	0.94	0.4	0.000205851	1.34465E-05	0.001039642
Htl	W06	96	72	0.94	0.4	0.000227511	1.08711E-05	0.000901005
Htl	W07	96	72	0.94	0.4	0.000207572	1.07584E-05	0.000542953
Htl	W08	96	72	0.94	0.4	0.000215049	1.20698E-05	0.001051182
Htl	W09	96	72	0.94	0.4	0.000295099	1.43959E-05	0.001010532
Htl	W10	96	72	0.94	0.4	0.000269345	1.41289E-05	0.000877977
Htl	W11	96	72	0.94	0.4	0.000230359	1.71137E-05	0.000745059
Htl	W12	96	72	0.94	0.4	0.00024199	1.66865E-05	0.000825943
Htl	W13	96	72	0.94	0.4	0.000292726	1.88999E-05	0.000825683

## Zone Deadband db

Htl	W14	96	72	0.94	0.4	0.000253739	1.87337E-05	0.000785501
Htl	W15	96	72	0.94	0.4	0.000350701	2.29647E-05	0.000750621
Htl	W16	96	72	0.94	0.4	0.00014123	1.62474E-05	0.000693077
Htl	W01	3	72	0.8	0.2	7.09116E-05	7.99313E-06	0.000404317
Htl	W02	3	72	0.8	0.2	0.000107525	7.50654E-06	0.000629607
Htl	W03	3	72	0.8	0.2	0.000115536	7.45314E-06	0.000352335
Htl	W04	3	72	0.8	0.2	0.000138441	7.03776E-06	0.000450529
Htl	W05	3	72	0.8	0.2	0.00013132	8.07621E-06	0.000698847
Htl	W06	3	72	0.8	0.2	0.000164907	5.02612E-06	0.000606475
Htl	W07	3	72	0.8	0.2	0.000150428	4.80063E-06	0.000381237
Htl	W08	3	72	0.8	0.2	0.00013405	4.587E-06	0.000727749
Htl	W09	3	72	0.8	0.2	0.000172502	3.96986E-06	0.000727749
Htl	W10	3	72	0.8	0.2	0.000150665	4.37338E-06	0.000548671
Htl	W11	3	72	0.8	0.2	0.000148173	6.80039E-06	0.000519821
Htl	W12	3	72	0.8	0.2	0.000119986	6.66391E-06	0.000490919
Htl	W13	3	72	0.8	0.2	0.000142476	5.79161E-06	0.000490919
Htl	W14	3	72	0.8	0.2	0.000121351	6.91314E-06	0.000473609
Htl	W15	3	72	0.8	0.2	0.00023024	2.2846E-06	0.000594883
Htl	W16	3	72	0.8	0.2	7.14457E-05	1.22419E-05	0.000462069
Htl	W01	3	72	0.8	0.3	7.99313E-05	8.93664E-06	0.000456299
Htl	W02	3	72	0.8	0.3	0.000129837	9.82081E-06	0.000629555
Htl	W03	3	72	0.8	0.3	0.000114764	8.59247E-06	0.000358105
Htl	W04	3	72	0.8	0.3	0.000157786	8.77643E-06	0.000444759
Htl	W05	3	72	0.8	0.3	0.00013494	8.94851E-06	0.000698847
Htl	W06	3	72	0.8	0.3	0.000183955	6.15952E-06	0.000606475
Htl	W07	3	72	0.8	0.3	0.000149003	6.3138E-06	0.000381185
Htl	W08	3	72	0.8	0.3	0.000154819	5.61952E-06	0.000727749
Htl	W09	3	72	0.8	0.3	0.000181285	5.63139E-06	0.000733519
Htl	W10	3	72	0.8	0.3	0.000151792	6.09425E-06	0.000542901
Htl	W11	3	72	0.8	0.3	0.000139094	8.46786E-06	0.000490919
Htl	W12	3	72	0.8	0.3	0.000138144	8.69335E-06	0.000490971
Htl	W13	3	72	0.8	0.3	0.000174104	7.50061E-06	0.000479431
Htl	W14	3	72	0.8	0.3	0.000153869	9.89202E-06	0.000467839
Htl	W15	3	72	0.8	0.3	0.000201816	3.19251E-06	0.000571803
Htl	W16	3	72	0.8	0.3	8.8773E-05	1.43069E-05	0.000490919
Htl	W01	3	72	0.8	0.4	9.35796E-05	1.14052E-05	0.000531361
Htl	W02	3	72	0.8	0.4	0.000192678	1.69891E-05	0.000629555
Htl	W03	3	72	0.8	0.4	0.000162177	1.52445E-05	0.000450529
Htl	W04	3	72	0.8	0.4	0.000212913	1.65085E-05	0.000479431
Htl	W05	3	72	0.8	0.4	0.000188405	1.58854E-05	0.000716209
Htl	W06	3	72	0.8	0.4	0.000234809	1.40043E-05	0.000658457
Htl	W07	3	72	0.8	0.4	0.000204961	1.53039E-05	0.000415857
Htl	W08	3	72	0.8	0.4	0.000221399	1.52267E-05	0.000779731
Htl	W09	3	72	0.8	0.4	0.000261275	1.62652E-05	0.000768139
Htl	W10	3	72	0.8	0.4	0.000217363	1.48885E-05	0.000571803
Htl	W11	3	72	0.8	0.4	0.000231605	2.11251E-05	0.000525591
Htl	W12	3	72	0.8	0.4	0.000218016	1.90008E-05	0.000548671
Htl	W13	3	72	0.8	0.4	0.000257715	2.15108E-05	0.000513999
Htl	W14	3	72	0.8	0.4	0.000216533	2.04902E-05	0.000490971
Htl	W15	3	72	0.8	0.4	0.000301093	1.83183E-05	0.000542901
Htl	W16	3	72	0.8	0.4	0.000129421	2.1588E-05	0.000548723
Htl	W01	3	72	0.94	0.2	7.09116E-05	6.80039E-06	0.000404317
Htl	W02	3	72	0.94	0.2	0.000107525	6.39095E-06	0.000629607
Htl	W03	3	72	0.94	0.2	0.000115536	6.34347E-06	0.000352335
Htl	W04	3	72	0.94	0.2	0.000138441	5.99337E-06	0.000450529
Htl	W05	3	72	0.94	0.2	0.00013132	6.87754E-06	0.000698847
Htl	W06	3	72	0.94	0.2	0.000164907	4.27843E-06	0.000606475
Htl	W07	3	72	0.94	0.2	0.000150428	4.08854E-06	0.000381237
Htl	W08	3	72	0.94	0.2	0.00013405	3.90459E-06	0.000727749
Htl	W09	3	72	0.94	0.2	0.000172502	3.3824E-06	0.000727749
Htl	W10	3	72	0.94	0.2	0.000150665	3.72657E-06	0.000548671
Htl	W11	3	72	0.94	0.2	0.000148173	5.78568E-06	0.000519821
Htl	W12	3	72	0.94	0.2	0.000119986	5.67293E-06	0.000490919
Htl	W13	3	72	0.94	0.2	0.000142476	4.92524E-06	0.000490919
Htl	W14	3	72	0.94	0.2	0.000121351	5.88062E-06	0.000473609
Htl	W15	3	72	0.94	0.2	0.00023024	1.94043E-06	0.000594883
Htl	W16	3	72	0.94	0.2	7.14457E-05	1.04142E-05	0.000462069
Htl	W01	3	72	0.94	0.3	7.99313E-05	7.60149E-06	0.000456299
Htl	W02	3	72	0.94	0.3	0.000129837	8.35511E-06	0.000629555
Htl	W03	3	72	0.94	0.3	0.000114764	7.30479E-06	0.000358105
Htl	W04	3	72	0.94	0.3	0.000157786	7.47094E-06	0.000444759
Htl	W05	3	72	0.94	0.3	0.00013494	7.61336E-06	0.000698847
Htl	W06	3	72	0.94	0.3	0.000183955	5.23975E-06	0.000606475

## Zone Deadband db

Htl	W07	3	72	0.94	0.3	0.000149003	5.37623E-06	0.000381185
Htl	W08	3	72	0.94	0.3	0.000154819	4.78283E-06	0.000727749
Htl	W09	3	72	0.94	0.3	0.000181285	4.80063E-06	0.000733519
Htl	W10	3	72	0.94	0.3	0.000151792	5.18634E-06	0.000542901
Htl	W11	3	72	0.94	0.3	0.000139094	7.20984E-06	0.000490919
Htl	W12	3	72	0.94	0.3	0.000138144	7.3938E-06	0.000490971
Htl	W13	3	72	0.94	0.3	0.000174104	6.38501E-06	0.000479431
Htl	W14	3	72	0.94	0.3	0.000153869	8.41445E-06	0.000467839
Htl	W15	3	72	0.94	0.3	0.000201816	2.71778E-06	0.000571803
Htl	W16	3	72	0.94	0.3	8.8773E-05	1.21766E-05	0.000490919
Htl	W01	3	72	0.94	0.4	9.35796E-05	9.70807E-06	0.000531361
Htl	W02	3	72	0.94	0.4	0.000192678	1.44553E-05	0.000629555
Htl	W03	3	72	0.94	0.4	0.000162177	1.29718E-05	0.000450529
Htl	W04	3	72	0.94	0.4	0.000212913	1.40518E-05	0.000479431
Htl	W05	3	72	0.94	0.4	0.000188405	1.35177E-05	0.000716209
Htl	W06	3	72	0.94	0.4	0.000234809	1.19155E-05	0.000658457
Htl	W07	3	72	0.94	0.4	0.000204961	1.30252E-05	0.000415857
Htl	W08	3	72	0.94	0.4	0.000221399	1.29658E-05	0.000779731
Htl	W09	3	72	0.94	0.4	0.000261275	1.38441E-05	0.000768139
Htl	W10	3	72	0.94	0.4	0.000217363	1.26751E-05	0.000571803
Htl	W11	3	72	0.94	0.4	0.000231605	1.79801E-05	0.000525591
Htl	W12	3	72	0.94	0.4	0.000218016	1.61702E-05	0.000548671
Htl	W13	3	72	0.94	0.4	0.000257715	1.83124E-05	0.000513999
Htl	W14	3	72	0.94	0.4	0.000216533	1.74342E-05	0.000490971
Htl	W15	3	72	0.94	0.4	0.000301093	1.55887E-05	0.000542901
Htl	W16	3	72	0.94	0.4	0.000129421	1.83658E-05	0.000548723
Htl	W01	5	72	0.8	0.2	4.8837E-05	9.67246E-06	0.000329254
Htl	W02	5	72	0.8	0.2	8.46192E-05	8.32544E-06	0.000502459
Htl	W03	5	72	0.8	0.2	6.21293E-05	8.73489E-06	0.000369645
Htl	W04	5	72	0.8	0.2	0.00011696	7.82105E-06	0.000467839
Htl	W05	5	72	0.8	0.2	9.36389E-05	8.93071E-06	0.000594883
Htl	W06	5	72	0.8	0.2	0.000124852	5.79161E-06	0.000560263
Htl	W07	5	72	0.8	0.2	0.000124911	5.06173E-06	0.000404265
Htl	W08	5	72	0.8	0.2	0.000125742	4.49799E-06	0.000514051
Htl	W09	5	72	0.8	0.2	0.000151114	4.72349E-06	0.000594883
Htl	W10	5	72	0.8	0.2	0.000118324	5.11513E-06	0.000479431
Htl	W11	5	72	0.8	0.2	0.000112984	7.54808E-06	0.000490919
Htl	W12	5	72	0.8	0.2	0.000106931	7.50061E-06	0.000438989
Htl	W13	5	72	0.8	0.2	0.00014034	6.17732E-06	0.000473609
Htl	W14	5	72	0.8	0.2	0.000101591	7.66676E-06	0.000456299
Htl	W15	5	72	0.8	0.2	0.000175825	2.71778E-06	0.000548671
Htl	W16	5	72	0.8	0.2	6.58084E-05	1.31083E-05	0.000433167
Htl	W01	5	72	0.8	0.3	6.64018E-05	1.09839E-05	0.000381185
Htl	W02	5	72	0.8	0.3	0.000106812	1.05685E-05	0.000502511
Htl	W03	5	72	0.8	0.3	9.96323E-05	1.03074E-05	0.000381237
Htl	W04	5	72	0.8	0.3	0.000129896	9.77334E-06	0.000473609
Htl	W05	5	72	0.8	0.3	0.000108415	1.01353E-05	0.000600705
Htl	W06	5	72	0.8	0.3	0.000157667	6.93094E-06	0.000566033
Htl	W07	5	72	0.8	0.3	0.000132922	6.64018E-06	0.000410087
Htl	W08	5	72	0.8	0.3	0.000131557	6.04084E-06	0.000519821
Htl	W09	5	72	0.8	0.3	0.000155768	6.50369E-06	0.000600705
Htl	W10	5	72	0.8	0.3	0.000133575	6.87754E-06	0.000479379
Htl	W11	5	72	0.8	0.3	0.000113103	9.22741E-06	0.000462069
Htl	W12	5	72	0.8	0.3	0.000114586	9.23928E-06	0.000438937
Htl	W13	5	72	0.8	0.3	0.00014301	7.79731E-06	0.000467839
Htl	W14	5	72	0.8	0.3	0.000123843	1.03549E-05	0.000456299
Htl	W15	5	72	0.8	0.3	0.00018259	3.82745E-06	0.000537183
Htl	W16	5	72	0.8	0.3	7.52435E-05	1.48885E-05	0.000438989
Htl	W01	5	72	0.8	0.4	7.52435E-05	1.43603E-05	0.000450529
Htl	W02	5	72	0.8	0.4	0.000135058	1.79267E-05	0.000514051
Htl	W03	5	72	0.8	0.4	0.000118977	1.73808E-05	0.000450529
Htl	W04	5	72	0.8	0.4	0.000151436	1.75588E-05	0.000514051
Htl	W05	5	72	0.8	0.4	0.000131261	1.72918E-05	0.000629555
Htl	W06	5	72	0.8	0.4	0.000177783	1.40043E-05	0.000612245
Htl	W07	5	72	0.8	0.4	0.000156599	1.53217E-05	0.000444759
Htl	W08	5	72	0.8	0.4	0.000156421	1.53573E-05	0.000560211
Htl	W09	5	72	0.8	0.4	0.000191254	1.73274E-05	0.000635325
Htl	W10	5	72	0.8	0.4	0.000161999	1.53869E-05	0.000502459
Htl	W11	5	72	0.8	0.4	0.000148291	2.08106E-05	0.000519821
Htl	W12	5	72	0.8	0.4	0.000147223	1.94577E-05	0.000496689
Htl	W13	5	72	0.8	0.4	0.000182056	1.95051E-05	0.000490919
Htl	W14	5	72	0.8	0.4	0.000150843	2.00392E-05	0.000485149
Htl	W15	5	72	0.8	0.4	0.000218966	1.58735E-05	0.000514051

## Zone Deadband db

Htl	W16	5	72	0.8	0.4	9.85642E-05	2.18669E-05	0.000490919
Htl	W01	5	72	0.94	0.2	4.8837E-05	8.2305E-06	0.000329254
Htl	W02	5	72	0.94	0.2	8.46192E-05	7.07929E-06	0.000502459
Htl	W03	5	72	0.94	0.2	6.21293E-05	7.43534E-06	0.000369645
Htl	W04	5	72	0.94	0.2	0.00011696	6.65798E-06	0.000467839
Htl	W05	5	72	0.94	0.2	9.36389E-05	7.59555E-06	0.000594883
Htl	W06	5	72	0.94	0.2	0.000124852	4.93118E-06	0.000560263
Htl	W07	5	72	0.94	0.2	0.000124911	4.3081E-06	0.000404265
Htl	W08	5	72	0.94	0.2	0.000125742	3.82745E-06	0.000514051
Htl	W09	5	72	0.94	0.2	0.00015114	4.02327E-06	0.000594883
Htl	W10	5	72	0.94	0.2	0.000118324	4.34964E-06	0.000479431
Htl	W11	5	72	0.94	0.2	0.000112984	6.42062E-06	0.000490919
Htl	W12	5	72	0.94	0.2	0.000106931	6.37908E-06	0.000438989
Htl	W13	5	72	0.94	0.2	0.00014034	5.25755E-06	0.000473609
Htl	W14	5	72	0.94	0.2	0.000101591	6.5215E-06	0.000456299
Htl	W15	5	72	0.94	0.2	0.000175825	2.31427E-06	0.000548671
Htl	W16	5	72	0.94	0.2	6.58084E-05	1.1156E-05	0.000433167
Htl	W01	5	72	0.94	0.3	6.64018E-05	9.35203E-06	0.000381185
Htl	W02	5	72	0.94	0.3	0.000106812	8.99598E-06	0.000502511
Htl	W03	5	72	0.94	0.3	9.96323E-05	8.77049E-06	0.000381237
Htl	W04	5	72	0.94	0.3	0.000129896	8.31951E-06	0.000473609
Htl	W05	5	72	0.94	0.3	0.000108415	8.62214E-06	0.000600705
Htl	W06	5	72	0.94	0.3	0.000157667	5.89842E-06	0.000566033
Htl	W07	5	72	0.94	0.3	0.000132922	5.64919E-06	0.000410087
Htl	W08	5	72	0.94	0.3	0.000131557	5.1448E-06	0.000519821
Htl	W09	5	72	0.94	0.3	0.000155768	5.53645E-06	0.000600705
Htl	W10	5	72	0.94	0.3	0.000133575	5.85688E-06	0.000479379
Htl	W11	5	72	0.94	0.3	0.000113103	7.85665E-06	0.000462069
Htl	W12	5	72	0.94	0.3	0.000114586	7.86259E-06	0.000438937
Htl	W13	5	72	0.94	0.3	0.00014301	6.64018E-06	0.000467839
Htl	W14	5	72	0.94	0.3	0.000123843	8.81796E-06	0.000456299
Htl	W15	5	72	0.94	0.3	0.00018259	3.25778E-06	0.000537183
Htl	W16	5	72	0.94	0.3	7.52435E-05	1.26691E-05	0.000438989
Htl	W01	5	72	0.94	0.4	7.52435E-05	1.22241E-05	0.000450529
Htl	W02	5	72	0.94	0.4	0.000135058	1.52564E-05	0.000514051
Htl	W03	5	72	0.94	0.4	0.000118977	1.47935E-05	0.000450529
Htl	W04	5	72	0.94	0.4	0.000151436	1.49419E-05	0.000514051
Htl	W05	5	72	0.94	0.4	0.000131261	1.47164E-05	0.000629555
Htl	W06	5	72	0.94	0.4	0.000177783	1.19215E-05	0.000612245
Htl	W07	5	72	0.94	0.4	0.000156599	1.30371E-05	0.000444759
Htl	W08	5	72	0.94	0.4	0.000156421	1.30727E-05	0.000560211
Htl	W09	5	72	0.94	0.4	0.000191254	1.4752E-05	0.000635325
Htl	W10	5	72	0.94	0.4	0.000161999	1.30964E-05	0.000502459
Htl	W11	5	72	0.94	0.4	0.000148291	1.77131E-05	0.000519821
Htl	W12	5	72	0.94	0.4	0.000147223	1.65619E-05	0.000496689
Htl	W13	5	72	0.94	0.4	0.000182056	1.65975E-05	0.000490919
Htl	W14	5	72	0.94	0.4	0.000150843	1.70603E-05	0.000485149
Htl	W15	5	72	0.94	0.4	0.000218966	1.35058E-05	0.000514051
Htl	W16	5	72	0.94	0.4	9.85642E-05	1.86032E-05	0.000490919
Htl	W01	75	74	0.8	0.2	0.000177546	1.56243E-05	0.000797041
Htl	W02	75	74	0.8	0.2	0.000176181	1.11026E-05	0.000704877
Htl	W03	75	74	0.8	0.2	0.000292607	1.36186E-05	0.000600653
Htl	W04	75	74	0.8	0.2	0.00023119	1.05685E-05	0.000687203
Htl	W05	75	74	0.8	0.2	0.000262581	1.50012E-05	0.000623785
Htl	W06	75	74	0.8	0.2	0.000339248	9.59532E-06	0.000594935
Htl	W07	75	74	0.8	0.2	0.000325303	7.88632E-06	0.000606475
Htl	W08	75	74	0.8	0.2	0.00030851	7.47687E-06	0.000722031
Htl	W09	75	74	0.8	0.2	0.000323226	6.95468E-06	0.000751141
Htl	W10	75	74	0.8	0.2	0.000287563	6.62237E-06	0.000739705
Htl	W11	75	74	0.8	0.2	0.000248932	9.68433E-06	0.000733467
Htl	W12	75	74	0.8	0.2	0.000222289	1.01531E-05	0.000710595
Htl	W13	75	74	0.8	0.2	0.000247983	7.77951E-06	0.000739185
Htl	W14	75	74	0.8	0.2	0.000182709	8.92478E-06	0.000744903
Htl	W15	75	74	0.8	0.2	0.000362272	4.27843E-06	0.000785449
Htl	W16	75	74	0.8	0.2	0.000118324	1.56658E-05	0.000727749
Htl	W01	75	74	0.8	0.3	0.000176181	1.91135E-05	0.000802863
Htl	W02	75	74	0.8	0.3	0.000158735	1.45799E-05	0.000722031
Htl	W03	75	74	0.8	0.3	0.000207038	1.74994E-05	0.000646865
Htl	W04	75	74	0.8	0.3	0.000173452	1.38856E-05	0.000710075
Htl	W05	75	74	0.8	0.3	0.000200926	1.86684E-05	0.000646917
Htl	W06	75	74	0.8	0.3	0.000267269	1.26454E-05	0.000618015
Htl	W07	75	74	0.8	0.3	0.000244897	1.09542E-05	0.000623785
Htl	W08	75	74	0.8	0.3	0.000240387	1.06516E-05	0.000733467



## Zone Deadband db

Htl	W09	75	74	0.8	0.3	0.000223772	1.03489E-05	0.000762577
Htl	W10	75	74	0.8	0.3	0.000221102	9.70807E-06	0.000756339
Htl	W11	75	74	0.8	0.3	0.000176241	1.28294E-05	0.000727749
Htl	W12	75	74	0.8	0.3	0.00016366	1.3856E-05	0.000727749
Htl	W13	75	74	0.8	0.3	0.000190067	1.06397E-05	0.000745423
Htl	W14	75	74	0.8	0.3	0.000175529	1.13281E-05	0.000751141
Htl	W15	75	74	0.8	0.3	0.000264064	6.88941E-06	0.000791167
Htl	W16	75	74	0.8	0.3	0.000131023	1.74935E-05	0.000750621
Htl	W01	75	74	0.8	0.4	0.000105566	2.43592E-05	0.000825943
Htl	W02	75	74	0.8	0.4	0.000141645	2.10183E-05	0.000739185
Htl	W03	75	74	0.8	0.4	0.000149656	2.58249E-05	0.000756651
Htl	W04	75	74	0.8	0.4	0.000150487	2.1321E-05	0.000796885
Htl	W05	75	74	0.8	0.4	0.000174698	2.41752E-05	0.000675767
Htl	W06	75	74	0.8	0.4	0.000178258	1.68704E-05	0.000641095
Htl	W07	75	74	0.8	0.4	0.000164847	1.51614E-05	0.000658457
Htl	W08	75	74	0.8	0.4	0.000181819	1.52267E-05	0.000744903
Htl	W09	75	74	0.8	0.4	0.000178496	1.50012E-05	0.000785449
Htl	W10	75	74	0.8	0.4	0.000163067	1.39034E-05	0.000774013
Htl	W11	75	74	0.8	0.4	0.000139924	1.92262E-05	0.000739185
Htl	W12	75	74	0.8	0.4	0.000138025	2.11489E-05	0.000756859
Htl	W13	75	74	0.8	0.4	0.000158023	1.57311E-05	0.000762057
Htl	W14	75	74	0.8	0.4	0.000159863	1.80394E-05	0.000774013
Htl	W15	75	74	0.8	0.4	0.000217957	8.44412E-06	0.000791167
Htl	W16	75	74	0.8	0.4	0.000111678	2.40447E-05	0.000779731
Htl	W01	75	74	0.94	0.2	0.000177546	1.32922E-05	0.000797041
Htl	W02	75	74	0.94	0.2	0.000176181	9.44697E-06	0.000704877
Htl	W03	75	74	0.94	0.2	0.000292607	1.15892E-05	0.000600653
Htl	W04	75	74	0.94	0.2	0.00023119	8.99598E-06	0.000687203
Htl	W05	75	74	0.94	0.2	0.000262581	1.27641E-05	0.000623785
Htl	W06	75	74	0.94	0.2	0.000339248	8.16522E-06	0.000594935
Htl	W07	75	74	0.94	0.2	0.000325303	6.71138E-06	0.000606475
Htl	W08	75	74	0.94	0.2	0.00030851	6.36128E-06	0.000722031
Htl	W09	75	74	0.94	0.2	0.000323226	5.91622E-06	0.000751141
Htl	W10	75	74	0.94	0.2	0.000287563	5.64326E-06	0.000739705
Htl	W11	75	74	0.94	0.2	0.000248932	8.24236E-06	0.000733467
Htl	W12	75	74	0.94	0.2	0.000222289	8.63994E-06	0.000710595
Htl	W13	75	74	0.94	0.2	0.000247983	6.61644E-06	0.000739185
Htl	W14	75	74	0.94	0.2	0.000182709	7.59555E-06	0.000744903
Htl	W15	75	74	0.94	0.2	0.000362272	3.64349E-06	0.000785449
Htl	W16	75	74	0.94	0.2	0.000118324	1.33338E-05	0.000727749
Htl	W01	75	74	0.94	0.3	0.000176181	1.62652E-05	0.000802863
Htl	W02	75	74	0.94	0.3	0.000158735	1.24081E-05	0.000722031
Htl	W03	75	74	0.94	0.3	0.000207038	1.49003E-05	0.000646865
Htl	W04	75	74	0.94	0.3	0.000173452	1.18206E-05	0.000710075
Htl	W05	75	74	0.94	0.3	0.000200926	1.58854E-05	0.000646917
Htl	W06	75	74	0.94	0.3	0.000267269	1.07584E-05	0.000618015
Htl	W07	75	74	0.94	0.3	0.000244897	9.32236E-06	0.000623785
Htl	W08	75	74	0.94	0.3	0.000240387	9.06126E-06	0.000733467
Htl	W09	75	74	0.94	0.3	0.000223772	8.8061E-06	0.000762577
Htl	W10	75	74	0.94	0.3	0.000221102	8.2661E-06	0.000756339
Htl	W11	75	74	0.94	0.3	0.000176241	1.09186E-05	0.000727749
Htl	W12	75	74	0.94	0.3	0.00016366	1.17909E-05	0.000727749
Htl	W13	75	74	0.94	0.3	0.000190067	9.05533E-06	0.000745423
Htl	W14	75	74	0.94	0.3	0.000175529	9.63686E-06	0.000751141
Htl	W15	75	74	0.94	0.3	0.000264064	5.86282E-06	0.000791167
Htl	W16	75	74	0.94	0.3	0.000131023	1.48885E-05	0.000750621
Htl	W01	75	74	0.94	0.4	0.000105566	2.07335E-05	0.000825943
Htl	W02	75	74	0.94	0.4	0.000141645	1.78852E-05	0.000739185
Htl	W03	75	74	0.94	0.4	0.000149656	2.19796E-05	0.000756651
Htl	W04	75	74	0.94	0.4	0.000150487	1.81463E-05	0.000796885
Htl	W05	75	74	0.94	0.4	0.000174698	2.05792E-05	0.000675767
Htl	W06	75	74	0.94	0.4	0.000178258	1.43544E-05	0.000641095
Htl	W07	75	74	0.94	0.4	0.000164847	1.29065E-05	0.000658457
Htl	W08	75	74	0.94	0.4	0.000181819	1.29599E-05	0.000744903
Htl	W09	75	74	0.94	0.4	0.000178496	1.277E-05	0.000785449
Htl	W10	75	74	0.94	0.4	0.000163067	1.18324E-05	0.000774013
Htl	W11	75	74	0.94	0.4	0.000139924	1.63601E-05	0.000739185
Htl	W12	75	74	0.94	0.4	0.000138025	1.79979E-05	0.000756859
Htl	W13	75	74	0.94	0.4	0.000158023	1.33872E-05	0.000762057
Htl	W14	75	74	0.94	0.4	0.000159863	1.53513E-05	0.000774013
Htl	W15	75	74	0.94	0.4	0.000217957	7.18611E-06	0.000791167
Htl	W16	75	74	0.94	0.4	0.000111678	2.04605E-05	0.000779731
Htl	W01	85	74	0.8	0.2	0.000173036	2.15405E-05	0.000912597



## Zone Deadband db

Htl	W02	85	74	0.8	0.2	0.00020241	1.5565E-05	0.000646657
Htl	W03	85	74	0.8	0.2	0.000209709	2.43176E-05	0.000652635
Htl	W04	85	74	0.8	0.2	0.000206148	1.58913E-05	0.000623785
Htl	W05	85	74	0.8	0.2	0.000242998	2.40328E-05	0.000589165
Htl	W06	85	74	0.8	0.2	0.00024733	1.97247E-05	0.000606475
Htl	W07	85	74	0.8	0.2	0.00023659	1.88227E-05	0.000542953
Htl	W08	85	74	0.8	0.2	0.00021677	1.40636E-05	0.000687203
Htl	W09	85	74	0.8	0.2	0.000209768	1.27938E-05	0.000687203
Htl	W10	85	74	0.8	0.2	0.000221102	1.17197E-05	0.000652375
Htl	W11	85	74	0.8	0.2	0.00018526	1.21648E-05	0.000715793
Htl	W12	85	74	0.8	0.2	0.000179445	1.2948E-05	0.000640939
Htl	W13	85	74	0.8	0.2	0.000202172	1.11263E-05	0.000722031
Htl	W14	85	74	0.8	0.2	0.000212379	1.26217E-05	0.000733467
Htl	W15	85	74	0.8	0.2	0.000238429	5.26348E-06	0.000767775
Htl	W16	85	74	0.8	0.2	0.00013672	1.91313E-05	0.000698795
Htl	W01	85	74	0.8	0.3	0.000200748	2.33979E-05	0.000964527
Htl	W02	85	74	0.8	0.3	0.000279196	2.46856E-05	0.000687203
Htl	W03	85	74	0.8	0.3	0.000310943	2.85545E-05	0.000675767
Htl	W04	85	74	0.8	0.3	0.000277831	2.41218E-05	0.000739185
Htl	W05	85	74	0.8	0.3	0.000348683	2.93022E-05	0.000641095
Htl	W06	85	74	0.8	0.3	0.00033551	2.58368E-05	0.000652635
Htl	W07	85	74	0.8	0.3	0.000340851	2.68099E-05	0.000560263
Htl	W08	85	74	0.8	0.3	0.000309044	2.28579E-05	0.000751141
Htl	W09	85	74	0.8	0.3	0.000325244	2.2484E-05	0.000692921
Htl	W10	85	74	0.8	0.3	0.000328092	2.24128E-05	0.000744903
Htl	W11	85	74	0.8	0.3	0.000260919	2.43354E-05	0.000744903
Htl	W12	85	74	0.8	0.3	0.00025908	2.63233E-05	0.000704877
Htl	W13	85	74	0.8	0.3	0.000314325	2.70117E-05	0.000779731
Htl	W14	85	74	0.8	0.3	0.00029771	2.70888E-05	0.000698639
Htl	W15	85	74	0.8	0.3	0.000332602	2.26858E-05	0.000727749
Htl	W16	85	74	0.8	0.3	0.000175054	2.42227E-05	0.000750777
Htl	W01	85	74	0.8	0.4	0.00021048	2.69345E-05	0.00101651
Htl	W02	85	74	0.8	0.4	0.000399894	3.98173E-05	0.000803123
Htl	W03	85	74	0.8	0.4	0.000373488	4.1289E-05	0.000860615
Htl	W04	85	74	0.8	0.4	0.000396096	3.94494E-05	0.000935677
Htl	W05	85	74	0.8	0.4	0.000443034	4.47604E-05	0.000675767
Htl	W06	85	74	0.8	0.4	0.000423274	4.00903E-05	0.000745059
Htl	W07	85	74	0.8	0.4	0.000452173	4.38762E-05	0.000710439
Htl	W08	85	74	0.8	0.4	0.000429683	4.05769E-05	0.000843149
Htl	W09	85	74	0.8	0.4	0.000471577	4.39533E-05	0.000855105
Htl	W10	85	74	0.8	0.4	0.000486768	4.35973E-05	0.000848867
Htl	W11	85	74	0.8	0.4	0.000438881	4.6772E-05	0.000987659
Htl	W12	85	74	0.8	0.4	0.000408498	4.62557E-05	0.000918523
Htl	W13	85	74	0.8	0.4	0.000481606	5.19287E-05	0.000912285
Htl	W14	85	74	0.8	0.4	0.000433837	4.81665E-05	0.000901369
Htl	W15	85	74	0.8	0.4	0.000586579	6.71732E-05	0.000877977
Htl	W16	85	74	0.8	0.4	0.000249763	3.68088E-05	0.000906775
Htl	W01	85	74	0.94	0.2	0.000173036	1.83361E-05	0.000912597
Htl	W02	85	74	0.94	0.2	0.00020241	1.32447E-05	0.000646657
Htl	W03	85	74	0.94	0.2	0.000209709	2.0692E-05	0.000652635
Htl	W04	85	74	0.94	0.2	0.000206148	1.35236E-05	0.000623785
Htl	W05	85	74	0.94	0.2	0.000242998	2.04546E-05	0.000589165
Htl	W06	85	74	0.94	0.2	0.00024733	1.67933E-05	0.000606475
Htl	W07	85	74	0.94	0.2	0.00023659	1.60219E-05	0.000542953
Htl	W08	85	74	0.94	0.2	0.00021677	1.19689E-05	0.000687203
Htl	W09	85	74	0.94	0.2	0.000209768	1.08889E-05	0.000687203
Htl	W10	85	74	0.94	0.2	0.000221102	9.9751E-06	0.000652375
Htl	W11	85	74	0.94	0.2	0.00018526	1.03549E-05	0.000715793
Htl	W12	85	74	0.94	0.2	0.000179445	1.10195E-05	0.000640939
Htl	W13	85	74	0.94	0.2	0.000202172	9.47664E-06	0.000722031
Htl	W14	85	74	0.94	0.2	0.000212379	1.07406E-05	0.000733467
Htl	W15	85	74	0.94	0.2	0.000238429	4.48019E-06	0.000767775
Htl	W16	85	74	0.94	0.2	0.00013672	1.6283E-05	0.000698795
Htl	W01	85	74	0.94	0.3	0.000200748	1.99146E-05	0.000964527
Htl	W02	85	74	0.94	0.3	0.000279196	2.10065E-05	0.000687203
Htl	W03	85	74	0.94	0.3	0.000310943	2.42998E-05	0.000675767
Htl	W04	85	74	0.94	0.3	0.000277831	2.05317E-05	0.000739185
Htl	W05	85	74	0.94	0.3	0.000348683	2.49348E-05	0.000641095
Htl	W06	85	74	0.94	0.3	0.00033551	2.19856E-05	0.000652635
Htl	W07	85	74	0.94	0.3	0.000340851	2.28163E-05	0.000560263
Htl	W08	85	74	0.94	0.3	0.000309044	1.94517E-05	0.000751141
Htl	W09	85	74	0.94	0.3	0.000325244	1.91372E-05	0.000692921
Htl	W10	85	74	0.94	0.3	0.000328092	1.90779E-05	0.000744903

## Zone Deadband db

Htl	W11	85	74	0.94	0.3	0.000260919	2.07098E-05	0.000744903
Htl	W12	85	74	0.94	0.3	0.00025908	2.2401E-05	0.000704877
Htl	W13	85	74	0.94	0.3	0.000314325	2.29884E-05	0.000779731
Htl	W14	85	74	0.94	0.3	0.00029771	2.30596E-05	0.000698639
Htl	W15	85	74	0.94	0.3	0.000332602	1.93034E-05	0.000727749
Htl	W16	85	74	0.94	0.3	0.000175054	2.06148E-05	0.000750777
Htl	W01	85	74	0.94	0.4	0.00021048	2.29231E-05	0.00101651
Htl	W02	85	74	0.94	0.4	0.000399894	3.38892E-05	0.000803123
Htl	W03	85	74	0.94	0.4	0.000373488	3.51354E-05	0.000860615
Htl	W04	85	74	0.94	0.4	0.000396096	3.35747E-05	0.000935677
Htl	W05	85	74	0.94	0.4	0.000443034	3.80965E-05	0.000675767
Htl	W06	85	74	0.94	0.4	0.000423274	3.41207E-05	0.000745059
Htl	W07	85	74	0.94	0.4	0.000452173	3.73369E-05	0.000710439
Htl	W08	85	74	0.94	0.4	0.000429683	3.4542E-05	0.000843149
Htl	W09	85	74	0.94	0.4	0.000471577	3.74081E-05	0.000855105
Htl	W10	85	74	0.94	0.4	0.000486768	3.71055E-05	0.000848867
Htl	W11	85	74	0.94	0.4	0.000438881	3.98055E-05	0.000987659
Htl	W12	85	74	0.94	0.4	0.000408498	3.93663E-05	0.000918523
Htl	W13	85	74	0.94	0.4	0.000481606	4.41907E-05	0.000912285
Htl	W14	85	74	0.94	0.4	0.000433837	4.09982E-05	0.000901369
Htl	W15	85	74	0.94	0.4	0.000586579	5.71684E-05	0.000877977
Htl	W16	85	74	0.94	0.4	0.000249763	3.13317E-05	0.000906775
Htl	W01	96	74	0.8	0.2	9.45884E-05	1.40518E-05	0.000698899
Htl	W02	96	74	0.8	0.2	7.6727E-05	1.32804E-05	0.000768191
Htl	W03	96	74	0.8	0.2	8.8239E-05	1.81047E-05	0.000421627
Htl	W04	96	74	0.8	0.2	9.9395E-05	1.31676E-05	0.000525591
Htl	W05	96	74	0.8	0.2	0.000122478	1.77902E-05	0.000681537
Htl	W06	96	74	0.8	0.2	0.000117909	1.37551E-05	0.000537131
Htl	W07	96	74	0.8	0.2	0.00014212	1.33338E-05	0.000427397
Htl	W08	96	74	0.8	0.2	0.000110432	1.11144E-05	0.000779731
Htl	W09	96	74	0.8	0.2	0.000142298	9.45291E-06	0.000808685
Htl	W10	96	74	0.8	0.2	0.000156955	9.36389E-06	0.000733467
Htl	W11	96	74	0.8	0.2	1.91669E-05	9.86235E-06	0.000508281
Htl	W12	96	74	0.8	0.2	2.39141E-05	1.10729E-05	0.000664227
Htl	W13	96	74	0.8	0.2	9.66653E-05	8.90104E-06	0.000537339
Htl	W14	96	74	0.8	0.2	9.51225E-05	9.70213E-06	0.000531361
Htl	W15	96	74	0.8	0.2	0.000184845	4.67008E-06	0.000554649
Htl	W16	96	74	0.8	0.2	6.36721E-05	1.67162E-05	0.000577573
Htl	W01	96	74	0.8	0.3	0.000125386	1.54997E-05	0.000756651
Htl	W02	96	74	0.8	0.3	0.000223594	2.0864E-05	0.000785501
Htl	W03	96	74	0.8	0.3	0.000231902	2.14337E-05	0.000473609
Htl	W04	96	74	0.8	0.3	0.000242108	2.01223E-05	0.000629607
Htl	W05	96	74	0.8	0.3	0.000244838	2.13922E-05	0.000687307
Htl	W06	96	74	0.8	0.3	0.000240684	1.86566E-05	0.000606475
Htl	W07	96	74	0.8	0.3	0.000239557	1.79208E-05	0.000450529
Htl	W08	96	74	0.8	0.3	0.000219974	1.73452E-05	0.000825943
Htl	W09	96	74	0.8	0.3	0.000257121	1.79682E-05	0.000866489
Htl	W10	96	74	0.8	0.3	0.000251662	1.69476E-05	0.000779731
Htl	W11	96	74	0.8	0.3	0.000199383	1.9701E-05	0.000635325
Htl	W12	96	74	0.8	0.3	0.000202469	1.94458E-05	0.000773961
Htl	W13	96	74	0.8	0.3	0.000240743	2.00155E-05	0.000623993
Htl	W14	96	74	0.8	0.3	0.000220271	2.0146E-05	0.000577573
Htl	W15	96	74	0.8	0.3	0.00027071	2.00451E-05	0.000617547
Htl	W16	96	74	0.8	0.3	0.000123012	2.10539E-05	0.000617963
Htl	W01	96	74	0.8	0.4	0.000135177	1.87397E-05	0.000773961
Htl	W02	96	74	0.8	0.4	0.000328982	3.46191E-05	0.000924137
Htl	W03	96	74	0.8	0.4	0.000297473	3.21743E-05	0.000612245
Htl	W04	96	74	0.8	0.4	0.000335391	3.46607E-05	0.000906775
Htl	W05	96	74	0.8	0.4	0.000327499	3.42809E-05	0.000773961
Htl	W06	96	74	0.8	0.4	0.000305246	2.86554E-05	0.000652635
Htl	W07	96	74	0.8	0.4	0.000324295	3.22633E-05	0.000577573
Htl	W08	96	74	0.8	0.4	0.000317708	3.15631E-05	0.000941447
Htl	W09	96	74	0.8	0.4	0.000377701	3.50404E-05	0.000958653
Htl	W10	96	74	0.8	0.4	0.000386008	3.54855E-05	0.000924241
Htl	W11	96	74	0.8	0.4	0.000305721	3.45657E-05	0.000745059
Htl	W12	96	74	0.8	0.4	0.000316106	3.43224E-05	0.000941447
Htl	W13	96	74	0.8	0.4	0.000346547	3.62925E-05	0.000773961
Htl	W14	96	74	0.8	0.4	0.000320912	3.48209E-05	0.000785553
Htl	W15	96	74	0.8	0.4	0.000478105	5.18693E-05	0.000843149
Htl	W16	96	74	0.8	0.4	0.000181344	3.02873E-05	0.000721979
Htl	W01	96	74	0.94	0.2	9.45884E-05	1.19571E-05	0.000698899
Htl	W02	96	74	0.94	0.2	7.6727E-05	1.13043E-05	0.000768191
Htl	W03	96	74	0.94	0.2	8.8239E-05	1.54047E-05	0.000421627

## Zone Deadband db

Htl	W04	96	74	0.94	0.2	9.9395E-05	1.12094E-05	0.000525591
Htl	W05	96	74	0.94	0.2	0.000122478	1.51377E-05	0.000681537
Htl	W06	96	74	0.94	0.2	0.000117909	1.17078E-05	0.000537131
Htl	W07	96	74	0.94	0.2	0.00014212	1.13518E-05	0.000427397
Htl	W08	96	74	0.94	0.2	0.000110432	9.45884E-06	0.000779731
Htl	W09	96	74	0.94	0.2	0.000142298	8.04654E-06	0.000808685
Htl	W10	96	74	0.94	0.2	0.000156955	7.9694E-06	0.000733467
Htl	W11	96	74	0.94	0.2	1.91669E-05	8.39071E-06	0.000508281
Htl	W12	96	74	0.94	0.2	2.39141E-05	9.42323E-06	0.000664227
Htl	W13	96	74	0.94	0.2	9.66653E-05	7.57775E-06	0.000537339
Htl	W14	96	74	0.94	0.2	9.51225E-05	8.26017E-06	0.000531361
Htl	W15	96	74	0.94	0.2	0.000184845	3.9758E-06	0.000554649
Htl	W16	96	74	0.94	0.2	6.36721E-05	1.42298E-05	0.000577573
Htl	W01	96	74	0.94	0.3	0.000125386	1.31913E-05	0.000756651
Htl	W02	96	74	0.94	0.3	0.000223594	1.77546E-05	0.000785501
Htl	W03	96	74	0.94	0.3	0.000231902	1.82412E-05	0.000473609
Htl	W04	96	74	0.94	0.3	0.000242108	1.71256E-05	0.000629607
Htl	W05	96	74	0.94	0.3	0.000244838	1.82056E-05	0.000687307
Htl	W06	96	74	0.94	0.3	0.000240684	1.58795E-05	0.000606475
Htl	W07	96	74	0.94	0.3	0.000239557	1.52564E-05	0.000450529
Htl	W08	96	74	0.94	0.3	0.000219974	1.47639E-05	0.000825943
Htl	W09	96	74	0.94	0.3	0.000257121	1.5292E-05	0.000866489
Htl	W10	96	74	0.94	0.3	0.000251662	1.44256E-05	0.000779731
Htl	W11	96	74	0.94	0.3	0.000199383	1.67696E-05	0.000635325
Htl	W12	96	74	0.94	0.3	0.000202469	1.655E-05	0.000773961
Htl	W13	96	74	0.94	0.3	0.000240743	1.70366E-05	0.000623993
Htl	W14	96	74	0.94	0.3	0.000220271	1.71434E-05	0.000577573
Htl	W15	96	74	0.94	0.3	0.00027071	1.70603E-05	0.000617547
Htl	W16	96	74	0.94	0.3	0.000123012	1.79148E-05	0.000617963
Htl	W01	96	74	0.94	0.4	0.000135177	1.59447E-05	0.000773961
Htl	W02	96	74	0.94	0.4	0.000328982	2.94624E-05	0.000924137
Htl	W03	96	74	0.94	0.4	0.000297473	2.73855E-05	0.000612245
Htl	W04	96	74	0.94	0.4	0.000335391	2.94921E-05	0.000906775
Htl	W05	96	74	0.94	0.4	0.000327499	2.91717E-05	0.000773961
Htl	W06	96	74	0.94	0.4	0.000305246	2.43889E-05	0.000652635
Htl	W07	96	74	0.94	0.4	0.000324295	2.74567E-05	0.000577573
Htl	W08	96	74	0.94	0.4	0.000317708	2.68633E-05	0.000941447
Htl	W09	96	74	0.94	0.4	0.000377701	2.98244E-05	0.000958653
Htl	W10	96	74	0.94	0.4	0.000386008	3.02042E-05	0.000924241
Htl	W11	96	74	0.94	0.4	0.000305721	2.94209E-05	0.000745059
Htl	W12	96	74	0.94	0.4	0.000316106	2.92073E-05	0.000941447
Htl	W13	96	74	0.94	0.4	0.000346547	3.08866E-05	0.000773961
Htl	W14	96	74	0.94	0.4	0.000320912	2.96345E-05	0.000785553
Htl	W15	96	74	0.94	0.4	0.000478105	4.41492E-05	0.000843149
Htl	W16	96	74	0.94	0.4	0.000181344	2.57774E-05	0.000721979
Htl	W01	3	74	0.8	0.2	9.98697E-05	1.33397E-05	0.000513999
Htl	W02	3	74	0.8	0.2	0.000118977	1.15298E-05	0.000519821
Htl	W03	3	74	0.8	0.2	0.000130489	1.45087E-05	0.000329202
Htl	W04	3	74	0.8	0.2	0.000116307	1.14764E-05	0.000386955
Htl	W05	3	74	0.8	0.2	0.000164432	1.47223E-05	0.000450529
Htl	W06	3	74	0.8	0.2	0.000199739	1.14942E-05	0.000346565
Htl	W07	3	74	0.8	0.2	0.000176478	1.13815E-05	0.0003003
Htl	W08	3	74	0.8	0.2	0.000150962	9.36983E-06	0.000577573
Htl	W09	3	74	0.8	0.2	0.000146452	8.10588E-06	0.000594935
Htl	W10	3	74	0.8	0.2	0.0001385	7.91599E-06	0.000467839
Htl	W11	3	74	0.8	0.2	8.36104E-05	9.1562E-06	0.000398547
Htl	W12	3	74	0.8	0.2	5.89842E-05	9.6606E-06	0.000444759
Htl	W13	3	74	0.8	0.2	0.000110314	7.57182E-06	0.000415857
Htl	W14	3	74	0.8	0.2	9.87422E-05	9.38763E-06	0.000404317
Htl	W15	3	74	0.8	0.2	0.000187219	3.958E-06	0.000444707
Htl	W16	3	74	0.8	0.2	6.34347E-05	1.60397E-05	0.000438937
Htl	W01	3	74	0.8	0.3	0.000108889	1.49181E-05	0.000560263
Htl	W02	3	74	0.8	0.3	0.000158973	1.5565E-05	0.000519821
Htl	W03	3	74	0.8	0.3	0.000167636	1.69476E-05	0.000375467
Htl	W04	3	74	0.8	0.3	0.000180454	1.60753E-05	0.000427449
Htl	W05	3	74	0.8	0.3	0.000188346	1.70959E-05	0.000473609
Htl	W06	3	74	0.8	0.3	0.000228104	1.46748E-05	0.000375415
Htl	W07	3	74	0.8	0.3	0.000205258	1.51674E-05	0.000306122
Htl	W08	3	74	0.8	0.3	0.000194399	1.34228E-05	0.000583343
Htl	W09	3	74	0.8	0.3	0.000200333	1.31498E-05	0.000600653
Htl	W10	3	74	0.8	0.3	0.00016817	1.16426E-05	0.000473609
Htl	W11	3	74	0.8	0.3	0.000156006	1.51258E-05	0.000438937
Htl	W12	3	74	0.8	0.3	0.000146452	1.49241E-05	0.000450477

## Zone Deadband db

Htl	W13	3	74	0.8	0.3	0.000173392	1.33456E-05	0.000410035
Htl	W14	3	74	0.8	0.3	0.000155412	1.47757E-05	0.000404317
Htl	W15	3	74	0.8	0.3	0.000197306	9.80301E-06	0.000433219
Htl	W16	3	74	0.8	0.3	0.00011156	2.11429E-05	0.000479379
Htl	W01	3	74	0.8	0.4	0.000121529	1.74223E-05	0.000600705
Htl	W02	3	74	0.8	0.4	0.000235996	2.52849E-05	0.000554493
Htl	W03	3	74	0.8	0.4	0.000223891	2.59376E-05	0.000519821
Htl	W04	3	74	0.8	0.4	0.000263589	2.79196E-05	0.000617963
Htl	W05	3	74	0.8	0.4	0.000249526	2.67684E-05	0.000525591
Htl	W06	3	74	0.8	0.4	0.000289937	2.66497E-05	0.000508281
Htl	W07	3	74	0.8	0.4	0.000281807	2.88097E-05	0.000421627
Htl	W08	3	74	0.8	0.4	0.000294268	2.90767E-05	0.000664227
Htl	W09	3	74	0.8	0.4	0.000311118	2.91183E-05	0.000698847
Htl	W10	3	74	0.8	0.4	0.000265844	2.46974E-05	0.000554441
Htl	W11	3	74	0.8	0.4	0.00026448	3.10172E-05	0.000577573
Htl	W12	3	74	0.8	0.4	0.000250001	2.88334E-05	0.000612245
Htl	W13	3	74	0.8	0.4	0.00028786	3.18064E-05	0.000571803
Htl	W14	3	74	0.8	0.4	0.000252315	3.14444E-05	0.000525591
Htl	W15	3	74	0.8	0.4	0.000359305	3.75505E-05	0.000479379
Htl	W16	3	74	0.8	0.4	0.000154641	2.91835E-05	0.000618015
Htl	W01	3	74	0.94	0.2	9.98697E-05	1.13518E-05	0.000513999
Htl	W02	3	74	0.94	0.2	0.000118977	9.81488E-06	0.000519821
Htl	W03	3	74	0.94	0.2	0.000130489	1.23487E-05	0.000329202
Htl	W04	3	74	0.94	0.2	0.000116307	9.76741E-06	0.000386955
Htl	W05	3	74	0.94	0.2	0.000164432	1.25327E-05	0.000450529
Htl	W06	3	74	0.94	0.2	0.000199739	9.77928E-06	0.000346565
Htl	W07	3	74	0.94	0.2	0.000176478	9.68433E-06	0.0003003
Htl	W08	3	74	0.94	0.2	0.000150962	7.9694E-06	0.000577573
Htl	W09	3	74	0.94	0.2	0.000146452	6.90127E-06	0.000594935
Htl	W10	3	74	0.94	0.2	0.0001385	6.73512E-06	0.000467839
Htl	W11	3	74	0.94	0.2	8.36104E-05	7.79138E-06	0.000398547
Htl	W12	3	74	0.94	0.2	5.89842E-05	8.21863E-06	0.000444759
Htl	W13	3	74	0.94	0.2	0.000110314	6.44435E-06	0.000415857
Htl	W14	3	74	0.94	0.2	9.87422E-05	7.9872E-06	0.000404317
Htl	W15	3	74	0.94	0.2	0.000187219	3.36459E-06	0.000444707
Htl	W16	3	74	0.94	0.2	6.34347E-05	1.36542E-05	0.000438937
Htl	W01	3	74	0.94	0.3	0.000108889	1.26929E-05	0.000560263
Htl	W02	3	74	0.94	0.3	0.000158973	1.32447E-05	0.000519821
Htl	W03	3	74	0.94	0.3	0.000167636	1.44256E-05	0.000375467
Htl	W04	3	74	0.94	0.3	0.000180454	1.36779E-05	0.000427449
Htl	W05	3	74	0.94	0.3	0.000188346	1.45502E-05	0.000473609
Htl	W06	3	74	0.94	0.3	0.000228104	1.24911E-05	0.000375415
Htl	W07	3	74	0.94	0.3	0.000205258	1.29124E-05	0.000306122
Htl	W08	3	74	0.94	0.3	0.000194399	1.1423E-05	0.000583343
Htl	W09	3	74	0.94	0.3	0.000200333	1.11856E-05	0.000600653
Htl	W10	3	74	0.94	0.3	0.00016817	9.90389E-06	0.000473609
Htl	W11	3	74	0.94	0.3	0.000156006	1.28768E-05	0.000438937
Htl	W12	3	74	0.94	0.3	0.000146452	1.26988E-05	0.000450477
Htl	W13	3	74	0.94	0.3	0.000173392	1.13577E-05	0.000410035
Htl	W14	3	74	0.94	0.3	0.000155412	1.25742E-05	0.000404317
Htl	W15	3	74	0.94	0.3	0.000197306	8.34324E-06	0.000433219
Htl	W16	3	74	0.94	0.3	0.00011156	1.7992E-05	0.000479379
Htl	W01	3	74	0.94	0.4	0.000121529	1.48291E-05	0.000600705
Htl	W02	3	74	0.94	0.4	0.000235996	2.15168E-05	0.000554493
Htl	W03	3	74	0.94	0.4	0.000223891	2.20746E-05	0.000519821
Htl	W04	3	74	0.94	0.4	0.000263589	2.37598E-05	0.000617963
Htl	W05	3	74	0.94	0.4	0.000249526	2.27807E-05	0.000525591
Htl	W06	3	74	0.94	0.4	0.000289937	2.26799E-05	0.000508281
Htl	W07	3	74	0.94	0.4	0.000281807	2.45194E-05	0.000421627
Htl	W08	3	74	0.94	0.4	0.000294268	2.4739E-05	0.000664227
Htl	W09	3	74	0.94	0.4	0.000311118	2.47864E-05	0.000698847
Htl	W10	3	74	0.94	0.4	0.000265844	2.10183E-05	0.000554441
Htl	W11	3	74	0.94	0.4	0.00026448	2.64005E-05	0.000577573
Htl	W12	3	74	0.94	0.4	0.000250001	2.45372E-05	0.000612245
Htl	W13	3	74	0.94	0.4	0.00028786	2.7071E-05	0.000571803
Htl	W14	3	74	0.94	0.4	0.000252315	2.67684E-05	0.000525591
Htl	W15	3	74	0.94	0.4	0.000359305	3.19547E-05	0.000479379
Htl	W16	3	74	0.94	0.4	0.000154641	2.48339E-05	0.000618015
Htl	W01	5	74	0.8	0.2	5.41777E-05	1.60515E-05	0.000363875
Htl	W02	5	74	0.8	0.2	8.01094E-05	1.27997E-05	0.000427397
Htl	W03	5	74	0.8	0.2	7.92193E-05	1.72027E-05	0.000335024
Htl	W04	5	74	0.8	0.2	9.54785E-05	1.24318E-05	0.000404265
Htl	W05	5	74	0.8	0.2	9.50631E-05	1.62058E-05	0.000433167

## Zone Deadband db

Htl	W06	5	74	0.8	0.2	0.000128116	1.36186E-05	0.000398495
Htl	W07	5	74	0.8	0.2	0.000136839	1.25386E-05	0.000340794
Htl	W08	5	74	0.8	0.2	0.000111797	9.3817E-06	0.000381185
Htl	W09	5	74	0.8	0.2	0.000118621	9.1562E-06	0.000508281
Htl	W10	5	74	0.8	0.2	0.000112628	8.62808E-06	0.000392725
Htl	W11	5	74	0.8	0.2	7.26918E-05	1.02599E-05	0.000386955
Htl	W12	5	74	0.8	0.2	7.60742E-05	1.08593E-05	0.000375415
Htl	W13	5	74	0.8	0.2	0.000101056	8.65181E-06	0.000404265
Htl	W14	5	74	0.8	0.2	8.18302E-05	1.00048E-05	0.000392725
Htl	W15	5	74	0.8	0.2	0.000142832	4.75316E-06	0.000427397
Htl	W16	5	74	0.8	0.2	4.45052E-05	1.67221E-05	0.000381237
Htl	W01	5	74	0.8	0.3	6.78259E-05	1.80572E-05	0.000410087
Htl	W02	5	74	0.8	0.3	0.000104558	1.67755E-05	0.000438989
Htl	W03	5	74	0.8	0.3	0.000109483	2.01223E-05	0.000421627
Htl	W04	5	74	0.8	0.3	0.000119927	1.73214E-05	0.000444707
Htl	W05	5	74	0.8	0.3	0.000117909	1.94161E-05	0.000462069
Htl	W06	5	74	0.8	0.3	0.000157311	1.71256E-05	0.000427397
Htl	W07	5	74	0.8	0.3	0.000148291	1.65441E-05	0.000352335
Htl	W08	5	74	0.8	0.3	0.000133219	1.34524E-05	0.000392725
Htl	W09	5	74	0.8	0.3	0.000142001	1.42357E-05	0.000519821
Htl	W10	5	74	0.8	0.3	0.000129837	1.27878E-05	0.000404317
Htl	W11	5	74	0.8	0.3	0.000106456	1.5743E-05	0.000427449
Htl	W12	5	74	0.8	0.3	0.000109127	1.62533E-05	0.000381185
Htl	W13	5	74	0.8	0.3	0.000128294	1.3939E-05	0.000392777
Htl	W14	5	74	0.8	0.3	0.000111085	1.53276E-05	0.000392777
Htl	W15	5	74	0.8	0.3	0.000162058	1.02777E-05	0.000421627
Htl	W16	5	74	0.8	0.3	8.18302E-05	2.14159E-05	0.000398495
Htl	W01	5	74	0.8	0.4	7.40567E-05	2.10539E-05	0.000438937
Htl	W02	5	74	0.8	0.4	0.000137729	2.68633E-05	0.000479379
Htl	W03	5	74	0.8	0.4	0.000136542	2.97413E-05	0.000490919
Htl	W04	5	74	0.8	0.4	0.000159507	3.02161E-05	0.000612245
Htl	W05	5	74	0.8	0.4	0.000151114	3.06374E-05	0.000502459
Htl	W06	5	74	0.8	0.4	0.000188643	2.95811E-05	0.000531361
Htl	W07	5	74	0.8	0.4	0.000177071	2.9593E-05	0.000456299
Htl	W08	5	74	0.8	0.4	0.000185201	3.01923E-05	0.000473609
Htl	W09	5	74	0.8	0.4	0.000198137	3.05958E-05	0.000606475
Htl	W10	5	74	0.8	0.4	0.00016823	2.58071E-05	0.000479379
Htl	W11	5	74	0.8	0.4	0.000156302	3.10112E-05	0.000560211
Htl	W12	5	74	0.8	0.4	0.000151852	2.9771E-05	0.000525591
Htl	W13	5	74	0.8	0.4	0.000181522	3.06967E-05	0.000542953
Htl	W14	5	74	0.8	0.4	0.000161287	3.13732E-05	0.000519821
Htl	W15	5	74	0.8	0.4	0.000229825	3.36993E-05	0.000473609
Htl	W16	5	74	0.8	0.4	0.000104261	2.96049E-05	0.000525591
Htl	W01	5	74	0.94	0.2	5.41777E-05	1.36601E-05	0.000363875
Htl	W02	5	74	0.94	0.2	8.01094E-05	1.08949E-05	0.000427397
Htl	W03	5	74	0.94	0.2	7.92193E-05	1.46392E-05	0.000335024
Htl	W04	5	74	0.94	0.2	9.54785E-05	1.05804E-05	0.000404265
Htl	W05	5	74	0.94	0.2	9.50631E-05	1.37966E-05	0.000433167
Htl	W06	5	74	0.94	0.2	0.000128116	1.15892E-05	0.000398495
Htl	W07	5	74	0.94	0.2	0.000136839	1.06694E-05	0.000340794
Htl	W08	5	74	0.94	0.2	0.000111797	7.98127E-06	0.000381185
Htl	W09	5	74	0.94	0.2	0.000118621	7.79731E-06	0.000508281
Htl	W10	5	74	0.94	0.2	0.000112628	7.34633E-06	0.000392725
Htl	W11	5	74	0.94	0.2	7.26918E-05	8.73489E-06	0.000386955
Htl	W12	5	74	0.94	0.2	7.60742E-05	9.23928E-06	0.000375415
Htl	W13	5	74	0.94	0.2	0.000101056	7.36413E-06	0.000404265
Htl	W14	5	74	0.94	0.2	8.18302E-05	8.51533E-06	0.000392725
Htl	W15	5	74	0.94	0.2	0.000142832	4.04701E-06	0.000427397
Htl	W16	5	74	0.94	0.2	4.45052E-05	1.42298E-05	0.000381237
Htl	W01	5	74	0.94	0.3	6.78259E-05	1.53632E-05	0.000410087
Htl	W02	5	74	0.94	0.3	0.000104558	1.42773E-05	0.000438989
Htl	W03	5	74	0.94	0.3	0.000109483	1.71256E-05	0.000421627
Htl	W04	5	74	0.94	0.3	0.000119927	1.47461E-05	0.000444707
Htl	W05	5	74	0.94	0.3	0.000117909	1.65263E-05	0.000462069
Htl	W06	5	74	0.94	0.3	0.000157311	1.4574E-05	0.000427397
Htl	W07	5	74	0.94	0.3	0.000148291	1.40755E-05	0.000352335
Htl	W08	5	74	0.94	0.3	0.000133219	1.14527E-05	0.000392725
Htl	W09	5	74	0.94	0.3	0.000142001	1.21232E-05	0.000519821
Htl	W10	5	74	0.94	0.3	0.000129837	1.0883E-05	0.000404317
Htl	W11	5	74	0.94	0.3	0.000106456	1.3405E-05	0.000427449
Htl	W12	5	74	0.94	0.3	0.000109127	1.38382E-05	0.000381185
Htl	W13	5	74	0.94	0.3	0.000128294	1.18621E-05	0.000392777
Htl	W14	5	74	0.94	0.3	0.000111085	1.3043E-05	0.000392777

## Zone Deadband db

Htl	W15	5	74	0.94	0.3	0.000162058	8.74676E-06	0.000421627
Htl	W16	5	74	0.94	0.3	8.18302E-05	1.82293E-05	0.000398495
Htl	W01	5	74	0.94	0.4	7.40567E-05	1.79148E-05	0.000438937
Htl	W02	5	74	0.94	0.4	0.000137729	2.28638E-05	0.000479379
Htl	W03	5	74	0.94	0.4	0.000136542	2.53086E-05	0.000490919
Htl	W04	5	74	0.94	0.4	0.000159507	2.57181E-05	0.000612245
Htl	W05	5	74	0.94	0.4	0.000151114	2.60741E-05	0.000502459
Htl	W06	5	74	0.94	0.4	0.000188643	2.51781E-05	0.000531361
Htl	W07	5	74	0.94	0.4	0.000177071	2.51899E-05	0.000456299
Htl	W08	5	74	0.94	0.4	0.000185201	2.56943E-05	0.000473609
Htl	W09	5	74	0.94	0.4	0.000198137	2.60444E-05	0.000606475
Htl	W10	5	74	0.94	0.4	0.00016823	2.19678E-05	0.000479379
Htl	W11	5	74	0.94	0.4	0.000156302	2.63946E-05	0.000560211
Htl	W12	5	74	0.94	0.4	0.000151852	2.53324E-05	0.000525591
Htl	W13	5	74	0.94	0.4	0.000181522	2.61216E-05	0.000542953
Htl	W14	5	74	0.94	0.4	0.000161287	2.67031E-05	0.000519821
Htl	W15	5	74	0.94	0.4	0.000229825	2.86792E-05	0.000473609
Htl	W16	5	74	0.94	0.4	0.000104261	2.51899E-05	0.000525591
Ofi	W01	75	70	0.8	0.2	0.000245223	2.28257E-05	0.000617918
Ofi	W02	75	70	0.8	0.2	0.000369327	2.30336E-05	0.000710677
Ofi	W03	75	70	0.8	0.2	0.000344856	1.99727E-05	0.000598857
Ofi	W04	75	70	0.8	0.2	0.000362759	1.72151E-05	0.000657293
Ofi	W05	75	70	0.8	0.2	0.000388756	1.94575E-05	0.000687769
Ofi	W06	75	70	0.8	0.2	0.000424374	1.18907E-05	0.000694765
Ofi	W07	75	70	0.8	0.2	0.000430684	1.04196E-05	0.000664906
Ofi	W08	75	70	0.8	0.2	0.000443769	1.09861E-05	0.000770976
Ofi	W09	75	70	0.8	0.2	0.000429107	1.2894E-05	0.000795096
Ofi	W10	75	70	0.8	0.2	0.000430513	1.30362E-05	0.000733482
Ofi	W11	75	70	0.8	0.2	0.000374403	2.01795E-05	0.000784294
Ofi	W12	75	70	0.8	0.2	0.000371745	2.07564E-05	0.000722108
Ofi	W13	75	70	0.8	0.2	0.000412644	1.7336E-05	0.000755087
Ofi	W14	75	70	0.8	0.2	0.000436995	1.82477E-05	0.000757659
Ofi	W15	75	70	0.8	0.2	0.000512363	8.31018E-06	0.000756973
Ofi	W16	75	70	0.8	0.2	0.000267945	2.4817E-05	0.000719536
Ofi	W01	75	70	0.8	0.3	0.000256233	2.94097E-05	0.000644593
Ofi	W02	75	70	0.8	0.3	0.000375158	2.93256E-05	0.000715078
Ofi	W03	75	70	0.8	0.3	0.000353705	2.64367E-05	0.000608379
Ofi	W04	75	70	0.8	0.3	0.000379033	2.34662E-05	0.000656664
Ofi	W05	75	70	0.8	0.3	0.000408203	2.62601E-05	0.000696028
Ofi	W06	75	70	0.8	0.3	0.000439533	1.79444E-05	0.000703641
Ofi	W07	75	70	0.8	0.3	0.000438641	1.6024E-05	0.000665564
Ofi	W08	75	70	0.8	0.3	0.000465719	1.71234E-05	0.000777949
Ofi	W09	75	70	0.8	0.3	0.000453629	2.05368E-05	0.000790066
Ofi	W10	75	70	0.8	0.3	0.000439413	1.93818E-05	0.00073291
Ofi	W11	75	70	0.8	0.3	0.000391294	2.53328E-05	0.000773548
Ofi	W12	75	70	0.8	0.3	0.000376632	2.6819E-05	0.000727138
Ofi	W13	75	70	0.8	0.3	0.000421664	2.23868E-05	0.000741141
Ofi	W14	75	70	0.8	0.3	0.000444626	2.29406E-05	0.000743656
Ofi	W15	75	70	0.8	0.3	0.000523904	1.21603E-05	0.000759545
Ofi	W16	75	70	0.8	0.3	0.000284048	2.92097E-05	0.000716392
Ofi	W01	75	70	0.8	0.4	0.000243028	3.72139E-05	0.000577909
Ofi	W02	75	70	0.8	0.4	0.000358849	3.49843E-05	0.000736054
Ofi	W03	75	70	0.8	0.4	0.000353087	3.45334E-05	0.000637626
Ofi	W04	75	70	0.8	0.4	0.000388893	2.98668E-05	0.000659179
Ofi	W05	75	70	0.8	0.4	0.000404859	3.46596E-05	0.000723948
Ofi	W06	75	70	0.8	0.4	0.00043967	2.5903E-05	0.000729035
Ofi	W07	75	70	0.8	0.4	0.000436412	2.45154E-05	0.000693467
Ofi	W08	75	70	0.8	0.4	0.000469766	2.41637E-05	0.000776692
Ofi	W09	75	70	0.8	0.4	0.000454281	2.84137E-05	0.000795725
Ofi	W10	75	70	0.8	0.4	0.00043125	2.64779E-05	0.000737311
Ofi	W11	75	70	0.8	0.4	0.000375741	3.00133E-05	0.000772234
Ofi	W12	75	70	0.8	0.4	0.000354991	3.18339E-05	0.000758916
Ofi	W13	75	70	0.8	0.4	0.000393369	2.74096E-05	0.000744284
Ofi	W14	75	70	0.8	0.4	0.000417549	2.73402E-05	0.000739255
Ofi	W15	75	70	0.8	0.4	0.000520577	1.72892E-05	0.000743027
Ofi	W16	75	70	0.8	0.4	0.000252134	3.33797E-05	0.00075
Ofi	W01	75	70	0.94	0.2	0.000245223	1.94278E-05	0.000617918
Ofi	W02	75	70	0.94	0.2	0.000369327	1.96045E-05	0.000710677
Ofi	W03	75	70	0.94	0.2	0.000344856	1.69998E-05	0.000598857
Ofi	W04	75	70	0.94	0.2	0.000362759	1.46529E-05	0.000657293
Ofi	W05	75	70	0.94	0.2	0.000388756	1.65614E-05	0.000687769
Ofi	W06	75	70	0.94	0.2	0.000424374	1.01216E-05	0.000694765
Ofi	W07	75	70	0.94	0.2	0.000430684	8.86961E-06	0.000664906



## Zone Deadband db

Ofi	W08	75	70	0.94	0.2	0.000443769	9.35166E-06	0.000770976
Ofi	W09	75	70	0.94	0.2	0.000429107	1.09754E-05	0.000795096
Ofi	W10	75	70	0.94	0.2	0.000430513	1.10965E-05	0.000733482
Ofi	W11	75	70	0.94	0.2	0.000374403	1.71754E-05	0.000784294
Ofi	W12	75	70	0.94	0.2	0.000371745	1.76667E-05	0.000722108
Ofi	W13	75	70	0.94	0.2	0.000412644	1.47557E-05	0.000755087
Ofi	W14	75	70	0.94	0.2	0.000436995	1.55314E-05	0.000757659
Ofi	W15	75	70	0.94	0.2	0.000512363	7.07411E-06	0.000756973
Ofi	W16	75	70	0.94	0.2	0.000267945	2.1122E-05	0.000719536
Ofi	W01	75	70	0.94	0.3	0.000256233	2.50308E-05	0.000644593
Ofi	W02	75	70	0.94	0.3	0.000375158	2.49593E-05	0.000715078
Ofi	W03	75	70	0.94	0.3	0.000353705	2.25008E-05	0.000608379
Ofi	W04	75	70	0.94	0.3	0.000379033	1.99728E-05	0.000656664
Ofi	W05	75	70	0.94	0.3	0.000408203	2.23504E-05	0.000696028
Ofi	W06	75	70	0.94	0.3	0.000439533	1.52734E-05	0.000703641
Ofi	W07	75	70	0.94	0.3	0.000438641	1.3639E-05	0.000665564
Ofi	W08	75	70	0.94	0.3	0.000465719	1.45748E-05	0.000777949
Ofi	W09	75	70	0.94	0.3	0.000453629	1.74797E-05	0.000790066
Ofi	W10	75	70	0.94	0.3	0.000439413	1.64966E-05	0.00073291
Ofi	W11	75	70	0.94	0.3	0.000391294	2.15608E-05	0.000773548
Ofi	W12	75	70	0.94	0.3	0.000376632	2.28258E-05	0.000727138
Ofi	W13	75	70	0.94	0.3	0.000421664	1.90538E-05	0.000741141
Ofi	W14	75	70	0.94	0.3	0.000444626	1.95251E-05	0.000743656
Ofi	W15	75	70	0.94	0.3	0.000523904	1.03506E-05	0.000759545
Ofi	W16	75	70	0.94	0.3	0.000284048	2.48602E-05	0.000716392
Ofi	W01	75	70	0.94	0.4	0.000243028	3.16722E-05	0.000577909
Ofi	W02	75	70	0.94	0.4	0.000358849	2.97748E-05	0.000736054
Ofi	W03	75	70	0.94	0.4	0.000353087	2.93912E-05	0.000637626
Ofi	W04	75	70	0.94	0.4	0.000388893	2.54195E-05	0.000659179
Ofi	W05	75	70	0.94	0.4	0.000404859	2.94985E-05	0.000723948
Ofi	W06	75	70	0.94	0.4	0.00043967	2.20464E-05	0.000729035
Ofi	W07	75	70	0.94	0.4	0.000436412	2.08656E-05	0.000693467
Ofi	W08	75	70	0.94	0.4	0.000469766	2.05662E-05	0.000776692
Ofi	W09	75	70	0.94	0.4	0.000454281	2.41831E-05	0.000795725
Ofi	W10	75	70	0.94	0.4	0.00043125	2.25355E-05	0.000737311
Ofi	W11	75	70	0.94	0.4	0.000375741	2.5544E-05	0.000772234
Ofi	W12	75	70	0.94	0.4	0.000354991	2.70936E-05	0.000758916
Ofi	W13	75	70	0.94	0.4	0.000393369	2.33283E-05	0.000744284
Ofi	W14	75	70	0.94	0.4	0.000417549	2.32691E-05	0.000739255
Ofi	W15	75	70	0.94	0.4	0.000520577	1.47154E-05	0.000743027
Ofi	W16	75	70	0.94	0.4	0.000252134	2.84085E-05	0.00075
Ofi	W01	85	70	0.8	0.2	0.000232328	1.27557E-05	0.000675074
Ofi	W02	85	70	0.8	0.2	0.000293634	1.69883E-05	0.000649028
Ofi	W03	85	70	0.8	0.2	0.000297012	1.31166E-05	0.000515672
Ofi	W04	85	70	0.8	0.2	0.000297509	1.20603E-05	0.000584877
Ofi	W05	85	70	0.8	0.2	0.00031783	1.32267E-05	0.00061665
Ofi	W06	85	70	0.8	0.2	0.000356894	7.39999E-06	0.000743661
Ofi	W07	85	70	0.8	0.2	0.000362742	6.28228E-06	0.00057664
Ofi	W08	85	70	0.8	0.2	0.000354768	7.22013E-06	0.000730304
Ofi	W09	85	70	0.8	0.2	0.000322272	8.67751E-06	0.000703024
Ofi	W10	85	70	0.8	0.2	0.000323695	8.57865E-06	0.000659196
Ofi	W11	85	70	0.8	0.2	0.000299293	1.56911E-05	0.000734791
Ofi	W12	85	70	0.8	0.2	0.000293788	1.57388E-05	0.000654773
Ofi	W13	85	70	0.8	0.2	0.000316373	1.28901E-05	0.000690306
Ofi	W14	85	70	0.8	0.2	0.000339866	1.04474E-05	0.000665575
Ofi	W15	85	70	0.8	0.2	0.000392203	3.9234E-06	0.000699869
Ofi	W16	85	70	0.8	0.2	0.000242222	1.51929E-05	0.000628081
Ofi	W01	85	70	0.8	0.3	0.000265339	1.83956E-05	0.000605853
Ofi	W02	85	70	0.8	0.3	0.000326662	2.30793E-05	0.000659808
Ofi	W03	85	70	0.8	0.3	0.000332629	1.86317E-05	0.0005252
Ofi	W04	85	70	0.8	0.3	0.000334378	1.6703E-05	0.000581744
Ofi	W05	85	70	0.8	0.3	0.000358592	1.90539E-05	0.000624268
Ofi	W06	85	70	0.8	0.3	0.000392443	1.19716E-05	0.000755733
Ofi	W07	85	70	0.8	0.3	0.000395513	1.04027E-05	0.000579184
Ofi	W08	85	70	0.8	0.3	0.000390797	1.11988E-05	0.000738557
Ofi	W09	85	70	0.8	0.3	0.000354957	1.45434E-05	0.000702366
Ofi	W10	85	70	0.8	0.3	0.000350378	1.39276E-05	0.000661711
Ofi	W11	85	70	0.8	0.3	0.000343416	2.12028E-05	0.000720165
Ofi	W12	85	70	0.8	0.3	0.000318653	2.14837E-05	0.000662369
Ofi	W13	85	70	0.8	0.3	0.000350772	1.81179E-05	0.00067636
Ofi	W14	85	70	0.8	0.3	0.000362039	1.49229E-05	0.000654098
Ofi	W15	85	70	0.8	0.3	0.000418063	7.21578E-06	0.00068966
Ofi	W16	85	70	0.8	0.3	0.000268957	1.98147E-05	0.000617918



Zone Deadband db

Ofi	W01	85	70	0.8	0.4	0.000284562	2.52599E-05	0.000716987
Ofi	W02	85	70	0.8	0.4	0.000350258	2.97917E-05	0.00070747
Ofi	W03	85	70	0.8	0.4	0.000359004	2.54268E-05	0.00055695
Ofi	W04	85	70	0.8	0.4	0.000367046	2.32466E-05	0.000611551
Ofi	W05	85	70	0.8	0.4	0.000389665	2.61164E-05	0.000659831
Ofi	W06	85	70	0.8	0.4	0.00042235	1.87288E-05	0.000783676
Ofi	W07	85	70	0.8	0.4	0.000419229	1.73745E-05	0.000605853
Ofi	W08	85	70	0.8	0.4	0.000427838	1.77862E-05	0.000747497
Ofi	W09	85	70	0.8	0.4	0.00039457	2.24741E-05	0.00072652
Ofi	W10	85	70	0.8	0.4	0.000388979	2.1351E-05	0.000689655
Ofi	W11	85	70	0.8	0.4	0.000356723	2.70245E-05	0.000736054
Ofi	W12	85	70	0.8	0.4	0.000340861	2.80232E-05	0.000709362
Ofi	W13	85	70	0.8	0.4	0.000364834	2.43828E-05	0.000709345
Ofi	W14	85	70	0.8	0.4	0.00038747	2.07461E-05	0.000652195
Ofi	W15	85	70	0.8	0.4	0.00043516	1.27825E-05	0.000700457
Ofi	W16	85	70	0.8	0.4	0.00029245	2.52062E-05	0.000659831
Ofi	W01	85	70	0.94	0.2	0.000232328	1.08578E-05	0.000675074
Ofi	W02	85	70	0.94	0.2	0.000293634	1.44599E-05	0.000649028
Ofi	W03	85	70	0.94	0.2	0.000297012	1.11649E-05	0.000515672
Ofi	W04	85	70	0.94	0.2	0.000297509	1.02658E-05	0.000584877
Ofi	W05	85	70	0.94	0.2	0.00031783	1.12587E-05	0.00061665
Ofi	W06	85	70	0.94	0.2	0.000356894	6.29977E-06	0.000743661
Ofi	W07	85	70	0.94	0.2	0.000362742	5.34856E-06	0.00057664
Ofi	W08	85	70	0.94	0.2	0.000354768	6.14669E-06	0.000730304
Ofi	W09	85	70	0.94	0.2	0.000322272	7.38702E-06	0.000703024
Ofi	W10	85	70	0.94	0.2	0.000323695	7.30286E-06	0.000659196
Ofi	W11	85	70	0.94	0.2	0.000299293	1.33558E-05	0.000734791
Ofi	W12	85	70	0.94	0.2	0.000293788	1.33963E-05	0.000654773
Ofi	W13	85	70	0.94	0.2	0.000316373	1.09719E-05	0.000690306
Ofi	W14	85	70	0.94	0.2	0.000339866	8.89331E-06	0.000665575
Ofi	W15	85	70	0.94	0.2	0.000392203	3.34089E-06	0.000699869
Ofi	W16	85	70	0.94	0.2	0.000242222	1.29317E-05	0.000628081
Ofi	W01	85	70	0.94	0.3	0.000265339	1.56576E-05	0.000605853
Ofi	W02	85	70	0.94	0.3	0.000326662	1.96434E-05	0.000659808
Ofi	W03	85	70	0.94	0.3	0.000332629	1.58583E-05	0.0005252
Ofi	W04	85	70	0.94	0.3	0.000334378	1.42169E-05	0.000581744
Ofi	W05	85	70	0.94	0.3	0.000358592	1.62176E-05	0.000624268
Ofi	W06	85	70	0.94	0.3	0.000392443	1.01902E-05	0.000755733
Ofi	W07	85	70	0.94	0.3	0.000395513	8.85514E-06	0.000579184
Ofi	W08	85	70	0.94	0.3	0.000390797	9.53261E-06	0.000738557
Ofi	W09	85	70	0.94	0.3	0.000354957	1.23791E-05	0.000702366
Ofi	W10	85	70	0.94	0.3	0.000350378	1.1855E-05	0.000661711
Ofi	W11	85	70	0.94	0.3	0.000343416	1.80463E-05	0.000720165
Ofi	W12	85	70	0.94	0.3	0.000318653	1.82854E-05	0.000662369
Ofi	W13	85	70	0.94	0.3	0.000350772	1.5421E-05	0.00067636
Ofi	W14	85	70	0.94	0.3	0.000362039	1.27019E-05	0.000654098
Ofi	W15	85	70	0.94	0.3	0.000418063	6.14278E-06	0.00068966
Ofi	W16	85	70	0.94	0.3	0.000268957	1.6865E-05	0.000617918
Ofi	W01	85	70	0.94	0.4	0.000284562	2.1499E-05	0.000716987
Ofi	W02	85	70	0.94	0.4	0.000350258	2.53557E-05	0.00070747
Ofi	W03	85	70	0.94	0.4	0.000359004	2.16409E-05	0.00055695
Ofi	W04	85	70	0.94	0.4	0.000367046	1.97855E-05	0.000611551
Ofi	W05	85	70	0.94	0.4	0.000389665	2.22279E-05	0.000659831
Ofi	W06	85	70	0.94	0.4	0.00042235	1.5941E-05	0.000783676
Ofi	W07	85	70	0.94	0.4	0.000419229	1.47883E-05	0.000605853
Ofi	W08	85	70	0.94	0.4	0.000427838	1.51387E-05	0.000747497
Ofi	W09	85	70	0.94	0.4	0.00039457	1.91282E-05	0.00072652
Ofi	W10	85	70	0.94	0.4	0.000388979	1.81725E-05	0.000689655
Ofi	W11	85	70	0.94	0.4	0.000356723	2.30004E-05	0.000736054
Ofi	W12	85	70	0.94	0.4	0.000340861	2.38505E-05	0.000709362
Ofi	W13	85	70	0.94	0.4	0.000364834	2.07523E-05	0.000709345
Ofi	W14	85	70	0.94	0.4	0.00038747	1.76575E-05	0.000652195
Ofi	W15	85	70	0.94	0.4	0.00043516	1.08801E-05	0.000700457
Ofi	W16	85	70	0.94	0.4	0.00029245	2.14529E-05	0.000659831
Ofi	W01	96	70	0.8	0.2	0.00016514	1.17528E-05	0.000413432
Ofi	W02	96	70	0.8	0.2	0.000193932	1.44789E-05	0.000473125
Ofi	W03	96	70	0.8	0.2	0.00020573	1.23732E-05	0.000354367
Ofi	W04	96	70	0.8	0.2	0.000198957	1.1115E-05	0.000402629
Ofi	W05	96	70	0.8	0.2	0.000219158	1.19781E-05	0.000441369
Ofi	W06	96	70	0.8	0.2	0.000250694	7.46208E-06	0.000501069
Ofi	W07	96	70	0.8	0.2	0.000256044	6.46992E-06	0.000411523
Ofi	W08	96	70	0.8	0.2	0.000244006	7.01358E-06	0.000479475
Ofi	W09	96	70	0.8	0.2	0.000229601	7.85746E-06	0.000492175

## Zone Deadband db

Ofi	W10	96	70	0.8	0.2	0.000227801	8.37532E-06	0.000477572
Ofi	W11	96	70	0.8	0.2	0.000186816	1.28074E-05	0.000519484
Ofi	W12	96	70	0.8	0.2	0.0001744	1.29203E-05	0.000459785
Ofi	W13	96	70	0.8	0.2	0.000199849	1.07359E-05	0.000481379
Ofi	W14	96	70	0.8	0.2	0.000211544	9.7235E-06	0.000459156
Ofi	W15	96	70	0.8	0.2	0.000252409	3.54036E-06	0.000521388
Ofi	W16	96	70	0.8	0.2	0.000152347	1.25832E-05	0.00040771
Ofi	W01	96	70	0.8	0.3	0.000184672	1.51141E-05	0.000430578
Ofi	W02	96	70	0.8	0.3	0.000213636	1.89958E-05	0.000469313
Ofi	W03	96	70	0.8	0.3	0.000226943	1.69613E-05	0.00036961
Ofi	W04	96	70	0.8	0.3	0.00022564	1.49024E-05	0.000408979
Ofi	W05	96	70	0.8	0.3	0.00024747	1.70595E-05	0.000454075
Ofi	W06	96	70	0.8	0.3	0.000272644	1.12635E-05	0.000508688
Ofi	W07	96	70	0.8	0.3	0.00027393	1.0162E-05	0.000421051
Ofi	W08	96	70	0.8	0.3	0.000264224	1.07035E-05	0.000478841
Ofi	W09	96	70	0.8	0.3	0.000250402	1.30572E-05	0.000492175
Ofi	W10	96	70	0.8	0.3	0.0002527	1.31051E-05	0.000480744
Ofi	W11	96	70	0.8	0.3	0.00020285	1.63537E-05	0.000500429
Ofi	W12	96	70	0.8	0.3	0.00019112	1.64345E-05	0.00046106
Ofi	W13	96	70	0.8	0.3	0.000218798	1.39079E-05	0.000475663
Ofi	W14	96	70	0.8	0.3	0.000232156	1.2883E-05	0.000459785
Ofi	W15	96	70	0.8	0.3	0.000273484	6.09553E-06	0.000513134
Ofi	W16	96	70	0.8	0.3	0.000166803	1.57471E-05	0.000412157
Ofi	W01	96	70	0.8	0.4	0.000201358	1.96976E-05	0.000455344
Ofi	W02	96	70	0.8	0.4	0.00022919	2.38038E-05	0.000508048
Ofi	W03	96	70	0.8	0.4	0.000248653	2.22279E-05	0.00039565
Ofi	W04	96	70	0.8	0.4	0.000248413	2.02335E-05	0.000441369
Ofi	W05	96	70	0.8	0.4	0.000270397	2.32911E-05	0.00048011
Ofi	W06	96	70	0.8	0.4	0.000298075	1.73021E-05	0.000543616
Ofi	W07	96	70	0.8	0.4	0.000297664	1.64511E-05	0.000450897
Ofi	W08	96	70	0.8	0.4	0.000288078	1.66157E-05	0.000501069
Ofi	W09	96	70	0.8	0.4	0.000275782	2.02358E-05	0.000524566
Ofi	W10	96	70	0.8	0.4	0.00027724	1.97787E-05	0.00050615
Ofi	W11	96	70	0.8	0.4	0.00020916	2.0703E-05	0.000519484
Ofi	W12	96	70	0.8	0.4	0.000207668	2.0779E-05	0.000492175
Ofi	W13	96	70	0.8	0.4	0.000234643	1.80696E-05	0.000481379
Ofi	W14	96	70	0.8	0.4	0.000246921	1.67259E-05	0.00044836
Ofi	W15	96	70	0.8	0.4	0.000288455	9.65832E-06	0.00050615
Ofi	W16	96	70	0.8	0.4	0.000174074	1.91387E-05	0.000453441
Ofi	W01	96	70	0.94	0.2	0.00016514	1.00042E-05	0.000413432
Ofi	W02	96	70	0.94	0.2	0.000193932	1.23243E-05	0.000473125
Ofi	W03	96	70	0.94	0.2	0.00020573	1.05321E-05	0.000354367
Ofi	W04	96	70	0.94	0.2	0.000198957	9.46137E-06	0.000402629
Ofi	W05	96	70	0.94	0.2	0.000219158	1.0196E-05	0.000441369
Ofi	W06	96	70	0.94	0.2	0.000250694	6.35268E-06	0.000501069
Ofi	W07	96	70	0.94	0.2	0.000256044	5.5083E-06	0.000411523
Ofi	W08	96	70	0.94	0.2	0.000244006	5.97097E-06	0.000479475
Ofi	W09	96	70	0.94	0.2	0.000229601	6.68916E-06	0.000492175
Ofi	W10	96	70	0.94	0.2	0.000227801	7.12985E-06	0.000477572
Ofi	W11	96	70	0.94	0.2	0.000186816	1.09013E-05	0.000519484
Ofi	W12	96	70	0.94	0.2	0.0001744	1.09975E-05	0.000459785
Ofi	W13	96	70	0.94	0.2	0.000199849	9.13862E-06	0.000481379
Ofi	W14	96	70	0.94	0.2	0.000211544	8.27705E-06	0.000459156
Ofi	W15	96	70	0.94	0.2	0.000252409	3.01508E-06	0.000521388
Ofi	W16	96	70	0.94	0.2	0.000152347	1.07103E-05	0.00040771
Ofi	W01	96	70	0.94	0.3	0.000184672	1.28645E-05	0.000430578
Ofi	W02	96	70	0.94	0.3	0.000213636	1.61678E-05	0.000469313
Ofi	W03	96	70	0.94	0.3	0.000226943	1.44365E-05	0.00036961
Ofi	W04	96	70	0.94	0.3	0.00022564	1.26844E-05	0.000408979
Ofi	W05	96	70	0.94	0.3	0.00024747	1.45202E-05	0.000454075
Ofi	W06	96	70	0.94	0.3	0.000272644	9.5877E-06	0.000508688
Ofi	W07	96	70	0.94	0.3	0.00027393	8.65026E-06	0.000421051
Ofi	W08	96	70	0.94	0.3	0.000264224	9.11101E-06	0.000478841
Ofi	W09	96	70	0.94	0.3	0.000250402	1.11141E-05	0.000492175
Ofi	W10	96	70	0.94	0.3	0.0002527	1.11549E-05	0.000480744
Ofi	W11	96	70	0.94	0.3	0.00020285	1.39191E-05	0.000500429
Ofi	W12	96	70	0.94	0.3	0.00019112	1.3988E-05	0.00046106
Ofi	W13	96	70	0.94	0.3	0.000218798	1.18379E-05	0.000475663
Ofi	W14	96	70	0.94	0.3	0.000232156	1.09658E-05	0.000459785
Ofi	W15	96	70	0.94	0.3	0.000273484	5.18949E-06	0.000513134
Ofi	W16	96	70	0.94	0.3	0.000166803	1.34029E-05	0.000412157
Ofi	W01	96	70	0.94	0.4	0.000201358	1.67649E-05	0.000455344
Ofi	W02	96	70	0.94	0.4	0.00022919	2.02592E-05	0.000508048

## Zone Deadband db

Ofi	W03	96	70	0.94	0.4	0.000248653	1.89182E-05	0.00039565
Ofi	W04	96	70	0.94	0.4	0.000248413	1.72208E-05	0.000441369
Ofi	W05	96	70	0.94	0.4	0.000270397	1.9823E-05	0.00048011
Ofi	W06	96	70	0.94	0.4	0.000298075	1.47262E-05	0.000543616
Ofi	W07	96	70	0.94	0.4	0.000297664	1.40021E-05	0.000450897
Ofi	W08	96	70	0.94	0.4	0.000288078	1.41421E-05	0.000501069
Ofi	W09	96	70	0.94	0.4	0.000275782	1.7223E-05	0.000524566
Ofi	W10	96	70	0.94	0.4	0.00027724	1.68339E-05	0.00050615
Ofi	W11	96	70	0.94	0.4	0.00020916	1.76202E-05	0.000519484
Ofi	W12	96	70	0.94	0.4	0.000207668	1.76848E-05	0.000492175
Ofi	W13	96	70	0.94	0.4	0.000234643	1.53793E-05	0.000481379
Ofi	W14	96	70	0.94	0.4	0.000246921	1.42357E-05	0.00044836
Ofi	W15	96	70	0.94	0.4	0.000288455	8.22133E-06	0.00050615
Ofi	W16	96	70	0.94	0.4	0.000174074	1.62887E-05	0.000453441
Ofi	W01	3	70	0.8	0.2	0.000253609	9.93345E-06	0.000336586
Ofi	W02	3	70	0.8	0.2	0.000191566	8.92855E-06	0.000328326
Ofi	W03	3	70	0.8	0.2	0.000267979	1.06381E-05	0.000256567
Ofi	W04	3	70	0.8	0.2	0.000250711	9.87878E-06	0.000308642
Ofi	W05	3	70	0.8	0.2	0.000261755	1.07651E-05	0.000297211
Ofi	W06	3	70	0.8	0.2	0.000254535	6.57573E-06	0.000320073
Ofi	W07	3	70	0.8	0.2	0.000231985	5.42294E-06	0.000288957
Ofi	W08	3	70	0.8	0.2	0.000233854	6.19277E-06	0.000337854
Ofi	W09	3	70	0.8	0.2	0.000228812	7.44464E-06	0.000364523
Ofi	W10	3	70	0.8	0.2	0.000194893	4.66398E-06	0.000329595
Ofi	W11	3	70	0.8	0.2	0.000198511	9.42725E-06	0.000362626
Ofi	W12	3	70	0.8	0.2	0.000194361	8.70413E-06	0.000330235
Ofi	W13	3	70	0.8	0.2	0.00020988	7.78831E-06	0.000339763
Ofi	W14	3	70	0.8	0.2	0.000191068	8.64349E-06	0.000326423
Ofi	W15	3	70	0.8	0.2	0.000200517	2.81482E-06	0.000386123
Ofi	W16	3	70	0.8	0.2	0.000145762	1.15587E-05	0.000285145
Ofi	W01	3	70	0.8	0.3	0.000294251	1.66098E-05	0.000352458
Ofi	W02	3	70	0.8	0.3	0.000224542	1.51905E-05	0.000325789
Ofi	W03	3	70	0.8	0.3	0.000310559	1.85523E-05	0.000263552
Ofi	W04	3	70	0.8	0.3	0.000293891	1.67432E-05	0.000308008
Ofi	W05	3	70	0.8	0.3	0.000303305	1.8571E-05	0.000303561
Ofi	W06	3	70	0.8	0.3	0.000289226	1.28057E-05	0.000328326
Ofi	W07	3	70	0.8	0.3	0.000263727	1.16517E-05	0.000288317
Ofi	W08	3	70	0.8	0.3	0.000262904	1.20487E-05	0.000338489
Ofi	W09	3	70	0.8	0.3	0.000271786	1.58335E-05	0.00036326
Ofi	W10	3	70	0.8	0.3	0.000227886	1.02187E-05	0.000335951
Ofi	W11	3	70	0.8	0.3	0.000221233	1.53209E-05	0.000356904
Ofi	W12	3	70	0.8	0.3	0.000226686	1.47887E-05	0.000327692
Ofi	W13	3	70	0.8	0.3	0.000232654	1.31028E-05	0.000341661
Ofi	W14	3	70	0.8	0.3	0.000212024	1.32072E-05	0.000328967
Ofi	W15	3	70	0.8	0.3	0.00022065	6.10172E-06	0.000382945
Ofi	W16	3	70	0.8	0.3	0.000169873	1.76843E-05	0.000283876
Ofi	W01	3	70	0.8	0.4	0.000334207	2.56798E-05	0.000400732
Ofi	W02	3	70	0.8	0.4	0.0002533	2.28825E-05	0.000353732
Ofi	W03	3	70	0.8	0.4	0.000344565	2.78342E-05	0.000260374
Ofi	W04	3	70	0.8	0.4	0.000327433	2.54283E-05	0.000320073
Ofi	W05	3	70	0.8	0.4	0.000329457	2.7322E-05	0.000312454
Ofi	W06	3	70	0.8	0.4	0.000324432	2.1052E-05	0.000367067
Ofi	W07	3	70	0.8	0.4	0.000295897	1.98856E-05	0.000300389
Ofi	W08	3	70	0.8	0.4	0.000293925	2.01002E-05	0.000351823
Ofi	W09	3	70	0.8	0.4	0.000302671	2.39362E-05	0.000374057
Ofi	W10	3	70	0.8	0.4	0.000263607	1.75776E-05	0.000342936
Ofi	W11	3	70	0.8	0.4	0.000239564	2.30214E-05	0.000375326
Ofi	W12	3	70	0.8	0.4	0.00025577	2.27436E-05	0.000348651
Ofi	W13	3	70	0.8	0.4	0.000257725	2.0607E-05	0.000345473
Ofi	W14	3	70	0.8	0.4	0.000231059	1.95951E-05	0.000323885
Ofi	W15	3	70	0.8	0.4	0.000239101	1.08103E-05	0.000378498
Ofi	W16	3	70	0.8	0.4	0.000187707	2.50948E-05	0.000311185
Ofi	W01	3	70	0.94	0.2	0.000253609	8.45493E-06	0.000336586
Ofi	W02	3	70	0.94	0.2	0.000191566	7.59963E-06	0.000328326
Ofi	W03	3	70	0.94	0.2	0.000267979	9.05457E-06	0.000256567
Ofi	W04	3	70	0.94	0.2	0.000250711	8.40835E-06	0.000308642
Ofi	W05	3	70	0.94	0.2	0.000261755	9.16266E-06	0.000297211
Ofi	W06	3	70	0.94	0.2	0.000254535	5.5973E-06	0.000320073
Ofi	W07	3	70	0.94	0.2	0.000231985	4.6162E-06	0.000288957
Ofi	W08	3	70	0.94	0.2	0.000233854	5.27138E-06	0.000337854
Ofi	W09	3	70	0.94	0.2	0.000228812	6.33678E-06	0.000364523
Ofi	W10	3	70	0.94	0.2	0.000194893	3.97029E-06	0.000329595
Ofi	W11	3	70	0.94	0.2	0.000198511	8.02402E-06	0.000362626

## Zone Deadband db

Ofi	W12	3	70	0.94	0.2	0.000194361	7.40863E-06	0.000330235
Ofi	W13	3	70	0.94	0.2	0.00020988	6.62923E-06	0.000339763
Ofi	W14	3	70	0.94	0.2	0.000191068	7.35703E-06	0.000326423
Ofi	W15	3	70	0.94	0.2	0.000200517	2.39652E-06	0.000386123
Ofi	W16	3	70	0.94	0.2	0.000145762	9.83787E-06	0.000285145
Ofi	W01	3	70	0.94	0.3	0.000294251	1.41368E-05	0.000352458
Ofi	W02	3	70	0.94	0.3	0.000224542	1.29289E-05	0.000325789
Ofi	W03	3	70	0.94	0.3	0.000310559	1.57899E-05	0.000263552
Ofi	W04	3	70	0.94	0.3	0.000293891	1.42503E-05	0.000308008
Ofi	W05	3	70	0.94	0.3	0.000303305	1.58058E-05	0.000303561
Ofi	W06	3	70	0.94	0.3	0.000289226	1.08993E-05	0.000328326
Ofi	W07	3	70	0.94	0.3	0.000263727	9.91721E-06	0.000288317
Ofi	W08	3	70	0.94	0.3	0.000262904	1.0255E-05	0.000338489
Ofi	W09	3	70	0.94	0.3	0.000271786	1.34762E-05	0.00036326
Ofi	W10	3	70	0.94	0.3	0.000227886	8.69765E-06	0.000335951
Ofi	W11	3	70	0.94	0.3	0.000221233	1.30397E-05	0.000356904
Ofi	W12	3	70	0.94	0.3	0.000226686	1.25867E-05	0.000327692
Ofi	W13	3	70	0.94	0.3	0.000232654	1.11521E-05	0.000341661
Ofi	W14	3	70	0.94	0.3	0.000212024	1.1241E-05	0.000328967
Ofi	W15	3	70	0.94	0.3	0.00022065	5.19385E-06	0.000382945
Ofi	W16	3	70	0.94	0.3	0.000169873	1.5051E-05	0.000283876
Ofi	W01	3	70	0.94	0.4	0.000334207	2.18557E-05	0.000400732
Ofi	W02	3	70	0.94	0.4	0.0002533	1.9475E-05	0.000353732
Ofi	W03	3	70	0.94	0.4	0.000344565	2.36892E-05	0.000260374
Ofi	W04	3	70	0.94	0.4	0.000327433	2.16416E-05	0.000320073
Ofi	W05	3	70	0.94	0.4	0.000329457	2.32534E-05	0.000312454
Ofi	W06	3	70	0.94	0.4	0.000324432	1.79172E-05	0.000367067
Ofi	W07	3	70	0.94	0.4	0.000295897	1.69246E-05	0.000300389
Ofi	W08	3	70	0.94	0.4	0.000293925	1.71073E-05	0.000351823
Ofi	W09	3	70	0.94	0.4	0.000302671	2.03719E-05	0.000374057
Ofi	W10	3	70	0.94	0.4	0.000263607	1.49604E-05	0.000342936
Ofi	W11	3	70	0.94	0.4	0.000239564	1.95932E-05	0.000375326
Ofi	W12	3	70	0.94	0.4	0.00025577	1.9357E-05	0.000348651
Ofi	W13	3	70	0.94	0.4	0.000257725	1.75385E-05	0.000345473
Ofi	W14	3	70	0.94	0.4	0.000231059	1.66774E-05	0.000323885
Ofi	W15	3	70	0.94	0.4	0.000239101	9.20101E-06	0.000378498
Ofi	W16	3	70	0.94	0.4	0.000187707	2.13576E-05	0.000311185
Ofi	W01	5	70	0.8	0.2	0.000212007	9.83716E-06	0.000313083
Ofi	W02	5	70	0.8	0.2	0.000170027	9.17815E-06	0.000316901
Ofi	W03	5	70	0.8	0.2	0.000233168	1.0728E-05	0.000247045
Ofi	W04	5	70	0.8	0.2	0.000225503	9.96826E-06	0.000295936
Ofi	W05	5	70	0.8	0.2	0.000235209	1.08608E-05	0.000286414
Ofi	W06	5	70	0.8	0.2	0.000239753	6.53834E-06	0.000316261
Ofi	W07	5	70	0.8	0.2	0.000223908	5.34366E-06	0.000278795
Ofi	W08	5	70	0.8	0.2	0.00022161	6.16661E-06	0.000321976
Ofi	W09	5	70	0.8	0.2	0.000214065	7.67364E-06	0.000353092
Ofi	W10	5	70	0.8	0.2	0.000184381	4.78371E-06	0.00031753
Ofi	W11	5	70	0.8	0.2	0.000177521	9.58254E-06	0.000351829
Ofi	W12	5	70	0.8	0.2	0.000173714	9.01825E-06	0.000320713
Ofi	W13	5	70	0.8	0.2	0.000189971	7.64104E-06	0.000328967
Ofi	W14	5	70	0.8	0.2	0.000174091	8.58181E-06	0.000312449
Ofi	W15	5	70	0.8	0.2	0.000195133	2.81537E-06	0.000377864
Ofi	W16	5	70	0.8	0.2	0.000129951	1.16503E-05	0.000269902
Ofi	W01	5	70	0.8	0.3	0.000241485	1.64873E-05	0.000329601
Ofi	W02	5	70	0.8	0.3	0.000193075	1.53505E-05	0.000313723
Ofi	W03	5	70	0.8	0.3	0.000265802	1.85616E-05	0.000254029
Ofi	W04	5	70	0.8	0.3	0.000255701	1.67702E-05	0.000297211
Ofi	W05	5	70	0.8	0.3	0.000263812	1.84334E-05	0.000290861
Ofi	W06	5	70	0.8	0.3	0.000264738	1.2851E-05	0.000328332
Ofi	W07	5	70	0.8	0.3	0.000246321	1.14455E-05	0.00027943
Ofi	W08	5	70	0.8	0.3	0.000242651	1.21271E-05	0.000323885
Ofi	W09	5	70	0.8	0.3	0.000245944	1.49147E-05	0.000357539
Ofi	W10	5	70	0.8	0.3	0.000206656	1.00248E-05	0.000323251
Ofi	W11	5	70	0.8	0.3	0.00019419	1.54574E-05	0.000347377
Ofi	W12	5	70	0.8	0.3	0.000197859	1.50338E-05	0.00031753
Ofi	W13	5	70	0.8	0.3	0.000207017	1.27529E-05	0.000328332
Ofi	W14	5	70	0.8	0.3	0.000189251	1.31038E-05	0.000314992
Ofi	W15	5	70	0.8	0.3	0.000210549	6.00192E-06	0.000372788
Ofi	W16	5	70	0.8	0.3	0.00014902	1.76506E-05	0.000274348
Ofi	W01	5	70	0.8	0.4	0.000268854	2.51034E-05	0.000363254
Ofi	W02	5	70	0.8	0.4	0.000213087	2.27543E-05	0.000341027
Ofi	W03	5	70	0.8	0.4	0.000287957	2.74449E-05	0.000258471
Ofi	W04	5	70	0.8	0.4	0.000282161	2.5062E-05	0.000309917

## Zone Deadband db

Ofi	W05	5	70	0.8	0.4	0.000281904	2.68013E-05	0.000303567
Ofi	W06	5	70	0.8	0.4	0.000288043	2.08594E-05	0.000361351
Ofi	W07	5	70	0.8	0.4	0.000267928	1.96228E-05	0.000294033
Ofi	W08	5	70	0.8	0.4	0.00026419	2.00258E-05	0.00033722
Ofi	W09	5	70	0.8	0.4	0.000267242	2.31184E-05	0.000364529
Ofi	W10	5	70	0.8	0.4	0.000231676	1.72397E-05	0.00033023
Ofi	W11	5	70	0.8	0.4	0.000206965	2.28651E-05	0.000365163
Ofi	W12	5	70	0.8	0.4	0.000216054	2.26703E-05	0.00033786
Ofi	W13	5	70	0.8	0.4	0.00022672	1.99026E-05	0.00033786
Ofi	W14	5	70	0.8	0.4	0.000201683	1.93778E-05	0.000308008
Ofi	W15	5	70	0.8	0.4	0.000222519	1.05768E-05	0.000371513
Ofi	W16	5	70	0.8	0.4	0.00015744	2.45969E-05	0.000300389
Ofi	W01	5	70	0.94	0.2	0.000212007	8.37294E-06	0.000313083
Ofi	W02	5	70	0.94	0.2	0.000170027	7.81206E-06	0.000316901
Ofi	W03	5	70	0.94	0.2	0.000233168	9.13107E-06	0.000247045
Ofi	W04	5	70	0.94	0.2	0.000225503	8.48449E-06	0.000295936
Ofi	W05	5	70	0.94	0.2	0.000235209	9.2441E-06	0.000286414
Ofi	W06	5	70	0.94	0.2	0.000239753	5.56549E-06	0.000316261
Ofi	W07	5	70	0.94	0.2	0.000223908	4.54872E-06	0.000278795
Ofi	W08	5	70	0.94	0.2	0.00022161	5.24912E-06	0.000321976
Ofi	W09	5	70	0.94	0.2	0.000214065	6.53169E-06	0.000353092
Ofi	W10	5	70	0.94	0.2	0.000184381	4.07218E-06	0.00031753
Ofi	W11	5	70	0.94	0.2	0.000177521	8.15617E-06	0.000351829
Ofi	W12	5	70	0.94	0.2	0.000173714	7.67597E-06	0.000320713
Ofi	W13	5	70	0.94	0.2	0.000189971	6.50389E-06	0.000328967
Ofi	W14	5	70	0.94	0.2	0.000174091	7.30454E-06	0.000312449
Ofi	W15	5	70	0.94	0.2	0.000195133	2.397E-06	0.000377864
Ofi	W16	5	70	0.94	0.2	0.000129951	9.91577E-06	0.000269902
Ofi	W01	5	70	0.94	0.3	0.000241485	1.40325E-05	0.000329601
Ofi	W02	5	70	0.94	0.3	0.000193075	1.30651E-05	0.000313723
Ofi	W03	5	70	0.94	0.3	0.000265802	1.57978E-05	0.000254029
Ofi	W04	5	70	0.94	0.3	0.000255701	1.42733E-05	0.000297211
Ofi	W05	5	70	0.94	0.3	0.000263812	1.56887E-05	0.000290861
Ofi	W06	5	70	0.94	0.3	0.000264738	1.09378E-05	0.000328332
Ofi	W07	5	70	0.94	0.3	0.000246321	9.7417E-06	0.00027943
Ofi	W08	5	70	0.94	0.3	0.000242651	1.03217E-05	0.000323885
Ofi	W09	5	70	0.94	0.3	0.000245944	1.26941E-05	0.000357539
Ofi	W10	5	70	0.94	0.3	0.000206656	8.53257E-06	0.000323251
Ofi	W11	5	70	0.94	0.3	0.00019419	1.31559E-05	0.000347377
Ofi	W12	5	70	0.94	0.3	0.000197859	1.27955E-05	0.00031753
Ofi	W13	5	70	0.94	0.3	0.000207017	1.08543E-05	0.000328332
Ofi	W14	5	70	0.94	0.3	0.000189251	1.11528E-05	0.000314992
Ofi	W15	5	70	0.94	0.3	0.000210549	5.1089E-06	0.000372788
Ofi	W16	5	70	0.94	0.3	0.00014902	1.50222E-05	0.000274348
Ofi	W01	5	70	0.94	0.4	0.000268854	2.1365E-05	0.000363254
Ofi	W02	5	70	0.94	0.4	0.000213087	1.9366E-05	0.000341027
Ofi	W03	5	70	0.94	0.4	0.000287957	2.33579E-05	0.000258471
Ofi	W04	5	70	0.94	0.4	0.000282161	2.13299E-05	0.000309917
Ofi	W05	5	70	0.94	0.4	0.000281904	2.28102E-05	0.000303567
Ofi	W06	5	70	0.94	0.4	0.000288043	1.77534E-05	0.000361351
Ofi	W07	5	70	0.94	0.4	0.000267928	1.67009E-05	0.000294033
Ofi	W08	5	70	0.94	0.4	0.00026419	1.70438E-05	0.00033722
Ofi	W09	5	70	0.94	0.4	0.000267242	1.9676E-05	0.000364529
Ofi	W10	5	70	0.94	0.4	0.000231676	1.46729E-05	0.00033023
Ofi	W11	5	70	0.94	0.4	0.000206965	1.94602E-05	0.000365163
Ofi	W12	5	70	0.94	0.4	0.000216054	1.92942E-05	0.00033786
Ofi	W13	5	70	0.94	0.4	0.00022672	1.6939E-05	0.00033786
Ofi	W14	5	70	0.94	0.4	0.000201683	1.64925E-05	0.000308008
Ofi	W15	5	70	0.94	0.4	0.000222519	9.00229E-06	0.000371513
Ofi	W16	5	70	0.94	0.4	0.00015744	2.0934E-05	0.000300389
Ofi	W01	75	72	0.8	0.2	0.00019659	2.62443E-05	0.00041406
Ofi	W02	75	72	0.8	0.2	0.000294697	2.60702E-05	0.000569021
Ofi	W03	75	72	0.8	0.2	0.000287855	2.37748E-05	0.00046677
Ofi	W04	75	72	0.8	0.2	0.000300373	2.13207E-05	0.000523891
Ofi	W05	75	72	0.8	0.2	0.000321586	2.35121E-05	0.000522022
Ofi	W06	75	72	0.8	0.2	0.000335219	1.66902E-05	0.000518187
Ofi	W07	75	72	0.8	0.2	0.000334773	1.47388E-05	0.00050427
Ofi	W08	75	72	0.8	0.2	0.000350944	1.57176E-05	0.000584248
Ofi	W09	75	72	0.8	0.2	0.000350755	1.80228E-05	0.000605224
Ofi	W10	75	72	0.8	0.2	0.000347463	1.73375E-05	0.000590592
Ofi	W11	75	72	0.8	0.2	0.000293291	2.36428E-05	0.000635059
Ofi	W12	75	72	0.8	0.2	0.000298864	2.45534E-05	0.000586134
Ofi	W13	75	72	0.8	0.2	0.000310696	2.00935E-05	0.000602023

## Zone Deadband db

Ofi	W14	75	72	0.8	0.2	0.000336711	2.08951E-05	0.000620428
Ofi	W15	75	72	0.8	0.2	0.000378176	1.09216E-05	0.000664266
Ofi	W16	75	72	0.8	0.2	0.000186078	2.61979E-05	0.000560745
Ofi	W01	75	72	0.8	0.3	0.000210806	3.48034E-05	0.000366432
Ofi	W02	75	72	0.8	0.3	0.000303786	3.31966E-05	0.000590586
Ofi	W03	75	72	0.8	0.3	0.000297509	3.29197E-05	0.000481373
Ofi	W04	75	72	0.8	0.3	0.000310371	2.8887E-05	0.000539152
Ofi	W05	75	72	0.8	0.3	0.000340758	3.25631E-05	0.000541735
Ofi	W06	75	72	0.8	0.3	0.000361284	2.47868E-05	0.000551852
Ofi	W07	75	72	0.8	0.3	0.000356483	2.37264E-05	0.000529664
Ofi	W08	75	72	0.8	0.3	0.000367509	2.34062E-05	0.000593793
Ofi	W09	75	72	0.8	0.3	0.000370184	2.70369E-05	0.000615969
Ofi	W10	75	72	0.8	0.3	0.000370802	2.5762E-05	0.00059505
Ofi	W11	75	72	0.8	0.3	0.000298932	2.92757E-05	0.000628715
Ofi	W12	75	72	0.8	0.3	0.000309324	3.08524E-05	0.000600137
Ofi	W13	75	72	0.8	0.3	0.00033527	2.66602E-05	0.000595736
Ofi	W14	75	72	0.8	0.3	0.00033371	2.64783E-05	0.000609682
Ofi	W15	75	72	0.8	0.3	0.000401755	1.70019E-05	0.00067061
Ofi	W16	75	72	0.8	0.3	0.000188102	3.10762E-05	0.000577269
Ofi	W01	75	72	0.8	0.4	0.000186816	4.21654E-05	0.000506144
Ofi	W02	75	72	0.8	0.4	0.000272798	3.94362E-05	0.000647771
Ofi	W03	75	72	0.8	0.4	0.000276965	4.10482E-05	0.000534071
Ofi	W04	75	72	0.8	0.4	0.000298624	3.66666E-05	0.000572188
Ofi	W05	75	72	0.8	0.4	0.000322374	4.12963E-05	0.000576629
Ofi	W06	75	72	0.8	0.4	0.00035079	3.44892E-05	0.000600772
Ofi	W07	75	72	0.8	0.4	0.000348354	3.39161E-05	0.000563329
Ofi	W08	75	72	0.8	0.4	0.000380971	3.30114E-05	0.000631859
Ofi	W09	75	72	0.8	0.4	0.00036859	3.69122E-05	0.000644604
Ofi	W10	75	72	0.8	0.4	0.000350841	3.4738E-05	0.000624257
Ofi	W11	75	72	0.8	0.4	0.000289912	3.60794E-05	0.000649063
Ofi	W12	75	72	0.8	0.4	0.000277908	3.70824E-05	0.000670039
Ofi	W13	75	72	0.8	0.4	0.000306101	3.41658E-05	0.000633116
Ofi	W14	75	72	0.8	0.4	0.000308879	3.23638E-05	0.000620485
Ofi	W15	75	72	0.8	0.4	0.000398925	2.49253E-05	0.000650949
Ofi	W16	75	72	0.8	0.4	0.000151541	3.56984E-05	0.000622365
Ofi	W01	75	72	0.94	0.2	0.00019659	2.23371E-05	0.00041406
Ofi	W02	75	72	0.94	0.2	0.000294697	2.2189E-05	0.000569021
Ofi	W03	75	72	0.94	0.2	0.000287855	2.02356E-05	0.00046677
Ofi	W04	75	72	0.94	0.2	0.000300373	1.81469E-05	0.000523891
Ofi	W05	75	72	0.94	0.2	0.000321586	2.00121E-05	0.000522022
Ofi	W06	75	72	0.94	0.2	0.000335219	1.42062E-05	0.000518187
Ofi	W07	75	72	0.94	0.2	0.000334773	1.25455E-05	0.00050427
Ofi	W08	75	72	0.94	0.2	0.000350944	1.33785E-05	0.000584248
Ofi	W09	75	72	0.94	0.2	0.000350755	1.53403E-05	0.000605224
Ofi	W10	75	72	0.94	0.2	0.000347463	1.4757E-05	0.000590592
Ofi	W11	75	72	0.94	0.2	0.000293291	2.01229E-05	0.000635059
Ofi	W12	75	72	0.94	0.2	0.000298864	2.08981E-05	0.000586134
Ofi	W13	75	72	0.94	0.2	0.000310696	1.71023E-05	0.000602023
Ofi	W14	75	72	0.94	0.2	0.000336711	1.77847E-05	0.000620428
Ofi	W15	75	72	0.94	0.2	0.000378176	9.29669E-06	0.000664266
Ofi	W16	75	72	0.94	0.2	0.000186078	2.22972E-05	0.000560745
Ofi	W01	75	72	0.94	0.3	0.000210806	2.96208E-05	0.000366432
Ofi	W02	75	72	0.94	0.3	0.000303786	2.82533E-05	0.000590586
Ofi	W03	75	72	0.94	0.3	0.000297509	2.8018E-05	0.000481373
Ofi	W04	75	72	0.94	0.3	0.000310371	2.45858E-05	0.000539152
Ofi	W05	75	72	0.94	0.3	0.000340758	2.77147E-05	0.000541735
Ofi	W06	75	72	0.94	0.3	0.000361284	2.10967E-05	0.000551852
Ofi	W07	75	72	0.94	0.3	0.000356483	2.01942E-05	0.000529664
Ofi	W08	75	72	0.94	0.3	0.000367509	1.99217E-05	0.000593793
Ofi	W09	75	72	0.94	0.3	0.000370184	2.30115E-05	0.000615969
Ofi	W10	75	72	0.94	0.3	0.000370802	2.19266E-05	0.00059505
Ofi	W11	75	72	0.94	0.3	0.000298932	2.49166E-05	0.000628715
Ofi	W12	75	72	0.94	0.3	0.000309324	2.62585E-05	0.000600137
Ofi	W13	75	72	0.94	0.3	0.00033527	2.26905E-05	0.000595736
Ofi	W14	75	72	0.94	0.3	0.00033371	2.25359E-05	0.000609682
Ofi	W15	75	72	0.94	0.3	0.000401755	1.44711E-05	0.00067061
Ofi	W16	75	72	0.94	0.3	0.000188102	2.64483E-05	0.000577269
Ofi	W01	75	72	0.94	0.4	0.000186816	3.58858E-05	0.000506144
Ofi	W02	75	72	0.94	0.4	0.000272798	3.35632E-05	0.000647771
Ofi	W03	75	72	0.94	0.4	0.000276965	3.49351E-05	0.000534071
Ofi	W04	75	72	0.94	0.4	0.000298624	3.12063E-05	0.000572188
Ofi	W05	75	72	0.94	0.4	0.000322374	3.51465E-05	0.000576629
Ofi	W06	75	72	0.94	0.4	0.00035079	2.93535E-05	0.000600772



## Zone Deadband db

Ofi	W07	75	72	0.94	0.4	0.000348354	2.88657E-05	0.000563329
Ofi	W08	75	72	0.94	0.4	0.000380971	2.80958E-05	0.000631859
Ofi	W09	75	72	0.94	0.4	0.00036859	3.14156E-05	0.000644604
Ofi	W10	75	72	0.94	0.4	0.000350841	2.95652E-05	0.000624257
Ofi	W11	75	72	0.94	0.4	0.000289912	3.07064E-05	0.000649063
Ofi	W12	75	72	0.94	0.4	0.000277908	3.15601E-05	0.000670039
Ofi	W13	75	72	0.94	0.4	0.000306101	2.9078E-05	0.000633116
Ofi	W14	75	72	0.94	0.4	0.000308879	2.75442E-05	0.000620485
Ofi	W15	75	72	0.94	0.4	0.000398925	2.12141E-05	0.000650949
Ofi	W16	75	72	0.94	0.4	0.000151541	3.03816E-05	0.000622365
Ofi	W01	85	72	0.8	0.2	0.00015293	1.7021E-05	0.000407082
Ofi	W02	85	72	0.8	0.2	0.000197448	2.08317E-05	0.000465506
Ofi	W03	85	72	0.8	0.2	0.000205593	1.78118E-05	0.000373417
Ofi	W04	85	72	0.8	0.2	0.00021367	1.58945E-05	0.000419776
Ofi	W05	85	72	0.8	0.2	0.000228418	1.7805E-05	0.000438192
Ofi	W06	85	72	0.8	0.2	0.000250882	1.17976E-05	0.000515672
Ofi	W07	85	72	0.8	0.2	0.000247573	1.01304E-05	0.000412157
Ofi	W08	85	72	0.8	0.2	0.000249802	1.07181E-05	0.000498525
Ofi	W09	85	72	0.8	0.2	0.000219981	1.28893E-05	0.000502961
Ofi	W10	85	72	0.8	0.2	0.000232414	1.25902E-05	0.000482636
Ofi	W11	85	72	0.8	0.2	0.000204444	1.90982E-05	0.00053602
Ofi	W12	85	72	0.8	0.2	0.000205233	1.96229E-05	0.000484574
Ofi	W13	85	72	0.8	0.2	0.000211304	1.57812E-05	0.000494702
Ofi	W14	85	72	0.8	0.2	0.000223719	1.32781E-05	0.000471222
Ofi	W15	85	72	0.8	0.2	0.000248362	6.45037E-06	0.000533471
Ofi	W16	85	72	0.8	0.2	0.000153445	1.77955E-05	0.000443278
Ofi	W01	85	72	0.8	0.3	0.000180677	2.42502E-05	0.000351829
Ofi	W02	85	72	0.8	0.3	0.000234283	2.81713E-05	0.000502972
Ofi	W03	85	72	0.8	0.3	0.000243337	2.44127E-05	0.00039501
Ofi	W04	85	72	0.8	0.3	0.000247881	2.23773E-05	0.00043946
Ofi	W05	85	72	0.8	0.3	0.000264087	2.52789E-05	0.000461694
Ofi	W06	85	72	0.8	0.3	0.000281698	1.85444E-05	0.000548062
Ofi	W07	85	72	0.8	0.3	0.000283893	1.75022E-05	0.000442004
Ofi	W08	85	72	0.8	0.3	0.000284013	1.7472E-05	0.00051885
Ofi	W09	85	72	0.8	0.3	0.000267225	2.14873E-05	0.000533482
Ofi	W10	85	72	0.8	0.3	0.000265784	2.04728E-05	0.000504875
Ofi	W11	85	72	0.8	0.3	0.000242754	2.60381E-05	0.000526486
Ofi	W12	85	72	0.8	0.3	0.000239204	2.6981E-05	0.000512506
Ofi	W13	85	72	0.8	0.3	0.000251243	2.33423E-05	0.000494725
Ofi	W14	85	72	0.8	0.3	0.000249751	1.98455E-05	0.000468044
Ofi	W15	85	72	0.8	0.3	0.000287563	1.22665E-05	0.000523268
Ofi	W16	85	72	0.8	0.3	0.000175069	2.39359E-05	0.000455979
Ofi	W01	85	72	0.8	0.4	0.00020501	3.34433E-05	0.000488369
Ofi	W02	85	72	0.8	0.4	0.000257485	3.64831E-05	0.00055124
Ofi	W03	85	72	0.8	0.4	0.000267825	3.36927E-05	0.000413426
Ofi	W04	85	72	0.8	0.4	0.000274582	3.07325E-05	0.000463586
Ofi	W05	85	72	0.8	0.4	0.00029041	3.49727E-05	0.00050615
Ofi	W06	85	72	0.8	0.4	0.000317367	2.73338E-05	0.000602681
Ofi	W07	85	72	0.8	0.4	0.000322769	2.66736E-05	0.00049281
Ofi	W08	85	72	0.8	0.4	0.000325341	2.67173E-05	0.000553778
Ofi	W09	85	72	0.8	0.4	0.000311228	3.1625E-05	0.000561374
Ofi	W10	85	72	0.8	0.4	0.000299087	2.96772E-05	0.000538563
Ofi	W11	85	72	0.8	0.4	0.000268905	3.43081E-05	0.000555664
Ofi	W12	85	72	0.8	0.4	0.000262423	3.51734E-05	0.000580453
Ofi	W13	85	72	0.8	0.4	0.000277325	3.21326E-05	0.000560105
Ofi	W14	85	72	0.8	0.4	0.000286826	2.86921E-05	0.00050615
Ofi	W15	85	72	0.8	0.4	0.000317264	2.05616E-05	0.000518856
Ofi	W16	85	72	0.8	0.4	0.000192972	2.99768E-05	0.000506144
Ofi	W01	85	72	0.94	0.2	0.00015293	1.44877E-05	0.000407082
Ofi	W02	85	72	0.94	0.2	0.000197448	1.77307E-05	0.000465506
Ofi	W03	85	72	0.94	0.2	0.000205593	1.51606E-05	0.000373417
Ofi	W04	85	72	0.94	0.2	0.00021367	1.3529E-05	0.000419776
Ofi	W05	85	72	0.94	0.2	0.000228418	1.51549E-05	0.000438192
Ofi	W06	85	72	0.94	0.2	0.000250882	1.00423E-05	0.000515672
Ofi	W07	85	72	0.94	0.2	0.000247573	8.62353E-06	0.000412157
Ofi	W08	85	72	0.94	0.2	0.000249802	9.12372E-06	0.000498525
Ofi	W09	85	72	0.94	0.2	0.000219981	1.09713E-05	0.000502961
Ofi	W10	85	72	0.94	0.2	0.000232414	1.07169E-05	0.000482636
Ofi	W11	85	72	0.94	0.2	0.000204444	1.62554E-05	0.00053602
Ofi	W12	85	72	0.94	0.2	0.000205233	1.67019E-05	0.000484574
Ofi	W13	85	72	0.94	0.2	0.000211304	1.34324E-05	0.000494702
Ofi	W14	85	72	0.94	0.2	0.000223719	1.13024E-05	0.000471222
Ofi	W15	85	72	0.94	0.2	0.000248362	5.49156E-06	0.000533471



## Zone Deadband db

Ofi	W16	85	72	0.94	0.2	0.000153445	1.51466E-05	0.000443278
Ofi	W01	85	72	0.94	0.3	0.000180677	2.06398E-05	0.000351829
Ofi	W02	85	72	0.94	0.3	0.000234283	2.39768E-05	0.000502972
Ofi	W03	85	72	0.94	0.3	0.000243337	2.07782E-05	0.00039501
Ofi	W04	85	72	0.94	0.3	0.000247881	1.90459E-05	0.00043946
Ofi	W05	85	72	0.94	0.3	0.000264087	2.15154E-05	0.000461694
Ofi	W06	85	72	0.94	0.3	0.000281698	1.57841E-05	0.000548062
Ofi	W07	85	72	0.94	0.3	0.000283893	1.48971E-05	0.000442004
Ofi	W08	85	72	0.94	0.3	0.000284013	1.48715E-05	0.00051885
Ofi	W09	85	72	0.94	0.3	0.000267225	1.82886E-05	0.000533482
Ofi	W10	85	72	0.94	0.3	0.000265784	1.74252E-05	0.000504875
Ofi	W11	85	72	0.94	0.3	0.000242754	2.21611E-05	0.000526486
Ofi	W12	85	72	0.94	0.3	0.000239204	2.29637E-05	0.000512506
Ofi	W13	85	72	0.94	0.3	0.000251243	1.9867E-05	0.000494725
Ofi	W14	85	72	0.94	0.3	0.000249751	1.68913E-05	0.000468044
Ofi	W15	85	72	0.94	0.3	0.000287563	1.04413E-05	0.000523268
Ofi	W16	85	72	0.94	0.3	0.000175069	2.03717E-05	0.000455979
Ofi	W01	85	72	0.94	0.4	0.00020501	2.84632E-05	0.000488369
Ofi	W02	85	72	0.94	0.4	0.000257485	3.10501E-05	0.00055124
Ofi	W03	85	72	0.94	0.4	0.000267825	2.86755E-05	0.000413426
Ofi	W04	85	72	0.94	0.4	0.000274582	2.61563E-05	0.000463586
Ofi	W05	85	72	0.94	0.4	0.00029041	2.97648E-05	0.00050615
Ofi	W06	85	72	0.94	0.4	0.000317367	2.3264E-05	0.000602681
Ofi	W07	85	72	0.94	0.4	0.000322769	2.2702E-05	0.00049281
Ofi	W08	85	72	0.94	0.4	0.000325341	2.27394E-05	0.000553778
Ofi	W09	85	72	0.94	0.4	0.000311228	2.69158E-05	0.000561374
Ofi	W10	85	72	0.94	0.4	0.000299087	2.52582E-05	0.000538563
Ofi	W11	85	72	0.94	0.4	0.000268905	2.91991E-05	0.000555664
Ofi	W12	85	72	0.94	0.4	0.000262423	2.99356E-05	0.000580453
Ofi	W13	85	72	0.94	0.4	0.000277325	2.73477E-05	0.000560105
Ofi	W14	85	72	0.94	0.4	0.000286826	2.44199E-05	0.00050615
Ofi	W15	85	72	0.94	0.4	0.000317264	1.75006E-05	0.000518856
Ofi	W16	85	72	0.94	0.4	0.000192972	2.55127E-05	0.000506144
Ofi	W01	96	72	0.8	0.2	0.000102651	1.46163E-05	0.000295307
Ofi	W02	96	72	0.8	0.2	0.00013333	1.70901E-05	0.000342936
Ofi	W03	96	72	0.8	0.2	0.000146088	1.58322E-05	0.000266095
Ofi	W04	96	72	0.8	0.2	0.000135816	1.4048E-05	0.000307367
Ofi	W05	96	72	0.8	0.2	0.000161642	1.58731E-05	0.000331504
Ofi	W06	96	72	0.8	0.2	0.000179596	1.10266E-05	0.00036326
Ofi	W07	96	72	0.8	0.2	0.000183317	9.7354E-06	0.000306104
Ofi	W08	96	72	0.8	0.2	0.000176201	1.00978E-05	0.000351189
Ofi	W09	96	72	0.8	0.2	0.00016586	1.1313E-05	0.000361991
Ofi	W10	96	72	0.8	0.2	0.000153976	1.17315E-05	0.000355007
Ofi	W11	96	72	0.8	0.2	0.000132609	1.51744E-05	0.000374051
Ofi	W12	96	72	0.8	0.2	0.000119474	1.56573E-05	0.00034357
Ofi	W13	96	72	0.8	0.2	0.000140309	1.27434E-05	0.000347382
Ofi	W14	96	72	0.8	0.2	0.000139331	1.16726E-05	0.000313723
Ofi	W15	96	72	0.8	0.2	0.000167369	5.4698E-06	0.000394376
Ofi	W16	96	72	0.8	0.2	9.46768E-05	1.39112E-05	0.000294039
Ofi	W01	96	72	0.8	0.3	0.000121394	1.95202E-05	0.00033023
Ofi	W02	96	72	0.8	0.3	0.000152622	2.26542E-05	0.000372148
Ofi	W03	96	72	0.8	0.3	0.000164471	2.18431E-05	0.000293398
Ofi	W04	96	72	0.8	0.3	0.00016454	1.96568E-05	0.000319433
Ofi	W05	96	72	0.8	0.3	0.000182477	2.2631E-05	0.000357539
Ofi	W06	96	72	0.8	0.3	0.000203021	1.70656E-05	0.000389295
Ofi	W07	96	72	0.8	0.3	0.000205062	1.60461E-05	0.000329601
Ofi	W08	96	72	0.8	0.3	0.000199694	1.60661E-05	0.000365163
Ofi	W09	96	72	0.8	0.3	0.000194481	1.89325E-05	0.000383579
Ofi	W10	96	72	0.8	0.3	0.000178722	1.83973E-05	0.000369604
Ofi	W11	96	72	0.8	0.3	0.000143379	1.98391E-05	0.000368336
Ofi	W12	96	72	0.8	0.3	0.000141424	2.04887E-05	0.000367701
Ofi	W13	96	72	0.8	0.3	0.000148969	1.69402E-05	0.000351189
Ofi	W14	96	72	0.8	0.3	0.000158246	1.59434E-05	0.000327063
Ofi	W15	96	72	0.8	0.3	0.000193418	9.0382E-06	0.000383579
Ofi	W16	96	72	0.8	0.3	0.00011318	1.79582E-05	0.000310545
Ofi	W01	96	72	0.8	0.4	0.000140395	2.53032E-05	0.000378498
Ofi	W02	96	72	0.8	0.4	0.000165946	2.92335E-05	0.000410888
Ofi	W03	96	72	0.8	0.4	0.000186644	2.8815E-05	0.000306104
Ofi	W04	96	72	0.8	0.4	0.000191189	2.6541E-05	0.000351195
Ofi	W05	96	72	0.8	0.4	0.000202164	2.89487E-05	0.000389929
Ofi	W06	96	72	0.8	0.4	0.000228452	2.43454E-05	0.000443913
Ofi	W07	96	72	0.8	0.4	0.000226069	2.37849E-05	0.000373417
Ofi	W08	96	72	0.8	0.4	0.000225125	2.36548E-05	0.000399457

## Zone Deadband db

Ofi	W09	96	72	0.8	0.4	0.00022065	2.68414E-05	0.000429304
Ofi	W10	96	72	0.8	0.4	0.000213379	2.60165E-05	0.000406441
Ofi	W11	96	72	0.8	0.4	0.000149758	2.56336E-05	0.000399457
Ofi	W12	96	72	0.8	0.4	0.000157835	2.65303E-05	0.000428669
Ofi	W13	96	72	0.8	0.4	0.00016977	2.34519E-05	0.00038866
Ofi	W14	96	72	0.8	0.4	0.000184261	2.19444E-05	0.000357545
Ofi	W15	96	72	0.8	0.4	0.000213139	1.4445E-05	0.000391198
Ofi	W16	96	72	0.8	0.4	0.000119268	2.31487E-05	0.000353092
Ofi	W01	96	72	0.94	0.2	0.000102651	1.24411E-05	0.000295307
Ofi	W02	96	72	0.94	0.2	0.00013333	1.45463E-05	0.000342936
Ofi	W03	96	72	0.94	0.2	0.000146088	1.3476E-05	0.000266095
Ofi	W04	96	72	0.94	0.2	0.000135816	1.19574E-05	0.000307367
Ofi	W05	96	72	0.94	0.2	0.000161642	1.35107E-05	0.000331504
Ofi	W06	96	72	0.94	0.2	0.000179596	9.38626E-06	0.00036326
Ofi	W07	96	72	0.94	0.2	0.000183317	8.28737E-06	0.000306104
Ofi	W08	96	72	0.94	0.2	0.000176201	8.59575E-06	0.000351189
Ofi	W09	96	72	0.94	0.2	0.00016586	9.62992E-06	0.000361991
Ofi	W10	96	72	0.94	0.2	0.000153976	9.98613E-06	0.000355007
Ofi	W11	96	72	0.94	0.2	0.000132609	1.29157E-05	0.000374051
Ofi	W12	96	72	0.94	0.2	0.000119474	1.33268E-05	0.00034357
Ofi	W13	96	72	0.94	0.2	0.000140309	1.0847E-05	0.000347382
Ofi	W14	96	72	0.94	0.2	0.000139331	9.93594E-06	0.000313723
Ofi	W15	96	72	0.94	0.2	0.000167369	4.65714E-06	0.000394376
Ofi	W16	96	72	0.94	0.2	9.46768E-05	1.18403E-05	0.000294039
Ofi	W01	96	72	0.94	0.3	0.000121394	1.6614E-05	0.00033023
Ofi	W02	96	72	0.94	0.3	0.000152622	1.92812E-05	0.000372148
Ofi	W03	96	72	0.94	0.3	0.000164471	1.85909E-05	0.000293398
Ofi	W04	96	72	0.94	0.3	0.00016454	1.67302E-05	0.000319433
Ofi	W05	96	72	0.94	0.3	0.000182477	1.92615E-05	0.000357539
Ofi	W06	96	72	0.94	0.3	0.000203021	1.45253E-05	0.000389295
Ofi	W07	96	72	0.94	0.3	0.000205062	1.36577E-05	0.000329601
Ofi	W08	96	72	0.94	0.3	0.000199694	1.36746E-05	0.000365163
Ofi	W09	96	72	0.94	0.3	0.000194481	1.61142E-05	0.000383579
Ofi	W10	96	72	0.94	0.3	0.000178722	1.56586E-05	0.000369604
Ofi	W11	96	72	0.94	0.3	0.000143379	1.68853E-05	0.000368336
Ofi	W12	96	72	0.94	0.3	0.000141424	1.7438E-05	0.000367701
Ofi	W13	96	72	0.94	0.3	0.000148969	1.44182E-05	0.000351189
Ofi	W14	96	72	0.94	0.3	0.000158246	1.35702E-05	0.000327063
Ofi	W15	96	72	0.94	0.3	0.000193418	7.69379E-06	0.000383579
Ofi	W16	96	72	0.94	0.3	0.00011318	1.52843E-05	0.000310545
Ofi	W01	96	72	0.94	0.4	0.000140395	2.1535E-05	0.000378498
Ofi	W02	96	72	0.94	0.4	0.000165946	2.48797E-05	0.000410888
Ofi	W03	96	72	0.94	0.4	0.000186644	2.45237E-05	0.000306104
Ofi	W04	96	72	0.94	0.4	0.000191189	2.25884E-05	0.000351195
Ofi	W05	96	72	0.94	0.4	0.000202164	2.46373E-05	0.000389929
Ofi	W06	96	72	0.94	0.4	0.000228452	2.07202E-05	0.000443913
Ofi	W07	96	72	0.94	0.4	0.000226069	2.02432E-05	0.000373417
Ofi	W08	96	72	0.94	0.4	0.000225125	2.01324E-05	0.000399457
Ofi	W09	96	72	0.94	0.4	0.00022065	2.28442E-05	0.000429304
Ofi	W10	96	72	0.94	0.4	0.000213379	2.21423E-05	0.000406441
Ofi	W11	96	72	0.94	0.4	0.000149758	2.1816E-05	0.000399457
Ofi	W12	96	72	0.94	0.4	0.000157835	2.25791E-05	0.000428669
Ofi	W13	96	72	0.94	0.4	0.00016977	1.99594E-05	0.00038866
Ofi	W14	96	72	0.94	0.4	0.000184261	1.86767E-05	0.000357545
Ofi	W15	96	72	0.94	0.4	0.000213139	1.22947E-05	0.000391198
Ofi	W16	96	72	0.94	0.4	0.000119268	1.9701E-05	0.000353092
Ofi	W01	3	72	0.8	0.2	0.000254861	1.28655E-05	0.000287689
Ofi	W02	3	72	0.8	0.2	0.000173697	1.1118E-05	0.000238786
Ofi	W03	3	72	0.8	0.2	0.000246235	1.43228E-05	0.000182899
Ofi	W04	3	72	0.8	0.2	0.000228486	1.25339E-05	0.00022037
Ofi	W05	3	72	0.8	0.2	0.000234677	1.42831E-05	0.000194965
Ofi	W06	3	72	0.8	0.2	0.000215985	9.27725E-06	0.00023307
Ofi	W07	3	72	0.8	0.2	0.000194275	7.95188E-06	0.00020068
Ofi	W08	3	72	0.8	0.2	0.000191274	8.46384E-06	0.000231802
Ofi	W09	3	72	0.8	0.2	0.000193229	1.17225E-05	0.000248943
Ofi	W10	3	72	0.8	0.2	0.000158161	6.8003E-06	0.000242598
Ofi	W11	3	72	0.8	0.2	0.000161007	1.12619E-05	0.000267364
Ofi	W12	3	72	0.8	0.2	0.00016526	1.07938E-05	0.00023243
Ofi	W13	3	72	0.8	0.2	0.000172411	9.32463E-06	0.000244502
Ofi	W14	3	72	0.8	0.2	0.000154011	9.97082E-06	0.000224811
Ofi	W15	3	72	0.8	0.2	0.000134633	4.10677E-06	0.000294673
Ofi	W16	3	72	0.8	0.2	0.000120262	1.32925E-05	0.00018798
Ofi	W01	3	72	0.8	0.3	0.000287683	2.07058E-05	0.000323251

## Zone Deadband db

Ofi	W02	3	72	0.8	0.3	0.000201838	1.87975E-05	0.000237511
Ofi	W03	3	72	0.8	0.3	0.000279606	2.33799E-05	0.00018798
Ofi	W04	3	72	0.8	0.3	0.00026088	2.08841E-05	0.000229264
Ofi	W05	3	72	0.8	0.3	0.0002687	2.29399E-05	0.000201949
Ofi	W06	3	72	0.8	0.3	0.000255187	1.74008E-05	0.000261014
Ofi	W07	3	72	0.8	0.3	0.000232722	1.6514E-05	0.000212746
Ofi	W08	3	72	0.8	0.3	0.000225383	1.6372E-05	0.00023942
Ofi	W09	3	72	0.8	0.3	0.000229447	2.02476E-05	0.000261008
Ofi	W10	3	72	0.8	0.3	0.000193161	1.40652E-05	0.000242593
Ofi	W11	3	72	0.8	0.3	0.000189199	1.85583E-05	0.000257202
Ofi	W12	3	72	0.8	0.3	0.000193435	1.82288E-05	0.000238152
Ofi	W13	3	72	0.8	0.3	0.000193023	1.62545E-05	0.000243233
Ofi	W14	3	72	0.8	0.3	0.000173388	1.58719E-05	0.00022608
Ofi	W15	3	72	0.8	0.3	0.000161796	8.50184E-06	0.000290861
Ofi	W16	3	72	0.8	0.3	0.00014842	2.01654E-05	0.00019433
Ofi	W01	3	72	0.8	0.4	0.000306529	2.9586E-05	0.000378498
Ofi	W02	3	72	0.8	0.4	0.000227183	2.74115E-05	0.000255933
Ofi	W03	3	72	0.8	0.4	0.000298041	3.21166E-05	0.000196868
Ofi	W04	3	72	0.8	0.4	0.000289295	3.02129E-05	0.000232436
Ofi	W05	3	72	0.8	0.4	0.0002877	3.19471E-05	0.000261648
Ofi	W06	3	72	0.8	0.4	0.000282727	2.60777E-05	0.000321348
Ofi	W07	3	72	0.8	0.4	0.000258462	2.54962E-05	0.00024577
Ofi	W08	3	72	0.8	0.4	0.000256044	2.52519E-05	0.000261648
Ofi	W09	3	72	0.8	0.4	0.000263264	2.92042E-05	0.000276252
Ofi	W10	3	72	0.8	0.4	0.00022979	2.25285E-05	0.000255933
Ofi	W11	3	72	0.8	0.4	0.000204719	2.69643E-05	0.000269267
Ofi	W12	3	72	0.8	0.4	0.000219466	2.681E-05	0.000270536
Ofi	W13	3	72	0.8	0.4	0.000216431	2.55073E-05	0.000267998
Ofi	W14	3	72	0.8	0.4	0.00019954	2.37316E-05	0.00023942
Ofi	W15	3	72	0.8	0.4	0.000182066	1.51178E-05	0.000291495
Ofi	W16	3	72	0.8	0.4	0.000166323	2.75705E-05	0.000228624
Ofi	W01	3	72	0.94	0.2	0.000254861	1.09502E-05	0.000287689
Ofi	W02	3	72	0.94	0.2	0.000173697	9.46295E-06	0.000238786
Ofi	W03	3	72	0.94	0.2	0.000246235	1.21904E-05	0.000182899
Ofi	W04	3	72	0.94	0.2	0.000228486	1.0668E-05	0.00022037
Ofi	W05	3	72	0.94	0.2	0.000234677	1.21567E-05	0.000194965
Ofi	W06	3	72	0.94	0.2	0.000215985	7.89643E-06	0.00023307
Ofi	W07	3	72	0.94	0.2	0.000194275	6.76848E-06	0.00020068
Ofi	W08	3	72	0.94	0.2	0.000191274	7.20417E-06	0.000231802
Ofi	W09	3	72	0.94	0.2	0.000193229	9.97747E-06	0.000248943
Ofi	W10	3	72	0.94	0.2	0.000158161	5.78842E-06	0.000242598
Ofi	W11	3	72	0.94	0.2	0.000161007	9.58537E-06	0.000267364
Ofi	W12	3	72	0.94	0.2	0.00016526	9.18705E-06	0.00023243
Ofi	W13	3	72	0.94	0.2	0.000172411	7.93672E-06	0.000244502
Ofi	W14	3	72	0.94	0.2	0.000154011	8.48658E-06	0.000224811
Ofi	W15	3	72	0.94	0.2	0.000134633	3.49606E-06	0.000294673
Ofi	W16	3	72	0.94	0.2	0.000120262	1.13133E-05	0.00018798
Ofi	W01	3	72	0.94	0.3	0.000287683	1.76226E-05	0.000323251
Ofi	W02	3	72	0.94	0.3	0.000201838	1.59985E-05	0.000237511
Ofi	W03	3	72	0.94	0.3	0.000279606	1.98983E-05	0.00018798
Ofi	W04	3	72	0.94	0.3	0.00026088	1.77744E-05	0.000229264
Ofi	W05	3	72	0.94	0.3	0.0002687	1.95239E-05	0.000201949
Ofi	W06	3	72	0.94	0.3	0.000255187	1.481E-05	0.000261014
Ofi	W07	3	72	0.94	0.3	0.000232722	1.40551E-05	0.000212746
Ofi	W08	3	72	0.94	0.3	0.000225383	1.39344E-05	0.00023942
Ofi	W09	3	72	0.94	0.3	0.000229447	1.72328E-05	0.000261008
Ofi	W10	3	72	0.94	0.3	0.000193161	1.19711E-05	0.000242593
Ofi	W11	3	72	0.94	0.3	0.000189199	1.57949E-05	0.000257202
Ofi	W12	3	72	0.94	0.3	0.000193435	1.55145E-05	0.000238152
Ofi	W13	3	72	0.94	0.3	0.000193023	1.38343E-05	0.000243233
Ofi	W14	3	72	0.94	0.3	0.000173388	1.35087E-05	0.00022608
Ofi	W15	3	72	0.94	0.3	0.000161796	7.23644E-06	0.000290861
Ofi	W16	3	72	0.94	0.3	0.00014842	1.71624E-05	0.00019433
Ofi	W01	3	72	0.94	0.4	0.000306529	2.518E-05	0.000378498
Ofi	W02	3	72	0.94	0.4	0.000227183	2.33293E-05	0.000255933
Ofi	W03	3	72	0.94	0.4	0.000298041	2.73336E-05	0.000196868
Ofi	W04	3	72	0.94	0.4	0.000289295	2.57135E-05	0.000232436
Ofi	W05	3	72	0.94	0.4	0.0002877	2.71894E-05	0.000261648
Ofi	W06	3	72	0.94	0.4	0.000282727	2.21942E-05	0.000321348
Ofi	W07	3	72	0.94	0.4	0.000258462	2.16994E-05	0.00024577
Ofi	W08	3	72	0.94	0.4	0.000256044	2.14914E-05	0.000261648
Ofi	W09	3	72	0.94	0.4	0.000263264	2.48552E-05	0.000276252
Ofi	W10	3	72	0.94	0.4	0.00022979	1.91738E-05	0.000255933

Zone Deadband db

Ofi	W11	3	72	0.94	0.4	0.000204719	2.29489E-05	0.000269267
Ofi	W12	3	72	0.94	0.4	0.000219466	2.28175E-05	0.000270536
Ofi	W13	3	72	0.94	0.4	0.000216431	2.17089E-05	0.000267998
Ofi	W14	3	72	0.94	0.4	0.00019954	2.01976E-05	0.00023942
Ofi	W15	3	72	0.94	0.4	0.000182066	1.28669E-05	0.000291495
Ofi	W16	3	72	0.94	0.4	0.000166323	2.34645E-05	0.000228624
Ofi	W01	5	72	0.8	0.2	0.000201786	1.28452E-05	0.000281339
Ofi	W02	5	72	0.8	0.2	0.000145248	1.13751E-05	0.00023243
Ofi	W03	5	72	0.8	0.2	0.000207805	1.45271E-05	0.000181624
Ofi	W04	5	72	0.8	0.2	0.000195321	1.27839E-05	0.00021973
Ofi	W05	5	72	0.8	0.2	0.000203913	1.42566E-05	0.000196868
Ofi	W06	5	72	0.8	0.2	0.000203878	9.24635E-06	0.000240689
Ofi	W07	5	72	0.8	0.2	0.000188239	8.40672E-06	0.00020068
Ofi	W08	5	72	0.8	0.2	0.00018138	8.56392E-06	0.000226086
Ofi	W09	5	72	0.8	0.2	0.000177075	1.0879E-05	0.000248308
Ofi	W10	5	72	0.8	0.2	0.000148712	6.8601E-06	0.000235614
Ofi	W11	5	72	0.8	0.2	0.000140498	1.14339E-05	0.000259739
Ofi	W12	5	72	0.8	0.2	0.000142727	1.09939E-05	0.000229258
Ofi	W13	5	72	0.8	0.2	0.000152296	9.20178E-06	0.000236877
Ofi	W14	5	72	0.8	0.2	0.000135953	1.01498E-05	0.00021973
Ofi	W15	5	72	0.8	0.2	0.000135302	4.02024E-06	0.000287689
Ofi	W16	5	72	0.8	0.2	0.000106321	1.32213E-05	0.000182899
Ofi	W01	5	72	0.8	0.3	0.000221233	2.04151E-05	0.000313723
Ofi	W02	5	72	0.8	0.3	0.000168124	1.87194E-05	0.000234974
Ofi	W03	5	72	0.8	0.3	0.000230407	2.33108E-05	0.000189883
Ofi	W04	5	72	0.8	0.3	0.000220598	2.06616E-05	0.000225452
Ofi	W05	5	72	0.8	0.3	0.000228178	2.26241E-05	0.000210842
Ofi	W06	5	72	0.8	0.3	0.000227698	1.7221E-05	0.000264826
Ofi	W07	5	72	0.8	0.3	0.000216448	1.6417E-05	0.000215924
Ofi	W08	5	72	0.8	0.3	0.00020772	1.63123E-05	0.000237511
Ofi	W09	5	72	0.8	0.3	0.000205199	1.92012E-05	0.000254664
Ofi	W10	5	72	0.8	0.3	0.000174983	1.3941E-05	0.000237511
Ofi	W11	5	72	0.8	0.3	0.000160836	1.85479E-05	0.000254029
Ofi	W12	5	72	0.8	0.3	0.000163048	1.83927E-05	0.000238152
Ofi	W13	5	72	0.8	0.3	0.000167078	1.57443E-05	0.00023942
Ofi	W14	5	72	0.8	0.3	0.00015269	1.58454E-05	0.000221639
Ofi	W15	5	72	0.8	0.3	0.000155108	8.41828E-06	0.000280698
Ofi	W16	5	72	0.8	0.3	0.000128888	1.97503E-05	0.000194965
Ofi	W01	5	72	0.8	0.4	0.000232379	2.86576E-05	0.000346748
Ofi	W02	5	72	0.8	0.4	0.000187639	2.69356E-05	0.000251486
Ofi	W03	5	72	0.8	0.4	0.000242943	3.11817E-05	0.000195605
Ofi	W04	5	72	0.8	0.4	0.000242428	2.93416E-05	0.000234979
Ofi	W05	5	72	0.8	0.4	0.000239736	3.10523E-05	0.000255293
Ofi	W06	5	72	0.8	0.4	0.000247436	2.55239E-05	0.000306739
Ofi	W07	5	72	0.8	0.4	0.00023039	2.48554E-05	0.000249583
Ofi	W08	5	72	0.8	0.4	0.000226394	2.49296E-05	0.000263557
Ofi	W09	5	72	0.8	0.4	0.000231007	2.85771E-05	0.000274983
Ofi	W10	5	72	0.8	0.4	0.000201426	2.1954E-05	0.000251486
Ofi	W11	5	72	0.8	0.4	0.000170285	2.64754E-05	0.000269267
Ofi	W12	5	72	0.8	0.4	0.000184655	2.63711E-05	0.000271805
Ofi	W13	5	72	0.8	0.4	0.000183918	2.43759E-05	0.000269907
Ofi	W14	5	72	0.8	0.4	0.000172342	2.34005E-05	0.000238146
Ofi	W15	5	72	0.8	0.4	0.000170679	1.48925E-05	0.000283876
Ofi	W16	5	72	0.8	0.4	0.000140326	2.66416E-05	0.00022608
Ofi	W01	5	72	0.94	0.2	0.000201786	1.09329E-05	0.000281339
Ofi	W02	5	72	0.94	0.2	0.000145248	9.68176E-06	0.00023243
Ofi	W03	5	72	0.94	0.2	0.000207805	1.23643E-05	0.000181624
Ofi	W04	5	72	0.94	0.2	0.000195321	1.08807E-05	0.00021973
Ofi	W05	5	72	0.94	0.2	0.000203913	1.2134E-05	0.000196868
Ofi	W06	5	72	0.94	0.2	0.000203878	7.87011E-06	0.000240689
Ofi	W07	5	72	0.94	0.2	0.000188239	7.15557E-06	0.00020068
Ofi	W08	5	72	0.94	0.2	0.00018138	7.28934E-06	0.000226086
Ofi	W09	5	72	0.94	0.2	0.000177075	9.2596E-06	0.000248308
Ofi	W10	5	72	0.94	0.2	0.000148712	5.8393E-06	0.000235614
Ofi	W11	5	72	0.94	0.2	0.000140498	9.7318E-06	0.000259739
Ofi	W12	5	72	0.94	0.2	0.000142727	9.35733E-06	0.000229258
Ofi	W13	5	72	0.94	0.2	0.000152296	7.83213E-06	0.000236877
Ofi	W14	5	72	0.94	0.2	0.000135953	8.63903E-06	0.00021973
Ofi	W15	5	72	0.94	0.2	0.000135302	3.42241E-06	0.000287689
Ofi	W16	5	72	0.94	0.2	0.000106321	1.12526E-05	0.000182899
Ofi	W01	5	72	0.94	0.3	0.000221233	1.7375E-05	0.000313723
Ofi	W02	5	72	0.94	0.3	0.000168124	1.59321E-05	0.000234974
Ofi	W03	5	72	0.94	0.3	0.000230407	1.98396E-05	0.000189883

## Zone Deadband db

Ofi	W04	5	72	0.94	0.3	0.000220598	1.75849E-05	0.000225452
Ofi	W05	5	72	0.94	0.3	0.000228178	1.92551E-05	0.000210842
Ofi	W06	5	72	0.94	0.3	0.000227698	1.4657E-05	0.000264826
Ofi	W07	5	72	0.94	0.3	0.000216448	1.39726E-05	0.000215924
Ofi	W08	5	72	0.94	0.3	0.00020772	1.38835E-05	0.000237511
Ofi	W09	5	72	0.94	0.3	0.000205199	1.63421E-05	0.000254664
Ofi	W10	5	72	0.94	0.3	0.000174983	1.18654E-05	0.000237511
Ofi	W11	5	72	0.94	0.3	0.000160836	1.57861E-05	0.000254029
Ofi	W12	5	72	0.94	0.3	0.000163048	1.5654E-05	0.000238152
Ofi	W13	5	72	0.94	0.3	0.000167078	1.34001E-05	0.00023942
Ofi	W14	5	72	0.94	0.3	0.00015269	1.34861E-05	0.000221639
Ofi	W15	5	72	0.94	0.3	0.000155108	7.16533E-06	0.000280698
Ofi	W16	5	72	0.94	0.3	0.000128888	1.68091E-05	0.000194965
Ofi	W01	5	72	0.94	0.4	0.000232379	2.43896E-05	0.000346748
Ofi	W02	5	72	0.94	0.4	0.000187639	2.29243E-05	0.000251486
Ofi	W03	5	72	0.94	0.4	0.000242943	2.65378E-05	0.000195605
Ofi	W04	5	72	0.94	0.4	0.000242428	2.49718E-05	0.000234979
Ofi	W05	5	72	0.94	0.4	0.000239736	2.64278E-05	0.000255293
Ofi	W06	5	72	0.94	0.4	0.000247436	2.17228E-05	0.000306739
Ofi	W07	5	72	0.94	0.4	0.00023039	2.1154E-05	0.000249583
Ofi	W08	5	72	0.94	0.4	0.000226394	2.12171E-05	0.000263557
Ofi	W09	5	72	0.94	0.4	0.000231007	2.43212E-05	0.000274983
Ofi	W10	5	72	0.94	0.4	0.000201426	1.86849E-05	0.000251486
Ofi	W11	5	72	0.94	0.4	0.000170285	2.25326E-05	0.000269267
Ofi	W12	5	72	0.94	0.4	0.000184655	2.24438E-05	0.000271805
Ofi	W13	5	72	0.94	0.4	0.000183918	2.07458E-05	0.000269907
Ofi	W14	5	72	0.94	0.4	0.000172342	1.99158E-05	0.000238146
Ofi	W15	5	72	0.94	0.4	0.000170679	1.26753E-05	0.000283876
Ofi	W16	5	72	0.94	0.4	0.000140326	2.26737E-05	0.00022608
Ofi	W01	75	74	0.8	0.2	0.000170525	3.03626E-05	0.000241958
Ofi	W02	75	74	0.8	0.2	0.000244212	2.87155E-05	0.000457242
Ofi	W03	75	74	0.8	0.2	0.000241056	2.80265E-05	0.000377864
Ofi	W04	75	74	0.8	0.2	0.000250179	2.53422E-05	0.000405178
Ofi	W05	75	74	0.8	0.2	0.000281424	2.77967E-05	0.000431213
Ofi	W06	75	74	0.8	0.2	0.000280601	2.16079E-05	0.000425492
Ofi	W07	75	74	0.8	0.2	0.000275268	2.04215E-05	0.000416604
Ofi	W08	75	74	0.8	0.2	0.000287803	2.03306E-05	0.00045088
Ofi	W09	75	74	0.8	0.2	0.000284956	2.28866E-05	0.000485197
Ofi	W10	75	74	0.8	0.2	0.000288352	2.21117E-05	0.000464849
Ofi	W11	75	74	0.8	0.2	0.000227715	2.65589E-05	0.000487711
Ofi	W12	75	74	0.8	0.2	0.000239239	2.80229E-05	0.00046677
Ofi	W13	75	74	0.8	0.2	0.000248379	2.37438E-05	0.00046422
Ofi	W14	75	74	0.8	0.2	0.000256181	2.39467E-05	0.000479481
Ofi	W15	75	74	0.8	0.2	0.000279555	1.44523E-05	0.000520748
Ofi	W16	75	74	0.8	0.2	0.000144956	2.82592E-05	0.000449651
Ofi	W01	75	74	0.8	0.3	0.000175446	3.86304E-05	0.000327698
Ofi	W02	75	74	0.8	0.3	0.000259354	3.58391E-05	0.000484556
Ofi	W03	75	74	0.8	0.3	0.000253695	3.79047E-05	0.000429304
Ofi	W04	75	74	0.8	0.3	0.000263384	3.36807E-05	0.000454104
Ofi	W05	75	74	0.8	0.3	0.000299396	3.7544E-05	0.000474394
Ofi	W06	75	74	0.8	0.3	0.000315206	3.16553E-05	0.000482019
Ofi	W07	75	74	0.8	0.3	0.000297646	3.10813E-05	0.000441992
Ofi	W08	75	74	0.8	0.3	0.000319391	3.02049E-05	0.0004871
Ofi	W09	75	74	0.8	0.3	0.000317762	3.38051E-05	0.000518804
Ofi	W10	75	74	0.8	0.3	0.000323043	3.20152E-05	0.000490912
Ofi	W11	75	74	0.8	0.3	0.000237867	3.40488E-05	0.000502972
Ofi	W12	75	74	0.8	0.3	0.000258616	3.49313E-05	0.000517587
Ofi	W13	75	74	0.8	0.3	0.000281938	3.23347E-05	0.000478852
Ofi	W14	75	74	0.8	0.3	0.000274153	3.08568E-05	0.000486454
Ofi	W15	75	74	0.8	0.3	0.000322649	2.31522E-05	0.000525206
Ofi	W16	75	74	0.8	0.3	0.00014734	3.30076E-05	0.000485842
Ofi	W01	75	74	0.8	0.4	0.000124549	4.46934E-05	0.000400726
Ofi	W02	75	74	0.8	0.4	0.000203535	4.26634E-05	0.000570313
Ofi	W03	75	74	0.8	0.4	0.000211081	4.41899E-05	0.000445182
Ofi	W04	75	74	0.8	0.4	0.000236632	4.16398E-05	0.000506116
Ofi	W05	75	74	0.8	0.4	0.000246955	4.46298E-05	0.000545525
Ofi	W06	75	74	0.8	0.4	0.00028211	4.1521E-05	0.00057664
Ofi	W07	75	74	0.8	0.4	0.000279983	4.15659E-05	0.000525817
Ofi	W08	75	74	0.8	0.4	0.000310628	4.05492E-05	0.000541061
Ofi	W09	75	74	0.8	0.4	0.000286088	4.36412E-05	0.000578532
Ofi	W10	75	74	0.8	0.4	0.00029696	4.16058E-05	0.000545553
Ofi	W11	75	74	0.8	0.4	0.000219106	4.09057E-05	0.000539838
Ofi	W12	75	74	0.8	0.4	0.000222485	4.26137E-05	0.000625532

## Zone Deadband db

Ofi	W13	75	74	0.8	0.4	0.000253712	4.11209E-05	0.000580476
Ofi	W14	75	74	0.8	0.4	0.000227886	3.72491E-05	0.000539146
Ofi	W15	75	74	0.8	0.4	0.000316321	3.33602E-05	0.000544239
Ofi	W16	75	74	0.8	0.4	8.95666E-05	3.79812E-05	0.00056773
Ofi	W01	75	74	0.94	0.2	0.000170525	2.58418E-05	0.000241958
Ofi	W02	75	74	0.94	0.2	0.000244212	2.444E-05	0.000457242
Ofi	W03	75	74	0.94	0.2	0.000241056	2.38538E-05	0.000377864
Ofi	W04	75	74	0.94	0.2	0.000250179	2.15694E-05	0.000405178
Ofi	W05	75	74	0.94	0.2	0.000281424	2.36583E-05	0.000431213
Ofi	W06	75	74	0.94	0.2	0.000280601	1.83913E-05	0.000425492
Ofi	W07	75	74	0.94	0.2	0.000275268	1.73817E-05	0.000416604
Ofi	W08	75	74	0.94	0.2	0.000287803	1.73044E-05	0.00045088
Ofi	W09	75	74	0.94	0.2	0.000284956	1.94796E-05	0.000485197
Ofi	W10	75	74	0.94	0.2	0.000288352	1.88202E-05	0.000464849
Ofi	W11	75	74	0.94	0.2	0.000227715	2.26045E-05	0.000487711
Ofi	W12	75	74	0.94	0.2	0.000239239	2.38506E-05	0.00046677
Ofi	W13	75	74	0.94	0.2	0.000248379	2.02089E-05	0.00046422
Ofi	W14	75	74	0.94	0.2	0.000256181	2.03815E-05	0.000479481
Ofi	W15	75	74	0.94	0.2	0.000279555	1.23015E-05	0.000520748
Ofi	W16	75	74	0.94	0.2	0.000144956	2.40511E-05	0.000449651
Ofi	W01	75	74	0.94	0.3	0.000175446	3.28774E-05	0.000327698
Ofi	W02	75	74	0.94	0.3	0.000259354	3.0502E-05	0.000484556
Ofi	W03	75	74	0.94	0.3	0.000253695	3.22603E-05	0.000429304
Ofi	W04	75	74	0.94	0.3	0.000263384	2.86652E-05	0.000454104
Ofi	W05	75	74	0.94	0.3	0.000299396	3.19533E-05	0.000474394
Ofi	W06	75	74	0.94	0.3	0.000315206	2.69419E-05	0.000482019
Ofi	W07	75	74	0.94	0.3	0.000297646	2.64534E-05	0.000441992
Ofi	W08	75	74	0.94	0.3	0.000319391	2.57075E-05	0.0004871
Ofi	W09	75	74	0.94	0.3	0.000317762	2.87715E-05	0.000518804
Ofi	W10	75	74	0.94	0.3	0.000323043	2.72482E-05	0.000490912
Ofi	W11	75	74	0.94	0.3	0.000237867	2.89785E-05	0.000502972
Ofi	W12	75	74	0.94	0.3	0.000258616	2.97293E-05	0.000517587
Ofi	W13	75	74	0.94	0.3	0.000281938	2.75197E-05	0.000478852
Ofi	W14	75	74	0.94	0.3	0.000274153	2.62621E-05	0.000486454
Ofi	W15	75	74	0.94	0.3	0.000322649	1.97053E-05	0.000525206
Ofi	W16	75	74	0.94	0.3	0.00014734	2.80916E-05	0.000485842
Ofi	W01	75	74	0.94	0.4	0.000124549	3.80367E-05	0.000400726
Ofi	W02	75	74	0.94	0.4	0.000203535	3.63092E-05	0.000570313
Ofi	W03	75	74	0.94	0.4	0.000211081	3.76085E-05	0.000445182
Ofi	W04	75	74	0.94	0.4	0.000236632	3.54384E-05	0.000506116
Ofi	W05	75	74	0.94	0.4	0.000246955	3.79829E-05	0.000545525
Ofi	W06	75	74	0.94	0.4	0.00028211	3.53376E-05	0.00057664
Ofi	W07	75	74	0.94	0.4	0.000279983	3.53757E-05	0.000525817
Ofi	W08	75	74	0.94	0.4	0.000310628	3.45105E-05	0.000541061
Ofi	W09	75	74	0.94	0.4	0.000286088	3.71419E-05	0.000578532
Ofi	W10	75	74	0.94	0.4	0.00029696	3.54097E-05	0.000545553
Ofi	W11	75	74	0.94	0.4	0.000219106	3.48135E-05	0.000539838
Ofi	W12	75	74	0.94	0.4	0.000222485	3.6267E-05	0.000625532
Ofi	W13	75	74	0.94	0.4	0.000253712	3.49966E-05	0.000580476
Ofi	W14	75	74	0.94	0.4	0.000227886	3.17017E-05	0.000539146
Ofi	W15	75	74	0.94	0.4	0.000316321	2.83925E-05	0.000544239
Ofi	W16	75	74	0.94	0.4	8.95666E-05	3.23239E-05	0.00056773
Ofi	W01	85	74	0.8	0.2	0.00011234	2.12118E-05	0.000119393
Ofi	W02	85	74	0.8	0.2	0.000162345	2.4153E-05	0.00036326
Ofi	W03	85	74	0.8	0.2	0.000166237	2.13098E-05	0.000291495
Ofi	W04	85	74	0.8	0.2	0.000172702	1.95447E-05	0.000314358
Ofi	W05	85	74	0.8	0.2	0.000197002	2.18704E-05	0.000342936
Ofi	W06	85	74	0.8	0.2	0.000201169	1.60337E-05	0.000385488
Ofi	W07	85	74	0.8	0.2	0.000194395	1.46881E-05	0.00032452
Ofi	W08	85	74	0.8	0.2	0.000195441	1.50922E-05	0.000371513
Ofi	W09	85	74	0.8	0.2	0.000177195	1.78491E-05	0.000388049
Ofi	W10	85	74	0.8	0.2	0.000180093	1.71256E-05	0.000367067
Ofi	W11	85	74	0.8	0.2	0.000148917	2.26293E-05	0.000393107
Ofi	W12	85	74	0.8	0.2	0.000155297	2.33726E-05	0.000375955
Ofi	W13	85	74	0.8	0.2	0.000150118	1.95549E-05	0.000370222
Ofi	W14	85	74	0.8	0.2	0.000148334	1.6571E-05	0.000352463
Ofi	W15	85	74	0.8	0.2	0.0001667	9.47152E-06	0.000388026
Ofi	W16	85	74	0.8	0.2	0.00010145	2.04986E-05	0.000332139
Ofi	W01	85	74	0.8	0.3	0.000130689	3.0116E-05	0.000267993
Ofi	W02	85	74	0.8	0.3	0.00018318	3.22901E-05	0.000400732
Ofi	W03	85	74	0.8	0.3	0.000187176	3.06312E-05	0.00032452
Ofi	W04	85	74	0.8	0.3	0.000197585	2.72844E-05	0.000361991
Ofi	W05	85	74	0.8	0.3	0.000213001	3.15337E-05	0.00038231



## Zone Deadband db

Ofi	W06	85	74	0.8	0.3	0.000225777	2.50718E-05	0.000440735
Ofi	W07	85	74	0.8	0.3	0.000225005	2.42328E-05	0.000361986
Ofi	W08	85	74	0.8	0.3	0.000228709	2.44498E-05	0.000414066
Ofi	W09	85	74	0.8	0.3	0.000219364	2.80604E-05	0.000429927
Ofi	W10	85	74	0.8	0.3	0.000224834	2.67135E-05	0.000399457
Ofi	W11	85	74	0.8	0.3	0.000183283	3.09918E-05	0.000420416
Ofi	W12	85	74	0.8	0.3	0.000194532	3.14219E-05	0.000435654
Ofi	W13	85	74	0.8	0.3	0.000201169	2.87555E-05	0.000400097
Ofi	W14	85	74	0.8	0.3	0.000196642	2.55999E-05	0.000364529
Ofi	W15	85	74	0.8	0.3	0.000209846	1.82121E-05	0.000400097
Ofi	W16	85	74	0.8	0.3	0.000131443	2.74035E-05	0.00038866
Ofi	W01	85	74	0.8	0.4	0.000148883	3.80098E-05	0.000414695
Ofi	W02	85	74	0.8	0.4	0.000188325	3.94239E-05	0.000482013
Ofi	W03	85	74	0.8	0.4	0.000205113	3.7453E-05	0.000327692
Ofi	W04	85	74	0.8	0.4	0.000214476	3.58904E-05	0.000400091
Ofi	W05	85	74	0.8	0.4	0.000215625	3.79211E-05	0.000492175
Ofi	W06	85	74	0.8	0.4	0.000252752	3.42336E-05	0.000533459
Ofi	W07	85	74	0.8	0.4	0.000262029	3.40392E-05	0.000447085
Ofi	W08	85	74	0.8	0.4	0.000262132	3.41541E-05	0.00048646
Ofi	W09	85	74	0.8	0.4	0.000241536	3.75516E-05	0.000502326
Ofi	W10	85	74	0.8	0.4	0.000248739	3.56474E-05	0.000443913
Ofi	W11	85	74	0.8	0.4	0.000204153	3.86407E-05	0.000445182
Ofi	W12	85	74	0.8	0.4	0.000200037	3.94805E-05	0.000506779
Ofi	W13	85	74	0.8	0.4	0.000227578	3.77006E-05	0.000487734
Ofi	W14	85	74	0.8	0.4	0.000216843	3.37475E-05	0.000438832
Ofi	W15	85	74	0.8	0.4	0.000263229	2.81515E-05	0.000411511
Ofi	W16	85	74	0.8	0.4	0.000130929	3.43272E-05	0.000463597
Ofi	W01	85	74	0.94	0.2	0.00011234	1.80542E-05	0.000119393
Ofi	W02	85	74	0.94	0.2	0.000162345	2.05572E-05	0.00036326
Ofi	W03	85	74	0.94	0.2	0.000166237	1.81375E-05	0.000291495
Ofi	W04	85	74	0.94	0.2	0.000172702	1.66354E-05	0.000314358
Ofi	W05	85	74	0.94	0.2	0.000197002	1.86149E-05	0.000342936
Ofi	W06	85	74	0.94	0.2	0.000201169	1.36475E-05	0.000385488
Ofi	W07	85	74	0.94	0.2	0.000194395	1.25025E-05	0.00032452
Ofi	W08	85	74	0.94	0.2	0.000195441	1.28461E-05	0.000371513
Ofi	W09	85	74	0.94	0.2	0.000177195	1.51924E-05	0.000388049
Ofi	W10	85	74	0.94	0.2	0.000180093	1.45767E-05	0.000367067
Ofi	W11	85	74	0.94	0.2	0.000148917	1.92603E-05	0.000393107
Ofi	W12	85	74	0.94	0.2	0.000155297	1.98929E-05	0.000375955
Ofi	W13	85	74	0.94	0.2	0.000150118	1.66439E-05	0.000370222
Ofi	W14	85	74	0.94	0.2	0.000148334	1.41047E-05	0.000352463
Ofi	W15	85	74	0.94	0.2	0.0001667	8.06272E-06	0.000388026
Ofi	W16	85	74	0.94	0.2	0.00010145	1.74469E-05	0.000332139
Ofi	W01	85	74	0.94	0.3	0.000130689	2.56318E-05	0.000267993
Ofi	W02	85	74	0.94	0.3	0.00018318	2.74819E-05	0.000400732
Ofi	W03	85	74	0.94	0.3	0.000187176	2.60703E-05	0.00032452
Ofi	W04	85	74	0.94	0.3	0.000197585	2.3222E-05	0.000361991
Ofi	W05	85	74	0.94	0.3	0.000213001	2.68384E-05	0.00038231
Ofi	W06	85	74	0.94	0.3	0.000225777	2.13391E-05	0.000440735
Ofi	W07	85	74	0.94	0.3	0.000225005	2.06251E-05	0.000361986
Ofi	W08	85	74	0.94	0.3	0.000228709	2.08097E-05	0.000414066
Ofi	W09	85	74	0.94	0.3	0.000219364	2.38825E-05	0.000429927
Ofi	W10	85	74	0.94	0.3	0.000224834	2.27363E-05	0.000399457
Ofi	W11	85	74	0.94	0.3	0.000183283	2.63771E-05	0.000420416
Ofi	W12	85	74	0.94	0.3	0.000194532	2.67431E-05	0.000435654
Ofi	W13	85	74	0.94	0.3	0.000201169	2.44737E-05	0.000400097
Ofi	W14	85	74	0.94	0.3	0.000196642	2.17883E-05	0.000364529
Ofi	W15	85	74	0.94	0.3	0.000209846	1.55011E-05	0.000400097
Ofi	W16	85	74	0.94	0.3	0.000131443	2.3323E-05	0.00038866
Ofi	W01	85	74	0.94	0.4	0.000148883	3.23492E-05	0.000414695
Ofi	W02	85	74	0.94	0.4	0.000188325	3.35524E-05	0.000482013
Ofi	W03	85	74	0.94	0.4	0.000205113	3.18753E-05	0.000327692
Ofi	W04	85	74	0.94	0.4	0.000214476	3.05454E-05	0.000400091
Ofi	W05	85	74	0.94	0.4	0.000215625	3.22738E-05	0.000492175
Ofi	W06	85	74	0.94	0.4	0.000252752	2.91356E-05	0.000533459
Ofi	W07	85	74	0.94	0.4	0.000262029	2.89704E-05	0.000447085
Ofi	W08	85	74	0.94	0.4	0.000262132	2.9068E-05	0.00048646
Ofi	W09	85	74	0.94	0.4	0.000241536	3.19594E-05	0.000502326
Ofi	W10	85	74	0.94	0.4	0.000248739	3.03388E-05	0.000443913
Ofi	W11	85	74	0.94	0.4	0.000204153	3.28858E-05	0.000445182
Ofi	W12	85	74	0.94	0.4	0.000200037	3.36008E-05	0.000506779
Ofi	W13	85	74	0.94	0.4	0.000227578	3.20859E-05	0.000487734
Ofi	W14	85	74	0.94	0.4	0.000216843	2.87219E-05	0.000438832



Zone Deadband db

Ofi	W15	85	74	0.94	0.4	0.000263229	2.39597E-05	0.000411511
Ofi	W16	85	74	0.94	0.4	0.000130929	2.92147E-05	0.000463597
Ofi	W01	96	74	0.8	0.2	7.2984E-05	1.74519E-05	0.000227989
Ofi	W02	96	74	0.8	0.2	0.000106955	1.9622E-05	0.000271176
Ofi	W03	96	74	0.8	0.2	0.000117141	1.93049E-05	0.000215289
Ofi	W04	96	74	0.8	0.2	0.000112254	1.72877E-05	0.000248314
Ofi	W05	96	74	0.8	0.2	0.000139417	1.96784E-05	0.000261648
Ofi	W06	96	74	0.8	0.2	0.000144013	1.4822E-05	0.00028578
Ofi	W07	96	74	0.8	0.2	0.000150135	1.37016E-05	0.000244502
Ofi	W08	96	74	0.8	0.2	0.000140618	1.3456E-05	0.000274983
Ofi	W09	96	74	0.8	0.2	0.000128391	1.54181E-05	0.000290861
Ofi	W10	96	74	0.8	0.2	0.00012208	1.51975E-05	0.000283242
Ofi	W11	96	74	0.8	0.2	0.000101125	1.74925E-05	0.000290226
Ofi	W12	96	74	0.8	0.2	9.40766E-05	1.82163E-05	0.000276257
Ofi	W13	96	74	0.8	0.2	0.000105326	1.48975E-05	0.000264821
Ofi	W14	96	74	0.8	0.2	9.88439E-05	1.3877E-05	0.000241964
Ofi	W15	96	74	0.8	0.2	0.000101776	7.52273E-06	0.00029848
Ofi	W16	96	74	0.8	0.2	5.06052E-05	1.53957E-05	0.000230527
Ofi	W01	96	74	0.8	0.3	8.708E-05	2.33918E-05	0.000285145
Ofi	W02	96	74	0.8	0.3	0.000122269	2.62593E-05	0.000320708
Ofi	W03	96	74	0.8	0.3	0.000133038	2.64825E-05	0.000248943
Ofi	W04	96	74	0.8	0.3	0.000142367	2.4004E-05	0.000275623
Ofi	W05	96	74	0.8	0.3	0.000154885	2.64849E-05	0.000302926
Ofi	W06	96	74	0.8	0.3	0.000167901	2.2246E-05	0.000340398
Ofi	W07	96	74	0.8	0.3	0.000177984	2.1761E-05	0.000286414
Ofi	W08	96	74	0.8	0.3	0.000169993	2.13531E-05	0.000307373
Ofi	W09	96	74	0.8	0.3	0.000159241	2.38136E-05	0.00032452
Ofi	W10	96	74	0.8	0.3	0.000152467	2.3179E-05	0.00031182
Ofi	W11	96	74	0.8	0.3	0.000114843	2.39585E-05	0.000304201
Ofi	W12	96	74	0.8	0.3	0.000118582	2.46973E-05	0.000327692
Ofi	W13	96	74	0.8	0.3	0.000118839	2.12356E-05	0.000302292
Ofi	W14	96	74	0.8	0.3	0.000123075	1.98571E-05	0.000254029
Ofi	W15	96	74	0.8	0.3	0.000140755	1.28434E-05	0.000294039
Ofi	W16	96	74	0.8	0.3	8.08208E-05	2.11878E-05	0.000272445
Ofi	W01	96	74	0.8	0.4	9.85352E-05	2.89543E-05	0.000305464
Ofi	W02	96	74	0.8	0.4	0.000117879	3.23084E-05	0.000374051
Ofi	W03	96	74	0.8	0.4	0.000128871	3.20492E-05	0.000236243
Ofi	W04	96	74	0.8	0.4	0.000151661	3.05619E-05	0.000294033
Ofi	W05	96	74	0.8	0.4	0.000148077	3.12145E-05	0.000368341
Ofi	W06	96	74	0.8	0.4	0.000182649	2.87928E-05	0.00040771
Ofi	W07	96	74	0.8	0.4	0.000178807	2.89992E-05	0.000365163
Ofi	W08	96	74	0.8	0.4	0.000179545	2.85463E-05	0.00036897
Ofi	W09	96	74	0.8	0.4	0.000174657	3.12096E-05	0.00038167
Ofi	W10	96	74	0.8	0.4	0.000165483	3.03397E-05	0.000356904
Ofi	W11	96	74	0.8	0.4	0.000115238	2.97254E-05	0.000323251
Ofi	W12	96	74	0.8	0.4	0.00012467	3.09172E-05	0.000390564
Ofi	W13	96	74	0.8	0.4	0.000133141	2.83396E-05	0.000353092
Ofi	W14	96	74	0.8	0.4	0.000137737	2.56379E-05	0.000317535
Ofi	W15	96	74	0.8	0.4	0.000167352	1.96983E-05	0.000321342
Ofi	W16	96	74	0.8	0.4	8.48507E-05	2.68413E-05	0.00033722
Ofi	W01	96	74	0.94	0.2	7.2984E-05	1.4854E-05	0.000227989
Ofi	W02	96	74	0.94	0.2	0.000106955	1.67007E-05	0.000271176
Ofi	W03	96	74	0.94	0.2	0.000117141	1.64311E-05	0.000215289
Ofi	W04	96	74	0.94	0.2	0.000112254	1.47144E-05	0.000248314
Ofi	W05	96	74	0.94	0.2	0.000139417	1.67489E-05	0.000261648
Ofi	W06	96	74	0.94	0.2	0.000144013	1.26162E-05	0.00028578
Ofi	W07	96	74	0.94	0.2	0.000150135	1.16626E-05	0.000244502
Ofi	W08	96	74	0.94	0.2	0.000140618	1.14536E-05	0.000274983
Ofi	W09	96	74	0.94	0.2	0.000128391	1.31235E-05	0.000290861
Ofi	W10	96	74	0.94	0.2	0.00012208	1.29358E-05	0.000283242
Ofi	W11	96	74	0.94	0.2	0.000101125	1.48885E-05	0.000290226
Ofi	W12	96	74	0.94	0.2	9.40766E-05	1.55043E-05	0.000276257
Ofi	W13	96	74	0.94	0.2	0.000105326	1.26801E-05	0.000264821
Ofi	W14	96	74	0.94	0.2	9.88439E-05	1.18116E-05	0.000241964
Ofi	W15	96	74	0.94	0.2	0.000101776	6.40422E-06	0.00029848
Ofi	W16	96	74	0.94	0.2	5.06052E-05	1.31037E-05	0.000230527
Ofi	W01	96	74	0.94	0.3	8.708E-05	1.99085E-05	0.000285145
Ofi	W02	96	74	0.94	0.3	0.000122269	2.23488E-05	0.000320708
Ofi	W03	96	74	0.94	0.3	0.000133038	2.25389E-05	0.000248943
Ofi	W04	96	74	0.94	0.3	0.000142367	2.04296E-05	0.000275623
Ofi	W05	96	74	0.94	0.3	0.000154885	2.2541E-05	0.000302926
Ofi	W06	96	74	0.94	0.3	0.000167901	1.89339E-05	0.000340398
Ofi	W07	96	74	0.94	0.3	0.000177984	1.8521E-05	0.000286414

## Zone Deadband db

Ofi	W08	96	74	0.94	0.3	0.000169993	1.8174E-05	0.000307373
Ofi	W09	96	74	0.94	0.3	0.000159241	2.02679E-05	0.00032452
Ofi	W10	96	74	0.94	0.3	0.000152467	1.97276E-05	0.00031182
Ofi	W11	96	74	0.94	0.3	0.000114843	2.03906E-05	0.000304201
Ofi	W12	96	74	0.94	0.3	0.000118582	2.10192E-05	0.000327692
Ofi	W13	96	74	0.94	0.3	0.000118839	1.80735E-05	0.000302292
Ofi	W14	96	74	0.94	0.3	0.000123075	1.69006E-05	0.000254029
Ofi	W15	96	74	0.94	0.3	0.000140755	1.09319E-05	0.000294039
Ofi	W16	96	74	0.94	0.3	8.08208E-05	1.80323E-05	0.000272445
Ofi	W01	96	74	0.94	0.4	9.85352E-05	2.46416E-05	0.000305464
Ofi	W02	96	74	0.94	0.4	0.000117879	2.74961E-05	0.000374051
Ofi	W03	96	74	0.94	0.4	0.000128871	2.72755E-05	0.000236243
Ofi	W04	96	74	0.94	0.4	0.000151661	2.60098E-05	0.000294033
Ofi	W05	96	74	0.94	0.4	0.000148077	2.65654E-05	0.000368341
Ofi	W06	96	74	0.94	0.4	0.000182649	2.45046E-05	0.00040771
Ofi	W07	96	74	0.94	0.4	0.000178807	2.46803E-05	0.000365163
Ofi	W08	96	74	0.94	0.4	0.000179545	2.42948E-05	0.00036897
Ofi	W09	96	74	0.94	0.4	0.000174657	2.65613E-05	0.00038167
Ofi	W10	96	74	0.94	0.4	0.000165483	2.5821E-05	0.000356904
Ofi	W11	96	74	0.94	0.4	0.000115238	2.52978E-05	0.000323251
Ofi	W12	96	74	0.94	0.4	0.00012467	2.6312E-05	0.000390564
Ofi	W13	96	74	0.94	0.4	0.000133141	2.41187E-05	0.000353092
Ofi	W14	96	74	0.94	0.4	0.000137737	2.18197E-05	0.000317535
Ofi	W15	96	74	0.94	0.4	0.000167352	1.67652E-05	0.000321342
Ofi	W16	96	74	0.94	0.4	8.48507E-05	2.28432E-05	0.00033722
Ofi	W01	3	74	0.8	0.2	0.000206691	1.54862E-05	0.000269267
Ofi	W02	3	74	0.8	0.2	0.000140515	1.37221E-05	0.000158128
Ofi	W03	3	74	0.8	0.2	0.000192303	1.71955E-05	0.000153046
Ofi	W04	3	74	0.8	0.2	0.000174452	1.53975E-05	0.000174005
Ofi	W05	3	74	0.8	0.2	0.00019124	1.73365E-05	0.000153046
Ofi	W06	3	74	0.8	0.2	0.000182237	1.30994E-05	0.000194965
Ofi	W07	3	74	0.8	0.2	0.000159995	1.17037E-05	0.000167661
Ofi	W08	3	74	0.8	0.2	0.000154508	1.20553E-05	0.000154321
Ofi	W09	3	74	0.8	0.2	0.000152553	1.48946E-05	0.000175914
Ofi	W10	3	74	0.8	0.2	0.000120331	9.18309E-06	0.000168924
Ofi	W11	3	74	0.8	0.2	0.000115049	1.29594E-05	0.000185442
Ofi	W12	3	74	0.8	0.2	0.000125064	1.29081E-05	0.000163849
Ofi	W13	3	74	0.8	0.2	0.000118685	1.12633E-05	0.000172102
Ofi	W14	3	74	0.8	0.2	0.0001139	1.15483E-05	0.000158768
Ofi	W15	3	74	0.8	0.2	7.25724E-05	5.77024E-06	0.00021338
Ofi	W16	3	74	0.8	0.2	9.75921E-05	1.48659E-05	0.000130824
Ofi	W01	3	74	0.8	0.3	0.000224714	2.34716E-05	0.000368336
Ofi	W02	3	74	0.8	0.3	0.000167506	2.14162E-05	0.000179092
Ofi	W03	3	74	0.8	0.3	0.000219072	2.58731E-05	0.000175914
Ofi	W04	3	74	0.8	0.3	0.000205765	2.40811E-05	0.000194965
Ofi	W05	3	74	0.8	0.3	0.000221301	2.55588E-05	0.00018734
Ofi	W06	3	74	0.8	0.3	0.000216431	2.14952E-05	0.000250852
Ofi	W07	3	74	0.8	0.3	0.000197585	2.05974E-05	0.000185437
Ofi	W08	3	74	0.8	0.3	0.000194584	2.08263E-05	0.000176549
Ofi	W09	3	74	0.8	0.3	0.000188376	2.35064E-05	0.000192427
Ofi	W10	3	74	0.8	0.3	0.000158829	1.7382E-05	0.000176549
Ofi	W11	3	74	0.8	0.3	0.000148386	2.07875E-05	0.000186077
Ofi	W12	3	74	0.8	0.3	0.000148815	2.05577E-05	0.00018798
Ofi	W13	3	74	0.8	0.3	0.000151353	1.88753E-05	0.000167661
Ofi	W14	3	74	0.8	0.3	0.000144665	1.83056E-05	0.000150509
Ofi	W15	3	74	0.8	0.3	0.000105909	1.15938E-05	0.000215924
Ofi	W16	3	74	0.8	0.3	0.000121411	2.17479E-05	0.000153052
Ofi	W01	3	74	0.8	0.4	0.000220873	3.06216E-05	0.000405173
Ofi	W02	3	74	0.8	0.4	0.000183592	2.91336E-05	0.000221005
Ofi	W03	3	74	0.8	0.4	0.000219604	3.32671E-05	0.00020703
Ofi	W04	3	74	0.8	0.4	0.000216585	3.16806E-05	0.000212111
Ofi	W05	3	74	0.8	0.4	0.000220392	3.25639E-05	0.000268633
Ofi	W06	3	74	0.8	0.4	0.000230682	2.90697E-05	0.000311185
Ofi	W07	3	74	0.8	0.4	0.00021355	2.84657E-05	0.000274983
Ofi	W08	3	74	0.8	0.4	0.000211921	2.86974E-05	0.000234339
Ofi	W09	3	74	0.8	0.4	0.000205456	3.17889E-05	0.000253389
Ofi	W10	3	74	0.8	0.4	0.000189114	2.65336E-05	0.000196868
Ofi	W11	3	74	0.8	0.4	0.00016869	2.93265E-05	0.00018734
Ofi	W12	3	74	0.8	0.4	0.000167163	2.89806E-05	0.000243233
Ofi	W13	3	74	0.8	0.4	0.000169513	2.78021E-05	0.000230527
Ofi	W14	3	74	0.8	0.4	0.00016538	2.64589E-05	0.00020068
Ofi	W15	3	74	0.8	0.4	0.00014283	2.01212E-05	0.000211477
Ofi	W16	3	74	0.8	0.4	0.000139057	2.93812E-05	0.000205761

## Zone Deadband db

Ofi	W01	3	74	0.94	0.2	0.000206691	1.31805E-05	0.000269267
Ofi	W02	3	74	0.94	0.2	0.000140515	1.16792E-05	0.000158128
Ofi	W03	3	74	0.94	0.2	0.000192303	1.46353E-05	0.000153046
Ofi	W04	3	74	0.94	0.2	0.000174452	1.31051E-05	0.000174005
Ofi	W05	3	74	0.94	0.2	0.00019124	1.47553E-05	0.000153046
Ofi	W06	3	74	0.94	0.2	0.000182237	1.11492E-05	0.000194965
Ofi	W07	3	74	0.94	0.2	0.000159995	9.96139E-06	0.000167661
Ofi	W08	3	74	0.94	0.2	0.000154508	1.02607E-05	0.000154321
Ofi	W09	3	74	0.94	0.2	0.000152553	1.2677E-05	0.000175914
Ofi	W10	3	74	0.94	0.2	0.000120331	7.81628E-06	0.000168924
Ofi	W11	3	74	0.94	0.2	0.000115049	1.10301E-05	0.000185442
Ofi	W12	3	74	0.94	0.2	0.000125064	1.09865E-05	0.000163849
Ofi	W13	3	74	0.94	0.2	0.000118685	9.58656E-06	0.000172102
Ofi	W14	3	74	0.94	0.2	0.0001139	9.82905E-06	0.000158768
Ofi	W15	3	74	0.94	0.2	7.25724E-05	4.91174E-06	0.00021338
Ofi	W16	3	74	0.94	0.2	9.75921E-05	1.26523E-05	0.000130824
Ofi	W01	3	74	0.94	0.3	0.000224714	1.99762E-05	0.000368336
Ofi	W02	3	74	0.94	0.3	0.000167506	1.8227E-05	0.000179092
Ofi	W03	3	74	0.94	0.3	0.000219072	2.202E-05	0.000175914
Ofi	W04	3	74	0.94	0.3	0.000205765	2.0495E-05	0.000194965
Ofi	W05	3	74	0.94	0.3	0.000221301	2.17526E-05	0.00018734
Ofi	W06	3	74	0.94	0.3	0.000216431	1.82944E-05	0.000250852
Ofi	W07	3	74	0.94	0.3	0.000197585	1.75303E-05	0.000185437
Ofi	W08	3	74	0.94	0.3	0.000194584	1.77252E-05	0.000176549
Ofi	W09	3	74	0.94	0.3	0.000188376	2.00059E-05	0.000192427
Ofi	W10	3	74	0.94	0.3	0.000158829	1.47938E-05	0.000176549
Ofi	W11	3	74	0.94	0.3	0.000148386	1.76921E-05	0.000186077
Ofi	W12	3	74	0.94	0.3	0.000148815	1.74965E-05	0.00018798
Ofi	W13	3	74	0.94	0.3	0.000151353	1.60648E-05	0.000167661
Ofi	W14	3	74	0.94	0.3	0.000144665	1.55798E-05	0.000150509
Ofi	W15	3	74	0.94	0.3	0.000105909	9.86784E-06	0.000215924
Ofi	W16	3	74	0.94	0.3	0.000121411	1.85091E-05	0.000153052
Ofi	W01	3	74	0.94	0.4	0.000220873	2.6061E-05	0.000405173
Ofi	W02	3	74	0.94	0.4	0.000183592	2.47947E-05	0.000221005
Ofi	W03	3	74	0.94	0.4	0.000219604	2.83125E-05	0.00020703
Ofi	W04	3	74	0.94	0.4	0.000216585	2.69625E-05	0.000212111
Ofi	W05	3	74	0.94	0.4	0.000220392	2.7714E-05	0.000268633
Ofi	W06	3	74	0.94	0.4	0.000230682	2.47405E-05	0.000311185
Ofi	W07	3	74	0.94	0.4	0.00021355	2.42264E-05	0.000274983
Ofi	W08	3	74	0.94	0.4	0.000211921	2.44238E-05	0.000234339
Ofi	W09	3	74	0.94	0.4	0.000205456	2.70546E-05	0.000253389
Ofi	W10	3	74	0.94	0.4	0.000189114	2.25822E-05	0.000196868
Ofi	W11	3	74	0.94	0.4	0.00016869	2.49589E-05	0.00018734
Ofi	W12	3	74	0.94	0.4	0.000167163	2.46646E-05	0.000243233
Ofi	W13	3	74	0.94	0.4	0.000169513	2.36616E-05	0.000230527
Ofi	W14	3	74	0.94	0.4	0.00016538	2.25185E-05	0.00020068
Ofi	W15	3	74	0.94	0.4	0.00014283	1.7125E-05	0.000211477
Ofi	W16	3	74	0.94	0.4	0.000139057	2.50052E-05	0.000205761
Ofi	W01	5	74	0.8	0.2	0.000153222	1.53627E-05	0.00028578
Ofi	W02	5	74	0.8	0.2	0.000115444	1.38843E-05	0.000164483
Ofi	W03	5	74	0.8	0.2	0.000158469	1.71178E-05	0.000158133
Ofi	W04	5	74	0.8	0.2	0.000149655	1.53398E-05	0.000184174
Ofi	W05	5	74	0.8	0.2	0.000162722	1.71116E-05	0.000169559
Ofi	W06	5	74	0.8	0.2	0.000165071	1.28514E-05	0.00021402
Ofi	W07	5	74	0.8	0.2	0.000154628	1.1726E-05	0.00017528
Ofi	W08	5	74	0.8	0.2	0.000142675	1.16227E-05	0.000158768
Ofi	W09	5	74	0.8	0.2	0.000141063	1.44351E-05	0.000189255
Ofi	W10	5	74	0.8	0.2	0.000113866	9.25453E-06	0.000170833
Ofi	W11	5	74	0.8	0.2	0.000101639	1.3147E-05	0.000191158
Ofi	W12	5	74	0.8	0.2	0.000106629	1.32153E-05	0.00016829
Ofi	W13	5	74	0.8	0.2	0.000102445	1.08385E-05	0.000174646
Ofi	W14	5	74	0.8	0.2	0.000100576	1.15792E-05	0.000163209
Ofi	W15	5	74	0.8	0.2	8.02549E-05	5.76321E-06	0.000212751
Ofi	W16	5	74	0.8	0.2	8.23642E-05	1.47964E-05	0.00013654
Ofi	W01	5	74	0.8	0.3	0.000164557	2.28561E-05	0.000321342
Ofi	W02	5	74	0.8	0.3	0.000134118	2.10994E-05	0.000185442
Ofi	W03	5	74	0.8	0.3	0.000177487	2.53391E-05	0.00018798
Ofi	W04	5	74	0.8	0.3	0.000173474	2.34748E-05	0.000204492
Ofi	W05	5	74	0.8	0.3	0.000181345	2.49916E-05	0.00021338
Ofi	W06	5	74	0.8	0.3	0.000187639	2.09705E-05	0.000255293
Ofi	W07	5	74	0.8	0.3	0.000178413	1.9795E-05	0.00020132
Ofi	W08	5	74	0.8	0.3	0.000171656	1.99863E-05	0.000182265
Ofi	W09	5	74	0.8	0.3	0.000166478	2.3178E-05	0.000210842

## Zone Deadband db

Ofi	W10	5	74	0.8	0.3	0.000137685	1.70735E-05	0.000184168
Ofi	W11	5	74	0.8	0.3	0.000129591	2.06409E-05	0.000189883
Ofi	W12	5	74	0.8	0.3	0.000125338	2.04264E-05	0.000193696
Ofi	W13	5	74	0.8	0.3	0.000126659	1.83012E-05	0.000178452
Ofi	W14	5	74	0.8	0.3	0.000124018	1.8156E-05	0.000160677
Ofi	W15	5	74	0.8	0.3	0.000106098	1.13401E-05	0.000217193
Ofi	W16	5	74	0.8	0.3	0.000103645	2.13945E-05	0.000156864
Ofi	W01	5	74	0.8	0.4	0.000160561	2.93107E-05	0.00034992
Ofi	W02	5	74	0.8	0.4	0.000146311	2.82898E-05	0.000229893
Ofi	W03	5	74	0.8	0.4	0.000175755	3.19991E-05	0.000217827
Ofi	W04	5	74	0.8	0.4	0.000180831	3.0702E-05	0.000218467
Ofi	W05	5	74	0.8	0.4	0.00017855	3.13395E-05	0.000270536
Ofi	W06	5	74	0.8	0.4	0.000194927	2.83521E-05	0.000302926
Ofi	W07	5	74	0.8	0.4	0.000185735	2.76875E-05	0.000263552
Ofi	W08	5	74	0.8	0.4	0.000183626	2.79145E-05	0.00023307
Ofi	W09	5	74	0.8	0.4	0.000179579	3.12719E-05	0.000261648
Ofi	W10	5	74	0.8	0.4	0.000161162	2.56717E-05	0.000208299
Ofi	W11	5	74	0.8	0.4	0.000141406	2.8543E-05	0.00019497
Ofi	W12	5	74	0.8	0.4	0.000142058	2.82422E-05	0.00025212
Ofi	W13	5	74	0.8	0.4	0.000143413	2.64784E-05	0.000233705
Ofi	W14	5	74	0.8	0.4	0.000141972	2.57294E-05	0.000215289
Ofi	W15	5	74	0.8	0.4	0.000133981	1.95608E-05	0.000212111
Ofi	W16	5	74	0.8	0.4	0.000117416	2.807E-05	0.000210208
Ofi	W01	5	74	0.94	0.2	0.000153222	1.30752E-05	0.00028578
Ofi	W02	5	74	0.94	0.2	0.000115444	1.18171E-05	0.000164483
Ofi	W03	5	74	0.94	0.2	0.000158469	1.45691E-05	0.000158133
Ofi	W04	5	74	0.94	0.2	0.000149655	1.30559E-05	0.000184174
Ofi	W05	5	74	0.94	0.2	0.000162722	1.45638E-05	0.000169559
Ofi	W06	5	74	0.94	0.2	0.000165071	1.09383E-05	0.00021402
Ofi	W07	5	74	0.94	0.2	0.000154628	9.98047E-06	0.00017528
Ofi	W08	5	74	0.94	0.2	0.000142675	9.89242E-06	0.000158768
Ofi	W09	5	74	0.94	0.2	0.000141063	1.2286E-05	0.000189255
Ofi	W10	5	74	0.94	0.2	0.000113866	7.87707E-06	0.000170833
Ofi	W11	5	74	0.94	0.2	0.000101639	1.11896E-05	0.000191158
Ofi	W12	5	74	0.94	0.2	0.000106629	1.12477E-05	0.00016829
Ofi	W13	5	74	0.94	0.2	0.000102445	9.22495E-06	0.000174646
Ofi	W14	5	74	0.94	0.2	0.000100576	9.85534E-06	0.000163209
Ofi	W15	5	74	0.94	0.2	8.02549E-05	4.90575E-06	0.000212751
Ofi	W16	5	74	0.94	0.2	8.23642E-05	1.25932E-05	0.00013654
Ofi	W01	5	74	0.94	0.3	0.000164557	1.94525E-05	0.000321342
Ofi	W02	5	74	0.94	0.3	0.000134118	1.79574E-05	0.000185442
Ofi	W03	5	74	0.94	0.3	0.000177487	2.15655E-05	0.00018798
Ofi	W04	5	74	0.94	0.3	0.000173474	1.99789E-05	0.000204492
Ofi	W05	5	74	0.94	0.3	0.000181345	2.12699E-05	0.00021338
Ofi	W06	5	74	0.94	0.3	0.000187639	1.78478E-05	0.000255293
Ofi	W07	5	74	0.94	0.3	0.000178413	1.68474E-05	0.00020132
Ofi	W08	5	74	0.94	0.3	0.000171656	1.70102E-05	0.000182265
Ofi	W09	5	74	0.94	0.3	0.000166478	1.97264E-05	0.000210842
Ofi	W10	5	74	0.94	0.3	0.000137685	1.45312E-05	0.000184168
Ofi	W11	5	74	0.94	0.3	0.000129591	1.75671E-05	0.000189883
Ofi	W12	5	74	0.94	0.3	0.000125338	1.73847E-05	0.000193696
Ofi	W13	5	74	0.94	0.3	0.000126659	1.5576E-05	0.000178452
Ofi	W14	5	74	0.94	0.3	0.000124018	1.54526E-05	0.000160677
Ofi	W15	5	74	0.94	0.3	0.000106098	9.65187E-06	0.000217193
Ofi	W16	5	74	0.94	0.3	0.000103645	1.82083E-05	0.000156864
Ofi	W01	5	74	0.94	0.4	0.000160561	2.49453E-05	0.00034992
Ofi	W02	5	74	0.94	0.4	0.000146311	2.40765E-05	0.000229893
Ofi	W03	5	74	0.94	0.4	0.000175755	2.72334E-05	0.000217827
Ofi	W04	5	74	0.94	0.4	0.000180831	2.61294E-05	0.000218467
Ofi	W05	5	74	0.94	0.4	0.00017855	2.66719E-05	0.000270536
Ofi	W06	5	74	0.94	0.4	0.000194927	2.41296E-05	0.000302926
Ofi	W07	5	74	0.94	0.4	0.000185735	2.35642E-05	0.000263552
Ofi	W08	5	74	0.94	0.4	0.000183626	2.37572E-05	0.00023307
Ofi	W09	5	74	0.94	0.4	0.000179579	2.66146E-05	0.000261648
Ofi	W10	5	74	0.94	0.4	0.000161162	2.18486E-05	0.000208299
Ofi	W11	5	74	0.94	0.4	0.000141406	2.42921E-05	0.00019497
Ofi	W12	5	74	0.94	0.4	0.000142058	2.40362E-05	0.00025212
Ofi	W13	5	74	0.94	0.4	0.000143413	2.2535E-05	0.000233705
Ofi	W14	5	74	0.94	0.4	0.000141972	2.18975E-05	0.000215289
Ofi	W15	5	74	0.94	0.4	0.000133981	1.6648E-05	0.000212111
Ofi	W16	5	74	0.94	0.4	0.000117416	2.38894E-05	0.000210208
Rt3	W01	75	70	0.8	0.2	9.91226E-05	8.53907E-06	0.000328708
Rt3	W02	75	70	0.8	0.2	0.000176328	7.20221E-06	0.000346292

## Zone Deadband db

Rt3	W03	75	70	0.8	0.2	0.000161682	4.94935E-06	0.000449075
Rt3	W04	75	70	0.8	0.2	0.000200191	5.40511E-06	0.000417592
Rt3	W05	75	70	0.8	0.2	0.000217739	3.61946E-06	0.000445367
Rt3	W06	75	70	0.8	0.2	0.000247354	2.02423E-06	0.0004463
Rt3	W07	75	70	0.8	0.2	0.000256282	1.63401E-06	0.000475
Rt3	W08	75	70	0.8	0.2	0.000260839	2.17603E-06	0.000346292
Rt3	W09	75	70	0.8	0.2	0.00025	2.0235E-06	0.000318517
Rt3	W10	75	70	0.8	0.2	0.000239536	2.92017E-06	0.000325
Rt3	W11	75	70	0.8	0.2	0.000171702	8.66516E-06	0.000202775
Rt3	W12	75	70	0.8	0.2	0.000177079	7.85228E-06	0.000408333
Rt3	W13	75	70	0.8	0.2	0.000170951	6.52219E-06	0.000192592
Rt3	W14	75	70	0.8	0.2	0.000163355	8.26729E-06	0.000225
Rt3	W15	75	70	0.8	0.2	0.000233511	2.12072E-06	0.000143525
Rt3	W16	75	70	0.8	0.2	8.97685E-05	1.19932E-05	0.000362958
Rt3	W01	75	70	0.8	0.3	0.000124642	1.07589E-05	0.000337967
Rt3	W02	75	70	0.8	0.3	0.00019449	8.63258E-06	0.000370367
Rt3	W03	75	70	0.8	0.3	0.00018249	6.57768E-06	0.000453708
Rt3	W04	75	70	0.8	0.3	0.000215827	6.75625E-06	0.000438892
Rt3	W05	75	70	0.8	0.3	0.000220726	5.20111E-06	0.00045
Rt3	W06	75	70	0.8	0.3	0.000250529	3.15955E-06	0.000442592
Rt3	W07	75	70	0.8	0.3	0.000258398	2.57577E-06	0.000475925
Rt3	W08	75	70	0.8	0.3	0.000263365	3.22618E-06	0.000371292
Rt3	W09	75	70	0.8	0.3	0.000254933	3.1334E-06	0.000346292
Rt3	W10	75	70	0.8	0.3	0.000249385	4.21249E-06	0.00035185
Rt3	W11	75	70	0.8	0.3	0.000199286	1E-05	0.000236108
Rt3	W12	75	70	0.8	0.3	0.000203981	9.16863E-06	0.000427775
Rt3	W13	75	70	0.8	0.3	0.000200038	7.83852E-06	0.000222225
Rt3	W14	75	70	0.8	0.3	0.000201454	9.31908E-06	0.000257408
Rt3	W15	75	70	0.8	0.3	0.000242011	3.08568E-06	0.000181483
Rt3	W16	75	70	0.8	0.3	0.00011172	1.1357E-05	0.000386108
Rt3	W01	75	70	0.8	0.4	0.000123498	1.35581E-05	0.000336117
Rt3	W02	75	70	0.8	0.4	0.000193807	1.06654E-05	0.000390742
Rt3	W03	75	70	0.8	0.4	0.000177181	8.67614E-06	0.000463883
Rt3	W04	75	70	0.8	0.4	0.000211577	8.50896E-06	0.00045555
Rt3	W05	75	70	0.8	0.4	0.000201506	7.13746E-06	0.000452775
Rt3	W06	75	70	0.8	0.4	0.000235064	4.74743E-06	0.000443517
Rt3	W07	75	70	0.8	0.4	0.000243497	4.17016E-06	0.00046945
Rt3	W08	75	70	0.8	0.4	0.00025635	4.76969E-06	0.000394442
Rt3	W09	75	70	0.8	0.4	0.000252117	4.74592E-06	0.000372217
Rt3	W10	75	70	0.8	0.4	0.000244196	6.06199E-06	0.000375
Rt3	W11	75	70	0.8	0.4	0.000193858	1.19085E-05	0.000267592
Rt3	W12	75	70	0.8	0.4	0.000198399	1.11622E-05	0.000443517
Rt3	W13	75	70	0.8	0.4	0.000204356	9.67628E-06	0.000253708
Rt3	W14	75	70	0.8	0.4	0.00019606	1.11133E-05	0.000286117
Rt3	W15	75	70	0.8	0.4	0.000242302	4.53548E-06	0.000212033
Rt3	W16	75	70	0.8	0.4	0.000110918	1.28265E-05	0.000406483
Rt3	W01	75	70	0.94	0.2	9.91226E-05	7.26896E-06	0.000328708
Rt3	W02	75	70	0.94	0.2	0.000176328	6.13109E-06	0.000346292
Rt3	W03	75	70	0.94	0.2	0.000161682	4.21392E-06	0.000449075
Rt3	W04	75	70	0.94	0.2	0.000200191	4.60172E-06	0.000417592
Rt3	W05	75	70	0.94	0.2	0.000217739	3.08213E-06	0.000445367
Rt3	W06	75	70	0.94	0.2	0.000247354	1.72442E-06	0.0004463
Rt3	W07	75	70	0.94	0.2	0.000256282	1.39232E-06	0.000475
Rt3	W08	75	70	0.94	0.2	0.000260839	1.8535E-06	0.000346292
Rt3	W09	75	70	0.94	0.2	0.00025	1.72371E-06	0.000318517
Rt3	W10	75	70	0.94	0.2	0.000239536	2.48675E-06	0.000325
Rt3	W11	75	70	0.94	0.2	0.000171702	7.37577E-06	0.000202775
Rt3	W12	75	70	0.94	0.2	0.000177079	6.68416E-06	0.000408333
Rt3	W13	75	70	0.94	0.2	0.000170951	5.55199E-06	0.000192592
Rt3	W14	75	70	0.94	0.2	0.000163355	7.03723E-06	0.000225
Rt3	W15	75	70	0.94	0.2	0.000233511	1.80602E-06	0.000143525
Rt3	W16	75	70	0.94	0.2	8.97685E-05	1.02076E-05	0.000362958
Rt3	W01	75	70	0.94	0.3	0.000124642	9.15784E-06	0.000337967
Rt3	W02	75	70	0.94	0.3	0.00019449	7.34817E-06	0.000370367
Rt3	W03	75	70	0.94	0.3	0.00018249	5.59955E-06	0.000453708
Rt3	W04	75	70	0.94	0.3	0.000215827	5.75143E-06	0.000438892
Rt3	W05	75	70	0.94	0.3	0.000220726	4.42809E-06	0.00045
Rt3	W06	75	70	0.94	0.3	0.000250529	2.6906E-06	0.000442592
Rt3	W07	75	70	0.94	0.3	0.000258398	2.19375E-06	0.000475925
Rt3	W08	75	70	0.94	0.3	0.000263365	2.7472E-06	0.000371292
Rt3	W09	75	70	0.94	0.3	0.000254933	2.66826E-06	0.000346292
Rt3	W10	75	70	0.94	0.3	0.000249385	3.58653E-06	0.00035185
Rt3	W11	75	70	0.94	0.3	0.000199286	8.51156E-06	0.000236108

## Zone Deadband db

Rt3	W12	75	70	0.94	0.3	0.000203981	7.8042E-06	0.000427775
Rt3	W13	75	70	0.94	0.3	0.000200038	6.67206E-06	0.000222225
Rt3	W14	75	70	0.94	0.3	0.000201454	7.93213E-06	0.000257408
Rt3	W15	75	70	0.94	0.3	0.000242011	2.62726E-06	0.000181483
Rt3	W16	75	70	0.94	0.3	0.00011172	9.66578E-06	0.000386108
Rt3	W01	75	70	0.94	0.4	0.000123498	1.15398E-05	0.000336117
Rt3	W02	75	70	0.94	0.4	0.000193807	9.07804E-06	0.000390742
Rt3	W03	75	70	0.94	0.4	0.000177181	7.38522E-06	0.000463883
Rt3	W04	75	70	0.94	0.4	0.000211577	7.2429E-06	0.00045555
Rt3	W05	75	70	0.94	0.4	0.000201506	6.07584E-06	0.000452775
Rt3	W06	75	70	0.94	0.4	0.000235064	4.04184E-06	0.000443517
Rt3	W07	75	70	0.94	0.4	0.000243497	3.55057E-06	0.00046945
Rt3	W08	75	70	0.94	0.4	0.00025635	4.06072E-06	0.000394442
Rt3	W09	75	70	0.94	0.4	0.000252117	4.04051E-06	0.000372217
Rt3	W10	75	70	0.94	0.4	0.000244196	5.16046E-06	0.000375
Rt3	W11	75	70	0.94	0.4	0.000193858	1.01356E-05	0.000267592
Rt3	W12	75	70	0.94	0.4	0.000198399	9.5006E-06	0.000443517
Rt3	W13	75	70	0.94	0.4	0.000204356	8.23595E-06	0.000253708
Rt3	W14	75	70	0.94	0.4	0.00019606	9.45895E-06	0.000286117
Rt3	W15	75	70	0.94	0.4	0.000242302	3.86106E-06	0.000212033
Rt3	W16	75	70	0.94	0.4	0.000110918	1.09163E-05	0.000406483
Rt3	W01	85	70	0.8	0.2	0.000115868	5.83035E-06	0.000444442
Rt3	W02	85	70	0.8	0.2	0.000177915	5.24534E-06	0.000431483
Rt3	W03	85	70	0.8	0.2	0.000168476	3.06976E-06	0.000438892
Rt3	W04	85	70	0.8	0.2	0.000198279	3.44954E-06	0.000490742
Rt3	W05	85	70	0.8	0.2	0.000215383	1.75894E-06	0.000452783
Rt3	W06	85	70	0.8	0.2	0.000262307	5.96335E-07	0.000513883
Rt3	W07	85	70	0.8	0.2	0.000278506	4.28655E-07	0.0005287
Rt3	W08	85	70	0.8	0.2	0.000268469	9.81179E-07	0.000450925
Rt3	W09	85	70	0.8	0.2	0.000258671	7.2536E-07	0.000411108
Rt3	W10	85	70	0.8	0.2	0.000247013	1.53195E-06	0.000388892
Rt3	W11	85	70	0.8	0.2	0.000180356	7.44804E-06	0.000252783
Rt3	W12	85	70	0.8	0.2	0.000181329	6.24956E-06	0.000489817
Rt3	W13	85	70	0.8	0.2	0.000170576	5.0855E-06	0.0002463
Rt3	W14	85	70	0.8	0.2	0.000175304	6.56097E-06	0.000354625
Rt3	W15	85	70	0.8	0.2	0.000244708	8.7182E-07	0.000237958
Rt3	W16	85	70	0.8	0.2	0.000127082	1.15823E-05	0.000475
Rt3	W01	85	70	0.8	0.3	0.000135856	7.53907E-06	0.000440742
Rt3	W02	85	70	0.8	0.3	0.000209784	6.372E-06	0.000458333
Rt3	W03	85	70	0.8	0.3	0.000189233	4.04829E-06	0.000439817
Rt3	W04	85	70	0.8	0.3	0.000217414	4.59344E-06	0.000504633
Rt3	W05	85	70	0.8	0.3	0.000222416	2.71013E-06	0.000451858
Rt3	W06	85	70	0.8	0.3	0.00027301	1.0671E-06	0.000512033
Rt3	W07	85	70	0.8	0.3	0.000281783	8.23107E-07	0.000519442
Rt3	W08	85	70	0.8	0.3	0.000279752	1.5654E-06	0.000474075
Rt3	W09	85	70	0.8	0.3	0.000280469	1.26134E-06	0.000440733
Rt3	W10	85	70	0.8	0.3	0.000265755	2.25937E-06	0.000416667
Rt3	W11	85	70	0.8	0.3	0.000212191	8.20055E-06	0.000288883
Rt3	W12	85	70	0.8	0.3	0.000214973	7.10614E-06	0.000505555
Rt3	W13	85	70	0.8	0.3	0.000208641	6.00947E-06	0.000287033
Rt3	W14	85	70	0.8	0.3	0.000214154	7.43575E-06	0.000390742
Rt3	W15	85	70	0.8	0.3	0.0002606	1.43399E-06	0.000279633
Rt3	W16	85	70	0.8	0.3	0.000130838	1.08093E-05	0.000493517
Rt3	W01	85	70	0.8	0.4	0.000142257	8.64693E-06	0.000443517
Rt3	W02	85	70	0.8	0.4	0.000203844	7.57121E-06	0.000479633
Rt3	W03	85	70	0.8	0.4	0.000197819	4.97423E-06	0.000437967
Rt3	W04	85	70	0.8	0.4	0.000230353	5.45796E-06	0.000507408
Rt3	W05	85	70	0.8	0.4	0.000216919	3.49584E-06	0.000449075
Rt3	W06	85	70	0.8	0.4	0.000269442	1.62375E-06	0.000505555
Rt3	W07	85	70	0.8	0.4	0.000278523	1.35133E-06	0.000508333
Rt3	W08	85	70	0.8	0.4	0.000275212	2.07277E-06	0.000490742
Rt3	W09	85	70	0.8	0.4	0.000272702	1.82804E-06	0.000465742
Rt3	W10	85	70	0.8	0.4	0.000258842	2.96841E-06	0.000441667
Rt3	W11	85	70	0.8	0.4	0.000199935	9.491E-06	0.000316667
Rt3	W12	85	70	0.8	0.4	0.000207924	8.28103E-06	0.000513892
Rt3	W13	85	70	0.8	0.4	0.000209119	7.17851E-06	0.000316667
Rt3	W14	85	70	0.8	0.4	0.000217739	8.55119E-06	0.000421292
Rt3	W15	85	70	0.8	0.4	0.000266557	2.18238E-06	0.000319442
Rt3	W16	85	70	0.8	0.4	0.000125171	1.16554E-05	0.000505558
Rt3	W01	85	70	0.94	0.2	0.000115868	4.96361E-06	0.000444442
Rt3	W02	85	70	0.94	0.2	0.000177915	4.46566E-06	0.000431483
Rt3	W03	85	70	0.94	0.2	0.000168476	2.61418E-06	0.000438892
Rt3	W04	85	70	0.94	0.2	0.000198279	2.93735E-06	0.000490742



## Zone Deadband db

Rt3	W05	85	70	0.94	0.2	0.000215383	1.49861E-06	0.000452783
Rt3	W06	85	70	0.94	0.2	0.000262307	5.09127E-07	0.000513883
Rt3	W07	85	70	0.94	0.2	0.000278506	3.66419E-07	0.0005287
Rt3	W08	85	70	0.94	0.2	0.000268469	8.36583E-07	0.000450925
Rt3	W09	85	70	0.94	0.2	0.000258671	6.18898E-07	0.000411108
Rt3	W10	85	70	0.94	0.2	0.000247013	1.3053E-06	0.000388892
Rt3	W11	85	70	0.94	0.2	0.000180356	6.33994E-06	0.000252783
Rt3	W12	85	70	0.94	0.2	0.000181329	5.32014E-06	0.000489817
Rt3	W13	85	70	0.94	0.2	0.000170576	4.32927E-06	0.0002463
Rt3	W14	85	70	0.94	0.2	0.000175304	5.58507E-06	0.000354625
Rt3	W15	85	70	0.94	0.2	0.000244708	7.43201E-07	0.000237958
Rt3	W16	85	70	0.94	0.2	0.000127082	9.85791E-06	0.000475
Rt3	W01	85	70	0.94	0.3	0.000135856	6.4175E-06	0.000440742
Rt3	W02	85	70	0.94	0.3	0.000209784	5.42421E-06	0.000458333
Rt3	W03	85	70	0.94	0.3	0.000189233	3.44681E-06	0.000439817
Rt3	W04	85	70	0.94	0.3	0.000217414	3.91069E-06	0.000504633
Rt3	W05	85	70	0.94	0.3	0.000222416	2.30806E-06	0.000451858
Rt3	W06	85	70	0.94	0.3	0.00027301	9.09733E-07	0.000512033
Rt3	W07	85	70	0.94	0.3	0.000281783	7.02101E-07	0.000519442
Rt3	W08	85	70	0.94	0.3	0.000279752	1.33374E-06	0.000474075
Rt3	W09	85	70	0.94	0.3	0.000280469	1.07503E-06	0.000440733
Rt3	W10	85	70	0.94	0.3	0.000265755	1.92433E-06	0.000416667
Rt3	W11	85	70	0.94	0.3	0.000212191	6.98006E-06	0.000288883
Rt3	W12	85	70	0.94	0.3	0.000214973	6.04885E-06	0.00050555
Rt3	W13	85	70	0.94	0.3	0.000208641	5.11539E-06	0.000287033
Rt3	W14	85	70	0.94	0.3	0.000214154	6.32927E-06	0.000390742
Rt3	W15	85	70	0.94	0.3	0.0002606	1.22164E-06	0.000279633
Rt3	W16	85	70	0.94	0.3	0.000130838	9.19961E-06	0.000493517
Rt3	W01	85	70	0.94	0.4	0.000142257	7.36E-06	0.000443517
Rt3	W02	85	70	0.94	0.4	0.000203844	6.44461E-06	0.000479633
Rt3	W03	85	70	0.94	0.4	0.000197819	4.23462E-06	0.000437967
Rt3	W04	85	70	0.94	0.4	0.000230353	4.6463E-06	0.000507408
Rt3	W05	85	70	0.94	0.4	0.000216919	2.9766E-06	0.000449075
Rt3	W06	85	70	0.94	0.4	0.000269442	1.38339E-06	0.00050555
Rt3	W07	85	70	0.94	0.4	0.000278523	1.15157E-06	0.000508333
Rt3	W08	85	70	0.94	0.4	0.000275212	1.76548E-06	0.000490742
Rt3	W09	85	70	0.94	0.4	0.000272702	1.55725E-06	0.000465742
Rt3	W10	85	70	0.94	0.4	0.000258842	2.52768E-06	0.000441667
Rt3	W11	85	70	0.94	0.4	0.000199935	8.0782E-06	0.000316667
Rt3	W12	85	70	0.94	0.4	0.000207924	7.04858E-06	0.000513892
Rt3	W13	85	70	0.94	0.4	0.000209119	6.11022E-06	0.000316667
Rt3	W14	85	70	0.94	0.4	0.000217739	7.27847E-06	0.000421292
Rt3	W15	85	70	0.94	0.4	0.000266557	1.85855E-06	0.000319442
Rt3	W16	85	70	0.94	0.4	0.000125171	9.9196E-06	0.00050555
Rt3	W01	96	70	0.8	0.2	0.000132391	5.3157E-06	0.000337967
Rt3	W02	96	70	0.8	0.2	0.000169927	4.86537E-06	0.000416667
Rt3	W03	96	70	0.8	0.2	0.000175731	2.67695E-06	0.000359258
Rt3	W04	96	70	0.8	0.2	0.00020113	3.02948E-06	0.0004787
Rt3	W05	96	70	0.8	0.2	0.000201727	1.44543E-06	0.0003824
Rt3	W06	96	70	0.8	0.2	0.000246193	4.25632E-07	0.0004463
Rt3	W07	96	70	0.8	0.2	0.000250836	3.06867E-07	0.000460192
Rt3	W08	96	70	0.8	0.2	0.000241875	8.1066E-07	0.000429625
Rt3	W09	96	70	0.8	0.2	0.000237608	5.87894E-07	0.000431483
Rt3	W10	96	70	0.8	0.2	0.000219548	1.29767E-06	0.000366667
Rt3	W11	96	70	0.8	0.2	0.000169125	7.20902E-06	0.000172225
Rt3	W12	96	70	0.8	0.2	0.000179537	6.00239E-06	0.000457408
Rt3	W13	96	70	0.8	0.2	0.00018814	4.91634E-06	0.000360183
Rt3	W14	96	70	0.8	0.2	0.000161751	6.38828E-06	0.00036945
Rt3	W15	96	70	0.8	0.2	0.000223286	7.4532E-07	0.0002713
Rt3	W16	96	70	0.8	0.2	0.000116431	1.16695E-05	0.00045185
Rt3	W01	96	70	0.8	0.3	0.000139236	7.24945E-06	0.000333333
Rt3	W02	96	70	0.8	0.3	0.0001829	6.41353E-06	0.000436108
Rt3	W03	96	70	0.8	0.3	0.000179247	3.81032E-06	0.000359258
Rt3	W04	96	70	0.8	0.3	0.000212754	4.33794E-06	0.000477783
Rt3	W05	96	70	0.8	0.3	0.000189454	2.33004E-06	0.00038055
Rt3	W06	96	70	0.8	0.3	0.000231445	8.75729E-07	0.000437033
Rt3	W07	96	70	0.8	0.3	0.000242967	6.5457E-07	0.000447225
Rt3	W08	96	70	0.8	0.3	0.000236737	1.39646E-06	0.000437958
Rt3	W09	96	70	0.8	0.3	0.000236242	1.10489E-06	0.000456483
Rt3	W10	96	70	0.8	0.3	0.000218797	2.15045E-06	0.000388892
Rt3	W11	96	70	0.8	0.3	0.000182866	8.22465E-06	0.000199075
Rt3	W12	96	70	0.8	0.3	0.000193517	7.18017E-06	0.000460183
Rt3	W13	96	70	0.8	0.3	0.000200157	6.07272E-06	0.000389817



## Zone Deadband db

Rt3	W14	96	70	0.8	0.3	0.000182251	7.47455E-06	0.000397225
Rt3	W15	96	70	0.8	0.3	0.000228083	1.42037E-06	0.000315742
Rt3	W16	96	70	0.8	0.3	0.000131128	1.13936E-05	0.000455558
Rt3	W01	96	70	0.8	0.4	0.000120477	8.98573E-06	0.000334258
Rt3	W02	96	70	0.8	0.4	0.000167554	7.8473E-06	0.00045
Rt3	W03	96	70	0.8	0.4	0.000167213	5.08518E-06	0.000360183
Rt3	W04	96	70	0.8	0.4	0.000194917	5.55292E-06	0.00046945
Rt3	W05	96	70	0.8	0.4	0.000179588	3.44419E-06	0.000376858
Rt3	W06	96	70	0.8	0.4	0.000231019	1.49263E-06	0.000427775
Rt3	W07	96	70	0.8	0.4	0.000238751	1.24051E-06	0.000434258
Rt3	W08	96	70	0.8	0.4	0.00023148	2.04875E-06	0.000433333
Rt3	W09	96	70	0.8	0.4	0.000233562	1.74845E-06	0.00047315
Rt3	W10	96	70	0.8	0.4	0.000217431	3.01346E-06	0.000405558
Rt3	W11	96	70	0.8	0.4	0.000163372	9.51663E-06	0.000222225
Rt3	W12	96	70	0.8	0.4	0.000174228	8.38693E-06	0.000456483
Rt3	W13	96	70	0.8	0.4	0.000193961	7.29056E-06	0.000411108
Rt3	W14	96	70	0.8	0.4	0.00018191	8.79738E-06	0.000419442
Rt3	W15	96	70	0.8	0.4	0.000231855	2.22557E-06	0.00035
Rt3	W16	96	70	0.8	0.4	9.74669E-05	1.16544E-05	0.000449075
Rt3	W01	96	70	0.94	0.2	0.000132391	4.52564E-06	0.000337967
Rt3	W02	96	70	0.94	0.2	0.000169927	4.14235E-06	0.000416667
Rt3	W03	96	70	0.94	0.2	0.000175731	2.27992E-06	0.000359258
Rt3	W04	96	70	0.94	0.2	0.00020113	2.57994E-06	0.0004787
Rt3	W05	96	70	0.94	0.2	0.000201727	1.23185E-06	0.0003824
Rt3	W06	96	70	0.94	0.2	0.000246193	3.63925E-07	0.0004463
Rt3	W07	96	70	0.94	0.2	0.000250836	2.62862E-07	0.000460192
Rt3	W08	96	70	0.94	0.2	0.000241875	6.91549E-07	0.000429625
Rt3	W09	96	70	0.94	0.2	0.000237608	5.02018E-07	0.000431483
Rt3	W10	96	70	0.94	0.2	0.000219548	1.10601E-06	0.000366667
Rt3	W11	96	70	0.94	0.2	0.000169125	6.13657E-06	0.000172225
Rt3	W12	96	70	0.94	0.2	0.000179537	5.10984E-06	0.000457408
Rt3	W13	96	70	0.94	0.2	0.00018814	4.18549E-06	0.000360183
Rt3	W14	96	70	0.94	0.2	0.000161751	5.43819E-06	0.00036945
Rt3	W15	96	70	0.94	0.2	0.000223286	6.35699E-07	0.0002713
Rt3	W16	96	70	0.94	0.2	0.000116431	9.93211E-06	0.00045185
Rt3	W01	96	70	0.94	0.3	0.000139236	6.171E-06	0.000333333
Rt3	W02	96	70	0.94	0.3	0.0001829	5.4596E-06	0.000436108
Rt3	W03	96	70	0.94	0.3	0.000179247	3.2443E-06	0.000359258
Rt3	W04	96	70	0.94	0.3	0.000212754	3.69333E-06	0.000477783
Rt3	W05	96	70	0.94	0.3	0.000189454	1.98462E-06	0.00038055
Rt3	W06	96	70	0.94	0.3	0.000231445	7.46922E-07	0.000437033
Rt3	W07	96	70	0.94	0.3	0.000242967	5.58724E-07	0.000447225
Rt3	W08	96	70	0.94	0.3	0.000236737	1.19005E-06	0.000437958
Rt3	W09	96	70	0.94	0.3	0.000236242	9.41965E-07	0.000456483
Rt3	W10	96	70	0.94	0.3	0.000218797	1.83173E-06	0.000388892
Rt3	W11	96	70	0.94	0.3	0.000182866	7.00061E-06	0.000199075
Rt3	W12	96	70	0.94	0.3	0.000193517	6.11189E-06	0.000460183
Rt3	W13	96	70	0.94	0.3	0.000200157	5.16936E-06	0.000389817
Rt3	W14	96	70	0.94	0.3	0.000182251	6.36233E-06	0.000397225
Rt3	W15	96	70	0.94	0.3	0.000228083	1.21019E-06	0.000315742
Rt3	W16	96	70	0.94	0.3	0.000131128	9.69685E-06	0.000455558
Rt3	W01	96	70	0.94	0.4	0.000120477	7.64821E-06	0.000334258
Rt3	W02	96	70	0.94	0.4	0.000167554	6.67947E-06	0.00045
Rt3	W03	96	70	0.94	0.4	0.000167213	4.329E-06	0.000360183
Rt3	W04	96	70	0.94	0.4	0.000194917	4.72706E-06	0.00046945
Rt3	W05	96	70	0.94	0.4	0.000179588	2.93261E-06	0.000376858
Rt3	W06	96	70	0.94	0.4	0.000231019	1.27184E-06	0.000427775
Rt3	W07	96	70	0.94	0.4	0.000238751	1.0573E-06	0.000434258
Rt3	W08	96	70	0.94	0.4	0.00023148	1.74507E-06	0.000433333
Rt3	W09	96	70	0.94	0.4	0.000233562	1.48956E-06	0.00047315
Rt3	W10	96	70	0.94	0.4	0.000217431	2.56606E-06	0.000405558
Rt3	W11	96	70	0.94	0.4	0.000163372	8.09996E-06	0.000222225
Rt3	W12	96	70	0.94	0.4	0.000174228	7.13866E-06	0.000456483
Rt3	W13	96	70	0.94	0.4	0.000193961	6.20567E-06	0.000411108
Rt3	W14	96	70	0.94	0.4	0.00018191	7.48793E-06	0.000419442
Rt3	W15	96	70	0.94	0.4	0.000231855	1.89541E-06	0.00035
Rt3	W16	96	70	0.94	0.4	9.74669E-05	9.91858E-06	0.000449075
Rt3	W01	3	70	0.8	0.2	0.000154291	6.01733E-06	0.000220375
Rt3	W02	3	70	0.8	0.2	0.000181022	5.40327E-06	0.000462033
Rt3	W03	3	70	0.8	0.2	0.000178376	3.12519E-06	0.000312033
Rt3	W04	3	70	0.8	0.2	0.000215537	3.50741E-06	0.000436117
Rt3	W05	3	70	0.8	0.2	0.000170763	1.73925E-06	0.00030555
Rt3	W06	3	70	0.8	0.2	0.000198296	8.99454E-07	0.000322225

## Zone Deadband db

Rt3	W07	3	70	0.8	0.2	0.000205551	6.92419E-07	0.000365742
Rt3	W08	3	70	0.8	0.2	0.000211167	1.31835E-06	0.000385192
Rt3	W09	3	70	0.8	0.2	0.000210638	8.64325E-07	0.000483333
Rt3	W10	3	70	0.8	0.2	0.000200225	1.53645E-06	0.000413892
Rt3	W11	3	70	0.8	0.2	0.000189898	7.63222E-06	0.000257408
Rt3	W12	3	70	0.8	0.2	0.000201642	6.37191E-06	0.000416667
Rt3	W13	3	70	0.8	0.2	0.000222552	5.27258E-06	0.000489808
Rt3	W14	3	70	0.8	0.2	0.000192578	7.12718E-06	0.000435183
Rt3	W15	3	70	0.8	0.2	0.000220094	9.91033E-07	0.000415742
Rt3	W16	3	70	0.8	0.2	0.000123566	1.22459E-05	0.000368517
Rt3	W01	3	70	0.8	0.3	0.000176055	8.54162E-06	0.000224075
Rt3	W02	3	70	0.8	0.3	0.000194285	7.52159E-06	0.000445375
Rt3	W03	3	70	0.8	0.3	0.000201062	4.66062E-06	0.000295367
Rt3	W04	3	70	0.8	0.3	0.000234296	5.16443E-06	0.000425
Rt3	W05	3	70	0.8	0.3	0.000185238	2.87883E-06	0.000286117
Rt3	W06	3	70	0.8	0.3	0.00020451	1.53456E-06	0.000308333
Rt3	W07	3	70	0.8	0.3	0.000207224	1.22733E-06	0.00035
Rt3	W08	3	70	0.8	0.3	0.000217517	2.03895E-06	0.00037315
Rt3	W09	3	70	0.8	0.3	0.000218916	1.51418E-06	0.00047315
Rt3	W10	3	70	0.8	0.3	0.000211406	2.66987E-06	0.000404633
Rt3	W11	3	70	0.8	0.3	0.000189301	9.06188E-06	0.000279625
Rt3	W12	3	70	0.8	0.3	0.000204544	7.89637E-06	0.000404625
Rt3	W13	3	70	0.8	0.3	0.000229397	6.91796E-06	0.000498142
Rt3	W14	3	70	0.8	0.3	0.000201028	8.65724E-06	0.000445367
Rt3	W15	3	70	0.8	0.3	0.000230933	1.82191E-06	0.000439817
Rt3	W16	3	70	0.8	0.3	0.000138997	1.23971E-05	0.000352775
Rt3	W01	3	70	0.8	0.4	0.000167469	1.11205E-05	0.000245367
Rt3	W02	3	70	0.8	0.4	0.000173972	9.46491E-06	0.000432408
Rt3	W03	3	70	0.8	0.4	0.000198109	6.60597E-06	0.000279633
Rt3	W04	3	70	0.8	0.4	0.000218387	6.84173E-06	0.000402775
Rt3	W05	3	70	0.8	0.4	0.000186928	4.57718E-06	0.000262958
Rt3	W06	3	70	0.8	0.4	0.00021499	2.45603E-06	0.0002926
Rt3	W07	3	70	0.8	0.4	0.000210518	2.04663E-06	0.000330558
Rt3	W08	3	70	0.8	0.4	0.000217687	3.22407E-06	0.000354633
Rt3	W09	3	70	0.8	0.4	0.000221648	2.58322E-06	0.000457408
Rt3	W10	3	70	0.8	0.4	0.000213113	4.20698E-06	0.000395367
Rt3	W11	3	70	0.8	0.4	0.000167844	1.06888E-05	0.000295367
Rt3	W12	3	70	0.8	0.4	0.000181807	9.55327E-06	0.000384258
Rt3	W13	3	70	0.8	0.4	0.000214017	8.44608E-06	0.0005
Rt3	W14	3	70	0.8	0.4	0.000181449	1.02947E-05	0.000452783
Rt3	W15	3	70	0.8	0.4	0.000234569	3.08816E-06	0.00045555
Rt3	W16	3	70	0.8	0.4	0.000100403	1.29861E-05	0.000331475
Rt3	W01	3	70	0.94	0.2	0.000154291	5.12242E-06	0.000220375
Rt3	W02	3	70	0.94	0.2	0.000181022	4.59985E-06	0.000462033
Rt3	W03	3	70	0.94	0.2	0.000178376	2.66111E-06	0.000312033
Rt3	W04	3	70	0.94	0.2	0.000215537	2.98641E-06	0.000436117
Rt3	W05	3	70	0.94	0.2	0.000170763	1.48164E-06	0.00030555
Rt3	W06	3	70	0.94	0.2	0.000198296	7.66926E-07	0.000322225
Rt3	W07	3	70	0.94	0.2	0.000205551	5.90719E-07	0.000365742
Rt3	W08	3	70	0.94	0.2	0.000211167	1.12339E-06	0.000385192
Rt3	W09	3	70	0.94	0.2	0.000210638	7.37003E-07	0.000483333
Rt3	W10	3	70	0.94	0.2	0.000200225	1.30894E-06	0.000413892
Rt3	W11	3	70	0.94	0.2	0.000189898	6.49655E-06	0.000257408
Rt3	W12	3	70	0.94	0.2	0.000201642	5.42406E-06	0.000416667
Rt3	W13	3	70	0.94	0.2	0.000222552	4.4885E-06	0.000489808
Rt3	W14	3	70	0.94	0.2	0.000192578	6.06681E-06	0.000435183
Rt3	W15	3	70	0.94	0.2	0.000220094	8.44679E-07	0.000415742
Rt3	W16	3	70	0.94	0.2	0.000123566	1.04226E-05	0.000368517
Rt3	W01	3	70	0.94	0.3	0.000176055	7.27045E-06	0.000224075
Rt3	W02	3	70	0.94	0.3	0.000194285	6.4024E-06	0.000445375
Rt3	W03	3	70	0.94	0.3	0.000201062	3.96772E-06	0.000295367
Rt3	W04	3	70	0.94	0.3	0.000234296	4.39647E-06	0.000425
Rt3	W05	3	70	0.94	0.3	0.000185238	2.45141E-06	0.000286117
Rt3	W06	3	70	0.94	0.3	0.00020451	1.30739E-06	0.000308333
Rt3	W07	3	70	0.94	0.3	0.000207224	1.04592E-06	0.00035
Rt3	W08	3	70	0.94	0.3	0.000217517	1.73662E-06	0.00037315
Rt3	W09	3	70	0.94	0.3	0.000218916	1.29004E-06	0.00047315
Rt3	W10	3	70	0.94	0.3	0.000211406	2.2735E-06	0.000404633
Rt3	W11	3	70	0.94	0.3	0.000189301	7.71301E-06	0.000279625
Rt3	W12	3	70	0.94	0.3	0.000204544	6.72122E-06	0.000404625
Rt3	W13	3	70	0.94	0.3	0.000229397	5.8886E-06	0.000498142
Rt3	W14	3	70	0.94	0.3	0.000201028	7.36874E-06	0.000445367
Rt3	W15	3	70	0.94	0.3	0.000230933	1.55178E-06	0.000439817

## Zone Deadband db

Rt3	W16	3	70	0.94	0.3	0.000138997	1.0551E-05	0.000352775
Rt3	W01	3	70	0.94	0.4	0.000167469	9.46485E-06	0.000245367
Rt3	W02	3	70	0.94	0.4	0.000173972	8.05601E-06	0.000432408
Rt3	W03	3	70	0.94	0.4	0.000198109	5.62311E-06	0.000279633
Rt3	W04	3	70	0.94	0.4	0.000218387	5.82374E-06	0.000402775
Rt3	W05	3	70	0.94	0.4	0.000186928	3.89665E-06	0.000262958
Rt3	W06	3	70	0.94	0.4	0.00021499	2.09155E-06	0.0002926
Rt3	W07	3	70	0.94	0.4	0.000210518	1.74313E-06	0.000330558
Rt3	W08	3	70	0.94	0.4	0.000217687	2.74514E-06	0.000354633
Rt3	W09	3	70	0.94	0.4	0.000221648	2.19977E-06	0.000457408
Rt3	W10	3	70	0.94	0.4	0.000213113	3.58158E-06	0.000395367
Rt3	W11	3	70	0.94	0.4	0.000167844	9.09742E-06	0.000295367
Rt3	W12	3	70	0.94	0.4	0.000181807	8.13116E-06	0.000384258
Rt3	W13	3	70	0.94	0.4	0.000214017	7.18896E-06	0.0005
Rt3	W14	3	70	0.94	0.4	0.000181449	8.76212E-06	0.000452783
Rt3	W15	3	70	0.94	0.4	0.000234569	2.62942E-06	0.00045555
Rt3	W16	3	70	0.94	0.4	0.000100403	1.10522E-05	0.000331475
Rt3	W01	5	70	0.8	0.2	0.000140721	6.051E-06	0.000235183
Rt3	W02	5	70	0.8	0.2	0.000172197	5.37537E-06	0.000465742
Rt3	W03	5	70	0.8	0.2	0.000174024	3.12921E-06	0.000315742
Rt3	W04	5	70	0.8	0.2	0.000209767	3.51817E-06	0.000432408
Rt3	W05	5	70	0.8	0.2	0.000171054	1.73528E-06	0.000306483
Rt3	W06	5	70	0.8	0.2	0.000202632	9.04587E-07	0.000329633
Rt3	W07	5	70	0.8	0.2	0.000211082	6.81439E-07	0.000366667
Rt3	W08	5	70	0.8	0.2	0.000213608	1.32145E-06	0.000384258
Rt3	W09	5	70	0.8	0.2	0.000211986	8.5169E-07	0.000481483
Rt3	W10	5	70	0.8	0.2	0.000200413	1.53504E-06	0.000413892
Rt3	W11	5	70	0.8	0.2	0.000181039	7.55336E-06	0.000251858
Rt3	W12	5	70	0.8	0.2	0.000192373	6.34779E-06	0.000415742
Rt3	W13	5	70	0.8	0.2	0.000215759	5.23474E-06	0.000488892
Rt3	W14	5	70	0.8	0.2	0.000184794	7.0712E-06	0.000435183
Rt3	W15	5	70	0.8	0.2	0.000221374	9.72885E-07	0.000414817
Rt3	W16	5	70	0.8	0.2	0.000117524	1.20993E-05	0.000370367
Rt3	W01	5	70	0.8	0.3	0.000155665	8.55648E-06	0.000240742
Rt3	W02	5	70	0.8	0.3	0.000181739	7.47704E-06	0.00044815
Rt3	W03	5	70	0.8	0.3	0.000190871	4.64535E-06	0.000300925
Rt3	W04	5	70	0.8	0.3	0.00022344	5.14248E-06	0.000420367
Rt3	W05	5	70	0.8	0.3	0.000182012	2.85093E-06	0.000289808
Rt3	W06	5	70	0.8	0.3	0.00020806	1.52558E-06	0.0003176
Rt3	W07	5	70	0.8	0.3	0.000213232	1.21659E-06	0.0003537
Rt3	W08	5	70	0.8	0.3	0.000218865	2.05241E-06	0.00037315
Rt3	W09	5	70	0.8	0.3	0.000218729	1.51067E-06	0.000469442
Rt3	W10	5	70	0.8	0.3	0.000209084	2.66199E-06	0.000405558
Rt3	W11	5	70	0.8	0.3	0.000180066	8.95383E-06	0.000272225
Rt3	W12	5	70	0.8	0.3	0.000194712	7.84255E-06	0.0004037
Rt3	W13	5	70	0.8	0.3	0.000220726	6.88451E-06	0.000497225
Rt3	W14	5	70	0.8	0.3	0.000190683	8.60395E-06	0.000445367
Rt3	W15	5	70	0.8	0.3	0.000231155	1.82681E-06	0.000438892
Rt3	W16	5	70	0.8	0.3	0.000129575	1.22223E-05	0.000355558
Rt3	W01	5	70	0.8	0.4	0.000147242	1.11128E-05	0.000262958
Rt3	W02	5	70	0.8	0.4	0.000163526	9.40468E-06	0.000435183
Rt3	W03	5	70	0.8	0.4	0.000187235	6.58338E-06	0.000287967
Rt3	W04	5	70	0.8	0.4	0.000208965	6.79313E-06	0.0004
Rt3	W05	5	70	0.8	0.4	0.000180664	4.57314E-06	0.000267592
Rt3	W06	5	70	0.8	0.4	0.000214734	2.48415E-06	0.000303708
Rt3	W07	5	70	0.8	0.4	0.000215161	2.01794E-06	0.000337042
Rt3	W08	5	70	0.8	0.4	0.000217414	3.20763E-06	0.000354633
Rt3	W09	5	70	0.8	0.4	0.000219941	2.59457E-06	0.00045555
Rt3	W10	5	70	0.8	0.4	0.00020905	4.18975E-06	0.000394442
Rt3	W11	5	70	0.8	0.4	0.000161955	1.05391E-05	0.000289817
Rt3	W12	5	70	0.8	0.4	0.000174638	9.45388E-06	0.000384258
Rt3	W13	5	70	0.8	0.4	0.000207053	8.32195E-06	0.00049815
Rt3	W14	5	70	0.8	0.4	0.000174246	1.01479E-05	0.000452775
Rt3	W15	5	70	0.8	0.4	0.00023346	3.0387E-06	0.000454625
Rt3	W16	5	70	0.8	0.4	9.79448E-05	1.28798E-05	0.000333333
Rt3	W01	5	70	0.94	0.2	0.000140721	5.1511E-06	0.000235183
Rt3	W02	5	70	0.94	0.2	0.000172197	4.57609E-06	0.000465742
Rt3	W03	5	70	0.94	0.2	0.000174024	2.66452E-06	0.000315742
Rt3	W04	5	70	0.94	0.2	0.000209767	2.99556E-06	0.000432408
Rt3	W05	5	70	0.94	0.2	0.000171054	1.47827E-06	0.000306483
Rt3	W06	5	70	0.94	0.2	0.000202632	7.71291E-07	0.000329633
Rt3	W07	5	70	0.94	0.2	0.000211082	5.8136E-07	0.000366667
Rt3	W08	5	70	0.94	0.2	0.000213608	1.12604E-06	0.000384258

## Zone Deadband db

Rt3	W09	5	70	0.94	0.2	0.000211986	7.26263E-07	0.000481483
Rt3	W10	5	70	0.94	0.2	0.000200413	1.30774E-06	0.000413892
Rt3	W11	5	70	0.94	0.2	0.000181039	6.4294E-06	0.000251858
Rt3	W12	5	70	0.94	0.2	0.000192373	5.40352E-06	0.000415742
Rt3	W13	5	70	0.94	0.2	0.000215759	4.45628E-06	0.000488892
Rt3	W14	5	70	0.94	0.2	0.000184794	6.01915E-06	0.000435183
Rt3	W15	5	70	0.94	0.2	0.000221374	8.29228E-07	0.000414817
Rt3	W16	5	70	0.94	0.2	0.000117524	1.02977E-05	0.000370367
Rt3	W01	5	70	0.94	0.3	0.000155665	7.28308E-06	0.000240742
Rt3	W02	5	70	0.94	0.3	0.000181739	6.36447E-06	0.00044815
Rt3	W03	5	70	0.94	0.3	0.000190871	3.95471E-06	0.000300925
Rt3	W04	5	70	0.94	0.3	0.00022344	4.37778E-06	0.000420367
Rt3	W05	5	70	0.94	0.3	0.000182012	2.42766E-06	0.000289808
Rt3	W06	5	70	0.94	0.3	0.00020806	1.29975E-06	0.0003176
Rt3	W07	5	70	0.94	0.3	0.000213232	1.03678E-06	0.0003537
Rt3	W08	5	70	0.94	0.3	0.000218865	1.74807E-06	0.00037315
Rt3	W09	5	70	0.94	0.3	0.000218729	1.28704E-06	0.000469442
Rt3	W10	5	70	0.94	0.3	0.000209084	2.2668E-06	0.000405558
Rt3	W11	5	70	0.94	0.3	0.000180066	7.62104E-06	0.000272225
Rt3	W12	5	70	0.94	0.3	0.000194712	6.67542E-06	0.0004037
Rt3	W13	5	70	0.94	0.3	0.000220726	5.86012E-06	0.000497225
Rt3	W14	5	70	0.94	0.3	0.000190683	7.32336E-06	0.000445367
Rt3	W15	5	70	0.94	0.3	0.000231155	1.55595E-06	0.000438892
Rt3	W16	5	70	0.94	0.3	0.000129575	1.04022E-05	0.000355558
Rt3	W01	5	70	0.94	0.4	0.000147242	9.45833E-06	0.000262958
Rt3	W02	5	70	0.94	0.4	0.000163526	8.00473E-06	0.000435183
Rt3	W03	5	70	0.94	0.4	0.000187235	5.60387E-06	0.000287967
Rt3	W04	5	70	0.94	0.4	0.000208965	5.78236E-06	0.0004
Rt3	W05	5	70	0.94	0.4	0.000180664	3.89321E-06	0.000267592
Rt3	W06	5	70	0.94	0.4	0.000214734	2.11546E-06	0.000303708
Rt3	W07	5	70	0.94	0.4	0.000215161	1.71871E-06	0.000337042
Rt3	W08	5	70	0.94	0.4	0.000217414	2.73116E-06	0.000354633
Rt3	W09	5	70	0.94	0.4	0.000219941	2.20943E-06	0.00045555
Rt3	W10	5	70	0.94	0.4	0.00020905	3.5669E-06	0.000394442
Rt3	W11	5	70	0.94	0.4	0.000161955	8.96996E-06	0.000289817
Rt3	W12	5	70	0.94	0.4	0.000174638	8.04655E-06	0.000384258
Rt3	W13	5	70	0.94	0.4	0.000207053	7.08332E-06	0.00049815
Rt3	W14	5	70	0.94	0.4	0.000174246	8.63717E-06	0.000452775
Rt3	W15	5	70	0.94	0.4	0.00023346	2.58731E-06	0.000454625
Rt3	W16	5	70	0.94	0.4	9.79448E-05	1.09615E-05	0.000333333
Rt3	W01	75	72	0.8	0.2	7.22382E-05	1.20585E-05	0.000260192
Rt3	W02	75	72	0.8	0.2	0.000143759	9.28194E-06	0.000485183
Rt3	W03	75	72	0.8	0.2	0.000128038	7.5163E-06	0.000389808
Rt3	W04	75	72	0.8	0.2	0.000159361	7.45152E-06	0.000439817
Rt3	W05	75	72	0.8	0.2	0.000178052	6.06508E-06	0.000387033
Rt3	W06	75	72	0.8	0.2	0.000203571	3.89574E-06	0.000360183
Rt3	W07	75	72	0.8	0.2	0.000213096	3.23277E-06	0.0004037
Rt3	W08	75	72	0.8	0.2	0.000226546	3.91154E-06	0.000434267
Rt3	W09	75	72	0.8	0.2	0.000216783	3.71159E-06	0.000475
Rt3	W10	75	72	0.8	0.2	0.00022315	4.76832E-06	0.000479633
Rt3	W11	75	72	0.8	0.2	0.000159122	1.05835E-05	0.000421292
Rt3	W12	75	72	0.8	0.2	0.000141882	9.6086E-06	0.000456483
Rt3	W13	75	72	0.8	0.2	0.00018092	8.16813E-06	0.000397225
Rt3	W14	75	72	0.8	0.2	0.000158337	9.94439E-06	0.000426858
Rt3	W15	75	72	0.8	0.2	0.00024645	3.45076E-06	0.000370375
Rt3	W16	75	72	0.8	0.2	8.10119E-05	1.4406E-05	0.00044815
Rt3	W01	75	72	0.8	0.3	9.81838E-05	1.47643E-05	0.00027315
Rt3	W02	75	72	0.8	0.3	0.000159941	1.13413E-05	0.000478708
Rt3	W03	75	72	0.8	0.3	0.000145808	1.02021E-05	0.000399075
Rt3	W04	75	72	0.8	0.3	0.000172948	9.28911E-06	0.000437033
Rt3	W05	75	72	0.8	0.3	0.000170968	8.60144E-06	0.000386108
Rt3	W06	75	72	0.8	0.3	0.000200277	5.86789E-06	0.000358333
Rt3	W07	75	72	0.8	0.3	0.000209733	5.23753E-06	0.000397217
Rt3	W08	75	72	0.8	0.3	0.000223815	5.6975E-06	0.000430558
Rt3	W09	75	72	0.8	0.3	0.000220504	5.70385E-06	0.000472217
Rt3	W10	75	72	0.8	0.3	0.000226034	6.84616E-06	0.000481483
Rt3	W11	75	72	0.8	0.3	0.000179469	1.19968E-05	0.000444442
Rt3	W12	75	72	0.8	0.3	0.000172931	1.12765E-05	0.00045185
Rt3	W13	75	72	0.8	0.3	0.000199474	9.79595E-06	0.000421292
Rt3	W14	75	72	0.8	0.3	0.000189215	1.15324E-05	0.000449075
Rt3	W15	75	72	0.8	0.3	0.00025239	5.10065E-06	0.0004
Rt3	W16	75	72	0.8	0.3	8.82664E-05	1.43285E-05	0.000441667
Rt3	W01	75	72	0.8	0.4	8.75666E-05	1.81198E-05	0.000229633

## Zone Deadband db

Rt3	W02	75	72	0.8	0.4	0.000151594	1.39738E-05	0.000467592
Rt3	W03	75	72	0.8	0.4	0.000131469	1.35468E-05	0.000433333
Rt3	W04	75	72	0.8	0.4	0.000164055	1.16685E-05	0.000435183
Rt3	W05	75	72	0.8	0.4	0.000147071	1.18157E-05	0.000406475
Rt3	W06	75	72	0.8	0.4	0.000177062	8.65283E-06	0.000380558
Rt3	W07	75	72	0.8	0.4	0.000186297	7.98336E-06	0.000397225
Rt3	W08	75	72	0.8	0.4	0.000206097	8.0241E-06	0.000429633
Rt3	W09	75	72	0.8	0.4	0.00020253	8.3594E-06	0.000470367
Rt3	W10	75	72	0.8	0.4	0.000208572	9.31101E-06	0.000480558
Rt3	W11	75	72	0.8	0.4	0.000164277	1.4438E-05	0.000462042
Rt3	W12	75	72	0.8	0.4	0.000155981	1.38085E-05	0.0004463
Rt3	W13	75	72	0.8	0.4	0.00019193	1.19714E-05	0.000440742
Rt3	W14	75	72	0.8	0.4	0.000178991	1.36959E-05	0.000463892
Rt3	W15	75	72	0.8	0.4	0.000243428	7.21396E-06	0.000424075
Rt3	W16	75	72	0.8	0.4	9.07244E-05	1.64588E-05	0.000436108
Rt3	W01	75	72	0.94	0.2	7.22382E-05	1.02641E-05	0.000260192
Rt3	W02	75	72	0.94	0.2	0.000143759	7.90113E-06	0.000485183
Rt3	W03	75	72	0.94	0.2	0.000128038	6.39857E-06	0.000389808
Rt3	W04	75	72	0.94	0.2	0.000159361	6.34342E-06	0.000439817
Rt3	W05	75	72	0.94	0.2	0.000178052	5.16357E-06	0.000387033
Rt3	W06	75	72	0.94	0.2	0.000203571	3.31734E-06	0.000360183
Rt3	W07	75	72	0.94	0.2	0.000213096	2.75312E-06	0.0004037
Rt3	W08	75	72	0.94	0.2	0.000226546	3.33072E-06	0.000434267
Rt3	W09	75	72	0.94	0.2	0.000216783	3.16057E-06	0.000475
Rt3	W10	75	72	0.94	0.2	0.00022315	4.05986E-06	0.000479633
Rt3	W11	75	72	0.94	0.2	0.000159122	9.00847E-06	0.000421292
Rt3	W12	75	72	0.94	0.2	0.000141882	8.17891E-06	0.000456483
Rt3	W13	75	72	0.94	0.2	0.00018092	6.95294E-06	0.000397225
Rt3	W14	75	72	0.94	0.2	0.000158337	8.46467E-06	0.000426858
Rt3	W15	75	72	0.94	0.2	0.00024645	2.93829E-06	0.000370375
Rt3	W16	75	72	0.94	0.2	8.10119E-05	1.2261E-05	0.00044815
Rt3	W01	75	72	0.94	0.3	9.81838E-05	1.25664E-05	0.00027315
Rt3	W02	75	72	0.94	0.3	0.000159941	9.65339E-06	0.000478708
Rt3	W03	75	72	0.94	0.3	0.000145808	8.68406E-06	0.000399075
Rt3	W04	75	72	0.94	0.3	0.000172948	7.90701E-06	0.000437033
Rt3	W05	75	72	0.94	0.3	0.000170968	7.32197E-06	0.000386108
Rt3	W06	75	72	0.94	0.3	0.000200277	4.99564E-06	0.000358333
Rt3	W07	75	72	0.94	0.3	0.000209733	4.45917E-06	0.000397217
Rt3	W08	75	72	0.94	0.3	0.000223815	4.85057E-06	0.000430558
Rt3	W09	75	72	0.94	0.3	0.000220504	4.85599E-06	0.000472217
Rt3	W10	75	72	0.94	0.3	0.000226034	5.82811E-06	0.000481483
Rt3	W11	75	72	0.94	0.3	0.000179469	1.0211E-05	0.000444442
Rt3	W12	75	72	0.94	0.3	0.000172931	9.59808E-06	0.00045185
Rt3	W13	75	72	0.94	0.3	0.000199474	8.33804E-06	0.000421292
Rt3	W14	75	72	0.94	0.3	0.000189215	9.81579E-06	0.000449075
Rt3	W15	75	72	0.94	0.3	0.00025239	4.3424E-06	0.0004
Rt3	W16	75	72	0.94	0.3	8.82664E-05	1.21946E-05	0.000441667
Rt3	W01	75	72	0.94	0.4	8.75666E-05	1.54217E-05	0.000229633
Rt3	W02	75	72	0.94	0.4	0.000151594	1.18934E-05	0.000467592
Rt3	W03	75	72	0.94	0.4	0.000131469	1.15302E-05	0.000433333
Rt3	W04	75	72	0.94	0.4	0.000164055	9.93165E-06	0.000435183
Rt3	W05	75	72	0.94	0.4	0.000147071	1.00571E-05	0.000406475
Rt3	W06	75	72	0.94	0.4	0.000177062	7.3655E-06	0.000380558
Rt3	W07	75	72	0.94	0.4	0.000186297	6.79576E-06	0.000397225
Rt3	W08	75	72	0.94	0.4	0.000206097	6.83041E-06	0.000429633
Rt3	W09	75	72	0.94	0.4	0.00020253	7.1158E-06	0.000470367
Rt3	W10	75	72	0.94	0.4	0.000208572	7.92558E-06	0.000480558
Rt3	W11	75	72	0.94	0.4	0.000164277	1.22882E-05	0.000462042
Rt3	W12	75	72	0.94	0.4	0.000155981	1.17528E-05	0.0004463
Rt3	W13	75	72	0.94	0.4	0.00019193	1.01892E-05	0.000440742
Rt3	W14	75	72	0.94	0.4	0.000178991	1.16568E-05	0.000463892
Rt3	W15	75	72	0.94	0.4	0.000243428	6.14078E-06	0.000424075
Rt3	W16	75	72	0.94	0.4	9.07244E-05	1.40074E-05	0.000436108
Rt3	W01	85	72	0.8	0.2	7.59934E-05	8.63196E-06	0.00032315
Rt3	W02	85	72	0.8	0.2	0.000134815	7.17348E-06	0.0005037
Rt3	W03	85	72	0.8	0.2	0.000118138	4.96835E-06	0.000370375
Rt3	W04	85	72	0.8	0.2	0.000154684	5.19044E-06	0.000447217
Rt3	W05	85	72	0.8	0.2	0.000154957	3.25305E-06	0.00037685
Rt3	W06	85	72	0.8	0.2	0.000193005	1.6477E-06	0.000399075
Rt3	W07	85	72	0.8	0.2	0.000207787	1.35157E-06	0.000409258
Rt3	W08	85	72	0.8	0.2	0.000215998	1.91204E-06	0.00045
Rt3	W09	85	72	0.8	0.2	0.000197477	1.74027E-06	0.00049815
Rt3	W10	85	72	0.8	0.2	0.000204561	2.65363E-06	0.000486117

## Zone Deadband db

Rt3	W11	85	72	0.8	0.2	0.000158866	9.1075E-06	0.000442592
Rt3	W12	85	72	0.8	0.2	0.000147276	7.91938E-06	0.000468517
Rt3	W13	85	72	0.8	0.2	0.000165694	6.72085E-06	0.000437042
Rt3	W14	85	72	0.8	0.2	0.000161597	8.28247E-06	0.000532408
Rt3	W15	85	72	0.8	0.2	0.000242404	1.76305E-06	0.000474075
Rt3	W16	85	72	0.8	0.2	9.91568E-05	1.3788E-05	0.000461108
Rt3	W01	85	72	0.8	0.3	9.68865E-05	1.08641E-05	0.000282408
Rt3	W02	85	72	0.8	0.3	0.000149939	8.71542E-06	0.000491667
Rt3	W03	85	72	0.8	0.3	0.000129933	6.7006E-06	0.000367592
Rt3	W04	85	72	0.8	0.3	0.000158132	6.7188E-06	0.000437042
Rt3	W05	85	72	0.8	0.3	0.00016018	5.07412E-06	0.000370375
Rt3	W06	85	72	0.8	0.3	0.000206268	2.76161E-06	0.000390733
Rt3	W07	85	72	0.8	0.3	0.000213437	2.33172E-06	0.00039815
Rt3	W08	85	72	0.8	0.3	0.00022571	3.14427E-06	0.000439817
Rt3	W09	85	72	0.8	0.3	0.000213966	2.75845E-06	0.000493517
Rt3	W10	85	72	0.8	0.3	0.000218114	4.13237E-06	0.000478708
Rt3	W11	85	72	0.8	0.3	0.000178701	1.03478E-05	0.000462967
Rt3	W12	85	72	0.8	0.3	0.000165165	9.12201E-06	0.00045555
Rt3	W13	85	72	0.8	0.3	0.000192715	7.90335E-06	0.000458333
Rt3	W14	85	72	0.8	0.3	0.000182883	9.48532E-06	0.000539817
Rt3	W15	85	72	0.8	0.3	0.000250819	2.81866E-06	0.000505558
Rt3	W16	85	72	0.8	0.3	9.89007E-05	1.34211E-05	0.000446292
Rt3	W01	85	72	0.8	0.4	8.85907E-05	1.29376E-05	0.000270367
Rt3	W02	85	72	0.8	0.4	0.000142018	1.05679E-05	0.00048055
Rt3	W03	85	72	0.8	0.4	0.000134542	8.62411E-06	0.000381483
Rt3	W04	85	72	0.8	0.4	0.000163236	8.23952E-06	0.000427783
Rt3	W05	85	72	0.8	0.4	0.000148573	6.75207E-06	0.000375925
Rt3	W06	85	72	0.8	0.4	0.000191281	4.03113E-06	0.000392592
Rt3	W07	85	72	0.8	0.4	0.000201028	3.66084E-06	0.000391667
Rt3	W08	85	72	0.8	0.4	0.000208606	4.48278E-06	0.000427775
Rt3	W09	85	72	0.8	0.4	0.000202274	4.21894E-06	0.000485183
Rt3	W10	85	72	0.8	0.4	0.000202974	5.8141E-06	0.000470367
Rt3	W11	85	72	0.8	0.4	0.00015663	1.2015E-05	0.000473142
Rt3	W12	85	72	0.8	0.4	0.000151014	1.08692E-05	0.0004426
Rt3	W13	85	72	0.8	0.4	0.000182456	9.56225E-06	0.000468517
Rt3	W14	85	72	0.8	0.4	0.000176533	1.12134E-05	0.000537033
Rt3	W15	85	72	0.8	0.4	0.000246723	4.30752E-06	0.000525
Rt3	W16	85	72	0.8	0.4	9.38311E-05	1.46936E-05	0.000432408
Rt3	W01	85	72	0.94	0.2	7.59934E-05	7.34793E-06	0.00032315
Rt3	W02	85	72	0.94	0.2	0.000134815	6.10668E-06	0.0005037
Rt3	W03	85	72	0.94	0.2	0.000118138	4.23008E-06	0.000370375
Rt3	W04	85	72	0.94	0.2	0.000154684	4.41909E-06	0.000447217
Rt3	W05	85	72	0.94	0.2	0.000154957	2.77032E-06	0.00037685
Rt3	W06	85	72	0.94	0.2	0.000193005	1.40408E-06	0.000399075
Rt3	W07	85	72	0.94	0.2	0.000207787	1.15207E-06	0.000409258
Rt3	W08	85	72	0.94	0.2	0.000215998	1.62902E-06	0.00045
Rt3	W09	85	72	0.94	0.2	0.000197477	1.48286E-06	0.00049815
Rt3	W10	85	72	0.94	0.2	0.000204561	2.26014E-06	0.000486117
Rt3	W11	85	72	0.94	0.2	0.000158866	7.75232E-06	0.000442592
Rt3	W12	85	72	0.94	0.2	0.000147276	6.74129E-06	0.000468517
Rt3	W13	85	72	0.94	0.2	0.000165694	5.72122E-06	0.000437042
Rt3	W14	85	72	0.94	0.2	0.000161597	7.05032E-06	0.000532408
Rt3	W15	85	72	0.94	0.2	0.000242404	1.50204E-06	0.000474075
Rt3	W16	85	72	0.94	0.2	9.91568E-05	1.1735E-05	0.000461108
Rt3	W01	85	72	0.94	0.3	9.68865E-05	9.24712E-06	0.000282408
Rt3	W02	85	72	0.94	0.3	0.000149939	7.41853E-06	0.000491667
Rt3	W03	85	72	0.94	0.3	0.000129933	5.70405E-06	0.000367592
Rt3	W04	85	72	0.94	0.3	0.000158132	5.7195E-06	0.000437042
Rt3	W05	85	72	0.94	0.3	0.00016018	4.32E-06	0.000370375
Rt3	W06	85	72	0.94	0.3	0.000206268	2.352E-06	0.000390733
Rt3	W07	85	72	0.94	0.3	0.000213437	1.98615E-06	0.00039815
Rt3	W08	85	72	0.94	0.3	0.00022571	2.67763E-06	0.000439817
Rt3	W09	85	72	0.94	0.3	0.000213966	2.34929E-06	0.000493517
Rt3	W10	85	72	0.94	0.3	0.000218114	3.51851E-06	0.000478708
Rt3	W11	85	72	0.94	0.3	0.000178701	8.80744E-06	0.000462967
Rt3	W12	85	72	0.94	0.3	0.000165165	7.76444E-06	0.00045555
Rt3	W13	85	72	0.94	0.3	0.000192715	6.72731E-06	0.000458333
Rt3	W14	85	72	0.94	0.3	0.000182883	8.07364E-06	0.000539817
Rt3	W15	85	72	0.94	0.3	0.000250819	2.40037E-06	0.000505558
Rt3	W16	85	72	0.94	0.3	9.89007E-05	1.14224E-05	0.000446292
Rt3	W01	85	72	0.94	0.4	8.85907E-05	1.10114E-05	0.000270367
Rt3	W02	85	72	0.94	0.4	0.000142018	8.99479E-06	0.00048055
Rt3	W03	85	72	0.94	0.4	0.000134542	7.34072E-06	0.000381483



## Zone Deadband db

Rt3	W04	85	72	0.94	0.4	0.000163236	7.01343E-06	0.000427783
Rt3	W05	85	72	0.94	0.4	0.000148573	5.74768E-06	0.000375925
Rt3	W06	85	72	0.94	0.4	0.000191281	3.43224E-06	0.000392592
Rt3	W07	85	72	0.94	0.4	0.000201028	3.11714E-06	0.000391667
Rt3	W08	85	72	0.94	0.4	0.000208606	3.81661E-06	0.000427775
Rt3	W09	85	72	0.94	0.4	0.000202274	3.59209E-06	0.000485183
Rt3	W10	85	72	0.94	0.4	0.000202974	4.94958E-06	0.000470367
Rt3	W11	85	72	0.94	0.4	0.000156663	1.02264E-05	0.000473142
Rt3	W12	85	72	0.94	0.4	0.000151014	9.25114E-06	0.0004426
Rt3	W13	85	72	0.94	0.4	0.000182456	8.13895E-06	0.000468517
Rt3	W14	85	72	0.94	0.4	0.000176533	9.54407E-06	0.000537033
Rt3	W15	85	72	0.94	0.4	0.000246723	3.66737E-06	0.000525
Rt3	W16	85	72	0.94	0.4	9.38311E-05	1.25051E-05	0.000432408
Rt3	W01	96	72	0.8	0.2	9.40018E-05	7.83509E-06	0.000239817
Rt3	W02	96	72	0.8	0.2	0.000127936	6.68404E-06	0.000434258
Rt3	W03	96	72	0.8	0.2	0.000121774	4.37498E-06	0.000312042
Rt3	W04	96	72	0.8	0.2	0.000152141	4.64988E-06	0.00041945
Rt3	W05	96	72	0.8	0.2	0.000147156	2.75002E-06	0.000312042
Rt3	W06	96	72	0.8	0.2	0.000181824	1.28346E-06	0.000336108
Rt3	W07	96	72	0.8	0.2	0.000190598	1.04174E-06	0.00035185
Rt3	W08	96	72	0.8	0.2	0.000196077	1.60725E-06	0.000366667
Rt3	W09	96	72	0.8	0.2	0.000182593	1.40853E-06	0.000460183
Rt3	W10	96	72	0.8	0.2	0.000182234	2.28811E-06	0.000415742
Rt3	W11	96	72	0.8	0.2	0.000147395	8.86064E-06	0.000337042
Rt3	W12	96	72	0.8	0.2	0.000147276	7.57214E-06	0.000410183
Rt3	W13	96	72	0.8	0.2	0.000172607	6.46697E-06	0.000497225
Rt3	W14	96	72	0.8	0.2	0.000142974	8.00208E-06	0.000472225
Rt3	W15	96	72	0.8	0.2	0.000216544	1.57133E-06	0.00047685
Rt3	W16	96	72	0.8	0.2	9.2585E-05	1.38407E-05	0.000365742
Rt3	W01	96	72	0.8	0.3	9.86276E-05	1.04492E-05	0.000243517
Rt3	W02	96	72	0.8	0.3	0.000138707	8.70161E-06	0.000418517
Rt3	W03	96	72	0.8	0.3	0.000129455	6.21333E-06	0.000312967
Rt3	W04	96	72	0.8	0.3	0.000161341	6.36851E-06	0.000411108
Rt3	W05	96	72	0.8	0.3	0.000136795	4.47597E-06	0.000307408
Rt3	W06	96	72	0.8	0.3	0.000166103	2.28827E-06	0.000327783
Rt3	W07	96	72	0.8	0.3	0.000178001	1.90561E-06	0.000343517
Rt3	W08	96	72	0.8	0.3	0.000184965	2.78374E-06	0.00035185
Rt3	W09	96	72	0.8	0.3	0.000180186	2.44926E-06	0.000446292
Rt3	W10	96	72	0.8	0.3	0.000176891	3.8778E-06	0.000413892
Rt3	W11	96	72	0.8	0.3	0.000150416	1.01913E-05	0.000363892
Rt3	W12	96	72	0.8	0.3	0.000154086	9.05169E-06	0.0003963
Rt3	W13	96	72	0.8	0.3	0.000176362	7.8573E-06	0.000489817
Rt3	W14	96	72	0.8	0.3	0.000154291	9.41283E-06	0.000464808
Rt3	W15	96	72	0.8	0.3	0.000213591	2.70237E-06	0.000494442
Rt3	W16	96	72	0.8	0.3	9.74157E-05	1.3982E-05	0.0003463
Rt3	W01	96	72	0.8	0.4	8.06705E-05	1.31897E-05	0.000233333
Rt3	W02	96	72	0.8	0.4	0.000117575	1.06362E-05	0.000402775
Rt3	W03	96	72	0.8	0.4	0.000112949	8.51558E-06	0.000324075
Rt3	W04	96	72	0.8	0.4	0.000136897	8.15876E-06	0.000402775
Rt3	W05	96	72	0.8	0.4	0.000123225	6.5496E-06	0.000315742
Rt3	W06	96	72	0.8	0.4	0.000162365	3.64786E-06	0.000331483
Rt3	W07	96	72	0.8	0.4	0.000172863	3.27572E-06	0.000338892
Rt3	W08	96	72	0.8	0.4	0.000174928	4.29335E-06	0.000339817
Rt3	W09	96	72	0.8	0.4	0.00017346	3.96942E-06	0.000432408
Rt3	W10	96	72	0.8	0.4	0.000169295	5.68168E-06	0.000407408
Rt3	W11	96	72	0.8	0.4	0.000125819	1.1927E-05	0.000375
Rt3	W12	96	72	0.8	0.4	0.000126707	1.08378E-05	0.000385183
Rt3	W13	96	72	0.8	0.4	0.000158985	9.60824E-06	0.00047315
Rt3	W14	96	72	0.8	0.4	0.000141114	1.12902E-05	0.000447225
Rt3	W15	96	72	0.8	0.4	0.000207941	4.30821E-06	0.000502775
Rt3	W16	96	72	0.8	0.4	7.44401E-05	1.47989E-05	0.000332408
Rt3	W01	96	72	0.94	0.2	9.40018E-05	6.66974E-06	0.000239817
Rt3	W02	96	72	0.94	0.2	0.000127936	5.69015E-06	0.000434258
Rt3	W03	96	72	0.94	0.2	0.000121774	3.72508E-06	0.000312042
Rt3	W04	96	72	0.94	0.2	0.000152141	3.95905E-06	0.00041945
Rt3	W05	96	72	0.94	0.2	0.000147156	2.34223E-06	0.000312042
Rt3	W06	96	72	0.94	0.2	0.000181824	1.09411E-06	0.000336108
Rt3	W07	96	72	0.94	0.2	0.000190598	8.88423E-07	0.00035185
Rt3	W08	96	72	0.94	0.2	0.000196077	1.36967E-06	0.000366667
Rt3	W09	96	72	0.94	0.2	0.000182593	1.20056E-06	0.000460183
Rt3	W10	96	72	0.94	0.2	0.000182234	1.94911E-06	0.000415742
Rt3	W11	96	72	0.94	0.2	0.000147395	7.54221E-06	0.000337042
Rt3	W12	96	72	0.94	0.2	0.000147276	6.44577E-06	0.000410183



## Zone Deadband db

Rt3	W13	96	72	0.94	0.2	0.000172607	5.50527E-06	0.000497225
Rt3	W14	96	72	0.94	0.2	0.000142974	6.81171E-06	0.000472225
Rt3	W15	96	72	0.94	0.2	0.000216544	1.33896E-06	0.00047685
Rt3	W16	96	72	0.94	0.2	9.2585E-05	1.17799E-05	0.000365742
Rt3	W01	96	72	0.94	0.3	9.86276E-05	8.89395E-06	0.000243517
Rt3	W02	96	72	0.94	0.3	0.000138707	7.40673E-06	0.000418517
Rt3	W03	96	72	0.94	0.3	0.000129455	5.28933E-06	0.000312967
Rt3	W04	96	72	0.94	0.3	0.000161341	5.42138E-06	0.000411108
Rt3	W05	96	72	0.94	0.3	0.000136795	3.81091E-06	0.000307408
Rt3	W06	96	72	0.94	0.3	0.000166103	1.94917E-06	0.000327783
Rt3	W07	96	72	0.94	0.3	0.000178001	1.6235E-06	0.000343517
Rt3	W08	96	72	0.94	0.3	0.000184965	2.37079E-06	0.00035185
Rt3	W09	96	72	0.94	0.3	0.000180186	2.08618E-06	0.000446292
Rt3	W10	96	72	0.94	0.3	0.000176891	3.30185E-06	0.000413892
Rt3	W11	96	72	0.94	0.3	0.000150416	8.6743E-06	0.000363892
Rt3	W12	96	72	0.94	0.3	0.000154086	7.70454E-06	0.0003963
Rt3	W13	96	72	0.94	0.3	0.000176362	6.68817E-06	0.000489817
Rt3	W14	96	72	0.94	0.3	0.000154291	8.0119E-06	0.000464808
Rt3	W15	96	72	0.94	0.3	0.000213591	2.30147E-06	0.000494442
Rt3	W16	96	72	0.94	0.3	9.74157E-05	1.18997E-05	0.0003463
Rt3	W01	96	72	0.94	0.4	8.06705E-05	1.12257E-05	0.000233333
Rt3	W02	96	72	0.94	0.4	0.000117575	9.05274E-06	0.000402775
Rt3	W03	96	72	0.94	0.4	0.000112949	7.24824E-06	0.000324075
Rt3	W04	96	72	0.94	0.4	0.000136897	6.94458E-06	0.000402775
Rt3	W05	96	72	0.94	0.4	0.000123225	5.57524E-06	0.000315742
Rt3	W06	96	72	0.94	0.4	0.000162365	3.10599E-06	0.000331483
Rt3	W07	96	72	0.94	0.4	0.000172863	2.78932E-06	0.000338892
Rt3	W08	96	72	0.94	0.4	0.000174928	3.65532E-06	0.000339817
Rt3	W09	96	72	0.94	0.4	0.00017346	3.37967E-06	0.000432408
Rt3	W10	96	72	0.94	0.4	0.000169295	4.83679E-06	0.000407408
Rt3	W11	96	72	0.94	0.4	0.000125819	1.01513E-05	0.000375
Rt3	W12	96	72	0.94	0.4	0.000126707	9.22429E-06	0.000385183
Rt3	W13	96	72	0.94	0.4	0.000158985	8.17807E-06	0.00047315
Rt3	W14	96	72	0.94	0.4	0.000141114	9.60938E-06	0.000447225
Rt3	W15	96	72	0.94	0.4	0.000207941	3.66796E-06	0.000502775
Rt3	W16	96	72	0.94	0.4	7.44401E-05	1.25947E-05	0.000332408
Rt3	W01	3	72	0.8	0.2	0.000147412	8.567E-06	0.000191667
Rt3	W02	3	72	0.8	0.2	0.000161034	7.17809E-06	0.0003463
Rt3	W03	3	72	0.8	0.2	0.000167913	4.80551E-06	0.000240733
Rt3	W04	3	72	0.8	0.2	0.000195992	5.0936E-06	0.000337033
Rt3	W05	3	72	0.8	0.2	0.000153045	2.99692E-06	0.000215742
Rt3	W06	3	72	0.8	0.2	0.000167742	1.8271E-06	0.000237967
Rt3	W07	3	72	0.8	0.2	0.00017049	1.48842E-06	0.000275
Rt3	W08	3	72	0.8	0.2	0.000175935	2.18511E-06	0.000290742
Rt3	W09	3	72	0.8	0.2	0.000176772	1.63154E-06	0.000377775
Rt3	W10	3	72	0.8	0.2	0.000175389	2.48392E-06	0.000367592
Rt3	W11	3	72	0.8	0.2	0.000161512	9.06604E-06	0.000397217
Rt3	W12	3	72	0.8	0.2	0.000172368	7.75428E-06	0.000314817
Rt3	W13	3	72	0.8	0.2	0.000201011	6.72069E-06	0.000427775
Rt3	W14	3	72	0.8	0.2	0.000167093	8.59569E-06	0.000407408
Rt3	W15	3	72	0.8	0.2	0.000206575	1.60282E-06	0.000483333
Rt3	W16	3	72	0.8	0.2	9.84228E-05	1.43029E-05	0.000270375
Rt3	W01	3	72	0.8	0.3	0.000161307	1.16141E-05	0.000212958
Rt3	W02	3	72	0.8	0.3	0.000162092	9.40817E-06	0.000333333
Rt3	W03	3	72	0.8	0.3	0.000179452	6.99787E-06	0.000237033
Rt3	W04	3	72	0.8	0.3	0.000202752	7.02915E-06	0.000319442
Rt3	W05	3	72	0.8	0.3	0.000162689	4.98721E-06	0.000200925
Rt3	W06	3	72	0.8	0.3	0.000178393	2.87827E-06	0.000232408
Rt3	W07	3	72	0.8	0.3	0.000175082	2.3667E-06	0.000261117
Rt3	W08	3	72	0.8	0.3	0.000183105	3.47245E-06	0.000273142
Rt3	W09	3	72	0.8	0.3	0.000181381	2.80425E-06	0.000362958
Rt3	W10	3	72	0.8	0.3	0.000184043	4.29332E-06	0.000356483
Rt3	W11	3	72	0.8	0.3	0.000155537	1.05799E-05	0.000402775
Rt3	W12	3	72	0.8	0.3	0.000166103	9.36996E-06	0.0002963
Rt3	W13	3	72	0.8	0.3	0.000193995	8.33767E-06	0.000404633
Rt3	W14	3	72	0.8	0.3	0.000166786	1.01833E-05	0.000386117
Rt3	W15	3	72	0.8	0.3	0.000210569	2.88269E-06	0.000468517
Rt3	W16	3	72	0.8	0.3	0.00011428	1.48631E-05	0.0002537
Rt3	W01	3	72	0.8	0.4	0.000128602	1.45938E-05	0.000304625
Rt3	W02	3	72	0.8	0.4	0.000127816	1.15926E-05	0.000310192
Rt3	W03	3	72	0.8	0.4	0.000155025	9.70885E-06	0.0002537
Rt3	W04	3	72	0.8	0.4	0.000166974	8.97335E-06	0.000299075
Rt3	W05	3	72	0.8	0.4	0.000151321	7.39664E-06	0.000196292

## Zone Deadband db

Rt3	W06	3	72	0.8	0.4	0.000179144	4.46052E-06	0.000236108
Rt3	W07	3	72	0.8	0.4	0.000174553	3.91964E-06	0.000252783
Rt3	W08	3	72	0.8	0.4	0.000175816	5.20364E-06	0.000252775
Rt3	W09	3	72	0.8	0.4	0.000180117	4.54253E-06	0.000337033
Rt3	W10	3	72	0.8	0.4	0.000173102	6.48393E-06	0.000335192
Rt3	W11	3	72	0.8	0.4	0.000127577	1.22796E-05	0.000395375
Rt3	W12	3	72	0.8	0.4	0.000132169	1.12398E-05	0.00027315
Rt3	W13	3	72	0.8	0.4	0.000164533	1.00781E-05	0.000382408
Rt3	W14	3	72	0.8	0.4	0.000136215	1.2165E-05	0.000362033
Rt3	W15	3	72	0.8	0.4	0.000204476	4.5438E-06	0.000452775
Rt3	W16	3	72	0.8	0.4	8.19336E-05	1.58569E-05	0.000233333
Rt3	W01	3	72	0.94	0.2	0.000147412	7.29225E-06	0.000191667
Rt3	W02	3	72	0.94	0.2	0.000161034	6.11025E-06	0.0003463
Rt3	W03	3	72	0.94	0.2	0.000167913	4.09114E-06	0.000240733
Rt3	W04	3	72	0.94	0.2	0.000195992	4.33632E-06	0.000337033
Rt3	W05	3	72	0.94	0.2	0.000153045	2.552E-06	0.000215742
Rt3	W06	3	72	0.94	0.2	0.000167742	1.55643E-06	0.000237967
Rt3	W07	3	72	0.94	0.2	0.00017049	1.26821E-06	0.000275
Rt3	W08	3	72	0.94	0.2	0.000175935	1.8611E-06	0.000290742
Rt3	W09	3	72	0.94	0.2	0.000176772	1.38999E-06	0.000377775
Rt3	W10	3	72	0.94	0.2	0.000175389	2.11539E-06	0.000367592
Rt3	W11	3	72	0.94	0.2	0.000161512	7.71675E-06	0.000397217
Rt3	W12	3	72	0.94	0.2	0.000172368	6.60047E-06	0.000314817
Rt3	W13	3	72	0.94	0.2	0.000201011	5.7209E-06	0.000427775
Rt3	W14	3	72	0.94	0.2	0.000167093	7.31659E-06	0.000407408
Rt3	W15	3	72	0.94	0.2	0.000206575	1.36549E-06	0.000483333
Rt3	W16	3	72	0.94	0.2	9.84228E-05	1.21731E-05	0.000270375
Rt3	W01	3	72	0.94	0.3	0.000161307	9.88511E-06	0.000212958
Rt3	W02	3	72	0.94	0.3	0.000162092	8.00782E-06	0.000333333
Rt3	W03	3	72	0.94	0.3	0.000179452	5.95675E-06	0.000237033
Rt3	W04	3	72	0.94	0.3	0.000202752	5.98336E-06	0.000319442
Rt3	W05	3	72	0.94	0.3	0.000162689	4.24572E-06	0.000200925
Rt3	W06	3	72	0.94	0.3	0.000178393	2.45097E-06	0.000232408
Rt3	W07	3	72	0.94	0.3	0.000175082	2.01562E-06	0.000261117
Rt3	W08	3	72	0.94	0.3	0.000183105	2.95661E-06	0.000273142
Rt3	W09	3	72	0.94	0.3	0.000181381	2.38797E-06	0.000362958
Rt3	W10	3	72	0.94	0.3	0.000184043	3.65519E-06	0.000356483
Rt3	W11	3	72	0.94	0.3	0.000155537	9.00488E-06	0.000402775
Rt3	W12	3	72	0.94	0.3	0.000166103	7.97523E-06	0.0002963
Rt3	W13	3	72	0.94	0.3	0.000193995	7.09678E-06	0.000404633
Rt3	W14	3	72	0.94	0.3	0.000166786	8.66742E-06	0.000386117
Rt3	W15	3	72	0.94	0.3	0.000210569	2.45469E-06	0.000468517
Rt3	W16	3	72	0.94	0.3	0.00011428	1.26497E-05	0.0002537
Rt3	W01	3	72	0.94	0.4	0.000128602	1.24204E-05	0.000304625
Rt3	W02	3	72	0.94	0.4	0.000127816	9.86662E-06	0.000310192
Rt3	W03	3	72	0.94	0.4	0.000155025	8.26364E-06	0.0002537
Rt3	W04	3	72	0.94	0.4	0.000166974	7.6377E-06	0.000299075
Rt3	W05	3	72	0.94	0.4	0.000151321	6.29598E-06	0.000196292
Rt3	W06	3	72	0.94	0.4	0.000179144	3.7974E-06	0.000236108
Rt3	W07	3	72	0.94	0.4	0.000174553	3.33712E-06	0.000252783
Rt3	W08	3	72	0.94	0.4	0.000175816	4.42981E-06	0.000252775
Rt3	W09	3	72	0.94	0.4	0.000180117	3.86721E-06	0.000337033
Rt3	W10	3	72	0.94	0.4	0.000173102	5.51934E-06	0.000335192
Rt3	W11	3	72	0.94	0.4	0.000127577	1.04512E-05	0.000395375
Rt3	W12	3	72	0.94	0.4	0.000132169	9.56633E-06	0.00027315
Rt3	W13	3	72	0.94	0.4	0.000164533	8.57782E-06	0.000382408
Rt3	W14	3	72	0.94	0.4	0.000136215	1.03539E-05	0.000362033
Rt3	W15	3	72	0.94	0.4	0.000204476	3.86827E-06	0.000452775
Rt3	W16	3	72	0.94	0.4	8.19336E-05	1.34952E-05	0.000233333
Rt3	W01	5	72	0.8	0.2	0.000127939	8.59433E-06	0.000204633
Rt3	W02	5	72	0.8	0.2	0.000148761	7.16646E-06	0.00035
Rt3	W03	5	72	0.8	0.2	0.000158166	4.84508E-06	0.000249075
Rt3	W04	5	72	0.8	0.2	0.000186297	5.08809E-06	0.000336108
Rt3	W05	5	72	0.8	0.2	0.000149819	3.00789E-06	0.0002213
Rt3	W06	5	72	0.8	0.2	0.0001709	1.82339E-06	0.00024815
Rt3	W07	5	72	0.8	0.2	0.000176055	1.4602E-06	0.000280558
Rt3	W08	5	72	0.8	0.2	0.000178069	2.16291E-06	0.000290733
Rt3	W09	5	72	0.8	0.2	0.000178052	1.61654E-06	0.000377783
Rt3	W10	5	72	0.8	0.2	0.000174723	2.47498E-06	0.000367592
Rt3	W11	5	72	0.8	0.2	0.000152618	9.00176E-06	0.000392592
Rt3	W12	5	72	0.8	0.2	0.000162297	7.69075E-06	0.000314817
Rt3	W13	5	72	0.8	0.2	0.000191383	6.66993E-06	0.000425
Rt3	W14	5	72	0.8	0.2	0.00015948	8.5042E-06	0.000406475

## Zone Deadband db

Rt3	W15	5	72	0.8	0.2	0.000207633	1.60527E-06	0.000481483
Rt3	W16	5	72	0.8	0.2	9.41725E-05	1.42392E-05	0.000272217
Rt3	W01	5	72	0.8	0.3	0.000135921	1.15896E-05	0.00022685
Rt3	W02	5	72	0.8	0.3	0.000149085	9.33973E-06	0.000337033
Rt3	W03	5	72	0.8	0.3	0.000166103	6.98906E-06	0.000247217
Rt3	W04	5	72	0.8	0.3	0.000190786	6.96719E-06	0.000320367
Rt3	W05	5	72	0.8	0.3	0.000155452	4.978E-06	0.000208333
Rt3	W06	5	72	0.8	0.3	0.000177779	2.88947E-06	0.000245367
Rt3	W07	5	72	0.8	0.3	0.000179776	2.33346E-06	0.000270367
Rt3	W08	5	72	0.8	0.3	0.000183583	3.46564E-06	0.000275
Rt3	W09	5	72	0.8	0.3	0.000181466	2.81166E-06	0.000362958
Rt3	W10	5	72	0.8	0.3	0.000180851	4.28757E-06	0.000354625
Rt3	W11	5	72	0.8	0.3	0.000147788	1.05137E-05	0.000399075
Rt3	W12	5	72	0.8	0.3	0.000156835	9.31225E-06	0.00029815
Rt3	W13	5	72	0.8	0.3	0.000186006	8.25236E-06	0.000402775
Rt3	W14	5	72	0.8	0.3	0.000157313	1.01051E-05	0.000385183
Rt3	W15	5	72	0.8	0.3	0.000209921	2.86154E-06	0.000466667
Rt3	W16	5	72	0.8	0.3	0.00010595	1.47858E-05	0.000257408
Rt3	W01	5	72	0.8	0.4	0.000109791	1.45826E-05	0.000292592
Rt3	W02	5	72	0.8	0.4	0.000120408	1.14967E-05	0.000315742
Rt3	W03	5	72	0.8	0.4	0.000144306	9.60527E-06	0.000264808
Rt3	W04	5	72	0.8	0.4	0.000159924	8.90738E-06	0.0003037
Rt3	W05	5	72	0.8	0.4	0.000142138	7.34154E-06	0.000207408
Rt3	W06	5	72	0.8	0.4	0.000174741	4.49964E-06	0.000252775
Rt3	W07	5	72	0.8	0.4	0.000175952	3.85689E-06	0.000264808
Rt3	W08	5	72	0.8	0.4	0.000174177	5.17179E-06	0.000255558
Rt3	W09	5	72	0.8	0.4	0.000177011	4.56649E-06	0.000338892
Rt3	W10	5	72	0.8	0.4	0.000168596	6.43565E-06	0.000334258
Rt3	W11	5	72	0.8	0.4	0.000123873	1.21816E-05	0.00039445
Rt3	W12	5	72	0.8	0.4	0.000128977	1.11591E-05	0.00027685
Rt3	W13	5	72	0.8	0.4	0.000160283	9.94835E-06	0.000382408
Rt3	W14	5	72	0.8	0.4	0.000131862	1.20063E-05	0.000361117
Rt3	W15	5	72	0.8	0.4	0.000202649	4.44949E-06	0.00045
Rt3	W16	5	72	0.8	0.4	7.90318E-05	1.57348E-05	0.000238883
Rt3	W01	5	72	0.94	0.2	0.000127939	7.3155E-06	0.000204633
Rt3	W02	5	72	0.94	0.2	0.000148761	6.10037E-06	0.00035
Rt3	W03	5	72	0.94	0.2	0.000158166	4.12481E-06	0.000249075
Rt3	W04	5	72	0.94	0.2	0.000186297	4.33162E-06	0.000336108
Rt3	W05	5	72	0.94	0.2	0.000149819	2.56133E-06	0.0002213
Rt3	W06	5	72	0.94	0.2	0.0001709	1.55326E-06	0.00024815
Rt3	W07	5	72	0.94	0.2	0.000176055	1.24417E-06	0.000280558
Rt3	W08	5	72	0.94	0.2	0.000178069	1.84221E-06	0.000290733
Rt3	W09	5	72	0.94	0.2	0.000178052	1.37723E-06	0.000377783
Rt3	W10	5	72	0.94	0.2	0.000174723	2.10778E-06	0.000367592
Rt3	W11	5	72	0.94	0.2	0.000152618	7.66206E-06	0.000392592
Rt3	W12	5	72	0.94	0.2	0.000162297	6.54638E-06	0.000314817
Rt3	W13	5	72	0.94	0.2	0.000191383	5.67769E-06	0.000425
Rt3	W14	5	72	0.94	0.2	0.00015948	7.23872E-06	0.000406475
Rt3	W15	5	72	0.94	0.2	0.000207633	1.36758E-06	0.000481483
Rt3	W16	5	72	0.94	0.2	9.41725E-05	1.21188E-05	0.000272217
Rt3	W01	5	72	0.94	0.3	0.000135921	9.8642E-06	0.00022685
Rt3	W02	5	72	0.94	0.3	0.000149085	7.94959E-06	0.000337033
Rt3	W03	5	72	0.94	0.3	0.000166103	5.94924E-06	0.000247217
Rt3	W04	5	72	0.94	0.3	0.000190786	5.9306E-06	0.000320367
Rt3	W05	5	72	0.94	0.3	0.000155452	4.23788E-06	0.000208333
Rt3	W06	5	72	0.94	0.3	0.000177779	2.4605E-06	0.000245367
Rt3	W07	5	72	0.94	0.3	0.000179776	1.98732E-06	0.000270367
Rt3	W08	5	72	0.94	0.3	0.000183583	2.95081E-06	0.000275
Rt3	W09	5	72	0.94	0.3	0.000181466	2.39427E-06	0.000362958
Rt3	W10	5	72	0.94	0.3	0.000180851	3.65029E-06	0.000354625
Rt3	W11	5	72	0.94	0.3	0.000147788	8.94852E-06	0.000399075
Rt3	W12	5	72	0.94	0.3	0.000156835	7.92612E-06	0.00029815
Rt3	W13	5	72	0.94	0.3	0.000186006	7.02417E-06	0.000402775
Rt3	W14	5	72	0.94	0.3	0.000157313	8.60086E-06	0.000385183
Rt3	W15	5	72	0.94	0.3	0.000209921	2.43667E-06	0.000466667
Rt3	W16	5	72	0.94	0.3	0.00010595	1.25836E-05	0.000257408
Rt3	W01	5	72	0.94	0.4	0.000109791	1.2411E-05	0.000292592
Rt3	W02	5	72	0.94	0.4	0.000120408	9.78498E-06	0.000315742
Rt3	W03	5	72	0.94	0.4	0.000144306	8.17546E-06	0.000264808
Rt3	W04	5	72	0.94	0.4	0.000159924	7.58156E-06	0.0003037
Rt3	W05	5	72	0.94	0.4	0.000142138	6.24908E-06	0.000207408
Rt3	W06	5	72	0.94	0.4	0.000174741	3.83069E-06	0.000252775
Rt3	W07	5	72	0.94	0.4	0.000175952	3.28372E-06	0.000264808

Zone Deadband db

Rt3	W08	5	72	0.94	0.4	0.000174177	4.4027E-06	0.000255558
Rt3	W09	5	72	0.94	0.4	0.000177011	3.88758E-06	0.000338892
Rt3	W10	5	72	0.94	0.4	0.000168596	5.47823E-06	0.000334258
Rt3	W11	5	72	0.94	0.4	0.000123873	1.03679E-05	0.00039445
Rt3	W12	5	72	0.94	0.4	0.000128977	9.49773E-06	0.00027685
Rt3	W13	5	72	0.94	0.4	0.000160283	8.4674E-06	0.000382408
Rt3	W14	5	72	0.94	0.4	0.000131862	1.02187E-05	0.000361117
Rt3	W15	5	72	0.94	0.4	0.000202649	3.788E-06	0.00045
Rt3	W16	5	72	0.94	0.4	7.90318E-05	1.33912E-05	0.000238883
Rt3	W01	75	74	0.8	0.2	6.00164E-05	1.533E-05	0.000220367
Rt3	W02	75	74	0.8	0.2	0.000113307	1.15101E-05	0.000405558
Rt3	W03	75	74	0.8	0.2	0.000107504	1.08529E-05	0.00032315
Rt3	W04	75	74	0.8	0.2	0.000132101	9.54687E-06	0.000359267
Rt3	W05	75	74	0.8	0.2	0.000147634	9.12678E-06	0.000304633
Rt3	W06	75	74	0.8	0.2	0.000169449	6.3168E-06	0.000283333
Rt3	W07	75	74	0.8	0.2	0.000178667	5.67464E-06	0.000317592
Rt3	W08	75	74	0.8	0.2	0.000192134	6.01125E-06	0.000361117
Rt3	W09	75	74	0.8	0.2	0.000187816	5.9471E-06	0.000411117
Rt3	W10	75	74	0.8	0.2	0.000192083	6.98914E-06	0.000421292
Rt3	W11	75	74	0.8	0.2	0.000128738	1.21229E-05	0.000499075
Rt3	W12	75	74	0.8	0.2	0.000114536	1.14447E-05	0.000372225
Rt3	W13	75	74	0.8	0.2	0.000161495	9.80464E-06	0.00047685
Rt3	W14	75	74	0.8	0.2	0.000136402	1.17477E-05	0.000464817
Rt3	W15	75	74	0.8	0.2	0.000223133	5.22697E-06	0.000537967
Rt3	W16	75	74	0.8	0.2	7.05141E-05	1.67694E-05	0.000366667
Rt3	W01	75	74	0.8	0.3	8.25823E-05	1.81704E-05	0.000205558
Rt3	W02	75	74	0.8	0.3	0.000129933	1.37657E-05	0.000391667
Rt3	W03	75	74	0.8	0.3	0.000125068	1.40767E-05	0.000363883
Rt3	W04	75	74	0.8	0.3	0.000148505	1.19316E-05	0.000355558
Rt3	W05	75	74	0.8	0.3	0.00013519	1.26546E-05	0.000332408
Rt3	W06	75	74	0.8	0.3	0.000159071	9.42652E-06	0.000314817
Rt3	W07	75	74	0.8	0.3	0.000168664	8.68101E-06	0.000320367
Rt3	W08	75	74	0.8	0.3	0.000182388	8.59098E-06	0.000354625
Rt3	W09	75	74	0.8	0.3	0.000182763	8.82641E-06	0.000402775
Rt3	W10	75	74	0.8	0.3	0.000188994	9.62829E-06	0.000409258
Rt3	W11	75	74	0.8	0.3	0.000148061	1.41727E-05	0.000482408
Rt3	W12	75	74	0.8	0.3	0.000142445	1.36297E-05	0.000364817
Rt3	W13	75	74	0.8	0.3	0.000174997	1.17401E-05	0.000458333
Rt3	W14	75	74	0.8	0.3	0.000159856	1.3527E-05	0.00045185
Rt3	W15	75	74	0.8	0.3	0.000227502	7.45185E-06	0.000517592
Rt3	W16	75	74	0.8	0.3	6.51543E-05	1.71402E-05	0.000358333
Rt3	W01	75	74	0.8	0.4	6.02212E-05	2.17805E-05	0.000124075
Rt3	W02	75	74	0.8	0.4	0.000111874	1.6958E-05	0.000382408
Rt3	W03	75	74	0.8	0.4	9.34556E-05	1.78057E-05	0.000364817
Rt3	W04	75	74	0.8	0.4	0.000121637	1.52827E-05	0.0003787
Rt3	W05	75	74	0.8	0.4	0.0001045	1.62604E-05	0.0003463
Rt3	W06	75	74	0.8	0.4	0.000129762	1.34668E-05	0.00030185
Rt3	W07	75	74	0.8	0.4	0.00013572	1.26089E-05	0.000339817
Rt3	W08	75	74	0.8	0.4	0.000155469	1.21736E-05	0.000372225
Rt3	W09	75	74	0.8	0.4	0.000155042	1.23889E-05	0.000411117
Rt3	W10	75	74	0.8	0.4	0.000159463	1.27689E-05	0.0004
Rt3	W11	75	74	0.8	0.4	0.000127219	1.69558E-05	0.000467592
Rt3	W12	75	74	0.8	0.4	0.000119418	1.6934E-05	0.000372225
Rt3	W13	75	74	0.8	0.4	0.000156374	1.43135E-05	0.00044445
Rt3	W14	75	74	0.8	0.4	0.000138963	1.59504E-05	0.000442592
Rt3	W15	75	74	0.8	0.4	0.000209989	9.7416E-06	0.000486117
Rt3	W16	75	74	0.8	0.4	7.08726E-05	1.98327E-05	0.000360183
Rt3	W01	75	74	0.94	0.2	6.00164E-05	1.30481E-05	0.000220367
Rt3	W02	75	74	0.94	0.2	0.000113307	9.79732E-06	0.000405558
Rt3	W03	75	74	0.94	0.2	0.000107504	9.23812E-06	0.00032315
Rt3	W04	75	74	0.94	0.2	0.000132101	8.12664E-06	0.000359267
Rt3	W05	75	74	0.94	0.2	0.000147634	7.76925E-06	0.000304633
Rt3	W06	75	74	0.94	0.2	0.000169449	5.37782E-06	0.000283333
Rt3	W07	75	74	0.94	0.2	0.000178667	4.83133E-06	0.000317592
Rt3	W08	75	74	0.94	0.2	0.000192134	5.11776E-06	0.000361117
Rt3	W09	75	74	0.94	0.2	0.000187816	5.06319E-06	0.000411117
Rt3	W10	75	74	0.94	0.2	0.000192083	5.95E-06	0.000421292
Rt3	W11	75	74	0.94	0.2	0.000128738	1.03186E-05	0.000499075
Rt3	W12	75	74	0.94	0.2	0.000114536	9.74141E-06	0.000372225
Rt3	W13	75	74	0.94	0.2	0.000161495	8.34574E-06	0.00047685
Rt3	W14	75	74	0.94	0.2	0.000136402	9.99942E-06	0.000464817
Rt3	W15	75	74	0.94	0.2	0.000223133	4.45016E-06	0.000537967
Rt3	W16	75	74	0.94	0.2	7.05141E-05	1.42723E-05	0.000366667

## Zone Deadband db

Rt3	W01	75	74	0.94	0.3	8.25823E-05	1.54648E-05	0.000205558
Rt3	W02	75	74	0.94	0.3	0.000129933	1.17164E-05	0.000391667
Rt3	W03	75	74	0.94	0.3	0.000125068	1.19813E-05	0.000363883
Rt3	W04	75	74	0.94	0.3	0.000148505	1.01558E-05	0.000355558
Rt3	W05	75	74	0.94	0.3	0.00013519	1.07712E-05	0.000332408
Rt3	W06	75	74	0.94	0.3	0.000159071	8.02418E-06	0.000314817
Rt3	W07	75	74	0.94	0.3	0.000168664	7.38973E-06	0.000320367
Rt3	W08	75	74	0.94	0.3	0.000182388	7.31305E-06	0.000354625
Rt3	W09	75	74	0.94	0.3	0.000182763	7.51346E-06	0.000402775
Rt3	W10	75	74	0.94	0.3	0.000188994	8.19584E-06	0.000409258
Rt3	W11	75	74	0.94	0.3	0.000148061	1.20626E-05	0.000482408
Rt3	W12	75	74	0.94	0.3	0.000142445	1.16006E-05	0.000364817
Rt3	W13	75	74	0.94	0.3	0.000174997	9.99254E-06	0.000458333
Rt3	W14	75	74	0.94	0.3	0.000159856	1.15132E-05	0.00045185
Rt3	W15	75	74	0.94	0.3	0.000227502	6.34354E-06	0.000517592
Rt3	W16	75	74	0.94	0.3	6.51543E-05	1.45874E-05	0.000358333
Rt3	W01	75	74	0.94	0.4	6.02212E-05	1.85366E-05	0.000124075
Rt3	W02	75	74	0.94	0.4	0.000111874	1.4433E-05	0.000382408
Rt3	W03	75	74	0.94	0.4	9.34556E-05	1.51545E-05	0.000364817
Rt3	W04	75	74	0.94	0.4	0.000121637	1.30073E-05	0.0003787
Rt3	W05	75	74	0.94	0.4	0.0001045	1.38395E-05	0.0003463
Rt3	W06	75	74	0.94	0.4	0.000129762	1.14622E-05	0.00030185
Rt3	W07	75	74	0.94	0.4	0.00013572	1.07321E-05	0.000339817
Rt3	W08	75	74	0.94	0.4	0.000155469	1.03617E-05	0.000372225
Rt3	W09	75	74	0.94	0.4	0.000155042	1.05449E-05	0.000411117
Rt3	W10	75	74	0.94	0.4	0.000159463	1.08682E-05	0.0004
Rt3	W11	75	74	0.94	0.4	0.000127219	1.44309E-05	0.000467592
Rt3	W12	75	74	0.94	0.4	0.000119418	1.44123E-05	0.000372225
Rt3	W13	75	74	0.94	0.4	0.000156374	1.21822E-05	0.00044445
Rt3	W14	75	74	0.94	0.4	0.000138963	1.35754E-05	0.000442592
Rt3	W15	75	74	0.94	0.4	0.000209989	8.29192E-06	0.000486117
Rt3	W16	75	74	0.94	0.4	7.08726E-05	1.68787E-05	0.000360183
Rt3	W01	85	74	0.8	0.2	6.71514E-05	1.18757E-05	0.00020555
Rt3	W02	85	74	0.8	0.2	0.000102588	9.2075E-06	0.000393517
Rt3	W03	85	74	0.8	0.2	9.71596E-05	7.38843E-06	0.000295375
Rt3	W04	85	74	0.8	0.2	0.000133842	7.16257E-06	0.000346292
Rt3	W05	85	74	0.8	0.2	0.000127663	5.57272E-06	0.000287967
Rt3	W06	85	74	0.8	0.2	0.000146303	3.17803E-06	0.000290742
Rt3	W07	85	74	0.8	0.2	0.000158661	2.7187E-06	0.000306475
Rt3	W08	85	74	0.8	0.2	0.000171702	3.4856E-06	0.000336117
Rt3	W09	85	74	0.8	0.2	0.000156254	3.17827E-06	0.00039815
Rt3	W10	85	74	0.8	0.2	0.000166052	4.44129E-06	0.0004037
Rt3	W11	85	74	0.8	0.2	0.00013671	1.08958E-05	0.00045555
Rt3	W12	85	74	0.8	0.2	0.000126058	9.56193E-06	0.000354633
Rt3	W13	85	74	0.8	0.2	0.000153062	8.31166E-06	0.000445375
Rt3	W14	85	74	0.8	0.2	0.00013741	9.86169E-06	0.000460192
Rt3	W15	85	74	0.8	0.2	0.000202137	3.03551E-06	0.000567592
Rt3	W16	85	74	0.8	0.2	6.59736E-05	1.55898E-05	0.000337042
Rt3	W01	85	74	0.8	0.3	8.21043E-05	1.44488E-05	0.000160183
Rt3	W02	85	74	0.8	0.3	0.00011061	1.11743E-05	0.000379633
Rt3	W03	85	74	0.8	0.3	0.000108767	1.0206E-05	0.000312967
Rt3	W04	85	74	0.8	0.3	0.000115868	9.02236E-06	0.000340742
Rt3	W05	85	74	0.8	0.3	0.000119947	8.11348E-06	0.000291667
Rt3	W06	85	74	0.8	0.3	0.000154206	5.09101E-06	0.000294442
Rt3	W07	85	74	0.8	0.3	0.000162177	4.69306E-06	0.0003037
Rt3	W08	85	74	0.8	0.3	0.000171634	5.38178E-06	0.00032685
Rt3	W09	85	74	0.8	0.3	0.000165165	5.09886E-06	0.000386117
Rt3	W10	85	74	0.8	0.3	0.000169381	6.5762E-06	0.000390742
Rt3	W11	85	74	0.8	0.3	0.000139151	1.21931E-05	0.000438892
Rt3	W12	85	74	0.8	0.3	0.000134354	1.12791E-05	0.000345367
Rt3	W13	85	74	0.8	0.3	0.000162365	9.80884E-06	0.000417592
Rt3	W14	85	74	0.8	0.3	0.000141677	1.141E-05	0.000438883
Rt3	W15	85	74	0.8	0.3	0.00020847	4.66471E-06	0.000527783
Rt3	W16	85	74	0.8	0.3	7.21187E-05	1.58128E-05	0.000325925
Rt3	W01	85	74	0.8	0.4	5.48614E-05	1.70111E-05	0.000163883
Rt3	W02	85	74	0.8	0.4	0.000100266	1.37064E-05	0.000368525
Rt3	W03	85	74	0.8	0.4	9.20729E-05	1.32317E-05	0.000325
Rt3	W04	85	74	0.8	0.4	0.00011807	1.14359E-05	0.000349075
Rt3	W05	85	74	0.8	0.4	0.000103475	1.12204E-05	0.000301858
Rt3	W06	85	74	0.8	0.4	0.000133484	7.54172E-06	0.0003037
Rt3	W07	85	74	0.8	0.4	0.000143162	7.17694E-06	0.000312033
Rt3	W08	85	74	0.8	0.4	0.000150553	7.83161E-06	0.000329633
Rt3	W09	85	74	0.8	0.4	0.000148744	7.63931E-06	0.000387033

## Zone Deadband db

Rt3	W10	85	74	0.8	0.4	0.000150946	9.31799E-06	0.000381483
Rt3	W11	85	74	0.8	0.4	0.000114724	1.46388E-05	0.000425
Rt3	W12	85	74	0.8	0.4	0.000111088	1.39048E-05	0.000345375
Rt3	W13	85	74	0.8	0.4	0.000142257	1.20343E-05	0.0004037
Rt3	W14	85	74	0.8	0.4	0.00012908	1.37942E-05	0.000419442
Rt3	W15	85	74	0.8	0.4	0.000197324	6.88981E-06	0.000489817
Rt3	W16	85	74	0.8	0.4	6.64516E-05	1.76067E-05	0.0003213
Rt3	W01	85	74	0.94	0.2	6.71514E-05	1.01084E-05	0.00020555
Rt3	W02	85	74	0.94	0.2	0.000102588	7.83767E-06	0.000393517
Rt3	W03	85	74	0.94	0.2	9.71596E-05	6.28969E-06	0.000295375
Rt3	W04	85	74	0.94	0.2	0.000133842	6.09745E-06	0.000346292
Rt3	W05	85	74	0.94	0.2	0.000127663	4.74453E-06	0.000287967
Rt3	W06	85	74	0.94	0.2	0.000146303	2.70653E-06	0.000290742
Rt3	W07	85	74	0.94	0.2	0.000158661	2.31564E-06	0.000306475
Rt3	W08	85	74	0.94	0.2	0.000171702	2.96828E-06	0.000336117
Rt3	W09	85	74	0.94	0.2	0.000156254	2.70674E-06	0.00039815
Rt3	W10	85	74	0.94	0.2	0.000166052	3.78163E-06	0.0004037
Rt3	W11	85	74	0.94	0.2	0.00013671	9.27415E-06	0.00045555
Rt3	W12	85	74	0.94	0.2	0.000126058	8.13912E-06	0.000354633
Rt3	W13	85	74	0.94	0.2	0.000153062	7.07512E-06	0.000445375
Rt3	W14	85	74	0.94	0.2	0.00013741	8.39431E-06	0.000460192
Rt3	W15	85	74	0.94	0.2	0.000202137	2.58513E-06	0.000567592
Rt3	W16	85	74	0.94	0.2	6.59736E-05	1.32683E-05	0.000337042
Rt3	W01	85	74	0.94	0.3	8.21043E-05	1.22977E-05	0.000160183
Rt3	W02	85	74	0.94	0.3	0.00011061	9.51101E-06	0.000379633
Rt3	W03	85	74	0.94	0.3	0.000108767	8.68718E-06	0.000312967
Rt3	W04	85	74	0.94	0.3	0.000115868	7.67981E-06	0.000340742
Rt3	W05	85	74	0.94	0.3	0.000119947	6.90651E-06	0.000291667
Rt3	W06	85	74	0.94	0.3	0.000154206	4.33442E-06	0.000294442
Rt3	W07	85	74	0.94	0.3	0.000162177	3.99576E-06	0.0003037
Rt3	W08	85	74	0.94	0.3	0.000171634	4.58183E-06	0.00032685
Rt3	W09	85	74	0.94	0.3	0.000165165	4.3411E-06	0.000386117
Rt3	W10	85	74	0.94	0.3	0.000169381	5.59832E-06	0.000390742
Rt3	W11	85	74	0.94	0.3	0.000139151	1.03777E-05	0.000438892
Rt3	W12	85	74	0.94	0.3	0.000134354	9.60006E-06	0.000345367
Rt3	W13	85	74	0.94	0.3	0.000162365	8.34897E-06	0.000417592
Rt3	W14	85	74	0.94	0.3	0.000141677	9.71154E-06	0.000438883
Rt3	W15	85	74	0.94	0.3	0.00020847	3.97157E-06	0.000527783
Rt3	W16	85	74	0.94	0.3	7.21187E-05	1.34578E-05	0.000325925
Rt3	W01	85	74	0.94	0.4	5.48614E-05	1.44776E-05	0.000163883
Rt3	W02	85	74	0.94	0.4	0.000100266	1.16655E-05	0.000368525
Rt3	W03	85	74	0.94	0.4	9.20729E-05	1.12617E-05	0.000325
Rt3	W04	85	74	0.94	0.4	0.00011807	9.73343E-06	0.000349075
Rt3	W05	85	74	0.94	0.4	0.000103475	9.55015E-06	0.000301858
Rt3	W06	85	74	0.94	0.4	0.000133484	6.41972E-06	0.0003037
Rt3	W07	85	74	0.94	0.4	0.000143162	6.10932E-06	0.000312033
Rt3	W08	85	74	0.94	0.4	0.000150553	6.66646E-06	0.000329633
Rt3	W09	85	74	0.94	0.4	0.000148744	6.50284E-06	0.000387033
Rt3	W10	85	74	0.94	0.4	0.000150946	7.9314E-06	0.000381483
Rt3	W11	85	74	0.94	0.4	0.000114724	1.2459E-05	0.000425
Rt3	W12	85	74	0.94	0.4	0.000111088	1.18343E-05	0.000345375
Rt3	W13	85	74	0.94	0.4	0.000142257	1.02427E-05	0.0004037
Rt3	W14	85	74	0.94	0.4	0.00012908	1.17404E-05	0.000419442
Rt3	W15	85	74	0.94	0.4	0.000197324	5.86498E-06	0.000489817
Rt3	W16	85	74	0.94	0.4	6.64516E-05	1.49841E-05	0.0003213
Rt3	W01	96	74	0.8	0.2	7.62495E-05	1.08753E-05	0.000179633
Rt3	W02	96	74	0.8	0.2	0.000102076	8.69536E-06	0.000334258
Rt3	W03	96	74	0.8	0.2	9.774E-05	6.54293E-06	0.000264817
Rt3	W04	96	74	0.8	0.2	0.000125341	6.43828E-06	0.000337967
Rt3	W05	96	74	0.8	0.2	0.000112829	4.72319E-06	0.000245375
Rt3	W06	96	74	0.8	0.2	0.000135259	2.56356E-06	0.000250925
Rt3	W07	96	74	0.8	0.2	0.000147463	2.1518E-06	0.000277783
Rt3	W08	96	74	0.8	0.2	0.000155025	2.91605E-06	0.000274075
Rt3	W09	96	74	0.8	0.2	0.000141028	2.62293E-06	0.000360183
Rt3	W10	96	74	0.8	0.2	0.000147088	3.81273E-06	0.000362967
Rt3	W11	96	74	0.8	0.2	0.000124829	1.0488E-05	0.00037685
Rt3	W12	96	74	0.8	0.2	0.000125512	9.16387E-06	0.000318517
Rt3	W13	96	74	0.8	0.2	0.000145825	7.97163E-06	0.00040185
Rt3	W14	96	74	0.8	0.2	0.000114332	9.54776E-06	0.000370367
Rt3	W15	96	74	0.8	0.2	0.000176704	2.7181E-06	0.000509267
Rt3	W16	96	74	0.8	0.2	6.7544E-05	1.56847E-05	0.000266667
Rt3	W01	96	74	0.8	0.3	8.15922E-05	1.38555E-05	0.000179633
Rt3	W02	96	74	0.8	0.3	0.000107845	1.10169E-05	0.000322225



## Zone Deadband db

Rt3	W03	96	74	0.8	0.3	0.000110798	9.52757E-06	0.000279633
Rt3	W04	96	74	0.8	0.3	0.00013473	8.63942E-06	0.000333333
Rt3	W05	96	74	0.8	0.3	0.000104056	7.39994E-06	0.00025
Rt3	W06	96	74	0.8	0.3	0.000124283	4.35317E-06	0.000254625
Rt3	W07	96	74	0.8	0.3	0.000137683	3.93597E-06	0.000274075
Rt3	W08	96	74	0.8	0.3	0.000144869	4.81498E-06	0.000265742
Rt3	W09	96	74	0.8	0.3	0.000140089	4.66375E-06	0.00035
Rt3	W10	96	74	0.8	0.3	0.000141301	6.13799E-06	0.000353708
Rt3	W11	96	74	0.8	0.3	0.000119589	1.20144E-05	0.000362958
Rt3	W12	96	74	0.8	0.3	0.000126041	1.10788E-05	0.000311117
Rt3	W13	96	74	0.8	0.3	0.000145483	9.69271E-06	0.000377775
Rt3	W14	96	74	0.8	0.3	0.000120084	1.13428E-05	0.000350925
Rt3	W15	96	74	0.8	0.3	0.000178052	4.50118E-06	0.000472225
Rt3	W16	96	74	0.8	0.3	7.48156E-05	1.64448E-05	0.000259258
Rt3	W01	96	74	0.8	0.4	5.54759E-05	1.69489E-05	0.000130558
Rt3	W02	96	74	0.8	0.4	8.34699E-05	1.35611E-05	0.000314817
Rt3	W03	96	74	0.8	0.4	7.91172E-05	1.28038E-05	0.0002963
Rt3	W04	96	74	0.8	0.4	0.000101854	1.12541E-05	0.000341667
Rt3	W05	96	74	0.8	0.4	8.45111E-05	1.08749E-05	0.000269442
Rt3	W06	96	74	0.8	0.4	0.000113734	6.92246E-06	0.000267592
Rt3	W07	96	74	0.8	0.4	0.00012302	6.53211E-06	0.000288892
Rt3	W08	96	74	0.8	0.4	0.000128943	7.46052E-06	0.000270367
Rt3	W09	96	74	0.8	0.4	0.000128568	7.29342E-06	0.0003537
Rt3	W10	96	74	0.8	0.4	0.0001264	9.13348E-06	0.000346292
Rt3	W11	96	74	0.8	0.4	9.30971E-05	1.44341E-05	0.000351858
Rt3	W12	96	74	0.8	0.4	9.4548E-05	1.37073E-05	0.000312958
Rt3	W13	96	74	0.8	0.4	0.000120835	1.19337E-05	0.000362042
Rt3	W14	96	74	0.8	0.4	0.000103253	1.3763E-05	0.000337033
Rt3	W15	96	74	0.8	0.4	0.000167554	6.95091E-06	0.000433333
Rt3	W16	96	74	0.8	0.4	5.43493E-05	1.77002E-05	0.000258333
Rt3	W01	96	74	0.94	0.2	7.62495E-05	9.25698E-06	0.000179633
Rt3	W02	96	74	0.94	0.2	0.000102076	7.40178E-06	0.000334258
Rt3	W03	96	74	0.94	0.2	9.774E-05	5.57009E-06	0.000264817
Rt3	W04	96	74	0.94	0.2	0.000125341	5.48102E-06	0.000337967
Rt3	W05	96	74	0.94	0.2	0.000112829	4.0215E-06	0.000245375
Rt3	W06	96	74	0.94	0.2	0.000135259	2.18358E-06	0.000250925
Rt3	W07	96	74	0.94	0.2	0.000147463	1.83316E-06	0.000277783
Rt3	W08	96	74	0.94	0.2	0.000155025	2.48355E-06	0.000274075
Rt3	W09	96	74	0.94	0.2	0.000141028	2.23412E-06	0.000360183
Rt3	W10	96	74	0.94	0.2	0.000147088	3.24667E-06	0.000362967
Rt3	W11	96	74	0.94	0.2	0.000124829	8.9271E-06	0.00037685
Rt3	W12	96	74	0.94	0.2	0.000125512	7.80029E-06	0.000318517
Rt3	W13	96	74	0.94	0.2	0.000145825	6.78574E-06	0.00040185
Rt3	W14	96	74	0.94	0.2	0.000114332	8.12708E-06	0.000370367
Rt3	W15	96	74	0.94	0.2	0.000176704	2.31505E-06	0.000509267
Rt3	W16	96	74	0.94	0.2	6.7544E-05	1.3349E-05	0.000266667
Rt3	W01	96	74	0.94	0.3	8.15922E-05	1.17925E-05	0.000179633
Rt3	W02	96	74	0.94	0.3	0.000107845	9.37696E-06	0.000322225
Rt3	W03	96	74	0.94	0.3	0.000110798	8.10972E-06	0.000279633
Rt3	W04	96	74	0.94	0.3	0.00013473	7.35385E-06	0.000333333
Rt3	W05	96	74	0.94	0.3	0.000104056	6.29919E-06	0.00025
Rt3	W06	96	74	0.94	0.3	0.000124283	3.70645E-06	0.000254625
Rt3	W07	96	74	0.94	0.3	0.000137683	3.35143E-06	0.000274075
Rt3	W08	96	74	0.94	0.3	0.000144869	4.09945E-06	0.000265742
Rt3	W09	96	74	0.94	0.3	0.000140089	3.97077E-06	0.00035
Rt3	W10	96	74	0.94	0.3	0.000141301	5.22532E-06	0.000353708
Rt3	W11	96	74	0.94	0.3	0.000119589	1.02257E-05	0.000362958
Rt3	W12	96	74	0.94	0.3	0.000126041	9.4295E-06	0.000311117
Rt3	W13	96	74	0.94	0.3	0.000145483	8.2501E-06	0.000377775
Rt3	W14	96	74	0.94	0.3	0.000120084	9.65419E-06	0.000350925
Rt3	W15	96	74	0.94	0.3	0.000178052	3.83239E-06	0.000472225
Rt3	W16	96	74	0.94	0.3	7.48156E-05	1.39953E-05	0.000259258
Rt3	W01	96	74	0.94	0.4	5.54759E-05	1.44245E-05	0.000130558
Rt3	W02	96	74	0.94	0.4	8.34699E-05	1.15417E-05	0.000314817
Rt3	W03	96	74	0.94	0.4	7.91172E-05	1.08973E-05	0.0002963
Rt3	W04	96	74	0.94	0.4	0.000101854	9.57857E-06	0.000341667
Rt3	W05	96	74	0.94	0.4	8.45111E-05	9.25596E-06	0.000269442
Rt3	W06	96	74	0.94	0.4	0.000113734	5.89257E-06	0.000267592
Rt3	W07	96	74	0.94	0.4	0.00012302	5.56041E-06	0.000288892
Rt3	W08	96	74	0.94	0.4	0.000128943	6.35051E-06	0.000270367
Rt3	W09	96	74	0.94	0.4	0.000128568	6.20832E-06	0.0003537
Rt3	W10	96	74	0.94	0.4	0.0001264	7.77422E-06	0.000346292
Rt3	W11	96	74	0.94	0.4	9.30971E-05	1.22847E-05	0.000351858



## Zone Deadband db

Rt3	W12	96	74	0.94	0.4	9.4548E-05	1.16662E-05	0.000312958
Rt3	W13	96	74	0.94	0.4	0.000120835	1.0157E-05	0.000362042
Rt3	W14	96	74	0.94	0.4	0.000103253	1.17135E-05	0.000337033
Rt3	W15	96	74	0.94	0.4	0.000167554	5.91692E-06	0.000433333
Rt3	W16	96	74	0.94	0.4	5.43493E-05	1.50637E-05	0.000258333
Rt3	W01	3	74	0.8	0.2	0.000141762	1.13826E-05	0.000175925
Rt3	W02	3	74	0.8	0.2	0.000137666	8.88364E-06	0.000261108
Rt3	W03	3	74	0.8	0.2	0.000152875	6.76925E-06	0.000212033
Rt3	W04	3	74	0.8	0.2	0.00017428	6.63905E-06	0.000260192
Rt3	W05	3	74	0.8	0.2	0.00013997	4.87664E-06	0.000164817
Rt3	W06	3	74	0.8	0.2	0.000149802	2.9957E-06	0.000197217
Rt3	W07	3	74	0.8	0.2	0.000146951	2.49033E-06	0.000218525
Rt3	W08	3	74	0.8	0.2	0.000153284	3.40506E-06	0.000214808
Rt3	W09	3	74	0.8	0.2	0.00015156	2.78986E-06	0.000288892
Rt3	W10	3	74	0.8	0.2	0.000153933	3.82609E-06	0.000278708
Rt3	W11	3	74	0.8	0.2	0.000131742	1.03846E-05	0.000347217
Rt3	W12	3	74	0.8	0.2	0.00014335	8.99041E-06	0.000235192
Rt3	W13	3	74	0.8	0.2	0.000168715	7.96996E-06	0.000318517
Rt3	W14	3	74	0.8	0.2	0.000137819	9.79032E-06	0.000300925
Rt3	W15	3	74	0.8	0.2	0.000169022	2.51724E-06	0.000406483
Rt3	W16	3	74	0.8	0.2	8.41697E-05	1.61503E-05	0.000200925
Rt3	W01	3	74	0.8	0.3	0.000136061	1.44378E-05	0.000261117
Rt3	W02	3	74	0.8	0.3	0.000130292	1.12212E-05	0.000241667
Rt3	W03	3	74	0.8	0.3	0.000152192	9.73665E-06	0.000236117
Rt3	W04	3	74	0.8	0.3	0.000171497	8.863E-06	0.000250925
Rt3	W05	3	74	0.8	0.3	0.000138758	7.49551E-06	0.0001713
Rt3	W06	3	74	0.8	0.3	0.000159173	4.69331E-06	0.000209267
Rt3	W07	3	74	0.8	0.3	0.000153062	4.1564E-06	0.00022315
Rt3	W08	3	74	0.8	0.3	0.000157552	5.22762E-06	0.000202775
Rt3	W09	3	74	0.8	0.3	0.000155606	4.74577E-06	0.000268525
Rt3	W10	3	74	0.8	0.3	0.000155401	6.21002E-06	0.000258333
Rt3	W11	3	74	0.8	0.3	0.00012261	1.19485E-05	0.00032685
Rt3	W12	3	74	0.8	0.3	0.000133961	1.08595E-05	0.000218517
Rt3	W13	3	74	0.8	0.3	0.000154342	9.63872E-06	0.000300925
Rt3	W14	3	74	0.8	0.3	0.000129933	1.15854E-05	0.000283333
Rt3	W15	3	74	0.8	0.3	0.000172641	4.29864E-06	0.00037315
Rt3	W16	3	74	0.8	0.3	9.30971E-05	1.71707E-05	0.000187967
Rt3	W01	3	74	0.8	0.4	8.20361E-05	1.7636E-05	0.000232408
Rt3	W02	3	74	0.8	0.4	9.308E-05	1.35412E-05	0.000220375
Rt3	W03	3	74	0.8	0.4	0.000108562	1.28649E-05	0.000287042
Rt3	W04	3	74	0.8	0.4	0.000121808	1.10617E-05	0.000256483
Rt3	W05	3	74	0.8	0.4	0.000109757	1.07088E-05	0.000209258
Rt3	W06	3	74	0.8	0.4	0.000139082	7.10282E-06	0.00024445
Rt3	W07	3	74	0.8	0.4	0.000139816	6.49728E-06	0.000247225
Rt3	W08	3	74	0.8	0.4	0.000141182	7.72441E-06	0.0002
Rt3	W09	3	74	0.8	0.4	0.000142547	7.00995E-06	0.00025185
Rt3	W10	3	74	0.8	0.4	0.000133961	8.98493E-06	0.000236108
Rt3	W11	3	74	0.8	0.4	9.2824E-05	1.38826E-05	0.000306483
Rt3	W12	3	74	0.8	0.4	9.9942E-05	1.30691E-05	0.000210183
Rt3	W13	3	74	0.8	0.4	0.000119862	1.15829E-05	0.0002787
Rt3	W14	3	74	0.8	0.4	9.90202E-05	1.36961E-05	0.000262042
Rt3	W15	3	74	0.8	0.4	0.000162621	6.3748E-06	0.000345367
Rt3	W16	3	74	0.8	0.4	6.61102E-05	1.82258E-05	0.000186108
Rt3	W01	3	74	0.94	0.2	0.000141762	9.68836E-06	0.000175925
Rt3	W02	3	74	0.94	0.2	0.000137666	7.56167E-06	0.000261108
Rt3	W03	3	74	0.94	0.2	0.000152875	5.76234E-06	0.000212033
Rt3	W04	3	74	0.94	0.2	0.00017428	5.65151E-06	0.000260192
Rt3	W05	3	74	0.94	0.2	0.00013997	4.15173E-06	0.000164817
Rt3	W06	3	74	0.94	0.2	0.000149802	2.55099E-06	0.000197217
Rt3	W07	3	74	0.94	0.2	0.000146951	2.12089E-06	0.000218525
Rt3	W08	3	74	0.94	0.2	0.000153284	2.89935E-06	0.000214808
Rt3	W09	3	74	0.94	0.2	0.00015156	2.37581E-06	0.000288892
Rt3	W10	3	74	0.94	0.2	0.000153933	3.25768E-06	0.000278708
Rt3	W11	3	74	0.94	0.2	0.000131742	8.83881E-06	0.000347217
Rt3	W12	3	74	0.94	0.2	0.00014335	7.65238E-06	0.000235192
Rt3	W13	3	74	0.94	0.2	0.000168715	6.78402E-06	0.000318517
Rt3	W14	3	74	0.94	0.2	0.000137819	8.3332E-06	0.000300925
Rt3	W15	3	74	0.94	0.2	0.000169022	2.14374E-06	0.000406483
Rt3	W16	3	74	0.94	0.2	8.41697E-05	1.37452E-05	0.000200925
Rt3	W01	3	74	0.94	0.3	0.000136061	1.2288E-05	0.000261117
Rt3	W02	3	74	0.94	0.3	0.000130292	9.55068E-06	0.000241667
Rt3	W03	3	74	0.94	0.3	0.000152192	8.28742E-06	0.000236117
Rt3	W04	3	74	0.94	0.3	0.000171497	7.5439E-06	0.000250925

## Zone Deadband db

Rt3	W05	3	74	0.94	0.3	0.000138758	6.38024E-06	0.0001713
Rt3	W06	3	74	0.94	0.3	0.000159173	3.99561E-06	0.000209267
Rt3	W07	3	74	0.94	0.3	0.000153062	3.5387E-06	0.00022315
Rt3	W08	3	74	0.94	0.3	0.000157552	4.45032E-06	0.000202775
Rt3	W09	3	74	0.94	0.3	0.000155606	4.04026E-06	0.000268525
Rt3	W10	3	74	0.94	0.3	0.000155401	5.28633E-06	0.000258333
Rt3	W11	3	74	0.94	0.3	0.00012261	1.01695E-05	0.00032685
Rt3	W12	3	74	0.94	0.3	0.000133961	9.24285E-06	0.000218517
Rt3	W13	3	74	0.94	0.3	0.000154342	8.20396E-06	0.000300925
Rt3	W14	3	74	0.94	0.3	0.000129933	9.86063E-06	0.000283333
Rt3	W15	3	74	0.94	0.3	0.000172641	3.65972E-06	0.00037315
Rt3	W16	3	74	0.94	0.3	9.30971E-05	1.46134E-05	0.000187967
Rt3	W01	3	74	0.94	0.4	8.20361E-05	1.50094E-05	0.000232408
Rt3	W02	3	74	0.94	0.4	9.308E-05	1.15248E-05	0.000220375
Rt3	W03	3	74	0.94	0.4	0.000108562	1.09493E-05	0.000287042
Rt3	W04	3	74	0.94	0.4	0.000121808	9.41481E-06	0.000256483
Rt3	W05	3	74	0.94	0.4	0.000109757	9.11449E-06	0.000209258
Rt3	W06	3	74	0.94	0.4	0.000139082	6.04592E-06	0.00024445
Rt3	W07	3	74	0.94	0.4	0.000139816	5.53064E-06	0.000247225
Rt3	W08	3	74	0.94	0.4	0.000141182	6.57495E-06	0.0002
Rt3	W09	3	74	0.94	0.4	0.000142547	5.96693E-06	0.00025185
Rt3	W10	3	74	0.94	0.4	0.000133961	7.64765E-06	0.000236108
Rt3	W11	3	74	0.94	0.4	9.2824E-05	1.18152E-05	0.000306483
Rt3	W12	3	74	0.94	0.4	9.9942E-05	1.1123E-05	0.000210183
Rt3	W13	3	74	0.94	0.4	0.000119862	9.85831E-06	0.0002787
Rt3	W14	3	74	0.94	0.4	9.90202E-05	1.16566E-05	0.000262042
Rt3	W15	3	74	0.94	0.4	0.000162621	5.42644E-06	0.000345367
Rt3	W16	3	74	0.94	0.4	6.61102E-05	1.55109E-05	0.000186108
Rt3	W01	5	74	0.8	0.2	0.000116564	1.13533E-05	0.000186117
Rt3	W02	5	74	0.8	0.2	0.000124129	8.81913E-06	0.000267592
Rt3	W03	5	74	0.8	0.2	0.000139355	6.75913E-06	0.000222225
Rt3	W04	5	74	0.8	0.2	0.000162946	6.62817E-06	0.000264817
Rt3	W05	5	74	0.8	0.2	0.000132494	4.87318E-06	0.000175925
Rt3	W06	5	74	0.8	0.2	0.000149409	3.00718E-06	0.000211108
Rt3	W07	5	74	0.8	0.2	0.000151031	2.47166E-06	0.00023055
Rt3	W08	5	74	0.8	0.2	0.000153984	3.38547E-06	0.00021945
Rt3	W09	5	74	0.8	0.2	0.000152465	2.80006E-06	0.000290742
Rt3	W10	5	74	0.8	0.2	0.000151714	3.83357E-06	0.000280558
Rt3	W11	5	74	0.8	0.2	0.000124181	1.03311E-05	0.00035
Rt3	W12	5	74	0.8	0.2	0.000135412	8.95038E-06	0.000238892
Rt3	W13	5	74	0.8	0.2	0.00016059	7.89936E-06	0.000318517
Rt3	W14	5	74	0.8	0.2	0.000129711	9.71788E-06	0.000300925
Rt3	W15	5	74	0.8	0.2	0.000170849	2.53212E-06	0.0004037
Rt3	W16	5	74	0.8	0.2	7.97317E-05	1.6138E-05	0.000204633
Rt3	W01	5	74	0.8	0.3	0.000109596	1.43714E-05	0.000244442
Rt3	W02	5	74	0.8	0.3	0.000117984	1.11551E-05	0.00025
Rt3	W03	5	74	0.8	0.3	0.000137358	9.68858E-06	0.000245367
Rt3	W04	5	74	0.8	0.3	0.000158661	8.79175E-06	0.000261117
Rt3	W05	5	74	0.8	0.3	0.000128124	7.46303E-06	0.000185183
Rt3	W06	5	74	0.8	0.3	0.000153626	4.71638E-06	0.00022315
Rt3	W07	5	74	0.8	0.3	0.000152636	4.10344E-06	0.000233333
Rt3	W08	5	74	0.8	0.3	0.00015494	5.19108E-06	0.000206483
Rt3	W09	5	74	0.8	0.3	0.000153984	4.75353E-06	0.000271292
Rt3	W10	5	74	0.8	0.3	0.000150468	6.17131E-06	0.000262042
Rt3	W11	5	74	0.8	0.3	0.000116721	1.19012E-05	0.000331475
Rt3	W12	5	74	0.8	0.3	0.000126417	1.08161E-05	0.000224075
Rt3	W13	5	74	0.8	0.3	0.000147754	9.57692E-06	0.000302783
Rt3	W14	5	74	0.8	0.3	0.000122542	1.15106E-05	0.000285183
Rt3	W15	5	74	0.8	0.3	0.000172419	4.25896E-06	0.000371292
Rt3	W16	5	74	0.8	0.3	8.54841E-05	1.71392E-05	0.000194442
Rt3	W01	5	74	0.8	0.4	6.80578E-05	1.75975E-05	0.000211108
Rt3	W02	5	74	0.8	0.4	8.80274E-05	1.34551E-05	0.000229633
Rt3	W03	5	74	0.8	0.4	9.93104E-05	1.27707E-05	0.000294442
Rt3	W04	5	74	0.8	0.4	0.000116926	1.09457E-05	0.000269442
Rt3	W05	5	74	0.8	0.4	0.000100283	1.06307E-05	0.00022315
Rt3	W06	5	74	0.8	0.4	0.000131777	7.13778E-06	0.000258333
Rt3	W07	5	74	0.8	0.4	0.0001363	6.40322E-06	0.000255558
Rt3	W08	5	74	0.8	0.4	0.000136727	7.65926E-06	0.00020555
Rt3	W09	5	74	0.8	0.4	0.00013758	7.01255E-06	0.000255558
Rt3	W10	5	74	0.8	0.4	0.000128721	8.88442E-06	0.000242592
Rt3	W11	5	74	0.8	0.4	9.10829E-05	1.37998E-05	0.000312033
Rt3	W12	5	74	0.8	0.4	9.72279E-05	1.29932E-05	0.000216667
Rt3	W13	5	74	0.8	0.4	0.000118172	1.14371E-05	0.000281483

## Zone Deadband db

Rt3	W14	5	74	0.8	0.4	9.68524E-05	1.35194E-05	0.000264808
Rt3	W15	5	74	0.8	0.4	0.000159822	6.25165E-06	0.000342592
Rt3	W16	5	74	0.8	0.4	6.34303E-05	1.81515E-05	0.000193517
Rt3	W01	5	74	0.94	0.2	0.000116564	9.66337E-06	0.000186117
Rt3	W02	5	74	0.94	0.2	0.000124129	7.50676E-06	0.000267592
Rt3	W03	5	74	0.94	0.2	0.000139355	5.7537E-06	0.000222225
Rt3	W04	5	74	0.94	0.2	0.000162946	5.64226E-06	0.000264817
Rt3	W05	5	74	0.94	0.2	0.000132494	4.14879E-06	0.000175925
Rt3	W06	5	74	0.94	0.2	0.000149409	2.56074E-06	0.000211108
Rt3	W07	5	74	0.94	0.2	0.000151031	2.10501E-06	0.00023055
Rt3	W08	5	74	0.94	0.2	0.000153984	2.88266E-06	0.00021945
Rt3	W09	5	74	0.94	0.2	0.000152465	2.38448E-06	0.000290742
Rt3	W10	5	74	0.94	0.2	0.000151714	3.26404E-06	0.000280558
Rt3	W11	5	74	0.94	0.2	0.000124181	8.79327E-06	0.00035
Rt3	W12	5	74	0.94	0.2	0.000135412	7.61829E-06	0.000238892
Rt3	W13	5	74	0.94	0.2	0.00016059	6.72393E-06	0.000318517
Rt3	W14	5	74	0.94	0.2	0.000129711	8.27152E-06	0.000300925
Rt3	W15	5	74	0.94	0.2	0.000170849	2.1564E-06	0.0004037
Rt3	W16	5	74	0.94	0.2	7.97317E-05	1.37346E-05	0.000204633
Rt3	W01	5	74	0.94	0.3	0.000109596	1.22315E-05	0.000244442
Rt3	W02	5	74	0.94	0.3	0.000117984	9.49437E-06	0.00025
Rt3	W03	5	74	0.94	0.3	0.000137358	8.2465E-06	0.000245367
Rt3	W04	5	74	0.94	0.3	0.000158661	7.48325E-06	0.000261117
Rt3	W05	5	74	0.94	0.3	0.000128124	6.35259E-06	0.000185183
Rt3	W06	5	74	0.94	0.3	0.000153626	4.01523E-06	0.00022315
Rt3	W07	5	74	0.94	0.3	0.000152636	3.49362E-06	0.000233333
Rt3	W08	5	74	0.94	0.3	0.00015494	4.41922E-06	0.000206483
Rt3	W09	5	74	0.94	0.3	0.000153984	4.04686E-06	0.000271292
Rt3	W10	5	74	0.94	0.3	0.000150468	5.25339E-06	0.000262042
Rt3	W11	5	74	0.94	0.3	0.000116721	1.01293E-05	0.000331475
Rt3	W12	5	74	0.94	0.3	0.000126417	9.20582E-06	0.000224075
Rt3	W13	5	74	0.94	0.3	0.000147754	8.15136E-06	0.000302783
Rt3	W14	5	74	0.94	0.3	0.000122542	9.79691E-06	0.000285183
Rt3	W15	5	74	0.94	0.3	0.000172419	3.62595E-06	0.000371292
Rt3	W16	5	74	0.94	0.3	8.54841E-05	1.45866E-05	0.000194442
Rt3	W01	5	74	0.94	0.4	6.80578E-05	1.49764E-05	0.000211108
Rt3	W02	5	74	0.94	0.4	8.80274E-05	1.14516E-05	0.000229633
Rt3	W03	5	74	0.94	0.4	9.93104E-05	1.08692E-05	0.000294442
Rt3	W04	5	74	0.94	0.4	0.000116926	9.31602E-06	0.000269442
Rt3	W05	5	74	0.94	0.4	0.000100283	9.048E-06	0.00022315
Rt3	W06	5	74	0.94	0.4	0.000131777	6.07565E-06	0.000258333
Rt3	W07	5	74	0.94	0.4	0.0001363	5.45058E-06	0.000255558
Rt3	W08	5	74	0.94	0.4	0.000136727	6.51948E-06	0.00020555
Rt3	W09	5	74	0.94	0.4	0.00013758	5.96912E-06	0.000255558
Rt3	W10	5	74	0.94	0.4	0.000128721	7.5621E-06	0.000242592
Rt3	W11	5	74	0.94	0.4	9.10829E-05	1.17447E-05	0.000312033
Rt3	W12	5	74	0.94	0.4	9.72279E-05	1.10585E-05	0.000216667
Rt3	W13	5	74	0.94	0.4	0.000118172	9.73424E-06	0.000281483
Rt3	W14	5	74	0.94	0.4	9.68524E-05	1.15061E-05	0.000264808
Rt3	W15	5	74	0.94	0.4	0.000159822	5.32163E-06	0.000342592
Rt3	W16	5	74	0.94	0.4	6.34303E-05	1.54479E-05	0.000193517

#### **D4. Pre-Calculated Savings Values: Reduce Lighting Operating Schedule**

# Lighting Schedule db

Pre-Calc'd Values

Inputs

Outputs

SAVINGS

DEER

Building Type	Climate Zone	Building Vintage	Hours Reduced	Total EE (10 <sup>3</sup> kWh/kW-HourRed)	Total GE (10 <sup>6</sup> BTU/kW-HourRed)	Demand (kW/kW-HourRed)
Ofi	W01	75	5304	0.413231891	-0.008383807	0
Ofi	W02	75	5304	0.41185022	-0.008951156	0
Ofi	W03	75	5304	0.420338862	-0.007633301	0
Ofi	W04	75	5304	0.430269622	-0.007128818	0
Ofi	W05	75	5304	0.422799963	-0.007785025	0
Ofi	W06	75	5304	0.441150281	-0.005259935	0
Ofi	W07	75	5304	0.441305719	-0.005032564	0
Ofi	W08	75	5304	0.445735702	-0.005244132	0
Ofi	W09	75	5304	0.441279813	-0.006035398	0
Ofi	W10	75	5304	0.443835904	-0.00616752	0
Ofi	W11	75	5304	0.408827815	-0.008653492	0
Ofi	W12	75	5304	0.422264565	-0.008667481	0
Ofi	W13	75	5304	0.44706556	-0.006417862	0
Ofi	W14	75	5304	0.405045491	-0.009425932	0
Ofi	W15	75	5304	0.483317153	-0.003769976	0
Ofi	W16	75	5304	0.344355592	-0.015707181	0
Ofi	W01	85	5304	0.430252351	-0.003779388	0
Ofi	W02	85	5304	0.437644291	-0.003750114	0
Ofi	W03	85	5304	0.437454311	-0.003276719	0
Ofi	W04	85	5304	0.445683889	-0.00297776	0
Ofi	W05	85	5304	0.43927639	-0.003397356	0
Ofi	W06	85	5304	0.450027517	-0.002486749	0
Ofi	W07	85	5304	0.452281368	-0.00241643	0
Ofi	W08	85	5304	0.454897908	-0.002366889	0
Ofi	W09	85	5304	0.453084464	-0.002553673	0
Ofi	W10	85	5304	0.453049923	-0.002522499	0
Ofi	W11	85	5304	0.451340105	-0.003753568	0
Ofi	W12	85	5304	0.436538954	-0.003985085	0
Ofi	W13	85	5304	0.458257095	-0.002849351	0
Ofi	W14	85	5304	0.454327968	-0.002864808	0
Ofi	W15	85	5304	0.498938671	-0.001980565	0
Ofi	W16	85	5304	0.429967381	-0.005136707	0
Ofi	W01	96	5304	0.425573799	-0.003530633	0
Ofi	W02	96	5304	0.430609508	-0.00388116	0
Ofi	W03	96	5304	0.427603115	-0.003455849	0
Ofi	W04	96	5304	0.436537741	-0.003238356	0
Ofi	W05	96	5304	0.431445662	-0.003352035	0
Ofi	W06	96	5304	0.438736166	-0.002389143	0
Ofi	W07	96	5304	0.439459579	-0.002327541	0
Ofi	W08	96	5304	0.445509946	-0.002364716	0
Ofi	W09	96	5304	0.443208176	-0.002581553	0
Ofi	W10	96	5304	0.448929719	-0.00248563	0
Ofi	W11	96	5304	0.436011622	-0.003854854	0
Ofi	W12	96	5304	0.433493767	-0.003939315	0
Ofi	W13	96	5304	0.447069513	-0.002936589	0

Lighting Schedule db

Ofi	W14	96	5304	0.446891008	-0.002816897	0
Ofi	W15	96	5304	0.480703541	-0.001589884	0
Ofi	W16	96	5304	0.422473456	-0.005739675	0
Ofi	W01	3	5304	0.467407069	-0.002727367	0
Ofi	W02	3	5304	0.456335635	-0.002226557	0
Ofi	W03	3	5304	0.465727005	-0.002056663	0
Ofi	W04	3	5304	0.470314146	-0.00195501	0
Ofi	W05	3	5304	0.467699664	-0.001970961	0
Ofi	W06	3	5304	0.467152228	-0.001370574	0
Ofi	W07	3	5304	0.463895923	-0.000948802	0
Ofi	W08	3	5304	0.465122937	-0.001347157	0
Ofi	W09	3	5304	0.466444335	-0.001047775	0
Ofi	W10	3	5304	0.46398087	-0.001726445	0
Ofi	W11	3	5304	0.455042551	-0.002095833	0
Ofi	W12	3	5304	0.457892997	-0.002254967	0
Ofi	W13	3	5304	0.468256539	-0.001756432	0
Ofi	W14	3	5304	0.455608865	-0.001941522	0
Ofi	W15	3	5304	0.48986141	-0.001166814	0
Ofi	W16	3	5304	0.43744907	-0.003645456	0
Ofi	W01	5	5304	0.4599477	-0.002668149	0
Ofi	W02	5	5304	0.453999732	-0.002270266	0
Ofi	W03	5	5304	0.459178842	-0.002275712	0
Ofi	W04	5	5304	0.466611132	-0.002021989	0
Ofi	W05	5	5304	0.462884309	-0.002257131	0
Ofi	W06	5	5304	0.466749954	-0.001499336	0
Ofi	W07	5	5304	0.465585989	-0.000971612	0
Ofi	W08	5	5304	0.463695881	-0.001479602	0
Ofi	W09	5	5304	0.465158846	-0.00124918	0
Ofi	W10	5	5304	0.465564632	-0.001652916	0
Ofi	W11	5	5304	0.452846446	-0.002407272	0
Ofi	W12	5	5304	0.457480948	-0.002333376	0
Ofi	W13	5	5304	0.466216025	-0.001911572	0
Ofi	W14	5	5304	0.453476482	-0.002149384	0
Ofi	W15	5	5304	0.484551143	-0.001118432	0
Ofi	W16	5	5304	0.437052829	-0.004324504	0
Hsp	W01	75	6212	0.393476726	-0.014184009	0
Hsp	W02	75	6212	0.399247898	-0.013034734	0
Hsp	W03	75	6212	0.396001614	-0.013433305	0
Hsp	W04	75	6212	0.399743858	-0.012993704	0
Hsp	W05	75	6212	0.396046701	-0.013348541	0
Hsp	W06	75	6212	0.396497574	-0.012857992	0
Hsp	W07	75	6212	0.398751938	-0.012674035	0
Hsp	W08	75	6212	0.403711539	-0.012560416	0
Hsp	W09	75	6212	0.402945055	-0.012267799	0
Hsp	W10	75	6212	0.402178572	-0.012429212	0
Hsp	W11	75	6212	0.402854881	-0.01274347	0
Hsp	W12	75	6212	0.399834033	-0.013119047	0
Hsp	W13	75	6212	0.405424856	-0.012336332	0
Hsp	W14	75	6212	0.404838721	-0.012437327	0
Hsp	W15	75	6212	0.407949744	-0.010990927	0
Hsp	W16	75	6212	0.398301065	-0.013662349	0
Hsp	W01	85	6212	0.393837424	-0.013322841	0

Lighting Schedule db

Hsp	W02	85	6212	0.395505654	-0.012839506	0
Hsp	W03	85	6212	0.394784257	-0.012811552	0
Hsp	W04	85	6212	0.396001614	-0.012880084	0
Hsp	W05	85	6212	0.394558821	-0.012915703	0
Hsp	W06	85	6212	0.393792337	-0.012477906	0
Hsp	W07	85	6212	0.394784257	-0.012525247	0
Hsp	W08	85	6212	0.397940367	-0.012272308	0
Hsp	W09	85	6212	0.397354232	-0.01234084	0
Hsp	W10	85	6212	0.395054781	-0.012664567	0
Hsp	W11	85	6212	0.397128796	-0.013139787	0
Hsp	W12	85	6212	0.394648995	-0.013253858	0
Hsp	W13	85	6212	0.39739932	-0.013227707	0
Hsp	W14	85	6212	0.397354232	-0.013064491	0
Hsp	W15	85	6212	0.394153035	-0.012473397	0
Hsp	W16	85	6212	0.395325304	-0.013398588	0
Hsp	W01	96	6212	0.396452487	-0.01488196	0
Hsp	W02	96	6212	0.393206202	-0.014748501	0
Hsp	W03	96	6212	0.392755329	-0.014715137	0
Hsp	W04	96	6212	0.39207902	-0.01482019	0
Hsp	W05	96	6212	0.391853584	-0.01470116	0
Hsp	W06	96	6212	0.390861663	-0.014658327	0
Hsp	W07	96	6212	0.391718322	-0.014700709	0
Hsp	W08	96	6212	0.393882511	-0.014636685	0
Hsp	W09	96	6212	0.394153035	-0.014551019	0
Hsp	W10	96	6212	0.392394631	-0.014684928	0
Hsp	W11	96	6212	0.393792337	-0.014795392	0
Hsp	W12	96	6212	0.391537973	-0.014920284	0
Hsp	W13	96	6212	0.404117325	-0.014733172	0
Hsp	W14	96	6212	0.393611988	-0.014940122	0
Hsp	W15	96	6212	0.411196028	-0.014330542	0
Hsp	W16	96	6212	0.392935678	-0.015224623	0
Hsp	W01	3	6212	0.396407399	-0.012606855	0
Hsp	W02	3	6212	0.400735779	-0.0123715	0
Hsp	W03	3	6212	0.400284906	-0.01220107	0
Hsp	W04	3	6212	0.39721897	-0.012291244	0
Hsp	W05	3	6212	0.399518422	-0.012280874	0
Hsp	W06	3	6212	0.399743858	-0.011939564	0
Hsp	W07	3	6212	0.401231739	-0.011886361	0
Hsp	W08	3	6212	0.402899968	-0.011953541	0
Hsp	W09	3	6212	0.403350841	-0.011727203	0
Hsp	W10	3	6212	0.406236427	-0.012171763	0
Hsp	W11	3	6212	0.402133484	-0.012389986	0
Hsp	W12	3	6212	0.399608596	-0.012445443	0
Hsp	W13	3	6212	0.402854881	-0.012201521	0
Hsp	W14	3	6212	0.402494183	-0.01258341	0
Hsp	W15	3	6212	0.412052687	-0.011683919	0
Hsp	W16	3	6212	0.398706851	-0.013326899	0
Hsp	W01	5	6212	0.398481422	-0.013151994	0
Hsp	W02	5	6212	0.402455702	-0.012703331	0
Hsp	W03	5	6212	0.400923449	-0.012767973	0
Hsp	W04	5	6212	0.401114981	-0.012735891	0
Hsp	W05	5	6212	0.400731918	-0.01290827	0



Lighting Schedule db

Hsp	W06	5	6212	0.401019215	-0.012379643	0
Hsp	W07	5	6212	0.401689576	-0.012317874	0
Hsp	W08	5	6212	0.403030297	-0.012413161	0
Hsp	W09	5	6212	0.403892189	-0.012056433	0
Hsp	W10	5	6212	0.399870026	-0.012527122	0
Hsp	W11	5	6212	0.40341336	-0.012831178	0
Hsp	W12	5	6212	0.402168404	-0.012827348	0
Hsp	W13	5	6212	0.404658315	-0.012527122	0
Hsp	W14	5	6212	0.404466783	-0.012958068	0
Hsp	W15	5	6212	0.428503995	-0.011976469	0
Hsp	W16	5	6212	0.399822143	-0.013725152	0
Eun	W01	75	6212	0.351989468	-0.006445399	0
Eun	W02	75	6212	0.357360029	-0.00626788	0
Eun	W03	75	6212	0.357360029	-0.006048703	0
Eun	W04	75	6212	0.361366177	-0.005784675	0
Eun	W05	75	6212	0.36050979	-0.005989482	0
Eun	W06	75	6212	0.364849784	-0.004627972	0
Eun	W07	75	6212	0.366939948	-0.004009487	0
Eun	W08	75	6212	0.369944559	-0.004214584	0
Eun	W09	75	6212	0.367520549	-0.005112048	0
Eun	W10	75	6212	0.368841417	-0.004820877	0
Eun	W11	75	6212	0.362803165	-0.005517598	0
Eun	W12	75	6212	0.360800091	-0.006053348	0
Eun	W13	75	6212	0.369596199	-0.004953109	0
Eun	W14	75	6212	0.368405966	-0.004894903	0
Eun	W15	75	6212	0.392979911	-0.003234529	0
Eun	W16	75	6212	0.353528061	-0.006942248	0
Eun	W01	85	6212	0.363688582	-0.002724326	0
Eun	W02	85	6212	0.366519012	-0.002915489	0
Eun	W03	85	6212	0.37274596	-0.002447815	0
Eun	W04	85	6212	0.380787286	-0.002438815	0
Eun	W05	85	6212	0.375881206	-0.002479312	0
Eun	W06	85	6212	0.385083735	-0.001810605	0
Eun	W07	85	6212	0.390222056	-0.001887593	0
Eun	W08	85	6212	0.389089883	-0.001759468	0
Eun	W09	85	6212	0.387870621	-0.002104534	0
Eun	W10	85	6212	0.387420655	-0.001938918	0
Eun	W11	85	6212	0.369944559	-0.002674249	0
Eun	W12	85	6212	0.371454122	-0.0028059	0
Eun	W13	85	6212	0.384009623	-0.002142128	0
Eun	W14	85	6212	0.383196781	-0.00250631	0
Eun	W15	85	6212	0.409962496	-0.00135193	0
Eun	W16	85	6212	0.358695411	-0.004619553	0
Eun	W01	96	6212	0.362136884	-0.00318763	0
Eun	W02	96	6212	0.369117983	-0.003327707	0
Eun	W03	96	6212	0.372714766	-0.002953156	0
Eun	W04	96	6212	0.378785286	-0.002839486	0
Eun	W05	96	6212	0.375142974	-0.002834933	0
Eun	W06	96	6212	0.386525199	-0.001766886	0
Eun	W07	96	6212	0.384810277	-0.001595409	0
Eun	W08	96	6212	0.38787589	-0.001583146	0
Eun	W09	96	6212	0.385736032	-0.002154762	0

Lighting Schedule db

Eun	W10	96	6212	0.385311095	-0.002235621	0
Eun	W11	96	6212	0.371971127	-0.003237864	0
Eun	W12	96	6212	0.372274653	-0.003338179	0
Eun	W13	96	6212	0.382473127	-0.002686964	0
Eun	W14	96	6212	0.378041647	-0.003037688	0
Eun	W15	96	6212	0.399227763	-0.001544826	0
Eun	W16	96	6212	0.360604078	-0.005876415	0
Eun	W01	3	6212	0.372195613	-0.002705935	0
Eun	W02	3	6212	0.374109983	-0.003032432	0
Eun	W03	3	6212	0.375708218	-0.003265317	0
Eun	W04	3	6212	0.383646705	-0.003076339	0
Eun	W05	3	6212	0.376270235	-0.002955154	0
Eun	W06	3	6212	0.390092335	-0.001965513	0
Eun	W07	3	6212	0.390513848	-0.001802757	0
Eun	W08	3	6212	0.392199898	-0.001738371	0
Eun	W09	3	6212	0.389266873	-0.002089174	0
Eun	W10	3	6212	0.389758638	-0.001967779	0
Eun	W11	3	6212	0.382663176	-0.002636034	0
Eun	W12	3	6212	0.381381075	-0.002915111	0
Eun	W13	3	6212	0.39075973	-0.002136893	0
Eun	W14	3	6212	0.382944184	-0.002652719	0
Eun	W15	3	6212	0.40080578	-0.001085026	0
Eun	W16	3	6212	0.368156118	-0.005704295	0
Eun	W01	5	6212	0.375633592	-0.00282939	0
Eun	W02	5	6212	0.379542723	-0.003175143	0
Eun	W03	5	6212	0.38023887	-0.00326707	0
Eun	W04	5	6212	0.387593034	-0.003070721	0
Eun	W05	5	6212	0.381220615	-0.002957017	0
Eun	W06	5	6212	0.396678641	-0.001925934	0
Eun	W07	5	6212	0.395322047	-0.001744258	0
Eun	W08	5	6212	0.395714745	-0.001721035	0
Eun	W09	5	6212	0.394197503	-0.002017968	0
Eun	W10	5	6212	0.396607241	-0.002049045	0
Eun	W11	5	6212	0.38634354	-0.002671775	0
Eun	W12	5	6212	0.384861998	-0.003024668	0
Eun	W13	5	6212	0.393180058	-0.00224302	0
Eun	W14	5	6212	0.385790193	-0.002739783	0
Eun	W15	5	6212	0.40297966	-0.00109793	0
Eun	W16	5	6212	0.370974764	-0.005774447	0
Htl	W01	75	6212	0.442314219	-0.010797671	0
Htl	W02	75	6212	0.451941058	-0.009366654	0
Htl	W03	75	6212	0.473536399	-0.008482026	0
Htl	W04	75	6212	0.453241982	-0.008377952	0
Htl	W05	75	6212	0.443615143	-0.009939061	0
Htl	W06	75	6212	0.444655882	-0.009288599	0
Htl	W07	75	6212	0.450379949	-0.008820266	0
Htl	W08	75	6212	0.481081759	-0.006270455	0
Htl	W09	75	6212	0.452721612	-0.008872303	0
Htl	W10	75	6212	0.431906825	-0.013191371	0
Htl	W11	75	6212	0.439972555	-0.013425537	0
Htl	W12	75	6212	0.436329967	-0.012228687	0
Htl	W13	75	6212	0.41655592	-0.01904553	0

Lighting Schedule db

Htl	W14	75	6212	0.420458693	-0.019617937	0
Htl	W15	75	6212	0.428524422	-0.021725434	0
Htl	W16	75	6212	0.424881835	-0.015480998	0
Htl	W01	85	6212	0.445176252	-0.007571379	0
Htl	W02	85	6212	0.433728119	-0.008299896	0
Htl	W03	85	6212	0.429304977	-0.008976377	0
Htl	W04	85	6212	0.441013294	-0.00874221	0
Htl	W05	85	6212	0.442834588	-0.007623416	0
Htl	W06	85	6212	0.443875328	-0.009392673	0
Htl	W07	85	6212	0.458445678	-0.006608695	0
Htl	W08	85	6212	0.468853072	-0.006374528	0
Htl	W09	85	6212	0.469633626	-0.006322491	0
Htl	W10	85	6212	0.460006787	-0.004267031	0
Htl	W11	85	6212	0.460527157	-0.007441286	0
Htl	W12	85	6212	0.439192001	-0.008429989	0
Htl	W13	85	6212	0.476138247	-0.006062307	0
Htl	W14	85	6212	0.473016029	-0.006270455	0
Htl	W15	85	6212	0.482122498	-0.003148236	0
Htl	W16	85	6212	0.445436437	-0.010485449	0
Htl	W01	96	6212	0.433468642	-0.007441103	0
Htl	W02	96	6212	0.41429724	-0.008513402	0
Htl	W03	96	6212	0.418521447	-0.008675872	0
Htl	W04	96	6212	0.418846386	-0.009000811	0
Htl	W05	96	6212	0.440292361	-0.007538585	0
Htl	W06	96	6212	0.439317544	-0.008545896	0
Htl	W07	96	6212	0.450365471	-0.00666125	0
Htl	W08	96	6212	0.447765959	-0.00591389	0
Htl	W09	96	6212	0.437042971	-0.006921201	0
Htl	W10	96	6212	0.436068154	-0.00724614	0
Htl	W11	96	6212	0.427944679	-0.007961006	0
Htl	W12	96	6212	0.441592117	-0.00666125	0
Htl	W13	96	6212	0.443541751	-0.007343622	0
Htl	W14	96	6212	0.427294801	-0.008025994	0
Htl	W15	96	6212	0.47343614	-0.003086921	0
Htl	W16	96	6212	0.438342727	-0.010365554	0
Htl	W01	3	6212	0.435418276	-0.007961006	0
Htl	W02	3	6212	0.429894313	-0.008480908	0
Htl	W03	3	6212	0.435093337	-0.007506091	0
Htl	W04	3	6212	0.429569374	-0.008545896	0
Htl	W05	3	6212	0.439317544	-0.008513402	0
Htl	W06	3	6212	0.431519008	-0.007473597	0
Htl	W07	3	6212	0.430219252	-0.008448414	0
Htl	W08	3	6212	0.43736791	-0.007343622	0
Htl	W09	3	6212	0.442891873	-0.005523963	0
Htl	W10	3	6212	0.454914617	-0.005069049	0
Htl	W11	3	6212	0.428919496	-0.007018683	0
Htl	W12	3	6212	0.438667666	-0.007116164	0
Htl	W13	3	6212	0.451990166	-0.005621445	0
Htl	W14	3	6212	0.439967422	-0.007018683	0
Htl	W15	3	6212	0.479934921	-0.001982128	0
Htl	W16	3	6212	0.435743215	-0.010105603	0
Htl	W01	5	6212	0.446862894	-0.007997181	0

## Lighting Schedule db

Htl	W02	5	6212	0.444904401	-0.008323597	0
Htl	W03	5	6212	0.434785519	-0.008454163	0
Htl	W04	5	6212	0.440660999	-0.008943786	0
Htl	W05	5	6212	0.443598739	-0.007638124	0
Htl	W06	5	6212	0.451432712	-0.006789444	0
Htl	W07	5	6212	0.451106297	-0.005940763	0
Htl	W08	5	6212	0.446210063	-0.00692001	0
Htl	W09	5	6212	0.448168557	-0.007246425	0
Htl	W10	5	6212	0.445230817	-0.006658877	0
Htl	W11	5	6212	0.42368739	-0.011979451	0
Htl	W12	5	6212	0.459593101	-0.007017934	0
Htl	W13	5	6212	0.461551594	-0.005418498	0
Htl	W14	5	6212	0.448168557	-0.007540199	0
Htl	W15	5	6212	0.482115774	-0.002121701	0
Htl	W16	5	6212	0.418464741	-0.012305866	0
Rt3	W01	75	6212	0.641001803	-0.01796984	0
Rt3	W02	75	6212	0.670275012	-0.014313676	0
Rt3	W03	75	6212	0.652341777	-0.015853153	0
Rt3	W04	75	6212	0.676889996	-0.013527481	0
Rt3	W05	75	6212	0.65793573	-0.014928359	0
Rt3	W06	75	6212	0.676466377	-0.011742739	0
Rt3	W07	75	6212	0.681234814	-0.010571756	0
Rt3	W08	75	6212	0.694519094	-0.010570822	0
Rt3	W09	75	6212	0.694117198	-0.010404133	0
Rt3	W10	75	6212	0.701253561	-0.010775245	0
Rt3	W11	75	6212	0.688631866	-0.013120263	0
Rt3	W12	75	6212	0.680094299	-0.01397163	0
Rt3	W13	75	6212	0.706000274	-0.011181497	0
Rt3	W14	75	6212	0.697755983	-0.012428568	0
Rt3	W15	75	6212	0.732710041	-0.007765547	0
Rt3	W16	75	6212	0.661487618	-0.017027666	0
Rt3	W01	85	6212	0.631378032	-0.008410481	0
Rt3	W02	85	6212	0.685666528	-0.006652578	0
Rt3	W03	85	6212	0.664778817	-0.005164142	0
Rt3	W04	85	6212	0.700123909	-0.004906168	0
Rt3	W05	85	6212	0.694899265	-0.00367917	0
Rt3	W06	85	6212	0.733111936	-0.001910342	0
Rt3	W07	85	6212	0.744408462	-0.001568932	0
Rt3	W08	85	6212	0.748470866	-0.002111799	0
Rt3	W09	85	6212	0.743398292	-0.00189742	0
Rt3	W10	85	6212	0.747873454	-0.002659474	0
Rt3	W11	85	6212	0.696734951	-0.007354647	0
Rt3	W12	85	6212	0.697440984	-0.006637426	0
Rt3	W13	85	6212	0.721565583	-0.005509902	0
Rt3	W14	85	6212	0.711963537	-0.006533096	0
Rt3	W15	85	6212	0.777776661	-0.001695368	0
Rt3	W16	85	6212	0.659043658	-0.01202526	0
Rt3	W01	96	6212	0.644926548	-0.007652527	0
Rt3	W02	96	6212	0.681140306	-0.006360345	0
Rt3	W03	96	6212	0.672189463	-0.004638334	0
Rt3	W04	96	6212	0.691067202	-0.004510948	0
Rt3	W05	96	6212	0.679143836	-0.003291004	0

# Lighting Schedule db

Rt3	W06	96	6212	0.719084339	-0.001596317	0
Rt3	W07	96	6212	0.736253986	-0.001281187	0
Rt3	W08	96	6212	0.731662104	-0.001906496	0
Rt3	W09	96	6212	0.734812091	-0.001755397	0
Rt3	W10	96	6212	0.73576596	-0.002622364	0
Rt3	W11	96	6212	0.69496032	-0.00717577	0
Rt3	W12	96	6212	0.695426163	-0.006447092	0
Rt3	W13	96	6212	0.713228025	-0.005482752	0
Rt3	W14	96	6212	0.705796718	-0.006581687	0
Rt3	W15	96	6212	0.779289019	-0.001704252	0
Rt3	W16	96	6212	0.673276431	-0.012309461	0
Rt3	W01	3	6212	0.718765953	-0.008000927	0
Rt3	W02	3	6212	0.709964795	-0.006334955	0
Rt3	W03	3	6212	0.738961405	-0.00465644	0
Rt3	W04	3	6212	0.742707828	-0.004501662	0
Rt3	W05	3	6212	0.732537288	-0.00312952	0
Rt3	W06	3	6212	0.752455575	-0.001847983	0
Rt3	W07	3	6212	0.757282471	-0.001437285	0
Rt3	W08	3	6212	0.746665648	-0.002113499	0
Rt3	W09	3	6212	0.756354673	-0.001692608	0
Rt3	W10	3	6212	0.747640423	-0.002385121	0
Rt3	W11	3	6212	0.707909547	-0.007116736	0
Rt3	W12	3	6212	0.717222756	-0.006407969	0
Rt3	W13	3	6212	0.731785654	-0.005349293	0
Rt3	W14	3	6212	0.710845615	-0.006587245	0
Rt3	W15	3	6212	0.762872745	-0.001464153	0
Rt3	W16	3	6212	0.678631074	-0.012521157	0
Rt3	W01	5	6212	0.712929049	-0.008097817	0
Rt3	W02	5	6212	0.711855623	-0.006395767	0
Rt3	W03	5	6212	0.738174539	-0.004733823	0
Rt3	W04	5	6212	0.744833542	-0.004539443	0
Rt3	W05	5	6212	0.734733467	-0.003187055	0
Rt3	W06	5	6212	0.75714154	-0.001856588	0
Rt3	W07	5	6212	0.763647867	-0.001452015	0
Rt3	W08	5	6212	0.750482537	-0.002124469	0
Rt3	W09	5	6212	0.761275524	-0.001700013	0
Rt3	W10	5	6212	0.751868361	-0.002390512	0
Rt3	W11	5	6212	0.711761669	-0.007178558	0
Rt3	W12	5	6212	0.720628595	-0.006477613	0
Rt3	W13	5	6212	0.735226726	-0.005422061	0
Rt3	W14	5	6212	0.715038321	-0.00661017	0
Rt3	W15	5	6212	0.766748355	-0.001472718	0
Rt3	W16	5	6212	0.680780276	-0.012603719	0
Ofi	W01	75	4368	0.477842282	-0.009499278	0
Ofi	W02	75	4368	0.475608786	-0.010201204	0
Ofi	W03	75	4368	0.485979337	-0.008623915	0
Ofi	W04	75	4368	0.497713055	-0.008069841	0
Ofi	W05	75	4368	0.488999275	-0.008821994	0
Ofi	W06	75	4368	0.510233214	-0.00598472	0
Ofi	W07	75	4368	0.510537305	-0.005733269	0
Ofi	W08	75	4368	0.515214015	-0.005922749	0
Ofi	W09	75	4368	0.510327588	-0.006890702	0

Lighting Schedule db

Ofi	W10	75	4368	0.513766961	-0.007051765	0
Ofi	W11	75	4368	0.471519286	-0.009910849	0
Ofi	W12	75	4368	0.488202347	-0.009869535	0
Ofi	W13	75	4368	0.517594313	-0.007290214	0
Ofi	W14	75	4368	0.466601401	-0.010888659	0
Ofi	W15	75	4368	0.559768587	-0.004285481	0
Ofi	W16	75	4368	0.394080944	-0.018236127	0
Ofi	W01	85	4368	0.498688243	-0.004210716	0
Ofi	W02	85	4368	0.505577477	-0.004193415	0
Ofi	W03	85	4368	0.505682336	-0.003619207	0
Ofi	W04	85	4368	0.51527693	-0.003289635	0
Ofi	W05	85	4368	0.507706114	-0.00372868	0
Ofi	W06	85	4368	0.520341618	-0.002812737	0
Ofi	W07	85	4368	0.523036493	-0.002666217	0
Ofi	W08	85	4368	0.525689425	-0.002660272	0
Ofi	W09	85	4368	0.52498687	-0.002833184	0
Ofi	W10	85	4368	0.523361556	-0.002777609	0
Ofi	W11	85	4368	0.521904017	-0.004210087	0
Ofi	W12	85	4368	0.504476458	-0.00444969	0
Ofi	W13	85	4368	0.530114473	-0.003200505	0
Ofi	W14	85	4368	0.525374848	-0.003165168	0
Ofi	W15	85	4368	0.578381053	-0.002227938	0
Ofi	W16	85	4368	0.49677981	-0.005752038	0
Ofi	W01	96	4368	0.492411699	-0.003985565	0
Ofi	W02	96	4368	0.497864814	-0.004316175	0
Ofi	W03	96	4368	0.494351092	-0.003786835	0
Ofi	W04	96	4368	0.504652687	-0.003605672	0
Ofi	W05	96	4368	0.498229876	-0.003661344	0
Ofi	W06	96	4368	0.506831651	-0.002623313	0
Ofi	W07	96	4368	0.507744306	-0.002573266	0
Ofi	W08	96	4368	0.514657669	-0.002600611	0
Ofi	W09	96	4368	0.512022378	-0.002833452	0
Ofi	W10	96	4368	0.51862772	-0.00273808	0
Ofi	W11	96	4368	0.504264808	-0.004264039	0
Ofi	W12	96	4368	0.501150373	-0.004392838	0
Ofi	W13	96	4368	0.51660847	-0.003270158	0
Ofi	W14	96	4368	0.516597062	-0.003158015	0
Ofi	W15	96	4368	0.55625193	-0.001732471	0
Ofi	W16	96	4368	0.488453057	-0.006514533	0
Ofi	W01	3	4368	0.539852758	-0.003057825	0
Ofi	W02	3	4368	0.526821473	-0.002504024	0
Ofi	W03	3	4368	0.538351352	-0.002212453	0
Ofi	W04	3	4368	0.544643502	-0.002145176	0
Ofi	W05	3	4368	0.541560463	-0.002141623	0
Ofi	W06	3	4368	0.540471658	-0.001478369	0
Ofi	W07	3	4368	0.536150818	-0.001002813	0
Ofi	W08	3	4368	0.536563418	-0.001502311	0
Ofi	W09	3	4368	0.53925678	-0.001098204	0
Ofi	W10	3	4368	0.53431704	-0.0019804	0
Ofi	W11	3	4368	0.525297145	-0.002278698	0
Ofi	W12	3	4368	0.528471873	-0.002497147	0
Ofi	W13	3	4368	0.539577691	-0.001943931	0



Lighting Schedule db

Ofi	W14	3	4368	0.525744129	-0.002138426	0
Ofi	W15	3	4368	0.566476921	-0.001271198	0
Ofi	W16	3	4368	0.505331888	-0.00405391	0
Ofi	W01	5	4368	0.531757321	-0.002941788	0
Ofi	W02	5	4368	0.52341964	-0.00254617	0
Ofi	W03	5	4368	0.531835122	-0.002413778	0
Ofi	W04	5	4368	0.539757864	-0.002209161	0
Ofi	W05	5	4368	0.535180568	-0.002414426	0
Ofi	W06	5	4368	0.53891502	-0.001600575	0
Ofi	W07	5	4368	0.538137009	-0.001008483	0
Ofi	W08	5	4368	0.536088247	-0.001586597	0
Ofi	W09	5	4368	0.537955473	-0.00130252	0
Ofi	W10	5	4368	0.538020307	-0.001859497	0
Ofi	W11	5	4368	0.522537895	-0.002618006	0
Ofi	W12	5	4368	0.528360008	-0.002612689	0
Ofi	W13	5	4368	0.535271336	-0.002088051	0
Ofi	W14	5	4368	0.52387348	-0.002376304	0
Ofi	W15	5	4368	0.560491849	-0.001221788	0
Ofi	W16	5	4368	0.504656617	-0.004865549	0
Hsp	W01	75	5120	0.393482679	-0.014340537	0
Hsp	W02	75	5120	0.398788924	-0.013232243	0
Hsp	W03	75	5120	0.395287896	-0.013610792	0
Hsp	W04	75	5120	0.398843627	-0.013185745	0
Hsp	W05	75	5120	0.396053746	-0.013555541	0
Hsp	W06	75	5120	0.397913667	-0.013075244	0
Hsp	W07	75	5120	0.39873422	-0.012876123	0
Hsp	W08	75	5120	0.401359991	-0.012798991	0
Hsp	W09	75	5120	0.401742916	-0.012470223	0
Hsp	W10	75	5120	0.40365754	-0.012619016	0
Hsp	W11	75	5120	0.401688212	-0.012893628	0
Hsp	W12	75	5120	0.39950007	-0.013286947	0
Hsp	W13	75	5120	0.40442339	-0.012483899	0
Hsp	W14	75	5120	0.404259279	-0.012591117	0
Hsp	W15	75	5120	0.413449477	-0.011182501	0
Hsp	W16	75	5120	0.397530742	-0.013832888	0
Hsp	W01	85	5120	0.393482679	-0.013454887	0
Hsp	W02	85	5120	0.394686157	-0.01299483	0
Hsp	W03	85	5120	0.394248529	-0.012989359	0
Hsp	W04	85	5120	0.395616117	-0.013038593	0
Hsp	W05	85	5120	0.394303232	-0.013047892	0
Hsp	W06	85	5120	0.395233193	-0.01265895	0
Hsp	W07	85	5120	0.395069082	-0.012703807	0
Hsp	W08	85	5120	0.396491374	-0.01246147	0
Hsp	W09	85	5120	0.396546078	-0.012523832	0
Hsp	W10	85	5120	0.396819596	-0.012829078	0
Hsp	W11	85	5120	0.396053746	-0.013325239	0
Hsp	W12	85	5120	0.395287896	-0.013394166	0
Hsp	W13	85	5120	0.396764892	-0.013411124	0
Hsp	W14	85	5120	0.396764892	-0.013231696	0
Hsp	W15	85	5120	0.399773588	-0.012672079	0
Hsp	W16	85	5120	0.394850268	-0.013569764	0
Hsp	W01	96	5120	0.39211509	-0.014807159	0



# Lighting Schedule db

Hsp	W02	96	5120	0.392662125	-0.014688999	0
Hsp	W03	96	5120	0.392388608	-0.014643048	0
Hsp	W04	96	5120	0.393209161	-0.014750814	0
Hsp	W05	96	5120	0.392443311	-0.014612414	0
Hsp	W06	96	5120	0.392771533	-0.01456154	0
Hsp	W07	96	5120	0.392662125	-0.014625543	0
Hsp	W08	96	5120	0.393209161	-0.014586703	0
Hsp	W09	96	5120	0.393537382	-0.014490972	0
Hsp	W10	96	5120	0.393537382	-0.014628278	0
Hsp	W11	96	5120	0.39304505	-0.014738779	0
Hsp	W12	96	5120	0.393154457	-0.014854751	0
Hsp	W13	96	5120	0.393537382	-0.014727838	0
Hsp	W14	96	5120	0.393592086	-0.014883744	0
Hsp	W15	96	5120	0.3953426	-0.014343272	0
Hsp	W16	96	5120	0.392662125	-0.015167108	0
Hsp	W01	3	5120	0.397585445	-0.012684114	0
Hsp	W02	3	5120	0.399992402	-0.012424819	0
Hsp	W03	3	5120	0.399828291	-0.01227876	0
Hsp	W04	3	5120	0.40043003	-0.012342216	0
Hsp	W05	3	5120	0.399992402	-0.012363551	0
Hsp	W06	3	5120	0.402180544	-0.011994302	0
Hsp	W07	3	5120	0.401305287	-0.011947257	0
Hsp	W08	3	5120	0.401578805	-0.012003054	0
Hsp	W09	3	5120	0.402782283	-0.01177494	0
Hsp	W10	3	5120	0.402399358	-0.012234997	0
Hsp	W11	3	5120	0.401359991	-0.012441777	0
Hsp	W12	3	5120	0.400156513	-0.012499216	0
Hsp	W13	3	5120	0.402508766	-0.012249767	0
Hsp	W14	3	5120	0.40196173	-0.012647462	0
Hsp	W15	3	5120	0.406228607	-0.011754153	0
Hsp	W16	3	5120	0.398241888	-0.013388695	0
Hsp	W01	5	5120	0.398127874	-0.013292231	0
Hsp	W02	5	5120	0.402020267	-0.012770534	0
Hsp	W03	5	5120	0.4003355	-0.012883239	0
Hsp	W04	5	5120	0.401265026	-0.012812363	0
Hsp	W05	5	5120	0.399638355	-0.013001173	0
Hsp	W06	5	5120	0.401497408	-0.012495743	0
Hsp	W07	5	5120	0.401206931	-0.012454495	0
Hsp	W08	5	5120	0.402717412	-0.012485866	0
Hsp	W09	5	5120	0.402891698	-0.012134389	0
Hsp	W10	5	5120	0.403763129	-0.012650857	0
Hsp	W11	5	5120	0.402717412	-0.012886725	0
Hsp	W12	5	5120	0.402020267	-0.012921582	0
Hsp	W13	5	5120	0.404111702	-0.012617743	0
Hsp	W14	5	5120	0.403705034	-0.01304184	0
Hsp	W15	5	5120	0.408410762	-0.012028656	0
Hsp	W16	5	5120	0.399405973	-0.013810442	0
Eun	W01	75	5120	0.340927734	-0.005799769	0
Eun	W02	75	5120	0.347250016	-0.00566716	0
Eun	W03	75	5120	0.346985853	-0.005465692	0
Eun	W04	75	5120	0.351106784	-0.005277609	0
Eun	W05	75	5120	0.349645086	-0.005405111	0

# Lighting Schedule db

Eun	W06	75	5120	0.354910719	-0.004177461	0
Eun	W07	75	5120	0.356354806	-0.003631702	0
Eun	W08	75	5120	0.359436698	-0.003792665	0
Eun	W09	75	5120	0.356935963	-0.004621077	0
Eun	W10	75	5120	0.358203942	-0.004394074	0
Eun	W11	75	5120	0.352339541	-0.005076845	0
Eun	W12	75	5120	0.350102967	-0.005566426	0
Eun	W13	75	5120	0.358362439	-0.004601001	0
Eun	W14	75	5120	0.358785098	-0.004472442	0
Eun	W15	75	5120	0.383704399	-0.002936955	0
Eun	W16	75	5120	0.34258315	-0.006335314	0
Eun	W01	85	5120	0.352163433	-0.002470621	0
Eun	W02	85	5120	0.353325746	-0.002711889	0
Eun	W03	85	5120	0.361532385	-0.002262461	0
Eun	W04	85	5120	0.369316365	-0.00219554	0
Eun	W05	85	5120	0.363927456	-0.002328502	0
Eun	W06	85	5120	0.373314019	-0.001650662	0
Eun	W07	85	5120	0.378403544	-0.001799367	0
Eun	W08	85	5120	0.377787166	-0.001606406	0
Eun	W09	85	5120	0.375180766	-0.001965543	0
Eun	W10	85	5120	0.376272636	-0.001765132	0
Eun	W11	85	5120	0.35623153	-0.002421311	0
Eun	W12	85	5120	0.358186331	-0.002594777	0
Eun	W13	85	5120	0.370531511	-0.001915176	0
Eun	W14	85	5120	0.371253554	-0.002239391	0
Eun	W15	85	5120	0.398937753	-0.001222085	0
Eun	W16	85	5120	0.344995832	-0.004260232	0
Eun	W01	96	5120	0.351414413	-0.002882758	0
Eun	W02	96	5120	0.358135202	-0.003038165	0
Eun	W03	96	5120	0.362407046	-0.002697522	0
Eun	W04	96	5120	0.366955087	-0.002657382	0
Eun	W05	96	5120	0.364340424	-0.002548376	0
Eun	W06	96	5120	0.374191444	-0.001594282	0
Eun	W07	96	5120	0.372350131	-0.001453845	0
Eun	W08	96	5120	0.376879759	-0.001417994	0
Eun	W09	96	5120	0.373510158	-0.001950907	0
Eun	W10	96	5120	0.373160309	-0.002060244	0
Eun	W11	96	5120	0.360344777	-0.002966906	0
Eun	W12	96	5120	0.359645078	-0.003083829	0
Eun	W13	96	5120	0.371503128	-0.002469936	0
Eun	W14	96	5120	0.365868713	-0.002793639	0
Eun	W15	96	5120	0.390339751	-0.001412434	0
Eun	W16	96	5120	0.348063225	-0.005445128	0
Eun	W01	3	5120	0.360695551	-0.00244967	0
Eun	W02	3	5120	0.362719895	-0.002835574	0
Eun	W03	3	5120	0.36359356	-0.003112163	0
Eun	W04	3	5120	0.371754864	-0.002863701	0
Eun	W05	3	5120	0.363529633	-0.002763124	0
Eun	W06	3	5120	0.37661329	-0.001871027	0
Eun	W07	3	5120	0.377337792	-0.001656681	0
Eun	W08	3	5120	0.380150566	-0.00157332	0
Eun	W09	3	5120	0.376741144	-0.001955389	0

Lighting Schedule db

Eun	W10	3	5120	0.376783761	-0.001831584	0
Eun	W11	3	5120	0.370241933	-0.002408117	0
Eun	W12	3	5120	0.369496122	-0.002673626	0
Eun	W13	3	5120	0.377636117	-0.001924193	0
Eun	W14	3	5120	0.37066811	-0.002384465	0
Eun	W15	3	5120	0.390783701	-0.00105756	0
Eun	W16	3	5120	0.358245029	-0.005367709	0
Eun	W01	5	5120	0.363490519	-0.002552273	0
Eun	W02	5	5120	0.367930197	-0.002919359	0
Eun	W03	5	5120	0.368276708	-0.003158235	0
Eun	W04	5	5120	0.375250251	-0.002872363	0
Eun	W05	5	5120	0.368666533	-0.002779022	0
Eun	W06	5	5120	0.38118426	-0.001871855	0
Eun	W07	5	5120	0.381833969	-0.001584229	0
Eun	W08	5	5120	0.383479898	-0.001570931	0
Eun	W09	5	5120	0.381270888	-0.001890372	0
Eun	W10	5	5120	0.381075975	-0.00186499	0
Eun	W11	5	5120	0.373236153	-0.002431644	0
Eun	W12	5	5120	0.372846328	-0.002747619	0
Eun	W13	5	5120	0.379581644	-0.002054163	0
Eun	W14	5	5120	0.373885862	-0.002535598	0
Eun	W15	5	5120	0.392467539	-0.001050623	0
Eun	W16	5	5120	0.358834271	-0.005457772	0
Htl	W01	75	5120	0.514869809	-0.012248282	0
Htl	W02	75	5120	0.524971485	-0.010701463	0
Htl	W03	75	5120	0.551488385	-0.009659728	0
Htl	W04	75	5120	0.526549872	-0.009533457	0
Htl	W05	75	5120	0.516763873	-0.011048708	0
Htl	W06	75	5120	0.51707955	-0.010543625	0
Htl	W07	75	5120	0.522761743	-0.010038541	0
Htl	W08	75	5120	0.55938032	-0.007165877	0
Htl	W09	75	5120	0.528759614	-0.009785999	0
Htl	W10	75	5120	0.500032972	-0.015436624	0
Htl	W11	75	5120	0.509818971	-0.015752301	0
Htl	W12	75	5120	0.505715165	-0.01423705	0
Htl	W13	75	5120	0.482039361	-0.022128984	0
Htl	W14	75	5120	0.476357168	-0.023675804	0
Htl	W15	75	5120	0.487090199	-0.0255383	0
Htl	W16	75	5120	0.492141037	-0.018119882	0
Htl	W01	85	5120	0.519920647	-0.008775831	0
Htl	W02	85	5120	0.502242714	-0.009754431	0
Htl	W03	85	5120	0.514238454	-0.009596592	0
Htl	W04	85	5120	0.514554131	-0.009943838	0
Htl	W05	85	5120	0.513922777	-0.008838967	0
Htl	W06	85	5120	0.529075291	-0.010164812	0
Htl	W07	85	5120	0.535073161	-0.007355283	0
Htl	W08	85	5120	0.548015934	-0.007134309	0
Htl	W09	85	5120	0.550225675	-0.006944902	0
Htl	W10	85	5120	0.531285033	-0.005398083	0
Htl	W11	85	5120	0.547068902	-0.008018205	0
Htl	W12	85	5120	0.506662197	-0.010227947	0
Htl	W13	85	5120	0.554329481	-0.00669236	0

Lighting Schedule db

Htl	W14	85	5120	0.547384579	-0.007607825	0
Htl	W15	85	5120	0.573901479	-0.003156774	0
Htl	W16	85	5120	0.518657937	-0.011964173	0
Htl	W01	96	5120	0.503053316	-0.008357939	0
Htl	W02	96	5120	0.476639074	-0.009974333	0
Htl	W03	96	5120	0.488072104	-0.009146424	0
Htl	W04	96	5120	0.493591498	-0.010368575	0
Htl	W05	96	5120	0.510149679	-0.008594485	0
Htl	W06	96	5120	0.514486346	-0.008909878	0
Htl	W07	96	5120	0.523159679	-0.007490606	0
Htl	W08	96	5120	0.518823012	-0.006702121	0
Htl	W09	96	5120	0.501870589	-0.008436788	0
Htl	W10	96	5120	0.502659074	-0.008791606	0
Htl	W11	96	5120	0.492803013	-0.009304121	0
Htl	W12	96	5120	0.510938164	-0.007490606	0
Htl	W13	96	5120	0.517640285	-0.008594485	0
Htl	W14	96	5120	0.493591498	-0.009067575	0
Htl	W15	96	5120	0.549968163	-0.002562576	0
Htl	W16	96	5120	0.508178467	-0.011709	0
Htl	W01	3	5120	0.503053316	-0.009264697	0
Htl	W02	3	5120	0.504630286	-0.009974333	0
Htl	W03	3	5120	0.503447558	-0.00855506	0
Htl	W04	3	5120	0.49556271	-0.010053181	0
Htl	W05	3	5120	0.50857271	-0.009816636	0
Htl	W06	3	5120	0.507389983	-0.007963697	0
Htl	W07	3	5120	0.498322407	-0.009737788	0
Htl	W08	3	5120	0.506207255	-0.00855506	0
Htl	W09	3	5120	0.510938164	-0.006505	0
Htl	W10	3	5120	0.525525133	-0.005913636	0
Htl	W11	3	5120	0.492803013	-0.008436788	0
Htl	W12	3	5120	0.506207255	-0.008239666	0
Htl	W13	3	5120	0.521582709	-0.006544424	0
Htl	W14	3	5120	0.507389983	-0.008160818	0
Htl	W15	3	5120	0.555093314	-0.002286606	0
Htl	W16	3	5120	0.504630286	-0.011354181	0
Htl	W01	5	5120	0.517220237	-0.009108779	0
Htl	W02	5	5120	0.515240068	-0.009425606	0
Htl	W03	5	5120	0.503755085	-0.009504813	0
Htl	W04	5	5120	0.510883695	-0.00994045	0
Htl	W05	5	5120	0.512467831	-0.009029572	0
Htl	W06	5	5120	0.514051966	-0.008673142	0
Htl	W07	5	5120	0.522368677	-0.006732576	0
Htl	W08	5	5120	0.515240068	-0.008277108	0
Htl	W09	5	5120	0.518804373	-0.008316711	0
Htl	W10	5	5120	0.517220237	-0.0070098	0
Htl	W11	5	5120	0.488705798	-0.013979996	0
Htl	W12	5	5120	0.53187349	-0.008118694	0
Htl	W13	5	5120	0.533457626	-0.006296939	0
Htl	W14	5	5120	0.517616271	-0.008791952	0
Htl	W15	5	5120	0.558011726	-0.00245541	0
Htl	W16	5	5120	0.482369256	-0.014336426	0
Rt3	W01	75	4756	0.642672585	-0.01660643	0

# Lighting Schedule db

Rt3	W02	75	4756	0.672934193	-0.013141171	0
Rt3	W03	75	4756	0.65525676	-0.0143959	0
Rt3	W04	75	4756	0.682127594	-0.012138835	0
Rt3	W05	75	4756	0.661896438	-0.013413426	0
Rt3	W06	75	4756	0.681829659	-0.010453804	0
Rt3	W07	75	4756	0.686114238	-0.009446006	0
Rt3	W08	75	4756	0.699563842	-0.009382645	0
Rt3	W09	75	4756	0.698712601	-0.009172871	0
Rt3	W10	75	4756	0.704699661	-0.009722432	0
Rt3	W11	75	4756	0.690299505	-0.012219561	0
Rt3	W12	75	4756	0.682397153	-0.012842244	0
Rt3	W13	75	4756	0.706927074	-0.010254188	0
Rt3	W14	75	4756	0.698584915	-0.011550628	0
Rt3	W15	75	4756	0.733627659	-0.006979961	0
Rt3	W16	75	4756	0.66242137	-0.016047449	0
Rt3	W01	85	4756	0.637848887	-0.007245634	0
Rt3	W02	85	4756	0.686965479	-0.00601823	0
Rt3	W03	85	4756	0.668039559	-0.004420947	0
Rt3	W04	85	4756	0.701422384	-0.004394502	0
Rt3	W05	85	4756	0.699336844	-0.002863673	0
Rt3	W06	85	4756	0.737231245	-0.001290257	0
Rt3	W07	85	4756	0.74436748	-0.001114043	0
Rt3	W08	85	4756	0.750992971	-0.001581761	0
Rt3	W09	85	4756	0.745885526	-0.001490913	0
Rt3	W10	85	4756	0.750439664	-0.002131535	0
Rt3	W11	85	4756	0.696173066	-0.006773692	0
Rt3	W12	85	4756	0.698967973	-0.006051513	0
Rt3	W13	85	4756	0.72207916	-0.005083624	0
Rt3	W14	85	4756	0.714446368	-0.006049399	0
Rt3	W15	85	4756	0.775168208	-0.001440979	0
Rt3	W16	85	4756	0.659612276	-0.011393006	0
Rt3	W01	96	4756	0.646310841	-0.006479783	0
Rt3	W02	96	4756	0.68252847	-0.005723515	0
Rt3	W03	96	4756	0.67476341	-0.003904478	0
Rt3	W04	96	4756	0.687961115	-0.004034354	0
Rt3	W05	96	4756	0.688048037	-0.002565961	0
Rt3	W06	96	4756	0.724497459	-0.001082176	0
Rt3	W07	96	4756	0.737840034	-0.000872232	0
Rt3	W08	96	4756	0.740259371	-0.001418137	0
Rt3	W09	96	4756	0.73569595	-0.001362261	0
Rt3	W10	96	4756	0.73643479	-0.002079631	0
Rt3	W11	96	4756	0.693900806	-0.006573949	0
Rt3	W12	96	4756	0.690699167	-0.005839166	0
Rt3	W13	96	4756	0.725149376	-0.005002495	0
Rt3	W14	96	4756	0.705751214	-0.006130066	0
Rt3	W15	96	4756	0.765206075	-0.001386669	0
Rt3	W16	96	4756	0.674459182	-0.011657441	0
Rt3	W01	3	4756	0.722544018	-0.006789334	0
Rt3	W02	3	4756	0.714889527	-0.005755256	0
Rt3	W03	3	4756	0.74276169	-0.003965364	0
Rt3	W04	3	4756	0.74365139	-0.003980136	0
Rt3	W05	3	4756	0.732560816	-0.002484672	0

# Lighting Schedule db

Rt3	W06	3	4756	0.748897554	-0.00139543	0
Rt3	W07	3	4756	0.757518443	-0.001091015	0
Rt3	W08	3	4756	0.749403763	-0.001611769	0
Rt3	W09	3	4756	0.757180971	-0.001325745	0
Rt3	W10	3	4756	0.747516985	-0.001954518	0
Rt3	W11	3	4756	0.707725906	-0.006564224	0
Rt3	W12	3	4756	0.715917284	-0.005820603	0
Rt3	W13	3	4756	0.74231684	-0.004926102	0
Rt3	W14	3	4756	0.711668198	-0.006110692	0
Rt3	W15	3	4756	0.748928233	-0.001186607	0
Rt3	W16	3	4756	0.677690851	-0.011886549	0
Rt3	W01	5	4756	0.715533793	-0.006903231	0
Rt3	W02	5	4756	0.715303698	-0.005786488	0
Rt3	W03	5	4756	0.741074327	-0.003985259	0
Rt3	W04	5	4756	0.742454897	-0.004001857	0
Rt3	W05	5	4756	0.735183898	-0.002509568	0
Rt3	W06	5	4756	0.753269357	-0.001405765	0
Rt3	W07	5	4756	0.761966945	-0.001085987	0
Rt3	W08	5	4756	0.752563733	-0.001655042	0
Rt3	W09	5	4756	0.759512599	-0.001340541	0
Rt3	W10	5	4756	0.749940651	-0.001977405	0
Rt3	W11	5	4756	0.711729557	-0.006609384	0
Rt3	W12	5	4756	0.717865421	-0.005895722	0
Rt3	W13	5	4756	0.749572499	-0.004953744	0
Rt3	W14	5	4756	0.716300776	-0.006135281	0
Rt3	W15	5	4756	0.747041455	-0.001189741	0
Rt3	W16	5	4756	0.680099178	-0.01194576	0
Ofi	W01	75	3120	0.535227396	-0.010154332	0
Ofi	W02	75	3120	0.533788731	-0.011025605	0
Ofi	W03	75	3120	0.545092527	-0.009091922	0
Ofi	W04	75	3120	0.556455044	-0.008309905	0
Ofi	W05	75	3120	0.548175381	-0.009532917	0
Ofi	W06	75	3120	0.573851146	-0.006223841	0
Ofi	W07	75	3120	0.569212185	-0.005901609	0
Ofi	W08	75	3120	0.577917576	-0.006028446	0
Ofi	W09	75	3120	0.574041989	-0.006969744	0
Ofi	W10	75	3120	0.577726733	-0.007466377	0
Ofi	W11	75	3120	0.527608344	-0.010493446	0
Ofi	W12	75	3120	0.548542387	-0.010478178	0
Ofi	W13	75	3120	0.576522952	-0.007544036	0
Ofi	W14	75	3120	0.523835519	-0.011769013	0
Ofi	W15	75	3120	0.619756301	-0.004369431	0
Ofi	W16	75	3120	0.433816199	-0.020705031	0
Ofi	W01	85	3120	0.558348797	-0.00459492	0
Ofi	W02	85	3120	0.567656078	-0.00445487	0
Ofi	W03	85	3120	0.570841693	-0.003686652	0
Ofi	W04	85	3120	0.576757836	-0.003513425	0
Ofi	W05	85	3120	0.568771778	-0.003986276	0
Ofi	W06	85	3120	0.58276206	-0.002976862	0
Ofi	W07	85	3120	0.585683431	-0.002965367	0
Ofi	W08	85	3120	0.59026367	-0.002764439	0
Ofi	W09	85	3120	0.583804358	-0.002938547	0

Lighting Schedule db

Ofi	W10	85	3120	0.584332847	-0.002912856	0
Ofi	W11	85	3120	0.587239538	-0.004477331	0
Ofi	W12	85	3120	0.565483401	-0.004696507	0
Ofi	W13	85	3120	0.595754085	-0.003414921	0
Ofi	W14	85	3120	0.589177331	-0.00329513	0
Ofi	W15	85	3120	0.648852565	-0.002537453	0
Ofi	W16	85	3120	0.557732226	-0.005932144	0
Ofi	W01	96	3120	0.552964089	-0.004291533	0
Ofi	W02	96	3120	0.557723586	-0.00443304	0
Ofi	W03	96	3120	0.554050149	-0.003909815	0
Ofi	W04	96	3120	0.566667607	-0.00381718	0
Ofi	W05	96	3120	0.557388185	-0.003797376	0
Ofi	W06	96	3120	0.567530066	-0.002778875	0
Ofi	W07	96	3120	0.568184896	-0.0027695	0
Ofi	W08	96	3120	0.575212341	-0.002711156	0
Ofi	W09	96	3120	0.573104108	-0.002862406	0
Ofi	W10	96	3120	0.581073869	-0.002845317	0
Ofi	W11	96	3120	0.563712886	-0.004463386	0
Ofi	W12	96	3120	0.562754598	-0.004585088	0
Ofi	W13	96	3120	0.578183034	-0.003328613	0
Ofi	W14	96	3120	0.581425241	-0.003220806	0
Ofi	W15	96	3120	0.623190625	-0.00184028	0
Ofi	W16	96	3120	0.547757392	-0.006958448	0
Ofi	W01	3	3120	0.604692852	-0.002964577	0
Ofi	W02	3	3120	0.58776479	-0.002428335	0
Ofi	W03	3	3120	0.605591404	-0.00206747	0
Ofi	W04	3	3120	0.610565526	-0.002101005	0
Ofi	W05	3	3120	0.606698547	-0.001967506	0
Ofi	W06	3	3120	0.605270493	-0.001514219	0
Ofi	W07	3	3120	0.598772042	-0.000982534	0
Ofi	W08	3	3120	0.602237882	-0.001474747	0
Ofi	W09	3	3120	0.604259622	-0.001129607	0
Ofi	W10	3	3120	0.59726376	-0.001967618	0
Ofi	W11	3	3120	0.586673692	-0.002373459	0
Ofi	W12	3	3120	0.589593984	-0.002563599	0
Ofi	W13	3	3120	0.605527221	-0.002021114	0
Ofi	W14	3	3120	0.589610029	-0.002131829	0
Ofi	W15	3	3120	0.634649907	-0.001294154	0
Ofi	W16	3	3120	0.568317575	-0.004202171	0
Ofi	W01	5	3120	0.597234699	-0.00278839	0
Ofi	W02	5	3120	0.585852403	-0.002541683	0
Ofi	W03	5	3120	0.596762706	-0.002304597	0
Ofi	W04	5	3120	0.60580319	-0.002128144	0
Ofi	W05	5	3120	0.600629419	-0.002248866	0
Ofi	W06	5	3120	0.604786589	-0.001566763	0
Ofi	W07	5	3120	0.602989384	-0.000875602	0
Ofi	W08	5	3120	0.600538651	-0.001584971	0
Ofi	W09	5	3120	0.603552145	-0.001326301	0
Ofi	W10	5	3120	0.600084811	-0.001925859	0
Ofi	W11	5	3120	0.584636113	-0.002765335	0
Ofi	W12	5	3120	0.589464966	-0.002722311	0
Ofi	W13	5	3120	0.600502344	-0.002064607	0



Lighting Schedule db

Ofi	W14	5	3120	0.587032386	-0.002367227	0
Ofi	W15	5	3120	0.627115495	-0.001218051	0
Ofi	W16	5	3120	0.566155766	-0.004954294	0
Hsp	W01	75	3664	0.392451433	-0.014689028	0
Hsp	W02	75	3664	0.396273516	-0.013569922	0
Hsp	W03	75	3664	0.394209591	-0.013957481	0
Hsp	W04	75	3664	0.396655724	-0.013535523	0
Hsp	W05	75	3664	0.394821124	-0.013913145	0
Hsp	W06	75	3664	0.396120632	-0.013383404	0
Hsp	W07	75	3664	0.396808607	-0.013177776	0
Hsp	W08	75	3664	0.398948973	-0.013094455	0
Hsp	W09	75	3664	0.399636948	-0.012749703	0
Hsp	W10	75	3664	0.40108934	-0.012881947	0
Hsp	W11	75	3664	0.399178298	-0.013112801	0
Hsp	W12	75	3664	0.397190815	-0.01361808	0
Hsp	W13	75	3664	0.402388848	-0.012695429	0
Hsp	W14	75	3664	0.401700873	-0.012815443	0
Hsp	W15	75	3664	0.410644546	-0.011382926	0
Hsp	W16	75	3664	0.395432657	-0.014079788	0
Hsp	W01	85	3664	0.3927572	-0.013685349	0
Hsp	W02	85	3664	0.393368733	-0.013297025	0
Hsp	W03	85	3664	0.392986525	-0.013256511	0
Hsp	W04	85	3664	0.394362474	-0.013318429	0
Hsp	W05	85	3664	0.39321585	-0.013358943	0
Hsp	W06	85	3664	0.394056708	-0.012951509	0
Hsp	W07	85	3664	0.393903824	-0.013008076	0
Hsp	W08	85	3664	0.394897566	-0.012737472	0
Hsp	W09	85	3664	0.395356216	-0.01280627	0
Hsp	W10	85	3664	0.395050449	-0.013142613	0
Hsp	W11	85	3664	0.394744683	-0.013576802	0
Hsp	W12	85	3664	0.393827383	-0.013667767	0
Hsp	W13	85	3664	0.395279774	-0.013722041	0
Hsp	W14	85	3664	0.395126891	-0.013550047	0
Hsp	W15	85	3664	0.397955232	-0.012992023	0
Hsp	W16	85	3664	0.393827383	-0.013826766	0
Hsp	W01	96	3664	0.39138125	-0.014758589	0
Hsp	W02	96	3664	0.391763458	-0.014750181	0
Hsp	W03	96	3664	0.391534133	-0.014648513	0
Hsp	W04	96	3664	0.392069225	-0.014783051	0
Hsp	W05	96	3664	0.391610575	-0.014662273	0
Hsp	W06	96	3664	0.391687017	-0.014628639	0
Hsp	W07	96	3664	0.391763458	-0.014641634	0
Hsp	W08	96	3664	0.39229855	-0.014687499	0
Hsp	W09	96	3664	0.392680758	-0.014524678	0
Hsp	W10	96	3664	0.392451433	-0.014695907	0
Hsp	W11	96	3664	0.392069225	-0.014767762	0
Hsp	W12	96	3664	0.39229855	-0.014887011	0
Hsp	W13	96	3664	0.392527875	-0.014750945	0
Hsp	W14	96	3664	0.392680758	-0.01493517	0
Hsp	W15	96	3664	0.394209591	-0.01437103	0
Hsp	W16	96	3664	0.391916342	-0.015184369	0
Hsp	W01	3	3664	0.396732166	-0.012709953	0

# Lighting Schedule db

Hsp	W02	3	3664	0.39879609	-0.012394249	0
Hsp	W03	3	3664	0.399025415	-0.012284173	0
Hsp	W04	3	3664	0.399178298	-0.012325452	0
Hsp	W05	3	3664	0.399331182	-0.012371317	0
Hsp	W06	3	3664	0.40154799	-0.011964647	0
Hsp	W07	3	3664	0.40017204	-0.011911138	0
Hsp	W08	3	3664	0.400401365	-0.011966176	0
Hsp	W09	3	3664	0.401777314	-0.01172462	0
Hsp	W10	3	3664	0.401012898	-0.012216905	0
Hsp	W11	3	3664	0.400324923	-0.01243247	0
Hsp	W12	3	3664	0.398719648	-0.012494388	0
Hsp	W13	3	3664	0.40108934	-0.012241366	0
Hsp	W14	3	3664	0.400860015	-0.012657973	0
Hsp	W15	3	3664	0.404987864	-0.011729971	0
Hsp	W16	3	3664	0.397114374	-0.013402515	0
Hsp	W01	5	3664	0.396976874	-0.013532934	0
Hsp	W02	5	3664	0.400954761	-0.012928944	0
Hsp	W03	5	3664	0.399006409	-0.012988207	0
Hsp	W04	5	3664	0.399737041	-0.012929756	0
Hsp	W05	5	3664	0.398600502	-0.013098613	0
Hsp	W06	5	3664	0.400224129	-0.012543333	0
Hsp	W07	5	3664	0.39965586	-0.012508425	0
Hsp	W08	5	3664	0.401360668	-0.012496248	0
Hsp	W09	5	3664	0.401766575	-0.012147979	0
Hsp	W10	5	3664	0.402253663	-0.012683776	0
Hsp	W11	5	3664	0.401523031	-0.012990642	0
Hsp	W12	5	3664	0.400386492	-0.013032856	0
Hsp	W13	5	3664	0.402740751	-0.012727614	0
Hsp	W14	5	3664	0.402416026	-0.013203337	0
Hsp	W15	5	3664	0.407124545	-0.012037573	0
Hsp	W16	5	3664	0.398113414	-0.013993232	0
Eun	W01	75	3664	0.32720122	-0.005141065	0
Eun	W02	75	3664	0.333550341	-0.004925737	0
Eun	W03	75	3664	0.333131988	-0.004725666	0
Eun	W04	75	3664	0.33603585	-0.004537161	0
Eun	W05	75	3664	0.335199144	-0.004644456	0
Eun	W06	75	3664	0.34093304	-0.003575933	0
Eun	W07	75	3664	0.341991227	-0.003037981	0
Eun	W08	75	3664	0.344747435	-0.003178252	0
Eun	W09	75	3664	0.342729497	-0.004034891	0
Eun	W10	75	3664	0.344255255	-0.003687658	0
Eun	W11	75	3664	0.338275268	-0.004437494	0
Eun	W12	75	3664	0.335642106	-0.00490039	0
Eun	W13	75	3664	0.344993524	-0.003875425	0
Eun	W14	75	3664	0.345190396	-0.003822515	0
Eun	W15	75	3664	0.370070092	-0.002477388	0
Eun	W16	75	3664	0.329243767	-0.005503064	0
Eun	W01	85	3664	0.341252957	-0.002053621	0
Eun	W02	85	3664	0.344230646	-0.002342776	0
Eun	W03	85	3664	0.349152445	-0.00201277	0
Eun	W04	85	3664	0.356781234	-0.001866592	0
Eun	W05	85	3664	0.353139102	-0.001881604	0

# Lighting Schedule db

Eun	W06	85	3664	0.359143698	-0.001375889	0
Eun	W07	85	3664	0.363302618	-0.001537201	0
Eun	W08	85	3664	0.363376445	-0.001391811	0
Eun	W09	85	3664	0.360423365	-0.001764219	0
Eun	W10	85	3664	0.361481552	-0.001445532	0
Eun	W11	85	3664	0.345559531	-0.00200711	0
Eun	W12	85	3664	0.345436486	-0.002178634	0
Eun	W13	85	3664	0.358700736	-0.001562179	0
Eun	W14	85	3664	0.358774563	-0.001953462	0
Eun	W15	85	3664	0.384490964	-0.001031855	0
Eun	W16	85	3664	0.327594964	-0.00366428	0
Eun	W01	96	3664	0.337862276	-0.002461601	0
Eun	W02	96	3664	0.344809409	-0.002583562	0
Eun	W03	96	3664	0.348308706	-0.002425836	0
Eun	W04	96	3664	0.35314597	-0.00227197	0
Eun	W05	96	3664	0.349234991	-0.002233375	0
Eun	W06	96	3664	0.359655692	-0.001285837	0
Eun	W07	96	3664	0.356902568	-0.001224703	0
Eun	W08	96	3664	0.36341229	-0.001091395	0
Eun	W09	96	3664	0.358369185	-0.001648838	0
Eun	W10	96	3664	0.358111884	-0.001634892	0
Eun	W11	96	3664	0.347305231	-0.002484758	0
Eun	W12	96	3664	0.345684234	-0.002729194	0
Eun	W13	96	3664	0.359141089	-0.00207848	0
Eun	W14	96	3664	0.351756543	-0.002383382	0
Eun	W15	96	3664	0.376406003	-0.001026735	0
Eun	W16	96	3664	0.334054217	-0.004696262	0
Eun	W01	3	3664	0.348445918	-0.002012601	0
Eun	W02	3	3664	0.349577429	-0.002421136	0
Eun	W03	3	3664	0.349577429	-0.002883269	0
Eun	W04	3	3664	0.356306943	-0.002395231	0
Eun	W05	3	3664	0.350024078	-0.002441682	0
Eun	W06	3	3664	0.361517851	-0.001600195	0
Eun	W07	3	3664	0.361756063	-0.001487848	0
Eun	W08	3	3664	0.364793278	-0.001430468	0
Eun	W09	3	3664	0.36187517	-0.00187411	0
Eun	W10	3	3664	0.361756063	-0.001532364	0
Eun	W11	3	3664	0.355681635	-0.001966745	0
Eun	W12	3	3664	0.355681635	-0.002252005	0
Eun	W13	3	3664	0.362500479	-0.001629972	0
Eun	W14	3	3664	0.357230018	-0.001948284	0
Eun	W15	3	3664	0.375751071	-0.000907561	0
Eun	W16	3	3664	0.344783394	-0.004624903	0
Eun	W01	5	3664	0.3505667	-0.002148371	0
Eun	W02	5	3664	0.353199582	-0.002569632	0
Eun	W03	5	3664	0.354107473	-0.002787828	0
Eun	W04	5	3664	0.359827181	-0.002579619	0
Eun	W05	5	3664	0.353532475	-0.00253029	0
Eun	W06	5	3664	0.365425838	-0.00164888	0
Eun	W07	5	3664	0.365910046	-0.001398	0
Eun	W08	5	3664	0.367846879	-0.001346704	0
Eun	W09	5	3664	0.365002156	-0.001769115	0

# Lighting Schedule db

Eun	W10	5	3664	0.364820578	-0.001642918	0
Eun	W11	5	3664	0.358344294	-0.00201128	0
Eun	W12	5	3664	0.357436404	-0.002403791	0
Eun	W13	5	3664	0.364185055	-0.001697452	0
Eun	W14	5	3664	0.359403499	-0.001951661	0
Eun	W15	5	3664	0.376138943	-0.000951832	0
Eun	W16	5	3664	0.345754882	-0.004708622	0
Htl	W01	75	3664	0.558018358	-0.012439619	0
Htl	W02	75	3664	0.567281904	-0.010851582	0
Htl	W03	75	3664	0.575663207	-0.010763358	0
Htl	W04	75	3664	0.571251995	-0.008866537	0
Htl	W05	75	3664	0.569928631	-0.010454573	0
Htl	W06	75	3664	0.559782843	-0.010322237	0
Htl	W07	75	3664	0.56242957	-0.01058691	0
Htl	W08	75	3664	0.569046389	-0.010278125	0
Htl	W09	75	3664	0.568164146	-0.01058691	0
Htl	W10	75	3664	0.53728566	-0.015924476	0
Htl	W11	75	3664	0.547872569	-0.016850831	0
Htl	W12	75	3664	0.5443436	-0.014424664	0
Htl	W13	75	3664	0.509495022	-0.025982041	0
Htl	W14	75	3664	0.505524931	-0.027040731	0
Htl	W15	75	3664	0.511700628	-0.031319607	0
Htl	W16	75	3664	0.528022114	-0.019497558	0
Htl	W01	85	3664	0.56595854	-0.00789607	0
Htl	W02	85	3664	0.536403417	-0.009616443	0
Htl	W03	85	3664	0.565076297	-0.007499061	0
Htl	W04	85	3664	0.554489388	-0.009263546	0
Htl	W05	85	3664	0.576545449	-0.007234388	0
Htl	W06	85	3664	0.579633298	-0.00935177	0
Htl	W07	85	3664	0.575663207	-0.007675509	0
Htl	W08	85	3664	0.588896844	-0.006352146	0
Htl	W09	85	3664	0.595513662	-0.005734576	0
Htl	W10	85	3664	0.596395905	-0.004764109	0
Htl	W11	85	3664	0.59816039	-0.00705794	0
Htl	W12	85	3664	0.561547328	-0.009704667	0
Htl	W13	85	3664	0.597719269	-0.006969715	0
Htl	W14	85	3664	0.593749177	-0.00705794	0
Htl	W15	85	3664	0.620657573	-0.002514391	0
Htl	W16	85	3664	0.554489388	-0.013277749	0
Htl	W01	96	3664	0.549253706	-0.008704322	0
Htl	W02	96	3664	0.509037537	-0.009475591	0
Htl	W03	96	3664	0.535481045	-0.008263596	0
Htl	W04	96	3664	0.527768356	-0.010467222	0
Htl	W05	96	3664	0.555313677	-0.008098324	0
Htl	W06	96	3664	0.560271835	-0.008263596	0
Htl	W07	96	3664	0.57184087	-0.007382146	0
Htl	W08	96	3664	0.559720928	-0.006555786	0
Htl	W09	96	3664	0.545948268	-0.007216874	0
Htl	W10	96	3664	0.558619115	-0.007767781	0
Htl	W11	96	3664	0.536031952	-0.009200137	0
Htl	W12	96	3664	0.548151893	-0.007216874	0
Htl	W13	96	3664	0.54705008	-0.007547418	0

Lighting Schedule db

Htl	W14	96	3664	0.529971981	-0.009585772	0
Htl	W15	96	3664	0.592775314	-0.002754532	0
Htl	W16	96	3664	0.54705008	-0.012615757	0
Htl	W01	3	3664	0.544295548	-0.008814503	0
Htl	W02	3	3664	0.53933739	-0.010797766	0
Htl	W03	3	3664	0.543744642	-0.008814503	0
Htl	W04	3	3664	0.529421075	-0.010357041	0
Htl	W05	3	3664	0.55476277	-0.008483959	0
Htl	W06	3	3664	0.549253706	-0.007382146	0
Htl	W07	3	3664	0.53933739	-0.010081588	0
Htl	W08	3	3664	0.553110051	-0.009034865	0
Htl	W09	3	3664	0.561924554	-0.005233611	0
Htl	W10	3	3664	0.566331805	-0.00512343	0
Htl	W11	3	3664	0.520606572	-0.009585772	0
Htl	W12	3	3664	0.541541016	-0.008098324	0
Htl	W13	3	3664	0.55641549	-0.006941421	0
Htl	W14	3	3664	0.537133765	-0.008979775	0
Htl	W15	3	3664	0.597733472	-0.002423988	0
Htl	W16	3	3664	0.544846455	-0.011679216	0
Htl	W01	5	3664	0.563924564	-0.008135124	0
Htl	W02	5	3664	0.561157515	-0.009131261	0
Htl	W03	5	3664	0.551749548	-0.008577852	0
Htl	W04	5	3664	0.550089319	-0.009961376	0
Htl	W05	5	3664	0.556730236	-0.007969101	0
Htl	W06	5	3664	0.550642729	-0.008799215	0
Htl	W07	5	3664	0.561157515	-0.00680694	0
Htl	W08	5	3664	0.554516597	-0.008411829	0
Htl	W09	5	3664	0.558943876	-0.008301147	0
Htl	W10	5	3664	0.561710924	-0.007637055	0
Htl	W11	5	3664	0.517991552	-0.01582752	0
Htl	W12	5	3664	0.560050695	-0.009352625	0
Htl	W13	5	3664	0.565031383	-0.007249668	0
Htl	W14	5	3664	0.553963188	-0.009740012	0
Htl	W15	5	3664	0.602663248	-0.001992275	0
Htl	W16	5	3664	0.519098372	-0.013890585	0
Rt3	W01	75	2936	0.616284082	-0.014037837	0
Rt3	W02	75	2936	0.648068125	-0.010933205	0
Rt3	W03	75	2936	0.630509912	-0.0119844	0
Rt3	W04	75	2936	0.657513708	-0.009982901	0
Rt3	W05	75	2936	0.638760434	-0.011285289	0
Rt3	W06	75	2936	0.660110669	-0.008457359	0
Rt3	W07	75	2936	0.663603926	-0.007880397	0
Rt3	W08	75	2936	0.676427856	-0.007564487	0
Rt3	W09	75	2936	0.674382462	-0.007366934	0
Rt3	W10	75	2936	0.679093763	-0.008104104	0
Rt3	W11	75	2936	0.662179045	-0.010482069	0
Rt3	W12	75	2936	0.656134791	-0.010892067	0
Rt3	W13	75	2936	0.677163279	-0.008622599	0
Rt3	W14	75	2936	0.670843242	-0.009891203	0
Rt3	W15	75	2936	0.702788158	-0.005816572	0
Rt3	W16	75	2936	0.635956635	-0.01418745	0
Rt3	W01	85	2936	0.612882753	-0.005948534	0

# Lighting Schedule db

Rt3	W02	85	2936	0.668751884	-0.005061936	0
Rt3	W03	85	2936	0.646344478	-0.003387448	0
Rt3	W04	85	2936	0.678932889	-0.003559146	0
Rt3	W05	85	2936	0.67741608	-0.001916189	0
Rt3	W06	85	2936	0.713290911	-0.000669768	0
Rt3	W07	85	2936	0.718852544	-0.000500931	0
Rt3	W08	85	2936	0.723540862	-0.001120715	0
Rt3	W09	85	2936	0.720024623	-0.001030522	0
Rt3	W10	85	2936	0.721196703	-0.001543652	0
Rt3	W11	85	2936	0.6715327	-0.005818893	0
Rt3	W12	85	2936	0.670153783	-0.005115852	0
Rt3	W13	85	2936	0.694997275	-0.004226335	0
Rt3	W14	85	2936	0.688930039	-0.005092985	0
Rt3	W15	85	2936	0.742432029	-0.001101408	0
Rt3	W16	85	2936	0.633474584	-0.010033691	0
Rt3	W01	96	2936	0.630030493	-0.005115786	0
Rt3	W02	96	2936	0.652629643	-0.00476652	0
Rt3	W03	96	2936	0.660655509	-0.002866736	0
Rt3	W04	96	2936	0.675651206	-0.003276712	0
Rt3	W05	96	2936	0.675087987	-0.001713734	0
Rt3	W06	96	2936	0.710453427	-0.00053338	0
Rt3	W07	96	2936	0.714959176	-0.000407036	0
Rt3	W08	96	2936	0.715921342	-0.000983685	0
Rt3	W09	96	2936	0.713738869	-0.000937806	0
Rt3	W10	96	2936	0.707167985	-0.001536531	0
Rt3	W11	96	2936	0.665982619	-0.00549502	0
Rt3	W12	96	2936	0.66863444	-0.004839222	0
Rt3	W13	96	2936	0.709162717	-0.004203066	0
Rt3	W14	96	2936	0.678443832	-0.005201348	0
Rt3	W15	96	2936	0.732512825	-0.001018764	0
Rt3	W16	96	2936	0.646621977	-0.010421423	0
Rt3	W01	3	2936	0.697598971	-0.00536779	0
Rt3	W02	3	2936	0.687237114	-0.004771275	0
Rt3	W03	3	2936	0.71596207	-0.003062264	0
Rt3	W04	3	2936	0.722397852	-0.003222339	0
Rt3	W05	3	2936	0.706221428	-0.001766958	0
Rt3	W06	3	2936	0.721403909	-0.000870963	0
Rt3	W07	3	2936	0.727516659	-0.000686735	0
Rt3	W08	3	2936	0.717279045	-0.001198621	0
Rt3	W09	3	2936	0.728262116	-0.000937636	0
Rt3	W10	3	2936	0.718074199	-0.001417114	0
Rt3	W11	3	2936	0.683137099	-0.005502096	0
Rt3	W12	3	2936	0.69238077	-0.004861873	0
Rt3	W13	3	2936	0.708830529	-0.004157913	0
Rt3	W14	3	2936	0.687734086	-0.005235546	0
Rt3	W15	3	2936	0.705426273	-0.000850679	0
Rt3	W16	3	2936	0.64695757	-0.010645876	0
Rt3	W01	5	2936	0.690119549	-0.005483137	0
Rt3	W02	5	2936	0.687932875	-0.004808051	0
Rt3	W03	5	2936	0.71491843	-0.003090567	0
Rt3	W04	5	2936	0.720385117	-0.003239708	0
Rt3	W05	5	2936	0.707339614	-0.001796701	0

Lighting Schedule db

Rt3	W06	5	2936	0.725280287	-0.000868296	0
Rt3	W07	5	2936	0.730746974	-0.000672552	0
Rt3	W08	5	2936	0.722025123	-0.001215891	0
Rt3	W09	5	2936	0.730448791	-0.000957552	0
Rt3	W10	5	2936	0.720062086	-0.001447628	0
Rt3	W11	5	2936	0.685969837	-0.005552638	0
Rt3	W12	5	2936	0.69255471	-0.00491485	0
Rt3	W13	5	2936	0.709774774	-0.004216779	0
Rt3	W14	5	2936	0.690591672	-0.005197975	0
Rt3	W15	5	2936	0.700382012	-0.000875659	0
Rt3	W16	5	2936	0.650237582	-0.010726634	0



**D5. Pre-Calculated Savings Values: Add / Optimize Lighting Occupancy Sensors**

## Lighting Occ Sensor db

Inputs

Outputs

SAVINGS

Total natural  
gas energy useCoincident  
Peak DemandTotal Electric  
Energy Savings  
(kWh/kW)savings  
(therms/kW)Savings  
(kW/kW)

Building Type	Climate Zone	Building Vintage	Space Type	Total Electric Energy Savings (kWh/kW)	savings (therms/kW)	Savings (kW/kW)
OfL	W01	75	Entire Building	813.1860027	-24.63828106	0.156946999
OfL	W01	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W01	75	Office (Open Plan)	361.7292436	-10.9598379	0.204988113
OfL	W01	75	Corridor	1140.359831	-34.55114319	0.102410816
OfL	W01	75	Conference Room	3883.02095	-117.6495429	0.204988113
OfL	W01	75	Copy Room (photocopying equipment)	2069.437867	-62.70077403	0.102410816
OfL	W01	75	Restrooms	3706.16945	-112.2912154	0.102410816
OfL	W01	75	Mechanical/Electrical Room	152.1710569	-4.610548211	0.075878213
OfL	W01	75	Office (Executive/Private)	722.0425368	-21.87677468	0.2434546
OfL	W01	85	Entire Building	902.4641574	-8.927853294	0.156984539
OfL	W01	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W01	85	Office (Open Plan)	407.8828246	-4.035083266	0.204989753
OfL	W01	85	Corridor	1275.723691	-12.62041696	0.10241369
OfL	W01	85	Conference Room	4077.978814	-40.34242943	0.204989753
OfL	W01	85	Copy Room (photocopying equipment)	2126.449229	-21.03643297	0.10241369
OfL	W01	85	Restrooms	4146.101995	-41.01635511	0.10241369
OfL	W01	85	Mechanical/Electrical Room	164.4254608	-1.62662016	0.075876548
OfL	W01	85	Office (Executive/Private)	798.4321107	-7.898690149	0.243455777
OfL	W01	96	Entire Building	890.1589085	-4.439970676	0.157799409
OfL	W01	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W01	96	Office (Open Plan)	367.6978899	-1.834018435	0.204989124
OfL	W01	96	Corridor	1390.804977	-6.937113426	0.102410736
OfL	W01	96	Conference Room	3584.307824	-17.87795581	0.204989124
OfL	W01	96	Copy Room (photocopying equipment)	2006.19805	-10.00659593	0.102410736
OfL	W01	96	Restrooms	4520.116176	-22.54561864	0.102410736
OfL	W01	96	Mechanical/Electrical Room	203.3157295	-1.014106435	0.075877574
OfL	W01	96	Office (Executive/Private)	842.306812	-4.20129205	0.243456019
OfL	W01	03	Entire Building	838.5523223	-5.036699102	0.157886753
OfL	W01	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W01	03	Office (Open Plan)	345.2152489	-2.07350846	0.205000589
OfL	W01	03	Corridor	1303.588471	-7.829902448	0.102452352
OfL	W01	03	Conference Room	3589.490907	-21.55999709	0.205000589
OfL	W01	03	Copy Room (photocopying equipment)	1880.39063	-11.29441962	0.102452352
OfL	W01	03	Restrooms	4236.66253	-25.44718295	0.102452352
OfL	W01	03	Mechanical/Electrical Room	191.034178	-1.147431886	0.07587782
OfL	W01	03	Office (Executive/Private)	791.5579889	-4.754431305	0.243456178
OfL	W02	75	Entire Building	836.5027579	-21.55849593	0.156889706
OfL	W02	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W02	75	Office (Open Plan)	372.1012276	-9.58985816	0.204988113
OfL	W02	75	Corridor	1173.057751	-30.23225029	0.102410816
OfL	W02	75	Conference Room	3994.360113	-102.94335	0.204988113
OfL	W02	75	Copy Room (photocopying equipment)	2128.775553	-54.86317727	0.102410816
OfL	W02	75	Restrooms	3812.43769	-98.25481343	0.102410816
OfL	W02	75	Mechanical/Electrical Room	156.5343087	-4.034229685	0.075878213
OfL	W02	75	Office (Executive/Private)	742.7459048	-19.14217785	0.2434546
OfL	W02	85	Entire Building	948.2599663	-8.731243912	0.156984539
OfL	W02	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W02	85	Office (Open Plan)	428.5809585	-3.946222573	0.204989753
OfL	W02	85	Corridor	1340.460664	-12.34248986	0.10241369
OfL	W02	85	Conference Room	4284.917048	-39.45400757	0.204989753
OfL	W02	85	Copy Room (photocopying equipment)	2234.356521	-20.57316818	0.10241369
OfL	W02	85	Restrooms	4356.497159	-40.11309203	0.10241369
OfL	W02	85	Mechanical/Electrical Room	172.7692792	-1.590798695	0.075876548
OfL	W02	85	Office (Executive/Private)	838.9487829	-7.724745021	0.243455777
OfL	W02	96	Entire Building	906.1320673	-7.875388402	0.157799409
OfL	W02	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W02	96	Office (Open Plan)	374.2959216	-3.25308624	0.204989124
OfL	W02	96	Corridor	1415.761812	-12.30468996	0.102410736

## Lighting Occ Sensor db

OfL	W02	96	Conference Room	3648.625237	-31.71098553	0.204989124
OfL	W02	96	Copy Room (photocopying equipment)	2042.197599	-17.74917793	0.102410736
OfL	W02	96	Restrooms	4601.225889	-39.99024238	0.102410736
OfL	W02	96	Mechanical/Electrical Room	206.9640606	-1.798769099	0.075877574
OfL	W02	96	Office (Executive/Private)	857.4213048	-7.452032703	0.243456019
OfL	W02	03	Entire Building	849.5017172	-4.997193568	0.157886753
OfL	W02	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W02	03	Office (Open Plan)	349.7228962	-2.05724482	0.205000589
OfL	W02	03	Corridor	1320.610074	-7.76848832	0.102452352
OfL	W02	03	Conference Room	3636.360676	-21.39089046	0.205000589
OfL	W02	03	Copy Room (photocopying equipment)	1904.943826	-11.20583142	0.102452352
OfL	W02	03	Restrooms	4291.982741	-25.24758704	0.102452352
OfL	W02	03	Mechanical/Electrical Room	193.5286063	-1.138431962	0.07587782
OfL	W02	03	Office (Executive/Private)	801.8937554	-4.717139749	0.243456178
OfL	W03	75	Entire Building	818.5999338	-22.67781568	0.156889706
OfL	W03	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W03	75	Office (Open Plan)	364.1375206	-10.08776477	0.204988113
OfL	W03	75	Corridor	1147.95198	-31.80191244	0.102410816
OfL	W03	75	Conference Room	3908.872856	-108.2881814	0.204988113
OfL	W03	75	Copy Room (photocopying equipment)	2083.215519	-57.71168018	0.102410816
OfL	W03	75	Restrooms	3730.843935	-103.3562154	0.102410816
OfL	W03	75	Mechanical/Electrical Room	153.1841629	-4.243687386	0.075878213
OfL	W03	75	Office (Executive/Private)	726.849664	-20.13604207	0.2434546
OfL	W03	85	Entire Building	940.8300003	-8.887637738	0.156984539
OfL	W03	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W03	85	Office (Open Plan)	425.2228688	-4.016907215	0.204989753
OfL	W03	85	Corridor	1329.957661	-12.56356823	0.10241369
OfL	W03	85	Conference Room	4251.343145	-40.16070678	0.204989753
OfL	W03	85	Copy Room (photocopying equipment)	2216.849515	-20.94167427	0.10241369
OfL	W03	85	Restrooms	4322.3624	-40.83159675	0.10241369
OfL	W03	85	Mechanical/Electrical Room	171.4155683	-1.619293042	0.075876548
OfL	W03	85	Office (Executive/Private)	832.3753103	-7.863110464	0.243455777
OfL	W03	96	Entire Building	902.5771256	-6.352966677	0.157799409
OfL	W03	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W03	96	Office (Open Plan)	372.8274821	-2.624219585	0.204989124
OfL	W03	96	Corridor	1410.207489	-9.926022861	0.102410736
OfL	W03	96	Conference Room	3634.310933	-25.58081254	0.204989124
OfL	W03	96	Copy Room (photocopying equipment)	2034.18564	-14.31801585	0.102410736
OfL	W03	96	Restrooms	4583.174338	-32.2595743	0.102410736
OfL	W03	96	Mechanical/Electrical Room	206.1520982	-1.451042103	0.075877574
OfL	W03	96	Office (Executive/Private)	854.0574654	-6.011451503	0.243456019
OfL	W03	03	Entire Building	842.3301288	-5.593881054	0.157886753
OfL	W03	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W03	03	Office (Open Plan)	346.7704964	-2.302889145	0.205000589
OfL	W03	03	Corridor	1309.461336	-8.69608092	0.102452352
OfL	W03	03	Conference Room	3605.662113	-23.94505942	0.205000589
OfL	W03	03	Copy Room (photocopying equipment)	1888.862077	-12.54385831	0.102452352
OfL	W03	03	Restrooms	4255.749343	-28.26226299	0.102452352
OfL	W03	03	Mechanical/Electrical Room	191.8948162	-1.274365881	0.07587782
OfL	W03	03	Office (Executive/Private)	795.1240787	-5.280387544	0.243456178
OfL	W04	75	Entire Building	837.8879989	-20.73390829	0.156946999
OfL	W04	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W04	75	Office (Open Plan)	372.7174238	-9.223057133	0.204988113
OfL	W04	75	Corridor	1175.000324	-29.07590154	0.102410816
OfL	W04	75	Conference Room	4000.974737	-99.00588551	0.204988113
OfL	W04	75	Copy Room (photocopying equipment)	2132.300787	-52.76472395	0.102410816
OfL	W04	75	Restrooms	3818.751053	-94.49668002	0.102410816
OfL	W04	75	Mechanical/Electrical Room	156.7935281	-3.879925047	0.075878213
OfL	W04	75	Office (Executive/Private)	743.9758853	-18.4100116	0.2434546
OfL	W04	85	Entire Building	962.3042132	-8.437548492	0.157036033
OfL	W04	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W04	85	Office (Open Plan)	434.928476	-3.813482324	0.204989753
OfL	W04	85	Corridor	1360.313617	-11.92732189	0.10241369
OfL	W04	85	Conference Room	4348.379004	-38.12688151	0.204989753
OfL	W04	85	Copy Room (photocopying equipment)	2267.448558	-19.88114247	0.10241369

## Lighting Occ Sensor db

OfL	W04	85	Restrooms	4421.019256	-38.76379616	0.10241369
OfL	W04	85	Mechanical/Electrical Room	175.3280864	-1.537288531	0.075876548
OfL	W04	85	Office (Executive/Private)	851.3740716	-7.4649055	0.243455777
OfL	W04	96	Entire Building	913.4254284	-8.170875224	0.157851378
OfL	W04	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W04	96	Office (Open Plan)	377.3085899	-3.375142965	0.204989124
OfL	W04	96	Corridor	1427.157129	-12.76636545	0.102410736
OfL	W04	96	Conference Room	3677.992636	-32.90079076	0.204989124
OfL	W04	96	Copy Room (photocopying equipment)	2058.635032	-18.41513215	0.102410736
OfL	W04	96	Restrooms	4638.260669	-41.4906877	0.102410736
OfL	W04	96	Mechanical/Electrical Room	208.6298924	-1.86625943	0.075877574
OfL	W04	96	Office (Executive/Private)	864.3225982	-7.731635099	0.243456019
OfL	W04	03	Entire Building	857.9949966	-5.852462734	0.157870854
OfL	W04	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W04	03	Office (Open Plan)	353.2194098	-2.40934206	0.205000589
OfL	W04	03	Corridor	1333.813473	-9.098064299	0.102452352
OfL	W04	03	Conference Room	3672.716844	-25.05193917	0.205000589
OfL	W04	03	Copy Room (photocopying equipment)	1923.989368	-13.12370832	0.102452352
OfL	W04	03	Restrooms	4334.893789	-29.56870897	0.102452352
OfL	W04	03	Mechanical/Electrical Room	195.4634965	-1.333274476	0.075877782
OfL	W04	03	Office (Executive/Private)	809.9110527	-5.524477732	0.243456178
OfL	W05	75	Entire Building	824.404832	-21.10944338	0.156889706
OfL	W05	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W05	75	Office (Open Plan)	366.7197115	-9.390106276	0.204988113
OfL	W05	75	Corridor	1156.092397	-29.60252784	0.102410816
OfL	W05	75	Conference Room	3936.591657	-100.7990922	0.204988113
OfL	W05	75	Copy Room (photocopying equipment)	2097.988125	-53.7204051	0.102410816
OfL	W05	75	Restrooms	3757.300289	-96.20821548	0.102410816
OfL	W05	75	Mechanical/Electrical Room	154.2704304	-3.950198725	0.075878213
OfL	W05	75	Office (Executive/Private)	732.003938	-18.74345599	0.2434546
OfL	W05	85	Entire Building	971.5947377	-6.5132951	0.156984539
OfL	W05	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W05	85	Office (Open Plan)	439.1274742	-2.943785835	0.204989753
OfL	W05	85	Corridor	1373.446706	-9.207196536	0.10241369
OfL	W05	85	Conference Room	4390.360242	-29.4317278	0.204989753
OfL	W05	85	Copy Room (photocopying equipment)	2289.339543	-15.34708191	0.10241369
OfL	W05	85	Restrooms	4463.701796	-29.92338874	0.10241369
OfL	W05	85	Mechanical/Electrical Room	177.0207838	-1.186697045	0.075876548
OfL	W05	85	Office (Executive/Private)	859.5936258	-5.762471465	0.243455777
OfL	W05	96	Entire Building	917.3029006	-6.181707014	0.157799409
OfL	W05	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W05	96	Office (Open Plan)	378.9102571	-2.553477366	0.204989124
OfL	W05	96	Corridor	1433.215382	-9.658442781	0.102410736
OfL	W05	96	Conference Room	3693.605639	-24.89121954	0.204989124
OfL	W05	96	Copy Room (photocopying equipment)	2067.373895	-13.93203892	0.102410736
OfL	W05	96	Restrooms	4657.949991	-31.38993904	0.102410736
OfL	W05	96	Mechanical/Electrical Room	209.515522	-1.411925735	0.075877574
OfL	W05	96	Office (Executive/Private)	867.9916298	-5.849398212	0.243456019
OfL	W05	03	Entire Building	857.5128752	-4.307129364	0.157886753
OfL	W05	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W05	03	Office (Open Plan)	353.02093	-1.773159165	0.205000589
OfL	W05	03	Corridor	1333.063982	-6.695735056	0.102452352
OfL	W05	03	Conference Room	3670.653085	-18.43701493	0.205000589
OfL	W05	03	Copy Room (photocopying equipment)	1922.908247	-9.658414249	0.102452352
OfL	W05	03	Restrooms	4332.457941	-21.76113893	0.102452352
OfL	W05	03	Mechanical/Electrical Room	195.3536624	-0.981225495	0.075877782
OfL	W05	03	Office (Executive/Private)	809.4559504	-4.065748274	0.243456178
OfL	W06	75	Entire Building	825.6185323	-19.11155696	0.156889706
OfL	W06	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W06	75	Office (Open Plan)	367.2596013	-8.501387162	0.204988113
OfL	W06	75	Corridor	1157.794412	-26.80082022	0.102410816
OfL	W06	75	Conference Room	3942.387162	-91.25904262	0.204988113
OfL	W06	75	Copy Room (photocopying equipment)	2101.076812	-48.63608024	0.102410816
OfL	W06	75	Restrooms	3762.831839	-87.10266572	0.102410816
OfL	W06	75	Mechanical/Electrical Room	154.4975495	-3.57633532	0.075878213

Lighting Occ Sensor db

OfL	W06	75	Office (Executive/Private)	733.0816043	-16.96949656	0.2434546
OfL	W06	85	Entire Building	990.0379164	-7.720167979	0.156984539
OfL	W06	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W06	85	Office (Open Plan)	447.463158	-3.489250954	0.204989753
OfL	W06	85	Corridor	1399.517991	-10.91323252	0.10241369
OfL	W06	85	Conference Room	4473.69972	-34.88524303	0.204989753
OfL	W06	85	Copy Room (photocopying equipment)	2332.796651	-18.19080028	0.10241369
OfL	W06	85	Restrooms	4548.433471	-35.46800568	0.10241369
OfL	W06	85	Mechanical/Electrical Room	180.3810593	-1.406584591	0.075876548
OfL	W06	85	Office (Executive/Private)	875.910757	-6.830221416	0.243455777
OfL	W06	96	Entire Building	934.1044449	-6.65203206	0.157799409
OfL	W06	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W06	96	Office (Open Plan)	385.8504701	-2.747754506	0.204989124
OfL	W06	96	Corridor	1459.466505	-10.39328957	0.102410736
OfL	W06	96	Conference Room	3761.258623	-26.78502718	0.204989124
OfL	W06	96	Copy Room (photocopying equipment)	2105.240421	-14.99203526	0.102410736
OfL	W06	96	Restrooms	4743.266142	-33.7781911	0.102410736
OfL	W06	96	Mechanical/Electrical Room	213.3530596	-1.51934979	0.075877574
OfL	W06	96	Office (Executive/Private)	883.8899768	-6.294440087	0.243456019
OfL	W06	03	Entire Building	871.5733566	-4.332269249	0.157886753
OfL	W06	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W06	03	Office (Open Plan)	358.8093495	-1.783508754	0.205000589
OfL	W06	03	Corridor	1354.921988	-6.734816774	0.102452352
OfL	W06	03	Conference Room	3730.84011	-18.54462824	0.205000589
OfL	W06	03	Copy Room (photocopying equipment)	1954.437821	-9.714788554	0.102452352
OfL	W06	03	Restrooms	4403.49646	-21.88815451	0.102452352
OfL	W06	03	Mechanical/Electrical Room	198.5568406	-0.98695272	0.07587782
OfL	W06	03	Office (Executive/Private)	822.7284512	-4.089479265	0.243456178
OfL	W07	75	Entire Building	859.8130886	-17.99323069	0.156889706
OfL	W07	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W07	75	Office (Open Plan)	382.4703538	-8.003922477	0.204988113
OfL	W07	75	Corridor	1205.746662	-25.23255126	0.102410816
OfL	W07	75	Conference Room	4105.668599	-85.91895517	0.204988113
OfL	W07	75	Copy Room (photocopying equipment)	2188.096891	-45.79010559	0.102410816
OfL	W07	75	Restrooms	3918.676651	-82.0057916	0.102410816
OfL	W07	75	Mechanical/Electrical Room	160.8963583	-3.367063528	0.075878213
OfL	W07	75	Office (Executive/Private)	763.4435684	-15.97651446	0.2434546
OfL	W07	85	Entire Building	999.2521532	-6.865892091	0.156984539
OfL	W07	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W07	85	Office (Open Plan)	451.6276767	-3.103147573	0.204989753
OfL	W07	85	Corridor	1412.54324	-9.705627782	0.10241369
OfL	W07	85	Conference Room	4515.336235	-31.0250133	0.204989753
OfL	W07	85	Copy Room (photocopying equipment)	2354.507881	-16.17789563	0.10241369
OfL	W07	85	Restrooms	4590.76553	-31.54329029	0.10241369
OfL	W07	85	Mechanical/Electrical Room	182.0598574	-1.250938845	0.075876548
OfL	W07	85	Office (Executive/Private)	884.0628177	-6.074422645	0.243455777
OfL	W07	96	Entire Building	943.434518	-6.663278963	0.157799409
OfL	W07	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W07	96	Office (Open Plan)	389.7044428	-2.752400263	0.204989124
OfL	W07	96	Corridor	1474.044028	-10.41086199	0.102410736
OfL	W07	96	Conference Room	3798.827032	-26.83031388	0.204989124
OfL	W07	96	Copy Room (photocopying equipment)	2126.268099	-15.017383	0.102410736
OfL	W07	96	Restrooms	4790.643092	-33.83530147	0.102410736
OfL	W07	96	Mechanical/Electrical Room	215.4840843	-1.521918626	0.075877574
OfL	W07	96	Office (Executive/Private)	892.718495	-6.305082392	0.243456019
OfL	W07	03	Entire Building	867.951007	-5.032081572	0.157886753
OfL	W07	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W07	03	Office (Open Plan)	357.3181004	-2.071607515	0.205000589
OfL	W07	03	Corridor	1349.290791	-7.822724173	0.102452352
OfL	W07	03	Conference Room	3715.33435	-21.54023138	0.205000589
OfL	W07	03	Copy Room (photocopying equipment)	1946.314973	-11.28406515	0.102452352
OfL	W07	03	Restrooms	4385.19507	-25.42385356	0.102452352
OfL	W07	03	Mechanical/Electrical Room	197.7316177	-1.146379947	0.07587782
OfL	W07	03	Office (Executive/Private)	819.3091061	-4.750072552	0.243456178
OfL	W08	75	Entire Building	861.5046523	-17.38952657	0.156889706



Lighting Occ Sensor db

OfL	W08	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W08	75	Office (Open Plan)	383.2228115	-7.735376987	0.204988113
OfL	W08	75	Corridor	1208.118802	-24.38595537	0.102410816
OfL	W08	75	Conference Room	4113.745935	-83.03622511	0.204988113
OfL	W08	75	Copy Room (photocopying equipment)	2192.40167	-44.25376808	0.102410816
OfL	W08	75	Restrooms	3926.386107	-79.25435497	0.102410816
OfL	W08	75	Mechanical/Electrical Room	161.2128997	-3.254092703	0.075878213
OfL	W08	75	Office (Executive/Private)	764.9455383	-15.44047467	0.2434546
OfL	W08	85	Entire Building	1004.293721	-6.079048346	0.156984539
OfL	W08	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W08	85	Office (Open Plan)	453.9062926	-2.747521206	0.204989753
OfL	W08	85	Corridor	1419.670003	-8.593345152	0.10241369
OfL	W08	85	Conference Room	4538.117648	-27.46949024	0.204989753
OfL	W08	85	Copy Room (photocopying equipment)	2366.387177	-14.32387931	0.10241369
OfL	W08	85	Restrooms	4613.927509	-27.92837174	0.10241369
OfL	W08	85	Mechanical/Electrical Room	182.9784115	-1.107578974	0.075876548
OfL	W08	85	Office (Executive/Private)	888.5232164	-5.378282741	0.243455777
OfL	W08	96	Entire Building	951.4414951	-6.01913814	0.157799409
OfL	W08	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W08	96	Office (Open Plan)	393.0118844	-2.48632505	0.204989124
OfL	W08	96	Corridor	1486.554316	-9.404441391	0.102410736
OfL	W08	96	Conference Room	3831.067872	-24.23662081	0.204989124
OfL	W08	96	Copy Room (photocopying equipment)	2144.313845	-13.56564887	0.102410736
OfL	W08	96	Restrooms	4831.301526	-30.56443452	0.102410736
OfL	W08	96	Mechanical/Electrical Room	217.3129088	-1.374794377	0.075877574
OfL	W08	96	Office (Executive/Private)	900.2950427	-5.69556852	0.243456019
OfL	W08	03	Entire Building	871.4345742	-4.800178955	0.157886753
OfL	W08	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W08	03	Office (Open Plan)	358.7522155	-1.976137837	0.205000589
OfL	W08	03	Corridor	1354.706241	-7.462215269	0.102452352
OfL	W08	03	Conference Room	3730.246041	-20.54755351	0.205000589
OfL	W08	03	Copy Room (photocopying equipment)	1954.126611	-10.76404094	0.102452352
OfL	W08	03	Restrooms	4402.795282	-24.25219963	0.102452352
OfL	W08	03	Mechanical/Electrical Room	198.525224	-1.093549224	0.07587782
OfL	W08	03	Office (Executive/Private)	822.5974465	-4.531166272	0.243456178
OfL	W09	75	Entire Building	850.1538227	-17.40012368	0.156889706
OfL	W09	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W09	75	Office (Open Plan)	378.1736259	-7.740090895	0.204988113
OfL	W09	75	Corridor	1192.201128	-24.40081608	0.102410816
OfL	W09	75	Conference Room	4059.544917	-83.08682706	0.204988113
OfL	W09	75	Copy Room (photocopying equipment)	2163.51549	-44.28073615	0.102410816
OfL	W09	75	Restrooms	3874.653665	-79.30265226	0.102410816
OfL	W09	75	Mechanical/Electrical Room	159.0888251	-3.256075735	0.075878213
OfL	W09	75	Office (Executive/Private)	754.8669318	-15.44988404	0.2434546
OfL	W09	85	Entire Building	1005.216242	-7.684014601	0.156984539
OfL	W09	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W09	85	Office (Open Plan)	454.3232401	-3.472910868	0.204989753
OfL	W09	85	Corridor	1420.974078	-10.86212609	0.10241369
OfL	W09	85	Conference Room	4542.286255	-34.7218762	0.204989753
OfL	W09	85	Copy Room (photocopying equipment)	2368.560885	-18.10561316	0.10241369
OfL	W09	85	Restrooms	4618.165754	-35.30190978	0.10241369
OfL	W09	85	Mechanical/Electrical Room	183.1464912	-1.399997586	0.075876548
OfL	W09	85	Office (Executive/Private)	889.3393928	-6.798235638	0.243455777
OfL	W09	96	Entire Building	948.6624876	-6.771658213	0.157799409
OfL	W09	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W09	96	Office (Open Plan)	391.8639599	-2.797168474	0.204989124
OfL	W09	96	Corridor	1482.21233	-10.58019625	0.102410736
OfL	W09	96	Conference Room	3819.877939	-27.26671304	0.204989124
OfL	W09	96	Copy Room (photocopying equipment)	2138.050649	-15.26164303	0.102410736
OfL	W09	96	Restrooms	4817.190071	-34.38563782	0.102410736
OfL	W09	96	Mechanical/Electrical Room	216.6781727	-1.546672865	0.075877574
OfL	W09	96	Office (Executive/Private)	897.6654257	-6.40763552	0.243456019
OfL	W09	03	Entire Building	869.8130003	-5.505121867	0.157886753
OfL	W09	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W09	03	Office (Open Plan)	358.0846459	-2.26634876	0.205000589

Lighting Occ Sensor db

OfL	W09	03	Corridor	1352.18539	-8.558098529	0.102452352
OfL	W09	03	Conference Room	3723.304763	-23.56511855	0.205000589
OfL	W09	03	Copy Room (photocopying equipment)	1950.490354	-12.3448225	0.102452352
OfL	W09	03	Restrooms	4394.602518	-27.81382022	0.102452352
OfL	W09	03	Mechanical/Electrical Room	198.1558063	-1.254145273	0.07587782
OfL	W09	03	Office (Executive/Private)	821.0667491	-5.196602618	0.243456178
OfL	W10	75	Entire Building	868.8600402	-17.35243668	0.156889706
OfL	W10	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W10	75	Office (Open Plan)	386.4947061	-7.718878306	0.204988113
OfL	W10	75	Corridor	1218.433526	-24.3339429	0.102410816
OfL	W10	75	Conference Room	4148.868435	-82.85911827	0.204988113
OfL	W10	75	Copy Room (photocopying equipment)	2211.120042	-44.15937982	0.102410816
OfL	W10	75	Restrooms	3959.908959	-79.08531443	0.102410816
OfL	W10	75	Mechanical/Electrical Room	162.5893095	-3.247152093	0.075878213
OfL	W10	75	Office (Executive/Private)	771.4765201	-15.40754189	0.2434546
OfL	W10	85	Entire Building	997.8348595	-7.949680997	0.156984539
OfL	W10	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W10	85	Office (Open Plan)	450.9871086	-3.592982961	0.204989753
OfL	W10	85	Corridor	1410.539753	-11.23767221	0.10241369
OfL	W10	85	Conference Room	4508.931888	-35.92234708	0.204989753
OfL	W10	85	Copy Room (photocopying equipment)	2351.168355	-18.73159493	0.10241369
OfL	W10	85	Restrooms	4584.254197	-36.52243468	0.10241369
OfL	W10	85	Mechanical/Electrical Room	181.801632	-1.448400971	0.075876548
OfL	W10	85	Office (Executive/Private)	882.8089033	-7.033277196	0.243455777
OfL	W10	96	Entire Building	944.0960915	-6.145921413	0.157799409
OfL	W10	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W10	96	Office (Open Plan)	389.977719	-2.538695409	0.204989124
OfL	W10	96	Corridor	1475.077686	-9.602530525	0.102410736
OfL	W10	96	Conference Room	3801.49092	-24.74712548	0.204989124
OfL	W10	96	Copy Room (photocopying equipment)	2127.759122	-13.85138702	0.102410736
OfL	W10	96	Restrooms	4794.00248	-31.20822421	0.102410736
OfL	W10	96	Mechanical/Electrical Room	215.6351902	-1.403752166	0.075877574
OfL	W10	96	Office (Executive/Private)	893.3445044	-5.81553633	0.243456019
OfL	W10	03	Entire Building	881.5450153	-3.844504164	0.157886753
OfL	W10	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W10	03	Office (Open Plan)	362.9144822	-1.582705607	0.205000589
OfL	W10	03	Corridor	1370.423631	-5.976551697	0.102452352
OfL	W10	03	Conference Room	3773.5246	-16.45671042	0.205000589
OfL	W10	03	Copy Room (photocopying equipment)	1976.798516	-8.62101197	0.102452352
OfL	W10	03	Restrooms	4453.876801	-19.42379302	0.102452352
OfL	W10	03	Mechanical/Electrical Room	200.8285266	-0.875832877	0.07587782
OfL	W10	03	Office (Executive/Private)	832.141276	-3.629049618	0.243456178
OfL	W11	75	Entire Building	854.9791506	-19.07148664	0.156937709
OfL	W11	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W11	75	Office (Open Plan)	380.3200748	-8.483562695	0.204988113
OfL	W11	75	Corridor	1198.967857	-26.74462817	0.102410816
OfL	W11	75	Conference Room	4082.586201	-91.06770398	0.204988113
OfL	W11	75	Copy Room (photocopying equipment)	2175.795235	-48.53410721	0.102410816
OfL	W11	75	Restrooms	3896.645537	-86.92004156	0.102410816
OfL	W11	75	Mechanical/Electrical Room	159.9917861	-3.568836982	0.075878213
OfL	W11	75	Office (Executive/Private)	759.1514275	-16.93391739	0.2434546
OfL	W11	85	Entire Building	957.2926644	-8.514323643	0.156984539
OfL	W11	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W11	85	Office (Open Plan)	432.663428	-3.848182057	0.204989753
OfL	W11	85	Corridor	1353.22929	-12.03585128	0.10241369
OfL	W11	85	Conference Room	4325.733241	-38.47380658	0.204989753
OfL	W11	85	Copy Room (photocopying equipment)	2255.639996	-20.06204546	0.10241369
OfL	W11	85	Restrooms	4397.995192	-39.11651665	0.10241369
OfL	W11	85	Mechanical/Electrical Room	174.4150017	-1.551276666	0.075876548
OfL	W11	85	Office (Executive/Private)	846.9402318	-7.532830354	0.243455777
OfL	W11	96	Entire Building	915.7743442	-6.861633439	0.157799409
OfL	W11	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W11	96	Office (Open Plan)	378.2788564	-2.834334535	0.204989124
OfL	W11	96	Corridor	1430.82713	-10.72077564	0.102410736
OfL	W11	96	Conference Room	3687.450764	-27.62900667	0.204989124



Lighting Occ Sensor db

OfL	W11	96	Copy Room (photocopying equipment)	2063.928907	-15.46442494	0.102410736
OfL	W11	96	Restrooms	4650.188171	-34.84252082	0.102410736
OfL	W11	96	Mechanical/Electrical Room	209.1663938	-1.567223554	0.075877574
OfL	W11	96	Office (Executive/Private)	866.5452437	-6.492773966	0.243456019
OfL	W11	03	Entire Building	855.4750566	-4.653444113	0.157870854
OfL	W11	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W11	03	Office (Open Plan)	352.1820008	-1.915730033	0.205000589
OfL	W11	03	Corridor	1329.89605	-7.234105653	0.102452352
OfL	W11	03	Conference Room	3661.930038	-19.91944317	0.205000589
OfL	W11	03	Copy Room (photocopying equipment)	1918.338591	-10.43499907	0.102452352
OfL	W11	03	Restrooms	4322.162162	-23.51084337	0.102452352
OfL	W11	03	Mechanical/Electrical Room	194.8894182	-1.060120934	0.07587782
OfL	W11	03	Office (Executive/Private)	807.5323357	-4.392654776	0.243456178
OfL	W12	75	Entire Building	848.265219	-20.30671229	0.156889706
OfL	W12	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W12	75	Office (Open Plan)	377.333519	-9.033027686	0.204988113
OfL	W12	75	Corridor	1189.552671	-28.4768293	0.102410816
OfL	W12	75	Conference Room	4050.526701	-96.96599424	0.204988113
OfL	W12	75	Copy Room (photocopying equipment)	2158.709274	-51.67757343	0.102410816
OfL	W12	75	Restrooms	3866.046181	-92.54969524	0.102410816
OfL	W12	75	Mechanical/Electrical Room	158.7354117	-3.79998409	0.075878213
OfL	W12	75	Office (Executive/Private)	753.1900064	-18.03069655	0.2434546
OfL	W12	85	Entire Building	958.7871801	-8.36808526	0.156984539
OfL	W12	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W12	85	Office (Open Plan)	433.3388978	-3.782087327	0.204989753
OfL	W12	85	Corridor	1355.341938	-11.82912864	0.10241369
OfL	W12	85	Conference Room	4332.486532	-37.81299692	0.204989753
OfL	W12	85	Copy Room (photocopying equipment)	2259.161479	-19.71746834	0.10241369
OfL	W12	85	Restrooms	4404.861298	-38.44466809	0.10241369
OfL	W12	85	Mechanical/Electrical Room	174.6872966	-1.524632601	0.075876548
OfL	W12	85	Office (Executive/Private)	848.2624664	-7.40344968	0.243455777
OfL	W12	96	Entire Building	916.3356669	-7.873854733	0.157799409
OfL	W12	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W12	96	Office (Open Plan)	378.510722	-3.252452728	0.204989124
OfL	W12	96	Corridor	1431.704153	-12.30229372	0.102410736
OfL	W12	96	Conference Room	3689.710982	-31.70481007	0.204989124
OfL	W12	96	Copy Room (photocopying equipment)	2065.19399	-17.74572142	0.102410736
OfL	W12	96	Restrooms	4653.038498	-39.9824546	0.102410736
OfL	W12	96	Mechanical/Electrical Room	209.2946021	-1.798418803	0.075877574
OfL	W12	96	Office (Executive/Private)	867.0763915	-7.45058148	0.243456019
OfL	W12	03	Entire Building	868.025657	-4.703723884	0.157886753
OfL	W12	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W12	03	Office (Open Plan)	357.3488324	-1.936429211	0.205000589
OfL	W12	03	Corridor	1349.406839	-7.312269088	0.102452352
OfL	W12	03	Conference Room	3715.653896	-20.13466979	0.205000589
OfL	W12	03	Copy Room (photocopying equipment)	1946.482371	-10.54774769	0.102452352
OfL	W12	03	Restrooms	4385.572228	-23.76487454	0.102452352
OfL	W12	03	Mechanical/Electrical Room	197.748624	-1.071575383	0.07587782
OfL	W12	03	Office (Executive/Private)	819.3795726	-4.440116757	0.243456178
OfL	W13	75	Entire Building	864.9556674	-17.52828248	0.156889706
OfL	W13	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W13	75	Office (Open Plan)	384.7579253	-7.79709973	0.204988113
OfL	W13	75	Corridor	1212.958284	-24.58053775	0.102410816
OfL	W13	75	Conference Room	4130.224778	-83.69879444	0.204988113
OfL	W13	75	Copy Room (photocopying equipment)	2201.183992	-44.60688131	0.102410816
OfL	W13	75	Restrooms	3942.114423	-79.8867477	0.102410816
OfL	W13	75	Mechanical/Electrical Room	161.8586863	-3.280058022	0.075878213
OfL	W13	75	Office (Executive/Private)	768.009757	-15.56367855	0.2434546
OfL	W13	85	Entire Building	993.3745888	-6.904888993	0.156984539
OfL	W13	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W13	85	Office (Open Plan)	448.9712194	-3.120772834	0.204989753
OfL	W13	85	Corridor	1404.234713	-9.760753818	0.10241369
OfL	W13	85	Conference Room	4488.777193	-31.20122921	0.204989753
OfL	W13	85	Copy Room (photocopying equipment)	2340.658753	-16.26978286	0.10241369
OfL	W13	85	Restrooms	4563.762816	-31.72244991	0.10241369

## Lighting Occ Sensor db

OfL	W13	85	Mechanical/Electrical Room	180.988988	-1.258043929	0.075876548
OfL	W13	85	Office (Executive/Private)	878.8627927	-6.108924158	0.243455777
OfL	W13	96	Entire Building	946.2346902	-6.272704686	0.157799409
OfL	W13	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W13	96	Office (Open Plan)	390.8611098	-2.591065769	0.204989124
OfL	W13	96	Corridor	1478.419082	-9.800619659	0.102410736
OfL	W13	96	Conference Room	3810.102186	-25.25763015	0.204989124
OfL	W13	96	Copy Room (photocopying equipment)	2132.578994	-14.13712516	0.102410736
OfL	W13	96	Restrooms	4804.862018	-31.85201389	0.102410736
OfL	W13	96	Mechanical/Electrical Room	216.1236544	-1.432709954	0.075877574
OfL	W13	96	Office (Executive/Private)	895.3681389	-5.93550414	0.243456019
OfL	W13	03	Entire Building	895.659727	-3.427079453	0.227653391
OfL	W13	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W13	03	Office (Open Plan)	368.7252273	-1.410860187	0.205000589
OfL	W13	03	Corridor	1392.365942	-5.327635671	0.102452352
OfL	W13	03	Conference Room	3833.943763	-14.66989025	0.205000589
OfL	W13	03	Copy Room (photocopying equipment)	2008.449698	-7.684968393	0.102452352
OfL	W13	03	Restrooms	4525.189311	-17.31481593	0.102452352
OfL	W13	03	Mechanical/Electrical Room	204.0440593	-0.780737575	0.07587782
OfL	W13	03	Office (Executive/Private)	845.4649679	-3.235018314	0.243456178
OfL	W14	75	Entire Building	858.0692016	-18.895972	0.156889706
OfL	W14	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W14	75	Office (Open Plan)	381.6946212	-8.405488581	0.204988113
OfL	W14	75	Corridor	1203.301147	-26.49849772	0.102410816
OfL	W14	75	Conference Room	4097.341414	-90.22960912	0.204988113
OfL	W14	75	Copy Room (photocopying equipment)	2183.658957	-48.08744847	0.102410816
OfL	W14	75	Restrooms	3910.728727	-86.12011758	0.102410816
OfL	W14	75	Mechanical/Electrical Room	160.5700257	-3.535993023	0.075878213
OfL	W14	75	Office (Executive/Private)	761.8951397	-16.77807478	0.2434546
OfL	W14	85	Entire Building	1003.329645	-5.360855397	0.156984539
OfL	W14	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W14	85	Office (Open Plan)	453.470563	-2.422922643	0.204989753
OfL	W14	85	Corridor	1418.307184	-7.578107315	0.10241369
OfL	W14	85	Conference Room	4533.76126	-24.2241806	0.204989753
OfL	W14	85	Copy Room (photocopying equipment)	2364.115553	-12.6316228	0.10241369
OfL	W14	85	Restrooms	4609.498347	-24.62884877	0.10241369
OfL	W14	85	Mechanical/Electrical Room	182.8027605	-0.976727011	0.075876548
OfL	W14	85	Office (Executive/Private)	887.6702743	-4.742879875	0.243455777
OfL	W14	96	Entire Building	945.8079724	-5.719561534	0.157799409
OfL	W14	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W14	96	Office (Open Plan)	390.6848455	-2.362578959	0.204989124
OfL	W14	96	Corridor	1477.752369	-8.936375937	0.102410736
OfL	W14	96	Conference Room	3808.383968	-23.03034769	0.204989124
OfL	W14	96	Copy Room (photocopying equipment)	2131.617278	-12.89047729	0.102410736
OfL	W14	96	Restrooms	4802.695199	-29.0432218	0.102410736
OfL	W14	96	Mechanical/Electrical Room	216.0261904	-1.306369924	0.075877574
OfL	W14	96	Office (Executive/Private)	894.9643601	-5.412096195	0.243456019
OfL	W14	03	Entire Building	862.3669767	-4.137819931	0.157886753
OfL	W14	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W14	03	Office (Open Plan)	355.0192666	-1.703457852	0.205000589
OfL	W14	03	Corridor	1340.610023	-6.432531653	0.102452352
OfL	W14	03	Conference Room	3691.431458	-17.71227224	0.205000589
OfL	W14	03	Copy Room (photocopying equipment)	1933.793205	-9.278750556	0.102452352
OfL	W14	03	Restrooms	4356.982576	-20.90572787	0.102452352
OfL	W14	03	Mechanical/Electrical Room	196.4594959	-0.942654392	0.07587782
OfL	W14	03	Office (Executive/Private)	814.0380172	-3.905927318	0.243456178
OfL	W15	75	Entire Building	879.027305	-15.09922614	0.156937709
OfL	W15	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W15	75	Office (Open Plan)	391.0174069	-6.716583453	0.204988113
OfL	W15	75	Corridor	1232.691445	-21.17418513	0.102410816
OfL	W15	75	Conference Room	4197.417848	-72.09987781	0.204988113
OfL	W15	75	Copy Room (photocopying equipment)	2236.994224	-38.4252929	0.102410816
OfL	W15	75	Restrooms	4006.247196	-68.81610167	0.102410816
OfL	W15	75	Mechanical/Electrical Room	164.4919043	-2.825510023	0.075878213
OfL	W15	75	Office (Executive/Private)	780.5042182	-13.40687556	0.2434546

## Lighting Occ Sensor db

OfL	W15	85	Entire Building	1050.783716	-4.880543552	0.157036033
OfL	W15	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W15	85	Office (Open Plan)	474.9181744	-2.205838175	0.204989753
OfL	W15	85	Corridor	1485.388277	-6.8991383	0.10241369
OfL	W15	85	Conference Room	4748.192708	-22.053788	0.204989753
OfL	W15	85	Copy Room (photocopying equipment)	2475.930157	-11.49987841	0.10241369
OfL	W15	85	Restrooms	4827.511901	-22.42219947	0.10241369
OfL	W15	85	Mechanical/Electrical Room	191.4487078	-0.88921606	0.075876548
OfL	W15	85	Office (Executive/Private)	929.6540515	-4.317936239	0.243455777
OfL	W15	96	Entire Building	999.7765956	-3.524626117	0.157851378
OfL	W15	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W15	96	Office (Open Plan)	412.9776616	-1.45591711	0.204989124
OfL	W15	96	Corridor	1562.074201	-5.506957803	0.102410736
OfL	W15	96	Conference Room	4025.69366	-14.19223562	0.204989124
OfL	W15	96	Copy Room (photocopying equipment)	2253.249209	-7.943635652	0.102410736
OfL	W15	96	Restrooms	5076.741152	-17.89761286	0.102410736
OfL	W15	96	Mechanical/Electrical Room	228.3528322	-0.805038205	0.075877574
OfL	W15	96	Office (Executive/Private)	946.0318027	-3.335153487	0.243456019
OfL	W15	03	Entire Building	908.8181483	-2.365919756	0.157870854
OfL	W15	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W15	03	Office (Open Plan)	374.1422866	-0.974001926	0.205000589
OfL	W15	03	Corridor	1412.821632	-3.677988402	0.102452352
OfL	W15	03	Conference Room	3890.269448	-10.1275105	0.205000589
OfL	W15	03	Copy Room (photocopying equipment)	2037.95647	-5.305397435	0.102452352
OfL	W15	03	Restrooms	4591.670303	-11.95346231	0.102452352
OfL	W15	03	Mechanical/Electrical Room	207.0417353	-0.538990262	0.07587782
OfL	W15	03	Office (Executive/Private)	857.8859621	-2.23328361	0.243456178
OfL	W16	75	Entire Building	840.5693327	-22.09828622	0.156889706
OfL	W16	75	Lobby (Office Reception/Waiting)	0	0	0
OfL	W16	75	Office (Open Plan)	373.9101606	-9.829972888	0.204988113
OfL	W16	75	Corridor	1178.760454	-30.98921754	0.102410816
OfL	W16	75	Conference Room	4013.778297	-105.5208871	0.204988113
OfL	W16	75	Copy Room (photocopying equipment)	2139.124384	-56.23686359	0.102410816
OfL	W16	75	Restrooms	3830.971476	-100.714957	0.102410816
OfL	W16	75	Mechanical/Electrical Room	157.2952847	-4.135240351	0.075878213
OfL	W16	75	Office (Executive/Private)	746.35669	-19.6214674	0.2434546
OfL	W16	85	Entire Building	931.4743998	-9.706978902	0.156984539
OfL	W16	85	Lobby (Office Reception/Waiting)	0	0	0
OfL	W16	85	Office (Open Plan)	420.9944585	-4.387221299	0.204989753
OfL	W16	85	Corridor	1316.732581	-13.72178922	0.10241369
OfL	W16	85	Conference Room	4209.067847	-43.86307643	0.204989753
OfL	W16	85	Copy Room (photocopying equipment)	2194.805194	-22.87226328	0.10241369
OfL	W16	85	Restrooms	4279.380888	-44.59581498	0.10241369
OfL	W16	85	Mechanical/Electrical Room	169.7110142	-1.768573817	0.075876548
OfL	W16	85	Office (Executive/Private)	824.0981816	-8.588001629	0.243455777
OfL	W16	96	Entire Building	890.9287079	-8.503170093	0.157799409
OfL	W16	96	Lobby (Office Reception/Waiting)	0	0	0
OfL	W16	96	Office (Open Plan)	368.0158709	-3.512403988	0.204989124
OfL	W16	96	Corridor	1392.00773	-13.28555068	0.102410736
OfL	W16	96	Conference Room	3587.407493	-34.23880703	0.204989124
OfL	W16	96	Copy Room (photocopying equipment)	2007.932987	-19.16404261	0.102410736
OfL	W16	96	Restrooms	4524.025122	-43.1780397	0.102410736
OfL	W16	96	Mechanical/Electrical Room	203.4915547	-1.94215686	0.075877574
OfL	W16	96	Office (Executive/Private)	843.0352294	-8.046066858	0.243456019
OfL	W16	03	Entire Building	813.2360984	-7.756937326	0.157886753
OfL	W16	03	Lobby (Office Reception/Waiting)	0	0	0
OfL	W16	03	Office (Open Plan)	334.793065	-3.193376225	0.205000589
OfL	W16	03	Corridor	1264.232623	-12.05870379	0.102452352
OfL	W16	03	Conference Room	3481.122767	-33.2041964	0.205000589
OfL	W16	03	Copy Room (photocopying equipment)	1823.620899	-17.39434962	0.102452352
OfL	W16	03	Restrooms	4108.756025	-39.19078732	0.102452352
OfL	W16	03	Mechanical/Electrical Room	185.2667812	-1.767140948	0.07587782
OfL	W16	03	Office (Executive/Private)	767.6605424	-7.322221341	0.243456178
EUn	W01	75	Entire Building	262.5112547	-8.165843913	0.046877552
EUn	W01	75	Comm/Ind Work (Gen, Low)	0	0	0

Lighting Occ Sensor db

EUn	W01	75	Classroom / Lecture	292.1663285	-9.088313709	0.040347221
EUn	W01	75	Dining Area	0	0	0
EUn	W01	75	Office (General)	225.4790861	-7.013897461	0.059001815
EUn	W01	75	Kitchen and Food Prep	0	0	0
EUn	W01	75	Computer (Instruc/PC Lab)	102.3833575	-3.184802562	0.023176892
EUn	W01	75	Hotel/Motel Guest Room	0	0	0
EUn	W01	75	Corridor	0	0	0
EUn	W01	85	Entire Building	318.5966476	-1.424118095	0.071302982
EUn	W01	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W01	85	Classroom / Lecture	354.6024606	-1.585063071	0.04502457
EUn	W01	85	Dining Area	0	0	0
EUn	W01	85	Office (General)	273.467231	-1.222390867	0.06587874
EUn	W01	85	Kitchen and Food Prep	0	0	0
EUn	W01	85	Computer (Instruc/PC Lab)	124.5886258	-0.556907669	0.025865041
EUn	W01	85	Hotel/Motel Guest Room	0	0	0
EUn	W01	85	Corridor	0	0	0
EUn	W01	96	Entire Building	501.2180987	-3.02150918	0.126652646
EUn	W01	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W01	96	Classroom / Lecture	576.5836424	-3.47583771	0.075016294
EUn	W01	96	Dining Area	0	0	0
EUn	W01	96	Office (General)	413.7879641	-2.494451288	0.102564917
EUn	W01	96	Kitchen and Food Prep	0	0	0
EUn	W01	96	Computer (Instruc/PC Lab)	203.9860272	-1.229695526	0.043099541
EUn	W01	96	Hotel/Motel Guest Room	0	0	0
EUn	W01	96	Corridor	0	0	0
EUn	W01	03	Entire Building	493.9042583	-1.911646368	0.119130458
EUn	W01	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W01	03	Classroom / Lecture	568.2393975	-2.199359009	0.073121496
EUn	W01	03	Dining Area	0	0	0
EUn	W01	03	Office (General)	407.6154633	-1.577667345	0.100086848
EUn	W01	03	Kitchen and Food Prep	0	0	0
EUn	W01	03	Computer (Instruc/PC Lab)	200.9331754	-0.777707761	0.041978927
EUn	W01	03	Hotel/Motel Guest Room	0	0	0
EUn	W01	03	Corridor	0	0	0
EUn	W02	75	Entire Building	266.1778386	-7.439488086	0.048509767
EUn	W02	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W02	75	Classroom / Lecture	296.2471148	-8.279903741	0.040347221
EUn	W02	75	Dining Area	0	0	0
EUn	W02	75	Office (General)	228.6284291	-6.390007837	0.059001815
EUn	W02	75	Kitchen and Food Prep	0	0	0
EUn	W02	75	Computer (Instruc/PC Lab)	103.8133806	-2.90151281	0.023176892
EUn	W02	75	Hotel/Motel Guest Room	0	0	0
EUn	W02	75	Corridor	0	0	0
EUn	W02	85	Entire Building	335.0431196	-1.394995026	0.073642535
EUn	W02	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W02	85	Classroom / Lecture	372.9076107	-1.552648694	0.04502457
EUn	W02	85	Dining Area	0	0	0
EUn	W02	85	Office (General)	287.5840499	-1.197393098	0.06587874
EUn	W02	85	Kitchen and Food Prep	0	0	0
EUn	W02	85	Computer (Instruc/PC Lab)	131.0200913	-0.545518964	0.025865041
EUn	W02	85	Hotel/Motel Guest Room	0	0	0
EUn	W02	85	Corridor	0	0	0
EUn	W02	96	Entire Building	524.1418972	-2.462690339	0.127614786
EUn	W02	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W02	96	Classroom / Lecture	602.9543726	-2.832992203	0.075016294
EUn	W02	96	Dining Area	0	0	0
EUn	W02	96	Office (General)	432.7130427	-2.033110185	0.102564917
EUn	W02	96	Kitchen and Food Prep	0	0	0
EUn	W02	96	Computer (Instruc/PC Lab)	213.3155677	-1.002267116	0.043099541
EUn	W02	96	Hotel/Motel Guest Room	0	0	0
EUn	W02	96	Corridor	0	0	0
EUn	W02	03	Entire Building	510.1097229	-1.76586754	0.120607684
EUn	W02	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W02	03	Classroom / Lecture	586.8838681	-2.031639715	0.073121496
EUn	W02	03	Dining Area	0	0	0

## Lighting Occ Sensor db

EUn	W02	03	Office (General)	420.9897111	-1.457357176	0.100086848
EUn	W02	03	Kitchen and Food Prep	0	0	0
EUn	W02	03	Computer (Instruc/PC Lab)	207.5259824	-0.718401119	0.041978927
EUn	W02	03	Hotel/Motel Guest Room	0	0	0
EUn	W02	03	Corridor	0	0	0
EUn	W03	75	Entire Building	265.3610556	-7.835429453	0.048215889
EUn	W03	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W03	75	Classroom / Lecture	295.3380625	-8.720573363	0.040347221
EUn	W03	75	Dining Area	0	0	0
EUn	W03	75	Office (General)	227.9268688	-6.730094198	0.059001815
EUn	W03	75	Kitchen and Food Prep	0	0	0
EUn	W03	75	Computer (Instruc/PC Lab)	103.4948229	-3.055935928	0.023176892
EUn	W03	75	Hotel/Motel Guest Room	0	0	0
EUn	W03	75	Corridor	0	0	0
EUn	W03	85	Entire Building	331.2833702	-0.971254366	0.076069457
EUn	W03	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W03	85	Classroom / Lecture	368.7229577	-1.081019497	0.04502457
EUn	W03	85	Dining Area	0	0	0
EUn	W03	85	Office (General)	284.3568713	-0.833675571	0.06587874
EUn	W03	85	Kitchen and Food Prep	0	0	0
EUn	W03	85	Computer (Instruc/PC Lab)	129.5498247	-0.379813308	0.025865041
EUn	W03	85	Hotel/Motel Guest Room	0	0	0
EUn	W03	85	Corridor	0	0	0
EUn	W03	96	Entire Building	519.5496406	-2.158498517	0.124611742
EUn	W03	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W03	96	Classroom / Lecture	597.6716024	-2.483060648	0.075016294
EUn	W03	96	Dining Area	0	0	0
EUn	W03	96	Office (General)	428.9218378	-1.781980158	0.102564917
EUn	W03	96	Kitchen and Food Prep	0	0	0
EUn	W03	96	Computer (Instruc/PC Lab)	211.4466085	-0.878466955	0.043099541
EUn	W03	96	Hotel/Motel Guest Room	0	0	0
EUn	W03	96	Corridor	0	0	0
EUn	W03	03	Entire Building	503.8022909	-1.546227438	0.119645544
EUn	W03	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W03	03	Classroom / Lecture	579.627135	-1.778942646	0.073121496
EUn	W03	03	Dining Area	0	0	0
EUn	W03	03	Office (General)	415.784235	-1.276089856	0.100086848
EUn	W03	03	Kitchen and Food Prep	0	0	0
EUn	W03	03	Computer (Instruc/PC Lab)	204.959954	-0.629045779	0.041978927
EUn	W03	03	Hotel/Motel Guest Room	0	0	0
EUn	W03	03	Corridor	0	0	0
EUn	W04	75	Entire Building	266.470446	-7.424794174	0.047834642
EUn	W04	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W04	75	Classroom / Lecture	296.5727772	-8.263549903	0.040347221
EUn	W04	75	Dining Area	0	0	0
EUn	W04	75	Office (General)	228.8797587	-6.377386778	0.059001815
EUn	W04	75	Kitchen and Food Prep	0	0	0
EUn	W04	75	Computer (Instruc/PC Lab)	103.9275019	-2.895781962	0.023176892
EUn	W04	75	Hotel/Motel Guest Room	0	0	0
EUn	W04	75	Corridor	0	0	0
EUn	W04	85	Entire Building	340.4369354	-0.742638271	0.066531652
EUn	W04	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W04	85	Classroom / Lecture	378.9110019	-0.826566632	0.04502457
EUn	W04	85	Dining Area	0	0	0
EUn	W04	85	Office (General)	292.2138282	-0.63744309	0.06587874
EUn	W04	85	Kitchen and Food Prep	0	0	0
EUn	W04	85	Computer (Instruc/PC Lab)	133.1293668	-0.290411975	0.025865041
EUn	W04	85	Hotel/Motel Guest Room	0	0	0
EUn	W04	85	Corridor	0	0	0
EUn	W04	96	Entire Building	532.8858571	-1.73962735	0.106331077
EUn	W04	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W04	96	Classroom / Lecture	613.013116	-2.001206015	0.075016294
EUn	W04	96	Dining Area	0	0	0
EUn	W04	96	Office (General)	439.9317472	-1.436174914	0.102564917
EUn	W04	96	Kitchen and Food Prep	0	0	0



## Lighting Occ Sensor db

EUn	W04	96	Computer (Instruc/PC Lab)	216.8741895	-0.707994529	0.043099541
EUn	W04	96	Hotel/Motel Guest Room	0	0	0
EUn	W04	96	Corridor	0	0	0
EUn	W04	03	Entire Building	517.5002624	-1.466535012	0.110616975
EUn	W04	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W04	03	Classroom / Lecture	595.386722	-1.687256098	0.073121496
EUn	W04	03	Dining Area	0	0	0
EUn	W04	03	Office (General)	427.0890677	-1.210320297	0.100086848
EUn	W04	03	Kitchen and Food Prep	0	0	0
EUn	W04	03	Computer (Instruc/PC Lab)	210.5326473	-0.596624815	0.041978927
EUn	W04	03	Hotel/Motel Guest Room	0	0	0
EUn	W04	03	Corridor	0	0	0
EUn	W05	75	Entire Building	266.3825208	-7.396597748	0.043632977
EUn	W05	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W05	75	Classroom / Lecture	296.4749194	-8.232168215	0.040347221
EUn	W05	75	Dining Area	0	0	0
EUn	W05	75	Office (General)	228.804237	-6.35316799	0.059001815
EUn	W05	75	Kitchen and Food Prep	0	0	0
EUn	W05	75	Computer (Instruc/PC Lab)	103.8932098	-2.884784929	0.023176892
EUn	W05	75	Hotel/Motel Guest Room	0	0	0
EUn	W05	75	Corridor	0	0	0
EUn	W05	85	Entire Building	340.7641233	-0.83340517	0.077258649
EUn	W05	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W05	85	Classroom / Lecture	379.2751667	-0.927591443	0.04502457
EUn	W05	85	Dining Area	0	0	0
EUn	W05	85	Office (General)	292.4946698	-0.715352801	0.06587874
EUn	W05	85	Kitchen and Food Prep	0	0	0
EUn	W05	85	Computer (Instruc/PC Lab)	133.2573151	-0.325906772	0.025865041
EUn	W05	85	Hotel/Motel Guest Room	0	0	0
EUn	W05	85	Corridor	0	0	0
EUn	W05	96	Entire Building	533.2838528	-1.984535782	0.111345869
EUn	W05	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W05	96	Classroom / Lecture	613.4709561	-2.282940047	0.075016294
EUn	W05	96	Dining Area	0	0	0
EUn	W05	96	Office (General)	440.2603184	-1.638362667	0.102564917
EUn	W05	96	Kitchen and Food Prep	0	0	0
EUn	W05	96	Computer (Instruc/PC Lab)	217.036166	-0.807667502	0.043099541
EUn	W05	96	Hotel/Motel Guest Room	0	0	0
EUn	W05	96	Corridor	0	0	0
EUn	W05	03	Entire Building	514.4033856	-1.343108938	0.117215897
EUn	W05	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W05	03	Classroom / Lecture	591.8237492	-1.545253763	0.073121496
EUn	W05	03	Dining Area	0	0	0
EUn	W05	03	Office (General)	424.5332386	-1.108457687	0.100086848
EUn	W05	03	Kitchen and Food Prep	0	0	0
EUn	W05	03	Computer (Instruc/PC Lab)	209.2727567	-0.546411859	0.041978927
EUn	W05	03	Hotel/Motel Guest Room	0	0	0
EUn	W05	03	Corridor	0	0	0
EUn	W06	75	Entire Building	267.568399	-7.429559767	0.044474898
EUn	W06	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W06	75	Classroom / Lecture	297.7947625	-8.26885385	0.040347221
EUn	W06	75	Dining Area	0	0	0
EUn	W06	75	Office (General)	229.8228247	-6.381480094	0.059001815
EUn	W06	75	Kitchen and Food Prep	0	0	0
EUn	W06	75	Computer (Instruc/PC Lab)	104.3557202	-2.897640615	0.023176892
EUn	W06	75	Hotel/Motel Guest Room	0	0	0
EUn	W06	75	Corridor	0	0	0
EUn	W06	85	Entire Building	343.2478455	-0.589742156	0.073487212
EUn	W06	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W06	85	Classroom / Lecture	382.0395836	-0.656391149	0.04502457
EUn	W06	85	Dining Area	0	0	0
EUn	W06	85	Office (General)	294.6265711	-0.506204807	0.06587874
EUn	W06	85	Kitchen and Food Prep	0	0	0
EUn	W06	85	Computer (Instruc/PC Lab)	134.2285856	-0.230621274	0.025865041
EUn	W06	85	Hotel/Motel Guest Room	0	0	0

## Lighting Occ Sensor db

EUn	W06	85	Corridor	0	0	0
EUn	W06	96	Entire Building	535.9890316	-1.410167199	0.125612757
EUn	W06	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W06	96	Classroom / Lecture	616.5828986	-1.622206664	0.075016294
EUn	W06	96	Dining Area	0	0	0
EUn	W06	96	Office (General)	442.4936185	-1.164184246	0.102564917
EUn	W06	96	Kitchen and Food Prep	0	0	0
EUn	W06	96	Computer (Instruc/PC Lab)	218.1371212	-0.573910649	0.043099541
EUn	W06	96	Hotel/Motel Guest Room	0	0	0
EUn	W06	96	Corridor	0	0	0
EUn	W06	03	Entire Building	519.4339991	-0.712664098	0.118391846
EUn	W06	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W06	03	Classroom / Lecture	597.611496	-0.819923722	0.073121496
EUn	W06	03	Dining Area	0	0	0
EUn	W06	03	Office (General)	428.6849661	-0.588156311	0.100086848
EUn	W06	03	Kitchen and Food Prep	0	0	0
EUn	W06	03	Computer (Instruc/PC Lab)	211.319342	-0.289930402	0.041978927
EUn	W06	03	Hotel/Motel Guest Room	0	0	0
EUn	W06	03	Corridor	0	0	0
EUn	W07	75	Entire Building	269.0752795	-6.774687838	0.047147602
EUn	W07	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W07	75	Classroom / Lecture	299.4718706	-7.540003091	0.040347221
EUn	W07	75	Dining Area	0	0	0
EUn	W07	75	Office (General)	231.1171313	-5.818990214	0.059001815
EUn	W07	75	Kitchen and Food Prep	0	0	0
EUn	W07	75	Computer (Instruc/PC Lab)	104.9434264	-2.642230664	0.023176892
EUn	W07	75	Hotel/Motel Guest Room	0	0	0
EUn	W07	75	Corridor	0	0	0
EUn	W07	85	Entire Building	351.0741365	-0.609788535	0.067167506
EUn	W07	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W07	85	Classroom / Lecture	390.7503534	-0.678703046	0.04502457
EUn	W07	85	Dining Area	0	0	0
EUn	W07	85	Office (General)	301.344263	-0.523411604	0.06587874
EUn	W07	85	Kitchen and Food Prep	0	0	0
EUn	W07	85	Computer (Instruc/PC Lab)	137.2890912	-0.238460499	0.025865041
EUn	W07	85	Hotel/Motel Guest Room	0	0	0
EUn	W07	85	Corridor	0	0	0
EUn	W07	96	Entire Building	549.9148652	-1.003444268	0.116768841
EUn	W07	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W07	96	Classroom / Lecture	632.6026869	-1.154326933	0.075016294
EUn	W07	96	Dining Area	0	0	0
EUn	W07	96	Office (General)	453.9902949	-0.828408155	0.102564917
EUn	W07	96	Kitchen and Food Prep	0	0	0
EUn	W07	96	Computer (Instruc/PC Lab)	223.8046649	-0.408382319	0.043099541
EUn	W07	96	Hotel/Motel Guest Room	0	0	0
EUn	W07	96	Corridor	0	0	0
EUn	W07	03	Entire Building	523.7170491	-0.440640805	0.11182208
EUn	W07	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W07	03	Classroom / Lecture	602.5391672	-0.506959519	0.073121496
EUn	W07	03	Dining Area	0	0	0
EUn	W07	03	Office (General)	432.219735	-0.363657536	0.100086848
EUn	W07	03	Kitchen and Food Prep	0	0	0
EUn	W07	03	Computer (Instruc/PC Lab)	213.0617988	-0.179264209	0.041978927
EUn	W07	03	Hotel/Motel Guest Room	0	0	0
EUn	W07	03	Corridor	0	0	0
EUn	W08	75	Entire Building	269.5232056	-6.690495692	0.041921335
EUn	W08	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W08	75	Classroom / Lecture	299.9703974	-7.446300022	0.040347221
EUn	W08	75	Dining Area	0	0	0
EUn	W08	75	Office (General)	231.5018689	-5.74667496	0.059001815
EUn	W08	75	Kitchen and Food Prep	0	0	0
EUn	W08	75	Computer (Instruc/PC Lab)	105.1181243	-2.609394454	0.023176892
EUn	W08	75	Hotel/Motel Guest Room	0	0	0
EUn	W08	75	Corridor	0	0	0
EUn	W08	85	Entire Building	348.065238	-1.144051244	0.065619129



## Lighting Occ Sensor db

EUn	W08	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W08	85	Classroom / Lecture	387.4014079	-1.273344805	0.04502457
EUn	W08	85	Dining Area	0	0	0
EUn	W08	85	Office (General)	298.761577	-0.981995662	0.06587874
EUn	W08	85	Kitchen and Food Prep	0	0	0
EUn	W08	85	Computer (Instruc/PC Lab)	136.1124482	-0.447386291	0.025865041
EUn	W08	85	Hotel/Motel Guest Room	0	0	0
EUn	W08	85	Corridor	0	0	0
EUn	W08	96	Entire Building	545.0857957	-1.239800341	0.113075778
EUn	W08	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W08	96	Classroom / Lecture	627.0474955	-1.426222633	0.075016294
EUn	W08	96	Dining Area	0	0	0
EUn	W08	96	Office (General)	450.0035857	-1.023535384	0.102564917
EUn	W08	96	Kitchen and Food Prep	0	0	0
EUn	W08	96	Computer (Instruc/PC Lab)	221.8393275	-0.504574649	0.043099541
EUn	W08	96	Hotel/Motel Guest Room	0	0	0
EUn	W08	96	Corridor	0	0	0
EUn	W08	03	Entire Building	528.3819716	-0.39894806	0.108760724
EUn	W08	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W08	03	Classroom / Lecture	607.9061846	-0.458991801	0.073121496
EUn	W08	03	Dining Area	0	0	0
EUn	W08	03	Office (General)	436.0696604	-0.329248828	0.100086848
EUn	W08	03	Kitchen and Food Prep	0	0	0
EUn	W08	03	Computer (Instruc/PC Lab)	214.9596113	-0.162302509	0.041978927
EUn	W08	03	Hotel/Motel Guest Room	0	0	0
EUn	W08	03	Corridor	0	0	0
EUn	W09	75	Entire Building	269.579519	-6.663093531	0.048366799
EUn	W09	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W09	75	Classroom / Lecture	300.0330724	-7.415802325	0.040347221
EUn	W09	75	Dining Area	0	0	0
EUn	W09	75	Office (General)	231.5502383	-5.723138391	0.059001815
EUn	W09	75	Kitchen and Food Prep	0	0	0
EUn	W09	75	Computer (Instruc/PC Lab)	105.1400874	-2.598707197	0.023176892
EUn	W09	75	Hotel/Motel Guest Room	0	0	0
EUn	W09	75	Corridor	0	0	0
EUn	W09	85	Entire Building	345.2825773	-1.265882751	0.078739072
EUn	W09	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W09	85	Classroom / Lecture	384.3042682	-1.408944952	0.04502457
EUn	W09	85	Dining Area	0	0	0
EUn	W09	85	Office (General)	296.3730819	-1.086569659	0.06587874
EUn	W09	85	Kitchen and Food Prep	0	0	0
EUn	W09	85	Computer (Instruc/PC Lab)	135.0242764	-0.495029039	0.025865041
EUn	W09	85	Hotel/Motel Guest Room	0	0	0
EUn	W09	85	Corridor	0	0	0
EUn	W09	96	Entire Building	545.3491694	-1.231247983	0.132814231
EUn	W09	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W09	96	Classroom / Lecture	627.3504714	-1.416384302	0.075016294
EUn	W09	96	Dining Area	0	0	0
EUn	W09	96	Office (General)	450.2210178	-1.016474859	0.102564917
EUn	W09	96	Kitchen and Food Prep	0	0	0
EUn	W09	96	Computer (Instruc/PC Lab)	221.9465155	-0.501094005	0.043099541
EUn	W09	96	Hotel/Motel Guest Room	0	0	0
EUn	W09	96	Corridor	0	0	0
EUn	W09	03	Entire Building	524.3769413	-0.699932747	0.120588247
EUn	W09	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W09	03	Classroom / Lecture	603.2983765	-0.805276237	0.073121496
EUn	W09	03	Dining Area	0	0	0
EUn	W09	03	Office (General)	432.764339	-0.577649223	0.100086848
EUn	W09	03	Kitchen and Food Prep	0	0	0
EUn	W09	03	Computer (Instruc/PC Lab)	213.3302602	-0.284750956	0.041978927
EUn	W09	03	Hotel/Motel Guest Room	0	0	0
EUn	W09	03	Corridor	0	0	0
EUn	W10	75	Entire Building	268.456507	-6.750859872	0.048275459
EUn	W10	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W10	75	Classroom / Lecture	298.7831972	-7.513483355	0.040347221

## Lighting Occ Sensor db

EUn	W10	75	Dining Area	0	0	0
EUn	W10	75	Office (General)	230.5856483	-5.798523633	0.059001815
EUn	W10	75	Kitchen and Food Prep	0	0	0
EUn	W10	75	Computer (Instruc/PC Lab)	104.7020957	-2.632937397	0.023176892
EUn	W10	75	Hotel/Motel Guest Room	0	0	0
EUn	W10	75	Corridor	0	0	0
EUn	W10	85	Entire Building	347.9360772	-1.345971192	0.063420338
EUn	W10	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W10	85	Classroom / Lecture	387.2576502	-1.498084491	0.04502457
EUn	W10	85	Dining Area	0	0	0
EUn	W10	85	Office (General)	298.6507119	-1.155313522	0.06587874
EUn	W10	85	Kitchen and Food Prep	0	0	0
EUn	W10	85	Computer (Instruc/PC Lab)	136.0619393	-0.526347978	0.025865041
EUn	W10	85	Hotel/Motel Guest Room	0	0	0
EUn	W10	85	Corridor	0	0	0
EUn	W10	96	Entire Building	546.9369924	-1.326587337	0.107196032
EUn	W10	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W10	96	Classroom / Lecture	629.177047	-1.526059336	0.075016294
EUn	W10	96	Dining Area	0	0	0
EUn	W10	96	Office (General)	451.5318684	-1.095183663	0.102564917
EUn	W10	96	Kitchen and Food Prep	0	0	0
EUn	W10	96	Computer (Instruc/PC Lab)	222.5927286	-0.53989527	0.043099541
EUn	W10	96	Hotel/Motel Guest Room	0	0	0
EUn	W10	96	Corridor	0	0	0
EUn	W10	03	Entire Building	534.6093516	-0.316728801	0.103386345
EUn	W10	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W10	03	Classroom / Lecture	615.0708174	-0.36439812	0.073121496
EUn	W10	03	Dining Area	0	0	0
EUn	W10	03	Office (General)	441.2090702	-0.261393893	0.100086848
EUn	W10	03	Kitchen and Food Prep	0	0	0
EUn	W10	03	Computer (Instruc/PC Lab)	217.4930724	-0.128853563	0.041978927
EUn	W10	03	Hotel/Motel Guest Room	0	0	0
EUn	W10	03	Corridor	0	0	0
EUn	W11	75	Entire Building	267.7872191	-6.982785407	0.043605178
EUn	W11	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W11	75	Classroom / Lecture	298.038302	-7.77160879	0.040347221
EUn	W11	75	Dining Area	0	0	0
EUn	W11	75	Office (General)	230.0107761	-5.997731692	0.059001815
EUn	W11	75	Kitchen and Food Prep	0	0	0
EUn	W11	75	Computer (Instruc/PC Lab)	104.4410634	-2.723391861	0.023176892
EUn	W11	75	Hotel/Motel Guest Room	0	0	0
EUn	W11	75	Corridor	0	0	0
EUn	W11	85	Entire Building	336.8650394	-1.916783353	0.071404912
EUn	W11	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W11	85	Classroom / Lecture	374.9354325	-2.133406295	0.04502457
EUn	W11	85	Dining Area	0	0	0
EUn	W11	85	Office (General)	289.1478936	-1.645269779	0.06587874
EUn	W11	85	Kitchen and Food Prep	0	0	0
EUn	W11	85	Computer (Instruc/PC Lab)	131.7325611	-0.749566594	0.025865041
EUn	W11	85	Hotel/Motel Guest Room	0	0	0
EUn	W11	85	Corridor	0	0	0
EUn	W11	96	Entire Building	527.5909466	-2.769797737	0.123464949
EUn	W11	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W11	96	Classroom / Lecture	606.9220374	-3.186277734	0.075016294
EUn	W11	96	Dining Area	0	0	0
EUn	W11	96	Office (General)	435.560456	-2.286647209	0.102564917
EUn	W11	96	Kitchen and Food Prep	0	0	0
EUn	W11	96	Computer (Instruc/PC Lab)	214.7192638	-1.12725386	0.043099541
EUn	W11	96	Hotel/Motel Guest Room	0	0	0
EUn	W11	96	Corridor	0	0	0
EUn	W11	03	Entire Building	515.5832708	-1.737294889	0.117692107
EUn	W11	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W11	03	Classroom / Lecture	593.1812132	-1.998766734	0.073121496
EUn	W11	03	Dining Area	0	0	0
EUn	W11	03	Office (General)	425.506989	-1.433776383	0.100086848

## Lighting Occ Sensor db

EUn	W11	03	Kitchen and Food Prep	0	0	0
EUn	W11	03	Computer (Instruc/PC Lab)	209.7527649	-0.706777018	0.041978927
EUn	W11	03	Hotel/Motel Guest Room	0	0	0
EUn	W11	03	Corridor	0	0	0
EUn	W12	75	Entire Building	267.3168948	-7.11542775	0.044149249
EUn	W12	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W12	75	Classroom / Lecture	297.5148466	-7.919235324	0.040347221
EUn	W12	75	Dining Area	0	0	0
EUn	W12	75	Office (General)	229.6067999	-6.111662329	0.059001815
EUn	W12	75	Kitchen and Food Prep	0	0	0
EUn	W12	75	Computer (Instruc/PC Lab)	104.2576298	-2.77512438	0.023176892
EUn	W12	75	Hotel/Motel Guest Room	0	0	0
EUn	W12	75	Corridor	0	0	0
EUn	W12	85	Entire Building	335.3112266	-1.668266494	0.071555382
EUn	W12	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W12	85	Classroom / Lecture	373.2060174	-1.856803605	0.04502457
EUn	W12	85	Dining Area	0	0	0
EUn	W12	85	Office (General)	287.8141793	-1.43195549	0.06587874
EUn	W12	85	Kitchen and Food Prep	0	0	0
EUn	W12	85	Computer (Instruc/PC Lab)	131.1249357	-0.652382979	0.025865041
EUn	W12	85	Hotel/Motel Guest Room	0	0	0
EUn	W12	85	Corridor	0	0	0
EUn	W12	96	Entire Building	529.9563344	-2.280952733	0.130520644
EUn	W12	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W12	96	Classroom / Lecture	609.6430962	-2.623927664	0.075016294
EUn	W12	96	Dining Area	0	0	0
EUn	W12	96	Office (General)	437.5132367	-1.883074035	0.102564917
EUn	W12	96	Kitchen and Food Prep	0	0	0
EUn	W12	96	Computer (Instruc/PC Lab)	215.6819307	-0.928303442	0.043099541
EUn	W12	96	Hotel/Motel Guest Room	0	0	0
EUn	W12	96	Corridor	0	0	0
EUn	W12	03	Entire Building	521.1262678	-1.292961021	0.119966257
EUn	W12	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W12	03	Classroom / Lecture	599.5584599	-1.487558325	0.073121496
EUn	W12	03	Dining Area	0	0	0
EUn	W12	03	Office (General)	430.0815827	-1.067070989	0.100086848
EUn	W12	03	Kitchen and Food Prep	0	0	0
EUn	W12	03	Computer (Instruc/PC Lab)	212.0078011	-0.526010374	0.041978927
EUn	W12	03	Hotel/Motel Guest Room	0	0	0
EUn	W12	03	Corridor	0	0	0
EUn	W13	75	Entire Building	270.3955474	-6.445861908	0.047691674
EUn	W13	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W13	75	Classroom / Lecture	300.941285	-7.174030727	0.040347221
EUn	W13	75	Dining Area	0	0	0
EUn	W13	75	Office (General)	232.2511505	-5.53655139	0.059001815
EUn	W13	75	Kitchen and Food Prep	0	0	0
EUn	W13	75	Computer (Instruc/PC Lab)	105.4583508	-2.513983581	0.023176892
EUn	W13	75	Hotel/Motel Guest Room	0	0	0
EUn	W13	75	Corridor	0	0	0
EUn	W13	85	Entire Building	342.571171	-1.364415803	0.056348286
EUn	W13	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W13	85	Classroom / Lecture	381.2864356	-1.518613597	0.04502457
EUn	W13	85	Dining Area	0	0	0
EUn	W13	85	Office (General)	294.045748	-1.171145442	0.06587874
EUn	W13	85	Kitchen and Food Prep	0	0	0
EUn	W13	85	Computer (Instruc/PC Lab)	133.963969	-0.533560824	0.025865041
EUn	W13	85	Hotel/Motel Guest Room	0	0	0
EUn	W13	85	Corridor	0	0	0
EUn	W13	96	Entire Building	542.2094822	-2.093286788	0.097895342
EUn	W13	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W13	96	Classroom / Lecture	623.7386858	-2.408043372	0.075016294
EUn	W13	96	Dining Area	0	0	0
EUn	W13	96	Office (General)	447.6290029	-1.728143657	0.102564917
EUn	W13	96	Kitchen and Food Prep	0	0	0
EUn	W13	96	Computer (Instruc/PC Lab)	220.6687238	-0.851927049	0.043099541

## Lighting Occ Sensor db

EUn	W13	96	Hotel/Motel Guest Room	0	0	0
EUn	W13	96	Corridor	0	0	0
EUn	W13	03	Entire Building	525.7840957	-1.001597736	0.108391418
EUn	W13	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W13	03	Classroom / Lecture	604.9173149	-1.152343363	0.073121496
EUn	W13	03	Dining Area	0	0	0
EUn	W13	03	Office (General)	433.925653	-0.826611066	0.100086848
EUn	W13	03	Kitchen and Food Prep	0	0	0
EUn	W13	03	Computer (Instruc/PC Lab)	213.9027274	-0.407476166	0.041978927
EUn	W13	03	Hotel/Motel Guest Room	0	0	0
EUn	W13	03	Corridor	0	0	0
EUn	W14	75	Entire Building	266.9867186	-7.151566832	0.049331832
EUn	W14	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W14	75	Classroom / Lecture	297.1473715	-7.959456924	0.040347221
EUn	W14	75	Dining Area	0	0	0
EUn	W14	75	Office (General)	229.3232013	-6.142703311	0.059001815
EUn	W14	75	Kitchen and Food Prep	0	0	0
EUn	W14	75	Computer (Instruc/PC Lab)	104.1288561	-2.789219168	0.023176892
EUn	W14	75	Hotel/Motel Guest Room	0	0	0
EUn	W14	75	Corridor	0	0	0
EUn	W14	85	Entire Building	341.7240294	-1.616815738	0.072749427
EUn	W14	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W14	85	Classroom / Lecture	380.3435554	-1.799538204	0.04502457
EUn	W14	85	Dining Area	0	0	0
EUn	W14	85	Office (General)	293.3186046	-1.387792766	0.06587874
EUn	W14	85	Kitchen and Food Prep	0	0	0
EUn	W14	85	Computer (Instruc/PC Lab)	133.6326906	-0.632262933	0.025865041
EUn	W14	85	Hotel/Motel Guest Room	0	0	0
EUn	W14	85	Corridor	0	0	0
EUn	W14	96	Entire Building	531.2751274	-3.010818733	0.125360074
EUn	W14	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W14	96	Classroom / Lecture	611.1601893	-3.463539796	0.075016294
EUn	W14	96	Dining Area	0	0	0
EUn	W14	96	Office (General)	438.6019856	-2.485625632	0.102564917
EUn	W14	96	Kitchen and Food Prep	0	0	0
EUn	W14	96	Computer (Instruc/PC Lab)	216.2186538	-1.225344722	0.043099541
EUn	W14	96	Hotel/Motel Guest Room	0	0	0
EUn	W14	96	Corridor	0	0	0
EUn	W14	03	Entire Building	519.0160707	-1.770046533	0.116525877
EUn	W14	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W14	03	Classroom / Lecture	597.1306672	-2.036447668	0.073121496
EUn	W14	03	Dining Area	0	0	0
EUn	W14	03	Office (General)	428.3400529	-1.460806068	0.100086848
EUn	W14	03	Kitchen and Food Prep	0	0	0
EUn	W14	03	Computer (Instruc/PC Lab)	211.1493177	-0.720101243	0.041978927
EUn	W14	03	Hotel/Motel Guest Room	0	0	0
EUn	W14	03	Corridor	0	0	0
EUn	W15	75	Entire Building	271.8347168	-5.955005811	0.047850527
EUn	W15	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W15	75	Classroom / Lecture	302.5430329	-6.627724155	0.040347221
EUn	W15	75	Dining Area	0	0	0
EUn	W15	75	Office (General)	233.4872979	-5.114939813	0.059001815
EUn	W15	75	Kitchen and Food Prep	0	0	0
EUn	W15	75	Computer (Instruc/PC Lab)	106.0196486	-2.322542283	0.023176892
EUn	W15	75	Hotel/Motel Guest Room	0	0	0
EUn	W15	75	Corridor	0	0	0
EUn	W15	85	Entire Building	356.4819992	-0.947761756	0.055581378
EUn	W15	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W15	85	Classroom / Lecture	396.7693792	-1.054871899	0.04502457
EUn	W15	85	Dining Area	0	0	0
EUn	W15	85	Office (General)	305.9860986	-0.813510704	0.06587874
EUn	W15	85	Kitchen and Food Prep	0	0	0
EUn	W15	85	Computer (Instruc/PC Lab)	139.4038598	-0.37062642	0.025865041
EUn	W15	85	Hotel/Motel Guest Room	0	0	0
EUn	W15	85	Corridor	0	0	0

Lighting Occ Sensor db

EUn	W15	96	Entire Building	558.6775333	-1.550309245	0.093939877
EUn	W15	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W15	96	Classroom / Lecture	642.6829516	-1.783421137	0.075016294
EUn	W15	96	Dining Area	0	0	0
EUn	W15	96	Office (General)	461.2244444	-1.279880571	0.102564917
EUn	W15	96	Kitchen and Food Prep	0	0	0
EUn	W15	96	Computer (Instruc/PC Lab)	227.3709006	-0.630945739	0.043099541
EUn	W15	96	Hotel/Motel Guest Room	0	0	0
EUn	W15	96	Corridor	0	0	0
EUn	W15	03	Entire Building	545.3309957	-0.147042245	0.082821812
EUn	W15	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W15	03	Classroom / Lecture	627.4061242	-0.169172861	0.073121496
EUn	W15	03	Dining Area	0	0	0
EUn	W15	03	Office (General)	450.0575623	-0.121352857	0.100086848
EUn	W15	03	Kitchen and Food Prep	0	0	0
EUn	W15	03	Computer (Instruc/PC Lab)	221.8549178	-0.059820633	0.041978927
EUn	W15	03	Hotel/Motel Guest Room	0	0	0
EUn	W15	03	Corridor	0	0	0
EUn	W16	75	Entire Building	263.9096148	-7.592781334	0.047691674
EUn	W16	75	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W16	75	Classroom / Lecture	293.7226569	-8.450514046	0.040347221
EUn	W16	75	Dining Area	0	0	0
EUn	W16	75	Office (General)	226.6801811	-6.521676177	0.059001815
EUn	W16	75	Kitchen and Food Prep	0	0	0
EUn	W16	75	Computer (Instruc/PC Lab)	102.9287391	-2.961299493	0.023176892
EUn	W16	75	Hotel/Motel Guest Room	0	0	0
EUn	W16	75	Corridor	0	0	0
EUn	W16	85	Entire Building	321.2705871	-3.109373046	0.069443959
EUn	W16	85	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W16	85	Classroom / Lecture	357.5785921	-3.460775063	0.04502457
EUn	W16	85	Dining Area	0	0	0
EUn	W16	85	Office (General)	275.7624053	-2.668928388	0.06587874
EUn	W16	85	Kitchen and Food Prep	0	0	0
EUn	W16	85	Computer (Instruc/PC Lab)	125.6342816	-1.215934059	0.025865041
EUn	W16	85	Hotel/Motel Guest Room	0	0	0
EUn	W16	85	Corridor	0	0	0
EUn	W16	96	Entire Building	499.0207939	-5.993453559	0.126254184
EUn	W16	96	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W16	96	Classroom / Lecture	574.0559403	-6.894657819	0.075016294
EUn	W16	96	Dining Area	0	0	0
EUn	W16	96	Office (General)	411.9739468	-4.947983627	0.102564917
EUn	W16	96	Kitchen and Food Prep	0	0	0
EUn	W16	96	Computer (Instruc/PC Lab)	203.0917668	-2.439219142	0.043099541
EUn	W16	96	Hotel/Motel Guest Room	0	0	0
EUn	W16	96	Corridor	0	0	0
EUn	W16	03	Entire Building	487.2248862	-4.675612951	0.117021525
EUn	W16	03	Comm/Ind Work (Gen, Low)	0	0	0
EUn	W16	03	Classroom / Lecture	560.5547454	-5.379316825	0.073121496
EUn	W16	03	Dining Area	0	0	0
EUn	W16	03	Office (General)	402.1030279	-3.858748143	0.100086848
EUn	W16	03	Kitchen and Food Prep	0	0	0
EUn	W16	03	Computer (Instruc/PC Lab)	198.2158321	-1.902161687	0.041978927
EUn	W16	03	Hotel/Motel Guest Room	0	0	0
EUn	W16	03	Corridor	0	0	0
Htl	W01	75	Entire Building	877.8862175	-2.6872647	0.014778677
Htl	W01	75	Laundry	0	0	0
Htl	W01	75	Office (General)	1123.124412	-3.437954173	0.0504055
Htl	W01	75	Lobby (Hotel)	0	0	0
Htl	W01	75	Dining Area	0	0	0
Htl	W01	75	Bar, Cocktail Lounge	0	0	0
Htl	W01	75	Kitchen and Food Prep	0	0	0
Htl	W01	75	Corridor	1526.434628	-4.672512006	0.048599974
Htl	W01	75	Hotel/Motel Guest Room	707.2047268	-2.164797966	0
Htl	W01	85	Entire Building	836.4295002	-0.507334684	0
Htl	W01	85	Laundry	0	0	0

## Lighting Occ Sensor db

Htl	W01	85	Office (General)	1088.03295	-0.659944267	0.050399355
Htl	W01	85	Lobby (Hotel)	0	0	0
Htl	W01	85	Dining Area	0	0	0
Htl	W01	85	Bar, Cocktail Lounge	0	0	0
Htl	W01	85	Kitchen and Food Prep	0	0	0
Htl	W01	85	Corridor	1478.78726	-0.896955532	0.04859626
Htl	W01	85	Hotel/Motel Guest Room	685.0772911	-0.415532297	0
Htl	W01	96	Entire Building	799.7612865	-0.789404187	0
Htl	W01	96	Laundry	0	0	0
Htl	W01	96	Office (General)	1081.206753	-1.067204868	0.050391036
Htl	W01	96	Lobby (Hotel)	0	0	0
Htl	W01	96	Dining Area	0	0	0
Htl	W01	96	Bar, Cocktail Lounge	0	0	0
Htl	W01	96	Kitchen and Food Prep	0	0	0
Htl	W01	96	Corridor	1469.489401	-1.450459162	0.048594183
Htl	W01	96	Hotel/Motel Guest Room	680.8038657	-0.671987293	0
Htl	W01	03	Entire Building	794.0858918	-0.441342196	0
Htl	W01	03	Laundry	0	0	0
Htl	W01	03	Office (General)	1073.501788	-0.596637771	0.050391036
Htl	W01	03	Lobby (Hotel)	0	0	0
Htl	W01	03	Dining Area	0	0	0
Htl	W01	03	Bar, Cocktail Lounge	0	0	0
Htl	W01	03	Kitchen and Food Prep	0	0	0
Htl	W01	03	Corridor	1459.01743	-0.810902149	0.048602491
Htl	W01	03	Hotel/Motel Guest Room	675.9522773	-0.375685131	0
Htl	W02	75	Entire Building	891.45289	-2.518511636	0.047387224
Htl	W02	75	Laundry	0	0	0
Htl	W02	75	Office (General)	1140.480945	-3.22205981	0.0504055
Htl	W02	75	Lobby (Hotel)	0	0	0
Htl	W02	75	Dining Area	0	0	0
Htl	W02	75	Bar, Cocktail Lounge	0	0	0
Htl	W02	75	Kitchen and Food Prep	0	0	0
Htl	W02	75	Corridor	1550.023833	-4.3790907	0.048599974
Htl	W02	75	Hotel/Motel Guest Room	718.1337227	-2.028854421	0
Htl	W02	85	Entire Building	843.5474405	-0.603928589	0
Htl	W02	85	Laundry	0	0	0
Htl	W02	85	Office (General)	1097.292013	-0.785594248	0.050399355
Htl	W02	85	Lobby (Hotel)	0	0	0
Htl	W02	85	Dining Area	0	0	0
Htl	W02	85	Bar, Cocktail Lounge	0	0	0
Htl	W02	85	Kitchen and Food Prep	0	0	0
Htl	W02	85	Corridor	1491.371607	-1.067731234	0.04859626
Htl	W02	85	Hotel/Motel Guest Room	690.9072376	-0.4946475	0
Htl	W02	96	Entire Building	799.5190853	-0.701442591	0
Htl	W02	96	Laundry	0	0	0
Htl	W02	96	Office (General)	1080.879319	-0.948288544	0.050391036
Htl	W02	96	Lobby (Hotel)	0	0	0
Htl	W02	96	Dining Area	0	0	0
Htl	W02	96	Bar, Cocktail Lounge	0	0	0
Htl	W02	96	Kitchen and Food Prep	0	0	0
Htl	W02	96	Corridor	1469.044378	-1.288837644	0.048594183
Htl	W02	96	Hotel/Motel Guest Room	680.5976898	-0.597109207	0
Htl	W02	03	Entire Building	803.7456093	-0.609185195	0
Htl	W02	03	Laundry	0	0	0
Htl	W02	03	Office (General)	1086.560481	-0.823539876	0.050391036
Htl	W02	03	Lobby (Hotel)	0	0	0
Htl	W02	03	Dining Area	0	0	0
Htl	W02	03	Bar, Cocktail Lounge	0	0	0
Htl	W02	03	Kitchen and Food Prep	0	0	0
Htl	W02	03	Corridor	1476.765758	-1.11928927	0.048602491
Htl	W02	03	Hotel/Motel Guest Room	684.1749496	-0.518558665	0
Htl	W03	75	Entire Building	901.7888447	-2.501465872	0.047012217
Htl	W03	75	Laundry	0	0	0
Htl	W03	75	Office (General)	1153.704256	-3.200252299	0.0504055
Htl	W03	75	Lobby (Hotel)	0	0	0



## Lighting Occ Sensor db

Htl	W03	75	Dining Area	0	0	0
Htl	W03	75	Bar, Cocktail Lounge	0	0	0
Htl	W03	75	Kitchen and Food Prep	0	0	0
Htl	W03	75	Corridor	1567.995592	-4.349452184	0.048599974
Htl	W03	75	Hotel/Motel Guest Room	726.4601275	-2.015122749	0
Htl	W03	85	Entire Building	848.3852254	-0.349972332	0
Htl	W03	85	Laundry	0	0	0
Htl	W03	85	Office (General)	1103.585035	-0.455246292	0.050399355
Htl	W03	85	Lobby (Hotel)	0	0	0
Htl	W03	85	Dining Area	0	0	0
Htl	W03	85	Bar, Cocktail Lounge	0	0	0
Htl	W03	85	Kitchen and Food Prep	0	0	0
Htl	W03	85	Corridor	1499.924695	-0.618742674	0.04859626
Htl	W03	85	Hotel/Motel Guest Room	694.8696236	-0.286644716	0
Htl	W03	96	Entire Building	806.2832605	-0.703999614	0
Htl	W03	96	Laundry	0	0	0
Htl	W03	96	Office (General)	1090.023887	-0.951745414	0.050391036
Htl	W03	96	Lobby (Hotel)	0	0	0
Htl	W03	96	Dining Area	0	0	0
Htl	W03	96	Bar, Cocktail Lounge	0	0	0
Htl	W03	96	Kitchen and Food Prep	0	0	0
Htl	W03	96	Corridor	1481.472941	-1.293535944	0.048594183
Htl	W03	96	Hotel/Motel Guest Room	686.3557537	-0.599285895	0
Htl	W03	03	Entire Building	821.1155699	-0.115168323	0
Htl	W03	03	Laundry	0	0	0
Htl	W03	03	Office (General)	1110.042429	-0.15569273	0.050391036
Htl	W03	03	Lobby (Hotel)	0	0	0
Htl	W03	03	Dining Area	0	0	0
Htl	W03	03	Bar, Cocktail Lounge	0	0	0
Htl	W03	03	Kitchen and Food Prep	0	0	0
Htl	W03	03	Corridor	1508.680536	-0.211605057	0.048602491
Htl	W03	03	Hotel/Motel Guest Room	698.9608368	-0.0980351	0
Htl	W04	75	Entire Building	908.3472024	-2.442657986	0.131704096
Htl	W04	75	Laundry	0	0	0
Htl	W04	75	Office (General)	1162.094696	-3.125016384	0.0504055
Htl	W04	75	Lobby (Hotel)	0	0	0
Htl	W04	75	Dining Area	0	0	0
Htl	W04	75	Bar, Cocktail Lounge	0	0	0
Htl	W04	75	Kitchen and Food Prep	0	0	0
Htl	W04	75	Corridor	1579.399011	-4.247199305	0.048599974
Htl	W04	75	Hotel/Motel Guest Room	731.743388	-1.967748484	0
Htl	W04	85	Entire Building	862.5852034	-0.446373626	0
Htl	W04	85	Laundry	0	0	0
Htl	W04	85	Office (General)	1122.05646	-0.580645725	0.050399355
Htl	W04	85	Lobby (Hotel)	0	0	0
Htl	W04	85	Dining Area	0	0	0
Htl	W04	85	Bar, Cocktail Lounge	0	0	0
Htl	W04	85	Kitchen and Food Prep	0	0	0
Htl	W04	85	Corridor	1525.029915	-0.789177846	0.04859626
Htl	W04	85	Hotel/Motel Guest Room	706.5001107	-0.365602163	0
Htl	W04	96	Entire Building	819.1950409	-0.475913149	0
Htl	W04	96	Laundry	0	0	0
Htl	W04	96	Office (General)	1107.479476	-0.643392621	0.050391036
Htl	W04	96	Lobby (Hotel)	0	0	0
Htl	W04	96	Dining Area	0	0	0
Htl	W04	96	Bar, Cocktail Lounge	0	0	0
Htl	W04	96	Kitchen and Food Prep	0	0	0
Htl	W04	96	Corridor	1505.197176	-0.874447588	0.048594183
Htl	W04	96	Hotel/Motel Guest Room	697.347021	-0.405125275	0
Htl	W04	03	Entire Building	824.2436274	-0.283625008	0
Htl	W04	03	Laundry	0	0	0
Htl	W04	03	Office (General)	1114.27116	-0.383424459	0.050391036
Htl	W04	03	Lobby (Hotel)	0	0	0
Htl	W04	03	Dining Area	0	0	0
Htl	W04	03	Bar, Cocktail Lounge	0	0	0



Lighting Occ Sensor db

Htl	W04	03	Kitchen and Food Prep	0	0	0
Htl	W04	03	Corridor	1514.427887	-0.521119736	0.048602491
Htl	W04	03	Hotel/Motel Guest Room	701.6235432	-0.241431024	0
Htl	W05	75	Entire Building	911.634478	-2.429021375	0
Htl	W05	75	Laundry	0	0	0
Htl	W05	75	Office (General)	1166.300275	-3.107570375	0.0504055
Htl	W05	75	Lobby (Hotel)	0	0	0
Htl	W05	75	Dining Area	0	0	0
Htl	W05	75	Bar, Cocktail Lounge	0	0	0
Htl	W05	75	Kitchen and Food Prep	0	0	0
Htl	W05	75	Corridor	1585.114799	-4.223488492	0.048599974
Htl	W05	75	Hotel/Motel Guest Room	734.3915408	-1.956763147	0
Htl	W05	85	Entire Building	860.6151886	-0.290744763	0
Htl	W05	85	Laundry	0	0	0
Htl	W05	85	Office (General)	1119.493851	-0.378202684	0.050399355
Htl	W05	85	Lobby (Hotel)	0	0	0
Htl	W05	85	Dining Area	0	0	0
Htl	W05	85	Bar, Cocktail Lounge	0	0	0
Htl	W05	85	Kitchen and Food Prep	0	0	0
Htl	W05	85	Corridor	1521.546976	-0.514029756	0.04859626
Htl	W05	85	Hotel/Motel Guest Room	704.8865707	-0.238134397	0
Htl	W05	96	Entire Building	814.5273793	-0.590979191	0
Htl	W05	96	Laundry	0	0	0
Htl	W05	96	Office (General)	1101.169209	-0.798951766	0.050391036
Htl	W05	96	Lobby (Hotel)	0	0	0
Htl	W05	96	Dining Area	0	0	0
Htl	W05	96	Bar, Cocktail Lounge	0	0	0
Htl	W05	96	Kitchen and Food Prep	0	0	0
Htl	W05	96	Corridor	1496.620767	-1.085871086	0.048594183
Htl	W05	96	Hotel/Motel Guest Room	693.3736327	-0.503076261	0
Htl	W05	03	Entire Building	829.75391	-0.145341196	0
Htl	W05	03	Laundry	0	0	0
Htl	W05	03	Office (General)	1121.720352	-0.196482566	0.050391036
Htl	W05	03	Lobby (Hotel)	0	0	0
Htl	W05	03	Dining Area	0	0	0
Htl	W05	03	Bar, Cocktail Lounge	0	0	0
Htl	W05	03	Kitchen and Food Prep	0	0	0
Htl	W05	03	Corridor	1524.552231	-0.267043327	0.048602491
Htl	W05	03	Hotel/Motel Guest Room	706.3140787	-0.123719252	0
Htl	W06	75	Entire Building	932.057434	-2.365952048	0.139195709
Htl	W06	75	Laundry	0	0	0
Htl	W06	75	Office (General)	1192.428399	-3.026882583	0.0504055
Htl	W06	75	Lobby (Hotel)	0	0	0
Htl	W06	75	Dining Area	0	0	0
Htl	W06	75	Bar, Cocktail Lounge	0	0	0
Htl	W06	75	Kitchen and Food Prep	0	0	0
Htl	W06	75	Corridor	1620.625445	-4.113825984	0.048599974
Htl	W06	75	Hotel/Motel Guest Room	750.8437994	-1.905955963	0.109238415
Htl	W06	85	Entire Building	893.7748262	-0.40554031	0.135790035
Htl	W06	85	Laundry	0	0	0
Htl	W06	85	Office (General)	1162.628124	-0.527529481	0.050399355
Htl	W06	85	Lobby (Hotel)	0	0	0
Htl	W06	85	Dining Area	0	0	0
Htl	W06	85	Bar, Cocktail Lounge	0	0	0
Htl	W06	85	Kitchen and Food Prep	0	0	0
Htl	W06	85	Corridor	1580.172418	-0.716985525	0.04859626
Htl	W06	85	Hotel/Motel Guest Room	732.0459604	-0.33215765	0
Htl	W06	96	Entire Building	841.4540297	-0.274215163	0.035031217
Htl	W06	96	Laundry	0	0	0
Htl	W06	96	Office (General)	1137.571667	-0.370714725	0.050391036
Htl	W06	96	Lobby (Hotel)	0	0	0
Htl	W06	96	Dining Area	0	0	0
Htl	W06	96	Bar, Cocktail Lounge	0	0	0
Htl	W06	96	Kitchen and Food Prep	0	0	0
Htl	W06	96	Corridor	1546.096065	-0.503845687	0.048594183

## Lighting Occ Sensor db

Htl	W06	96	Hotel/Motel Guest Room	716.295182	-0.233428082	0
Htl	W06	03	Entire Building	846.3777312	0.115679727	0.134264172
Htl	W06	03	Laundry	0	0	0
Htl	W06	03	Office (General)	1144.193616	0.156384083	0.050391036
Htl	W06	03	Lobby (Hotel)	0	0	0
Htl	W06	03	Dining Area	0	0	0
Htl	W06	03	Bar, Cocktail Lounge	0	0	0
Htl	W06	03	Kitchen and Food Prep	0	0	0
Htl	W06	03	Corridor	1555.096086	0.212544688	0.048602491
Htl	W06	03	Hotel/Motel Guest Room	720.4648273	0.098470425	0
Htl	W07	75	Entire Building	930.4440525	-2.22276763	0.146175949
Htl	W07	75	Laundry	0	0	0
Htl	W07	75	Office (General)	1190.364319	-2.843699487	0.0504055
Htl	W07	75	Lobby (Hotel)	0	0	0
Htl	W07	75	Dining Area	0	0	0
Htl	W07	75	Bar, Cocktail Lounge	0	0	0
Htl	W07	75	Kitchen and Food Prep	0	0	0
Htl	W07	75	Corridor	1617.82016	-3.864862452	0.048599974
Htl	W07	75	Hotel/Motel Guest Room	749.5440967	-1.790609925	0
Htl	W07	85	Entire Building	890.5983988	-0.210137487	0.142319513
Htl	W07	85	Laundry	0	0	0
Htl	W07	85	Office (General)	1158.496207	-0.273348214	0.050399355
Htl	W07	85	Lobby (Hotel)	0	0	0
Htl	W07	85	Dining Area	0	0	0
Htl	W07	85	Bar, Cocktail Lounge	0	0	0
Htl	W07	85	Kitchen and Food Prep	0	0	0
Htl	W07	85	Corridor	1574.556571	-0.371518028	0.04859626
Htl	W07	85	Hotel/Motel Guest Room	729.4443086	-0.172113036	0
Htl	W07	96	Entire Building	840.0699642	-0.13582907	0
Htl	W07	96	Laundry	0	0	0
Htl	W07	96	Office (General)	1135.700532	-0.183628928	0.050391036
Htl	W07	96	Lobby (Hotel)	0	0	0
Htl	W07	96	Dining Area	0	0	0
Htl	W07	96	Bar, Cocktail Lounge	0	0	0
Htl	W07	96	Kitchen and Food Prep	0	0	0
Htl	W07	96	Corridor	1543.552969	-0.249573694	0.048594183
Htl	W07	96	Hotel/Motel Guest Room	715.116984	-0.115625696	0
Htl	W07	03	Entire Building	838.63394	0.039889561	0.133006116
Htl	W07	03	Laundry	0	0	0
Htl	W07	03	Office (General)	1133.725008	0.053925546	0.050391036
Htl	W07	03	Lobby (Hotel)	0	0	0
Htl	W07	03	Dining Area	0	0	0
Htl	W07	03	Bar, Cocktail Lounge	0	0	0
Htl	W07	03	Kitchen and Food Prep	0	0	0
Htl	W07	03	Corridor	1540.867995	0.073291272	0.048602491
Htl	W07	03	Hotel/Motel Guest Room	713.8730551	0.033955319	0
Htl	W08	75	Entire Building	929.6780158	-2.219358477	0.122098808
Htl	W08	75	Laundry	0	0	0
Htl	W08	75	Office (General)	1189.384289	-2.839337985	0.0504055
Htl	W08	75	Lobby (Hotel)	0	0	0
Htl	W08	75	Dining Area	0	0	0
Htl	W08	75	Bar, Cocktail Lounge	0	0	0
Htl	W08	75	Kitchen and Food Prep	0	0	0
Htl	W08	75	Corridor	1616.488205	-3.858934749	0.048599974
Htl	W08	75	Hotel/Motel Guest Room	748.9269954	-1.787863591	0
Htl	W08	85	Entire Building	889.7580414	-0.158806928	0.12160431
Htl	W08	85	Laundry	0	0	0
Htl	W08	85	Office (General)	1157.403064	-0.206577087	0.050399355
Htl	W08	85	Lobby (Hotel)	0	0	0
Htl	W08	85	Dining Area	0	0	0
Htl	W08	85	Bar, Cocktail Lounge	0	0	0
Htl	W08	85	Kitchen and Food Prep	0	0	0
Htl	W08	85	Corridor	1573.070839	-0.280766832	0.04859626
Htl	W08	85	Hotel/Motel Guest Room	728.7560142	-0.130070759	0
Htl	W08	96	Entire Building	838.9595002	-0.241587547	0.005298152

## Lighting Occ Sensor db

Htl	W08	96	Laundry	0	0	0
Htl	W08	96	Office (General)	1134.199283	-0.326605066	0.050391036
Htl	W08	96	Lobby (Hotel)	0	0	0
Htl	W08	96	Dining Area	0	0	0
Htl	W08	96	Bar, Cocktail Lounge	0	0	0
Htl	W08	96	Kitchen and Food Prep	0	0	0
Htl	W08	96	Corridor	1541.512591	-0.44389538	0.048594183
Htl	W08	96	Hotel/Motel Guest Room	714.1716917	-0.205653535	0
Htl	W08	03	Entire Building	845.4470771	0.013807925	0.15084391
Htl	W08	03	Laundry	0	0	0
Htl	W08	03	Office (General)	1142.935491	0.018666535	0.050391036
Htl	W08	03	Lobby (Hotel)	0	0	0
Htl	W08	03	Dining Area	0	0	0
Htl	W08	03	Bar, Cocktail Lounge	0	0	0
Htl	W08	03	Kitchen and Food Prep	0	0	0
Htl	W08	03	Corridor	1553.386145	0.025370056	0.048602491
Htl	W08	03	Hotel/Motel Guest Room	719.6726236	0.011753764	0
Htl	W09	75	Entire Building	929.301901	-2.300325856	0.126829007
Htl	W09	75	Laundry	0	0	0
Htl	W09	75	Office (General)	1188.903106	-2.942923664	0.0504055
Htl	W09	75	Lobby (Hotel)	0	0	0
Htl	W09	75	Dining Area	0	0	0
Htl	W09	75	Bar, Cocktail Lounge	0	0	0
Htl	W09	75	Kitchen and Food Prep	0	0	0
Htl	W09	75	Corridor	1615.834231	-3.999717699	0.048599974
Htl	W09	75	Hotel/Motel Guest Room	748.624006	-1.853089029	0.158508785
Htl	W09	85	Entire Building	890.2717322	-0.233635904	0.125543184
Htl	W09	85	Laundry	0	0	0
Htl	W09	85	Office (General)	1158.071277	-0.303915108	0.050399355
Htl	W09	85	Lobby (Hotel)	0	0	0
Htl	W09	85	Dining Area	0	0	0
Htl	W09	85	Bar, Cocktail Lounge	0	0	0
Htl	W09	85	Kitchen and Food Prep	0	0	0
Htl	W09	85	Corridor	1573.979032	-0.413062665	0.04859626
Htl	W09	85	Hotel/Motel Guest Room	729.1767525	-0.191359406	0.152678213
Htl	W09	96	Entire Building	836.8744013	-0.227063656	0.164805256
Htl	W09	96	Laundry	0	0	0
Htl	W09	96	Office (General)	1131.380413	-0.306970045	0.050391036
Htl	W09	96	Lobby (Hotel)	0	0	0
Htl	W09	96	Dining Area	0	0	0
Htl	W09	96	Bar, Cocktail Lounge	0	0	0
Htl	W09	96	Kitchen and Food Prep	0	0	0
Htl	W09	96	Corridor	1537.681409	-0.417209036	0.048594183
Htl	W09	96	Hotel/Motel Guest Room	712.3967328	-0.193289944	0
Htl	W09	03	Entire Building	843.6352728	0.02649076	0.163250586
Htl	W09	03	Laundry	0	0	0
Htl	W09	03	Office (General)	1140.486166	0.035812093	0.050391036
Htl	W09	03	Lobby (Hotel)	0	0	0
Htl	W09	03	Dining Area	0	0	0
Htl	W09	03	Bar, Cocktail Lounge	0	0	0
Htl	W09	03	Kitchen and Food Prep	0	0	0
Htl	W09	03	Corridor	1550.057217	0.048672922	0.048602491
Htl	W09	03	Hotel/Motel Guest Room	718.1303556	0.022549814	0.145973507
Htl	W10	75	Entire Building	925.4384786	-2.322485349	0.10412405
Htl	W10	75	Laundry	0	0	0
Htl	W10	75	Office (General)	1183.960434	-2.971273429	0.0504055
Htl	W10	75	Lobby (Hotel)	0	0	0
Htl	W10	75	Dining Area	0	0	0
Htl	W10	75	Bar, Cocktail Lounge	0	0	0
Htl	W10	75	Kitchen and Food Prep	0	0	0
Htl	W10	75	Corridor	1609.116661	-4.038247769	0.048599974
Htl	W10	75	Hotel/Motel Guest Room	745.5117228	-1.870940202	0.075143816
Htl	W10	85	Entire Building	890.8485991	-0.22814652	0.12719
Htl	W10	85	Laundry	0	0	0
Htl	W10	85	Office (General)	1158.821669	-0.296774481	0.050399355

## Lighting Occ Sensor db

Htl	W10	85	Lobby (Hotel)	0	0	0
Htl	W10	85	Dining Area	0	0	0
Htl	W10	85	Bar, Cocktail Lounge	0	0	0
Htl	W10	85	Kitchen and Food Prep	0	0	0
Htl	W10	85	Corridor	1574.998919	-0.403357566	0.04859626
Htl	W10	85	Hotel/Motel Guest Room	729.6492351	-0.186863328	0
Htl	W10	96	Entire Building	843.9963244	-0.358596927	0.118645874
Htl	W10	96	Laundry	0	0	0
Htl	W10	96	Office (General)	1141.008625	-0.484791431	0.050391036
Htl	W10	96	Lobby (Hotel)	0	0	0
Htl	W10	96	Dining Area	0	0	0
Htl	W10	96	Bar, Cocktail Lounge	0	0	0
Htl	W10	96	Kitchen and Food Prep	0	0	0
Htl	W10	96	Corridor	1550.767302	-0.658889586	0.048594183
Htl	W10	96	Hotel/Motel Guest Room	718.4593328	-0.305258804	0
Htl	W10	03	Entire Building	841.7786694	-0.129589933	0.206914313
Htl	W10	03	Laundry	0	0	0
Htl	W10	03	Office (General)	1137.976277	-0.175188889	0.050391036
Htl	W10	03	Lobby (Hotel)	0	0	0
Htl	W10	03	Dining Area	0	0	0
Htl	W10	03	Bar, Cocktail Lounge	0	0	0
Htl	W10	03	Kitchen and Food Prep	0	0	0
Htl	W10	03	Corridor	1546.645979	-0.23810267	0.048602491
Htl	W10	03	Hotel/Motel Guest Room	716.5499532	-0.110311254	0
Htl	W11	75	Entire Building	894.5523213	-2.633570543	0.148144735
Htl	W11	75	Laundry	0	0	0
Htl	W11	75	Office (General)	1144.446204	-3.369260512	0.0504055
Htl	W11	75	Lobby (Hotel)	0	0	0
Htl	W11	75	Dining Area	0	0	0
Htl	W11	75	Bar, Cocktail Lounge	0	0	0
Htl	W11	75	Kitchen and Food Prep	0	0	0
Htl	W11	75	Corridor	1555.413005	-4.579150681	0.048599974
Htl	W11	75	Hotel/Motel Guest Room	720.6305525	-2.121543201	0
Htl	W11	85	Entire Building	848.9034425	-0.588230875	0.146219865
Htl	W11	85	Laundry	0	0	0
Htl	W11	85	Office (General)	1104.259136	-0.76517456	0.050399355
Htl	W11	85	Lobby (Hotel)	0	0	0
Htl	W11	85	Dining Area	0	0	0
Htl	W11	85	Bar, Cocktail Lounge	0	0	0
Htl	W11	85	Kitchen and Food Prep	0	0	0
Htl	W11	85	Corridor	1500.84089	-1.039978055	0.04859626
Htl	W11	85	Hotel/Motel Guest Room	695.2940691	-0.481790294	0
Htl	W11	96	Entire Building	808.8686564	-0.695203454	0.022205189
Htl	W11	96	Laundry	0	0	0
Htl	W11	96	Office (General)	1093.519115	-0.939853782	0.050391036
Htl	W11	96	Lobby (Hotel)	0	0	0
Htl	W11	96	Dining Area	0	0	0
Htl	W11	96	Bar, Cocktail Lounge	0	0	0
Htl	W11	96	Kitchen and Food Prep	0	0	0
Htl	W11	96	Corridor	1486.223373	-1.277373792	0.048594183
Htl	W11	96	Hotel/Motel Guest Room	688.5565948	-0.591798087	0
Htl	W11	03	Entire Building	805.7318026	-0.540452413	0.013091959
Htl	W11	03	Laundry	0	0	0
Htl	W11	03	Office (General)	1089.245559	-0.730622012	0.050391036
Htl	W11	03	Lobby (Hotel)	0	0	0
Htl	W11	03	Dining Area	0	0	0
Htl	W11	03	Bar, Cocktail Lounge	0	0	0
Htl	W11	03	Kitchen and Food Prep	0	0	0
Htl	W11	03	Corridor	1480.415099	-0.993002771	0.048602491
Htl	W11	03	Hotel/Motel Guest Room	685.8656633	-0.460051039	0
Htl	W12	75	Entire Building	898.1466763	-2.534705112	0.180864079
Htl	W12	75	Laundry	0	0	0
Htl	W12	75	Office (General)	1149.044645	-3.242776946	0.0504055
Htl	W12	75	Lobby (Hotel)	0	0	0
Htl	W12	75	Dining Area	0	0	0

Lighting Occ Sensor db

Htl	W12	75	Bar, Cocktail Lounge	0	0	0
Htl	W12	75	Kitchen and Food Prep	0	0	0
Htl	W12	75	Corridor	1561.66273	-4.40724729	0.048599974
Htl	W12	75	Hotel/Motel Guest Room	723.5260813	-2.041899508	0
Htl	W12	85	Entire Building	848.683193	-0.559050464	0.175824019
Htl	W12	85	Laundry	0	0	0
Htl	W12	85	Office (General)	1103.972634	-0.72721649	0.050399355
Htl	W12	85	Lobby (Hotel)	0	0	0
Htl	W12	85	Dining Area	0	0	0
Htl	W12	85	Bar, Cocktail Lounge	0	0	0
Htl	W12	85	Kitchen and Food Prep	0	0	0
Htl	W12	85	Corridor	1500.451494	-0.988387788	0.04859626
Htl	W12	85	Hotel/Motel Guest Room	695.1136739	-0.457890088	0
Htl	W12	96	Entire Building	810.3061125	-0.635471393	0
Htl	W12	96	Laundry	0	0	0
Htl	W12	96	Office (General)	1095.462428	-0.859101301	0.050391036
Htl	W12	96	Lobby (Hotel)	0	0	0
Htl	W12	96	Dining Area	0	0	0
Htl	W12	96	Bar, Cocktail Lounge	0	0	0
Htl	W12	96	Kitchen and Food Prep	0	0	0
Htl	W12	96	Corridor	1488.864569	-1.167621505	0.048594183
Htl	W12	96	Hotel/Motel Guest Room	689.780242	-0.540950642	0
Htl	W12	03	Entire Building	808.2399355	-0.465173652	0
Htl	W12	03	Laundry	0	0	0
Htl	W12	03	Office (General)	1092.636231	-0.628854828	0.050391036
Htl	W12	03	Lobby (Hotel)	0	0	0
Htl	W12	03	Dining Area	0	0	0
Htl	W12	03	Bar, Cocktail Lounge	0	0	0
Htl	W12	03	Kitchen and Food Prep	0	0	0
Htl	W12	03	Corridor	1485.023429	-0.854688986	0.048602491
Htl	W12	03	Hotel/Motel Guest Room	688.0006693	-0.395971257	0
Htl	W13	75	Entire Building	907.300422	-2.48356782	0.114581626
Htl	W13	75	Laundry	0	0	0
Htl	W13	75	Office (General)	1160.755497	-3.177354412	0.0504055
Htl	W13	75	Lobby (Hotel)	0	0	0
Htl	W13	75	Dining Area	0	0	0
Htl	W13	75	Bar, Cocktail Lounge	0	0	0
Htl	W13	75	Kitchen and Food Prep	0	0	0
Htl	W13	75	Corridor	1577.57891	-4.318331743	0.048599974
Htl	W13	75	Hotel/Motel Guest Room	730.9001261	-2.000704495	0
Htl	W13	85	Entire Building	871.3961469	-0.470353568	0.103816779
Htl	W13	85	Laundry	0	0	0
Htl	W13	85	Office (General)	1133.517792	-0.61183899	0.050399355
Htl	W13	85	Lobby (Hotel)	0	0	0
Htl	W13	85	Dining Area	0	0	0
Htl	W13	85	Bar, Cocktail Lounge	0	0	0
Htl	W13	85	Kitchen and Food Prep	0	0	0
Htl	W13	85	Corridor	1540.607451	-0.831573808	0.04859626
Htl	W13	85	Hotel/Motel Guest Room	713.7167109	-0.385242926	0
Htl	W13	96	Entire Building	824.2233758	-0.441137634	0.006975559
Htl	W13	96	Laundry	0	0	0
Htl	W13	96	Office (General)	1114.277342	-0.596379191	0.050391036
Htl	W13	96	Lobby (Hotel)	0	0	0
Htl	W13	96	Dining Area	0	0	0
Htl	W13	96	Bar, Cocktail Lounge	0	0	0
Htl	W13	96	Kitchen and Food Prep	0	0	0
Htl	W13	96	Corridor	1514.436288	-0.810550708	0.048594183
Htl	W13	96	Hotel/Motel Guest Room	701.6274355	-0.375522311	0
Htl	W13	03	Entire Building	820.4426637	-0.428454799	0
Htl	W13	03	Laundry	0	0	0
Htl	W13	03	Office (General)	1109.132747	-0.579215671	0.050391036
Htl	W13	03	Lobby (Hotel)	0	0	0
Htl	W13	03	Dining Area	0	0	0
Htl	W13	03	Bar, Cocktail Lounge	0	0	0
Htl	W13	03	Kitchen and Food Prep	0	0	0

## Lighting Occ Sensor db

Htl	W13	03	Corridor	1507.444169	-0.787223431	0.048602491
Htl	W13	03	Hotel/Motel Guest Room	698.3880367	-0.364714951	0
Htl	W14	75	Entire Building	898.8970308	-2.616524779	0.050208298
Htl	W14	75	Laundry	0	0	0
Htl	W14	75	Office (General)	1150.004612	-3.347453001	0.0504055
Htl	W14	75	Lobby (Hotel)	0	0	0
Htl	W14	75	Dining Area	0	0	0
Htl	W14	75	Bar, Cocktail Lounge	0	0	0
Htl	W14	75	Kitchen and Food Prep	0	0	0
Htl	W14	75	Corridor	1562.967418	-4.549512165	0.048599974
Htl	W14	75	Hotel/Motel Guest Room	724.1305495	-2.10781153	0
Htl	W14	85	Entire Building	868.5781666	-0.554235214	0.049308155
Htl	W14	85	Laundry	0	0	0
Htl	W14	85	Office (General)	1129.852145	-0.720952782	0.050399355
Htl	W14	85	Lobby (Hotel)	0	0	0
Htl	W14	85	Dining Area	0	0	0
Htl	W14	85	Bar, Cocktail Lounge	0	0	0
Htl	W14	85	Kitchen and Food Prep	0	0	0
Htl	W14	85	Corridor	1535.62533	-0.979874542	0.04859626
Htl	W14	85	Hotel/Motel Guest Room	711.4086451	-0.453946159	0
Htl	W14	96	Entire Building	814.0313884	-0.676486045	0.006985787
Htl	W14	96	Laundry	0	0	0
Htl	W14	96	Office (General)	1100.498673	-0.914549494	0.050391036
Htl	W14	96	Lobby (Hotel)	0	0	0
Htl	W14	96	Dining Area	0	0	0
Htl	W14	96	Bar, Cocktail Lounge	0	0	0
Htl	W14	96	Kitchen and Food Prep	0	0	0
Htl	W14	96	Corridor	1495.709429	-1.242982236	0.048594183
Htl	W14	96	Hotel/Motel Guest Room	692.9514161	-0.575864726	0
Htl	W14	03	Entire Building	807.3722864	-0.661757591	0.011404323
Htl	W14	03	Laundry	0	0	0
Htl	W14	03	Office (General)	1091.463281	-0.89461098	0.050391036
Htl	W14	03	Lobby (Hotel)	0	0	0
Htl	W14	03	Dining Area	0	0	0
Htl	W14	03	Bar, Cocktail Lounge	0	0	0
Htl	W14	03	Kitchen and Food Prep	0	0	0
Htl	W14	03	Corridor	1483.42925	-1.215883408	0.048602491
Htl	W14	03	Hotel/Motel Guest Room	687.2620976	-0.563310034	0
Htl	W15	75	Entire Building	952.3077165	-2.014809309	0.048750885
Htl	W15	75	Laundry	0	0	0
Htl	W15	75	Office (General)	1218.335614	-2.577647848	0.0504055
Htl	W15	75	Lobby (Hotel)	0	0	0
Htl	W15	75	Dining Area	0	0	0
Htl	W15	75	Bar, Cocktail Lounge	0	0	0
Htl	W15	75	Kitchen and Food Prep	0	0	0
Htl	W15	75	Corridor	1655.835854	-3.50327256	0.048599974
Htl	W15	75	Hotel/Motel Guest Room	767.1569561	-1.623083537	0.043457891
Htl	W15	85	Entire Building	927.5847152	-0.08994886	0.047728753
Htl	W15	85	Laundry	0	0	0
Htl	W15	85	Office (General)	1206.608248	-0.117006064	0.050399355
Htl	W15	85	Lobby (Hotel)	0	0	0
Htl	W15	85	Dining Area	0	0	0
Htl	W15	85	Bar, Cocktail Lounge	0	0	0
Htl	W15	85	Kitchen and Food Prep	0	0	0
Htl	W15	85	Corridor	1639.94749	-0.159027424	0.04859626
Htl	W15	85	Hotel/Motel Guest Room	759.7379381	-0.073672583	0.042143864
Htl	W15	96	Entire Building	871.6488933	-0.152194018	0.045750258
Htl	W15	96	Laundry	0	0	0
Htl	W15	96	Office (General)	1178.39246	-0.205752895	0.050391036
Htl	W15	96	Lobby (Hotel)	0	0	0
Htl	W15	96	Dining Area	0	0	0
Htl	W15	96	Bar, Cocktail Lounge	0	0	0
Htl	W15	96	Kitchen and Food Prep	0	0	0
Htl	W15	96	Corridor	1601.576409	-0.279642813	0.048594183
Htl	W15	96	Hotel/Motel Guest Room	741.9988265	-0.129556503	0.041260684

## Lighting Occ Sensor db

Htl	W15	03	Entire Building	865.2300492	-0.046128698	0.045422959
Htl	W15	03	Laundry	0	0	0
Htl	W15	03	Office (General)	1169.67952	-0.062360054	0.050391036
Htl	W15	03	Lobby (Hotel)	0	0	0
Htl	W15	03	Dining Area	0	0	0
Htl	W15	03	Bar, Cocktail Lounge	0	0	0
Htl	W15	03	Kitchen and Food Prep	0	0	0
Htl	W15	03	Corridor	1589.734481	-0.084754779	0.048602491
Htl	W15	03	Hotel/Motel Guest Room	736.5125463	-0.039266279	0.040477017
Htl	W16	75	Entire Building	846.7555728	-3.005168199	0.003434721
Htl	W16	75	Laundry	0	0	0
Htl	W16	75	Office (General)	1083.297397	-3.844664261	0.0504055
Htl	W16	75	Lobby (Hotel)	0	0	0
Htl	W16	75	Dining Area	0	0	0
Htl	W16	75	Bar, Cocktail Lounge	0	0	0
Htl	W16	75	Kitchen and Food Prep	0	0	0
Htl	W16	75	Corridor	1472.305866	-5.225270324	0.048599974
Htl	W16	75	Hotel/Motel Guest Room	682.1266031	-2.420893634	0
Htl	W16	85	Entire Building	811.5490388	-1.403356306	0
Htl	W16	85	Laundry	0	0	0
Htl	W16	85	Office (General)	1055.668284	-1.825495037	0.050399355
Htl	W16	85	Lobby (Hotel)	0	0	0
Htl	W16	85	Dining Area	0	0	0
Htl	W16	85	Bar, Cocktail Lounge	0	0	0
Htl	W16	85	Kitchen and Food Prep	0	0	0
Htl	W16	85	Corridor	1434.799202	-2.481100231	0.04859626
Htl	W16	85	Hotel/Motel Guest Room	664.6989578	-1.149418494	0
Htl	W16	96	Entire Building	761.5347826	-1.550681119	0
Htl	W16	96	Laundry	0	0	0
Htl	W16	96	Office (General)	1029.496883	-2.09632103	0.050391036
Htl	W16	96	Lobby (Hotel)	0	0	0
Htl	W16	96	Dining Area	0	0	0
Htl	W16	96	Bar, Cocktail Lounge	0	0	0
Htl	W16	96	Kitchen and Food Prep	0	0	0
Htl	W16	96	Corridor	1399.209497	-2.849151213	0.048602491
Htl	W16	96	Hotel/Motel Guest Room	648.2436923	-1.319991256	0
Htl	W16	03	Entire Building	761.5347826	-1.550681119	0
Htl	W16	03	Laundry	0	0	0
Htl	W16	03	Office (General)	1029.496883	-2.09632103	0.050391036
Htl	W16	03	Lobby (Hotel)	0	0	0
Htl	W16	03	Dining Area	0	0	0
Htl	W16	03	Bar, Cocktail Lounge	0	0	0
Htl	W16	03	Kitchen and Food Prep	0	0	0
Htl	W16	03	Corridor	1399.209497	-2.849151213	0.048602491
Htl	W16	03	Hotel/Motel Guest Room	648.2436923	-1.319991256	0
Hsp	W01	75	Entire Building	317.0223601	-11.44480976	0.0480208
Hsp	W01	75	Laboratory, Medical	409.4355115	-14.78101273	0.047425907
Hsp	W01	75	Kitchen and Food Prep	0	0	0
Hsp	W01	75	Medical and Clinical Care	0	0	0
Hsp	W01	75	Dining Area	0	0	0
Hsp	W01	75	Office (General)	200.6894471	-7.245080577	0.044036735
Hsp	W01	85	Entire Building	356.9789016	-12.94654769	0.053012027
Hsp	W01	85	Laboratory, Medical	460.0459985	-16.68448033	0.053287526
Hsp	W01	85	Kitchen and Food Prep	0	0	0
Hsp	W01	85	Medical and Clinical Care	0	0	0
Hsp	W01	85	Dining Area	0	0	0
Hsp	W01	85	Office (General)	225.6709103	-8.18440303	0.049523955
Hsp	W01	96	Entire Building	397.3755735	-14.85612828	0.063132447
Hsp	W01	96	Laboratory, Medical	562.5648541	-21.03183033	0.065176957
Hsp	W01	96	Kitchen and Food Prep	0	0	0
Hsp	W01	96	Medical and Clinical Care	0	0	0
Hsp	W01	96	Dining Area	0	0	0
Hsp	W01	96	Office (General)	275.8136611	-10.31146201	0.060528285
Hsp	W01	03	Entire Building	405.1893603	-8.903919247	0.072597435
Hsp	W01	03	Laboratory, Medical	573.6732748	-12.60630464	0.063991084



## Lighting Occ Sensor db

Hsp	W01	03	Kitchen and Food Prep	0	0	0
Hsp	W01	03	Medical and Clinical Care	0	0	0
Hsp	W01	03	Dining Area	0	0	0
Hsp	W01	03	Office (General)	281.3601445	-6.182807969	0.059436084
Hsp	W02	75	Entire Building	321.2312459	-10.56767706	0.049172591
Hsp	W02	75	Laboratory, Medical	414.8713026	-13.64819271	0.047425907
Hsp	W02	75	Kitchen and Food Prep	0	0	0
Hsp	W02	75	Medical and Clinical Care	0	0	0
Hsp	W02	75	Dining Area	0	0	0
Hsp	W02	75	Office (General)	203.3538616	-6.689816032	0.044036735
Hsp	W02	85	Entire Building	359.5610604	-12.9250418	0.052877615
Hsp	W02	85	Laboratory, Medical	463.3736793	-16.65676524	0.053287526
Hsp	W02	85	Kitchen and Food Prep	0	0	0
Hsp	W02	85	Medical and Clinical Care	0	0	0
Hsp	W02	85	Dining Area	0	0	0
Hsp	W02	85	Office (General)	227.3032705	-8.170807677	0.049523955
Hsp	W02	96	Entire Building	398.0427575	-14.70488362	0.063132447
Hsp	W02	96	Laboratory, Medical	563.509387	-20.81771317	0.065176957
Hsp	W02	96	Kitchen and Food Prep	0	0	0
Hsp	W02	96	Medical and Clinical Care	0	0	0
Hsp	W02	96	Dining Area	0	0	0
Hsp	W02	96	Office (General)	276.2767457	-10.20648489	0.060528285
Hsp	W02	03	Entire Building	411.0698013	-8.679491693	0.069474964
Hsp	W02	03	Laboratory, Medical	581.9988928	-12.28855669	0.063991084
Hsp	W02	03	Kitchen and Food Prep	0	0	0
Hsp	W02	03	Medical and Clinical Care	0	0	0
Hsp	W02	03	Dining Area	0	0	0
Hsp	W02	03	Office (General)	285.4434741	-6.02696733	0.059436084
Hsp	W03	75	Entire Building	318.693763	-10.85340968	0.048308748
Hsp	W03	75	Laboratory, Medical	411.5941344	-14.01721741	0.047425907
Hsp	W03	75	Kitchen and Food Prep	0	0	0
Hsp	W03	75	Medical and Clinical Care	0	0	0
Hsp	W03	75	Dining Area	0	0	0
Hsp	W03	75	Office (General)	201.7475205	-6.870697664	0.044036735
Hsp	W03	85	Entire Building	358.9825519	-12.93848298	0.052420615
Hsp	W03	85	Laboratory, Medical	462.6281435	-16.67408717	0.053287526
Hsp	W03	85	Kitchen and Food Prep	0	0	0
Hsp	W03	85	Medical and Clinical Care	0	0	0
Hsp	W03	85	Dining Area	0	0	0
Hsp	W03	85	Office (General)	226.9375555	-8.179304773	0.049523955
Hsp	W03	96	Entire Building	398.02373	-14.80733968	0.063230024
Hsp	W03	96	Laboratory, Medical	563.4824497	-20.96276028	0.065176957
Hsp	W03	96	Kitchen and Food Prep	0	0	0
Hsp	W03	96	Medical and Clinical Care	0	0	0
Hsp	W03	96	Dining Area	0	0	0
Hsp	W03	96	Office (General)	276.2635389	-10.27759843	0.060528285
Hsp	W03	03	Entire Building	410.6160673	-8.762432311	0.024960903
Hsp	W03	03	Laboratory, Medical	581.3564893	-12.40598528	0.063991084
Hsp	W03	03	Kitchen and Food Prep	0	0	0
Hsp	W03	03	Medical and Clinical Care	0	0	0
Hsp	W03	03	Dining Area	0	0	0
Hsp	W03	03	Office (General)	285.128405	-6.08456061	0.059436084
Hsp	W04	75	Entire Building	319.7068956	-10.63855647	0.047998651
Hsp	W04	75	Laboratory, Medical	412.9025987	-13.73973372	0.047425907
Hsp	W04	75	Kitchen and Food Prep	0	0	0
Hsp	W04	75	Medical and Clinical Care	0	0	0
Hsp	W04	75	Dining Area	0	0	0
Hsp	W04	75	Office (General)	202.3888791	-6.734685894	0.044036735
Hsp	W04	85	Entire Building	358.5325411	-12.9546124	0.052447497
Hsp	W04	85	Laboratory, Medical	462.0482054	-16.69487348	0.053287526
Hsp	W04	85	Kitchen and Food Prep	0	0	0
Hsp	W04	85	Medical and Clinical Care	0	0	0
Hsp	W04	85	Dining Area	0	0	0
Hsp	W04	85	Office (General)	226.6530727	-8.189501288	0.049523955
Hsp	W04	96	Entire Building	398.8189842	-14.78782424	0.063083658

## Lighting Occ Sensor db

Hsp	W04	96	Laboratory, Medical	564.6082915	-20.93513226	0.065176957
Hsp	W04	96	Kitchen and Food Prep	0	0	0
Hsp	W04	96	Medical and Clinical Care	0	0	0
Hsp	W04	96	Dining Area	0	0	0
Hsp	W04	96	Office (General)	276.8155153	-10.26405299	0.060528285
Hsp	W04	03	Entire Building	416.9917614	-8.703885992	0.068987078
Hsp	W04	03	Laboratory, Medical	590.3832942	-12.32309451	0.063991084
Hsp	W04	03	Kitchen and Food Prep	0	0	0
Hsp	W04	03	Medical and Clinical Care	0	0	0
Hsp	W04	03	Dining Area	0	0	0
Hsp	W04	03	Office (General)	289.5556343	-6.04390653	0.059436084
Hsp	W05	75	Entire Building	318.7646424	-10.66513625	0.047732853
Hsp	W05	75	Laboratory, Medical	411.6856754	-13.7740616	0.047425907
Hsp	W05	75	Kitchen and Food Prep	0	0	0
Hsp	W05	75	Medical and Clinical Care	0	0	0
Hsp	W05	75	Dining Area	0	0	0
Hsp	W05	75	Office (General)	201.7923904	-6.751512092	0.044036735
Hsp	W05	85	Entire Building	358.5876499	-12.72880053	0.052339968
Hsp	W05	85	Laboratory, Medical	462.1192253	-16.40386511	0.053287526
Hsp	W05	85	Kitchen and Food Prep	0	0	0
Hsp	W05	85	Medical and Clinical Care	0	0	0
Hsp	W05	85	Dining Area	0	0	0
Hsp	W05	85	Office (General)	226.6879108	-8.046750072	0.049523955
Hsp	W05	96	Entire Building	397.5309651	-14.6707316	0.063278812
Hsp	W05	96	Laboratory, Medical	562.7848422	-20.76936413	0.065176957
Hsp	W05	96	Kitchen and Food Prep	0	0	0
Hsp	W05	96	Medical and Clinical Care	0	0	0
Hsp	W05	96	Dining Area	0	0	0
Hsp	W05	96	Office (General)	275.9215166	-10.18278038	0.060528285
Hsp	W05	03	Entire Building	415.4822421	-8.684370553	0.072695012
Hsp	W05	03	Laboratory, Medical	588.2460939	-12.29546425	0.063991084
Hsp	W05	03	Kitchen and Food Prep	0	0	0
Hsp	W05	03	Medical and Clinical Care	0	0	0
Hsp	W05	03	Dining Area	0	0	0
Hsp	W05	03	Office (General)	288.5074366	-6.03035517	0.059436084
Hsp	W06	75	Entire Building	320.4077157	-10.5145175	0.047865752
Hsp	W06	75	Laboratory, Medical	413.8077105	-13.57953695	0.047425907
Hsp	W06	75	Kitchen and Food Prep	0	0	0
Hsp	W06	75	Medical and Clinical Care	0	0	0
Hsp	W06	75	Dining Area	0	0	0
Hsp	W06	75	Office (General)	202.8325299	-6.656163635	0.044036735
Hsp	W06	85	Entire Building	358.3508163	-12.80675939	0.052339968
Hsp	W06	85	Laboratory, Medical	461.814013	-16.50433228	0.053287526
Hsp	W06	85	Kitchen and Food Prep	0	0	0
Hsp	W06	85	Medical and Clinical Care	0	0	0
Hsp	W06	85	Dining Area	0	0	0
Hsp	W06	85	Office (General)	226.538192	-8.09603323	0.049523955
Hsp	W06	96	Entire Building	398.9629105	-14.6951259	0.062937292
Hsp	W06	96	Laboratory, Medical	564.8120482	-20.80389916	0.065176957
Hsp	W06	96	Kitchen and Food Prep	0	0	0
Hsp	W06	96	Medical and Clinical Care	0	0	0
Hsp	W06	96	Dining Area	0	0	0
Hsp	W06	96	Office (General)	276.9154129	-10.19971218	0.060528285
Hsp	W06	03	Entire Building	417.168864	-8.601429935	0.069572542
Hsp	W06	03	Laboratory, Medical	590.6340388	-12.17803566	0.063991084
Hsp	W06	03	Kitchen and Food Prep	0	0	0
Hsp	W06	03	Medical and Clinical Care	0	0	0
Hsp	W06	03	Dining Area	0	0	0
Hsp	W06	03	Office (General)	289.6786129	-5.97276189	0.059436084
Hsp	W07	75	Entire Building	320.6126015	-10.30409425	0.04921689
Hsp	W07	75	Laboratory, Medical	414.0723212	-13.30777457	0.047425907
Hsp	W07	75	Kitchen and Food Prep	0	0	0
Hsp	W07	75	Medical and Clinical Care	0	0	0
Hsp	W07	75	Dining Area	0	0	0
Hsp	W07	75	Office (General)	202.9622318	-6.522956231	0.044036735

## Lighting Occ Sensor db

Hsp	W07	85	Entire Building	360.6960339	-12.76105937	0.052339968
Hsp	W07	85	Laboratory, Medical	464.8363428	-16.44543773	0.053287526
Hsp	W07	85	Kitchen and Food Prep	0	0	0
Hsp	W07	85	Medical and Clinical Care	0	0	0
Hsp	W07	85	Dining Area	0	0	0
Hsp	W07	85	Office (General)	228.0207653	-8.067143103	0.049523955
Hsp	W07	96	Entire Building	399.3522435	-14.61218528	0.063425178
Hsp	W07	96	Laboratory, Medical	565.3632272	-20.68648007	0.065176957
Hsp	W07	96	Kitchen and Food Prep	0	0	0
Hsp	W07	96	Medical and Clinical Care	0	0	0
Hsp	W07	96	Dining Area	0	0	0
Hsp	W07	96	Office (General)	277.1856443	-10.14214408	0.060528285
Hsp	W07	03	Entire Building	422.659045	-8.547762477	0.070060428
Hsp	W07	03	Laboratory, Medical	598.4071208	-12.10205245	0.063991084
Hsp	W07	03	Kitchen and Food Prep	0	0	0
Hsp	W07	03	Medical and Clinical Care	0	0	0
Hsp	W07	03	Dining Area	0	0	0
Hsp	W07	03	Office (General)	293.4909492	-5.935495651	0.059436084
Hsp	W08	75	Entire Building	321.2923794	-9.978491964	0.049216889
Hsp	W08	75	Laboratory, Medical	414.9502567	-12.88725805	0.047425907
Hsp	W08	75	Kitchen and Food Prep	0	0	0
Hsp	W08	75	Medical and Clinical Care	0	0	0
Hsp	W08	75	Dining Area	0	0	0
Hsp	W08	75	Office (General)	203.3925619	-6.316835301	0.044036735
Hsp	W08	85	Entire Building	359.2656232	-12.69922992	0.052608791
Hsp	W08	85	Laboratory, Medical	462.9929433	-16.36575687	0.053287526
Hsp	W08	85	Kitchen and Food Prep	0	0	0
Hsp	W08	85	Medical and Clinical Care	0	0	0
Hsp	W08	85	Dining Area	0	0	0
Hsp	W08	85	Office (General)	227.1165043	-8.028056461	0.049523955
Hsp	W08	96	Entire Building	399.6566844	-14.49021379	0.063230024
Hsp	W08	96	Laboratory, Medical	565.7942243	-20.51380495	0.065176957
Hsp	W08	96	Kitchen and Food Prep	0	0	0
Hsp	W08	96	Medical and Clinical Care	0	0	0
Hsp	W08	96	Dining Area	0	0	0
Hsp	W08	96	Office (General)	277.3969531	-10.05748511	0.060528285
Hsp	W08	03	Entire Building	421.7803623	-8.498973878	0.06962133
Hsp	W08	03	Laboratory, Medical	597.1630685	-12.03297681	0.063991084
Hsp	W08	03	Kitchen and Food Prep	0	0	0
Hsp	W08	03	Medical and Clinical Care	0	0	0
Hsp	W08	03	Dining Area	0	0	0
Hsp	W08	03	Office (General)	292.8807993	-5.901617251	0.059436084
Hsp	W09	75	Entire Building	322.7784105	-9.996211817	0.049637737
Hsp	W09	75	Laboratory, Medical	416.8694712	-12.9101433	0.047425907
Hsp	W09	75	Kitchen and Food Prep	0	0	0
Hsp	W09	75	Medical and Clinical Care	0	0	0
Hsp	W09	75	Dining Area	0	0	0
Hsp	W09	75	Office (General)	204.3332866	-6.328052767	0.044036735
Hsp	W09	85	Entire Building	359.0978772	-12.68041227	0.052770085
Hsp	W09	85	Laboratory, Medical	462.7767657	-16.34150617	0.053287526
Hsp	W09	85	Kitchen and Food Prep	0	0	0
Hsp	W09	85	Medical and Clinical Care	0	0	0
Hsp	W09	85	Dining Area	0	0	0
Hsp	W09	85	Office (General)	227.0104606	-8.016160526	0.049523955
Hsp	W09	96	Entire Building	398.9087552	-14.5975487	0.063181235
Hsp	W09	96	Laboratory, Medical	564.7353804	-20.66575906	0.065176957
Hsp	W09	96	Kitchen and Food Prep	0	0	0
Hsp	W09	96	Medical and Clinical Care	0	0	0
Hsp	W09	96	Dining Area	0	0	0
Hsp	W09	96	Office (General)	276.8778243	-10.131985	0.060528285
Hsp	W09	03	Entire Building	420.3357319	-8.650218534	0.06962133
Hsp	W09	03	Laboratory, Medical	595.1177387	-12.2471113	0.063991084
Hsp	W09	03	Kitchen and Food Prep	0	0	0
Hsp	W09	03	Medical and Clinical Care	0	0	0
Hsp	W09	03	Dining Area	0	0	0

## Lighting Occ Sensor db

Hsp	W09	03	Office (General)	291.8776598	-6.00664029	0.059436084
Hsp	W10	75	Entire Building	324.8004672	-9.978491964	0.049903535
Hsp	W10	75	Laboratory, Medical	419.4809647	-12.88725805	0.047425907
Hsp	W10	75	Kitchen and Food Prep	0	0	0
Hsp	W10	75	Medical and Clinical Care	0	0	0
Hsp	W10	75	Dining Area	0	0	0
Hsp	W10	75	Office (General)	205.6133396	-6.316835301	0.044036735
Hsp	W10	85	Entire Building	359.9841889	-12.72880053	0.053603439
Hsp	W10	85	Laboratory, Medical	463.9189735	-16.40386511	0.053287526
Hsp	W10	85	Kitchen and Food Prep	0	0	0
Hsp	W10	85	Medical and Clinical Care	0	0	0
Hsp	W10	85	Dining Area	0	0	0
Hsp	W10	85	Office (General)	227.5707591	-8.046750072	0.049523955
Hsp	W10	96	Entire Building	399.9186792	-14.28042281	0.063083658
Hsp	W10	96	Laboratory, Medical	566.1651305	-20.21680373	0.065176957
Hsp	W10	96	Kitchen and Food Prep	0	0	0
Hsp	W10	96	Medical and Clinical Care	0	0	0
Hsp	W10	96	Dining Area	0	0	0
Hsp	W10	96	Office (General)	277.5788005	-9.911871694	0.060528285
Hsp	W10	03	Entire Building	419.6917224	-8.684370553	0.069523753
Hsp	W10	03	Laboratory, Medical	594.2059402	-12.29546425	0.063991084
Hsp	W10	03	Kitchen and Food Prep	0	0	0
Hsp	W10	03	Medical and Clinical Care	0	0	0
Hsp	W10	03	Dining Area	0	0	0
Hsp	W10	03	Office (General)	291.430465	-6.03035517	0.059436084
Hsp	W11	75	Entire Building	322.3631015	-10.37497366	0.049460538
Hsp	W11	75	Laboratory, Medical	416.3330981	-13.39931558	0.047425907
Hsp	W11	75	Kitchen and Food Prep	0	0	0
Hsp	W11	75	Medical and Clinical Care	0	0	0
Hsp	W11	75	Dining Area	0	0	0
Hsp	W11	75	Office (General)	204.0703772	-6.567826093	0.044036735
Hsp	W11	85	Entire Building	359.9683283	-12.79331821	0.05293138
Hsp	W11	85	Laboratory, Medical	463.8985337	-16.48701036	0.053287526
Hsp	W11	85	Kitchen and Food Prep	0	0	0
Hsp	W11	85	Medical and Clinical Care	0	0	0
Hsp	W11	85	Dining Area	0	0	0
Hsp	W11	85	Office (General)	227.5607325	-8.087536134	0.049523955
Hsp	W11	96	Entire Building	399.8362264	-14.621943	0.063473967
Hsp	W11	96	Laboratory, Medical	566.0484021	-20.70029408	0.065176957
Hsp	W11	96	Kitchen and Food Prep	0	0	0
Hsp	W11	96	Medical and Clinical Care	0	0	0
Hsp	W11	96	Dining Area	0	0	0
Hsp	W11	96	Office (General)	277.5215711	-10.1489168	0.060528285
Hsp	W11	03	Entire Building	413.3106616	-8.44530642	0.070645891
Hsp	W11	03	Laboratory, Medical	585.171537	-11.95699361	0.063991084
Hsp	W11	03	Kitchen and Food Prep	0	0	0
Hsp	W11	03	Medical and Clinical Care	0	0	0
Hsp	W11	03	Dining Area	0	0	0
Hsp	W11	03	Office (General)	286.999509	-5.864351011	0.059436084
Hsp	W12	75	Entire Building	321.4077799	-10.40155344	0.049394089
Hsp	W12	75	Laboratory, Medical	415.0992969	-13.43364346	0.047425907
Hsp	W12	75	Kitchen and Food Prep	0	0	0
Hsp	W12	75	Medical and Clinical Care	0	0	0
Hsp	W12	75	Dining Area	0	0	0
Hsp	W12	75	Office (General)	203.4656156	-6.584652292	0.044036735
Hsp	W12	85	Entire Building	359.1115873	-12.94654769	0.052877615
Hsp	W12	85	Laboratory, Medical	462.794434	-16.68448033	0.053287526
Hsp	W12	85	Kitchen and Food Prep	0	0	0
Hsp	W12	85	Medical and Clinical Care	0	0	0
Hsp	W12	85	Dining Area	0	0	0
Hsp	W12	85	Office (General)	227.0191276	-8.18440303	0.049523955
Hsp	W12	96	Entire Building	398.8145932	-14.62682186	0.063230024
Hsp	W12	96	Laboratory, Medical	564.6020752	-20.70720109	0.065176957
Hsp	W12	96	Kitchen and Food Prep	0	0	0
Hsp	W12	96	Medical and Clinical Care	0	0	0

## Lighting Occ Sensor db

Hsp	W12	96	Dining Area	0	0	0
Hsp	W12	96	Office (General)	276.8124676	-10.15230316	0.060528285
Hsp	W12	03	Entire Building	414.8826302	-8.718522572	0.080013302
Hsp	W12	03	Laboratory, Medical	587.3971542	-12.3438172	0.063991084
Hsp	W12	03	Kitchen and Food Prep	0	0	0
Hsp	W12	03	Medical and Clinical Care	0	0	0
Hsp	W12	03	Dining Area	0	0	0
Hsp	W12	03	Office (General)	288.0910711	-6.05407005	0.059436084
Hsp	W13	75	Entire Building	324.9019133	-9.925332407	0.049460538
Hsp	W13	75	Laboratory, Medical	419.6119827	-12.81860229	0.047425907
Hsp	W13	75	Kitchen and Food Prep	0	0	0
Hsp	W13	75	Medical and Clinical Care	0	0	0
Hsp	W13	75	Dining Area	0	0	0
Hsp	W13	75	Office (General)	205.6775596	-6.283182904	0.044036735
Hsp	W13	85	Entire Building	359.6782675	-12.65621814	0.053227086
Hsp	W13	85	Laboratory, Medical	463.5247265	-16.3103267	0.053287526
Hsp	W13	85	Kitchen and Food Prep	0	0	0
Hsp	W13	85	Medical and Clinical Care	0	0	0
Hsp	W13	85	Dining Area	0	0	0
Hsp	W13	85	Office (General)	227.3773652	-8.000865753	0.049523955
Hsp	W13	96	Entire Building	399.534225	-14.57315441	0.06371791
Hsp	W13	96	Laboratory, Medical	565.6208585	-20.63122403	0.065176957
Hsp	W13	96	Kitchen and Food Prep	0	0	0
Hsp	W13	96	Medical and Clinical Care	0	0	0
Hsp	W13	96	Dining Area	0	0	0
Hsp	W13	96	Office (General)	277.3119555	-10.11505321	0.060528285
Hsp	W13	03	Entire Building	419.8410155	-8.596551075	0.071280143
Hsp	W13	03	Laboratory, Medical	594.4173117	-12.1711281	0.063991084
Hsp	W13	03	Kitchen and Food Prep	0	0	0
Hsp	W13	03	Medical and Clinical Care	0	0	0
Hsp	W13	03	Dining Area	0	0	0
Hsp	W13	03	Office (General)	291.5341329	-5.96937405	0.059436084
Hsp	W14	75	Entire Building	324.0850281	-10.1667654	0.04930549
Hsp	W14	75	Laboratory, Medical	418.5569726	-13.13041386	0.047425907
Hsp	W14	75	Kitchen and Food Prep	0	0	0
Hsp	W14	75	Medical and Clinical Care	0	0	0
Hsp	W14	75	Dining Area	0	0	0
Hsp	W14	75	Office (General)	205.1604344	-6.436020873	0.044036735
Hsp	W14	85	Entire Building	359.7941305	-12.72342405	0.053253968
Hsp	W14	85	Laboratory, Medical	463.6740415	-16.39693633	0.053287526
Hsp	W14	85	Kitchen and Food Prep	0	0	0
Hsp	W14	85	Medical and Clinical Care	0	0	0
Hsp	W14	85	Dining Area	0	0	0
Hsp	W14	85	Office (General)	227.4506101	-8.043351234	0.049523955
Hsp	W14	96	Entire Building	400.4680388	-14.48533493	0.063522755
Hsp	W14	96	Laboratory, Medical	566.9428592	-20.50689794	0.065176957
Hsp	W14	96	Kitchen and Food Prep	0	0	0
Hsp	W14	96	Medical and Clinical Care	0	0	0
Hsp	W14	96	Dining Area	0	0	0
Hsp	W14	96	Office (General)	277.9601045	-10.05409876	0.060528285
Hsp	W14	03	Entire Building	414.8694573	-8.538004757	0.071426508
Hsp	W14	03	Laboratory, Medical	587.3785038	-12.08823733	0.063991084
Hsp	W14	03	Kitchen and Food Prep	0	0	0
Hsp	W14	03	Medical and Clinical Care	0	0	0
Hsp	W14	03	Dining Area	0	0	0
Hsp	W14	03	Office (General)	288.0819239	-5.928719971	0.059436084
Hsp	W15	75	Entire Building	325.1457828	-9.46461624	0.028617562
Hsp	W15	75	Laboratory, Medical	419.926941	-12.22358571	0.047425907
Hsp	W15	75	Kitchen and Food Prep	0	0	0
Hsp	W15	75	Medical and Clinical Care	0	0	0
Hsp	W15	75	Dining Area	0	0	0
Hsp	W15	75	Office (General)	205.83194	-5.9915288	0.044036735
Hsp	W15	85	Entire Building	362.3361271	-12.37126505	0.052958262
Hsp	W15	85	Laboratory, Medical	466.9499644	-15.94310184	0.053287526
Hsp	W15	85	Kitchen and Food Prep	0	0	0

Lighting Occ Sensor db

Hsp	W15	85	Medical and Clinical Care	0	0	0
Hsp	W15	85	Dining Area	0	0	0
Hsp	W15	85	Office (General)	229.057581	-7.820727314	0.049523955
Hsp	W15	96	Entire Building	402.0678169	-14.42678861	0.063571544
Hsp	W15	96	Laboratory, Medical	569.2076662	-20.42401388	0.065176957
Hsp	W15	96	Kitchen and Food Prep	0	0	0
Hsp	W15	96	Medical and Clinical Care	0	0	0
Hsp	W15	96	Dining Area	0	0	0
Hsp	W15	96	Office (General)	279.0704915	-10.01346245	0.060528285
Hsp	W15	03	Entire Building	429.5411647	-8.191605707	0.071572874
Hsp	W15	03	Laboratory, Medical	608.1509308	-11.59780027	0.063991084
Hsp	W15	03	Kitchen and Food Prep	0	0	0
Hsp	W15	03	Medical and Clinical Care	0	0	0
Hsp	W15	03	Dining Area	0	0	0
Hsp	W15	03	Office (General)	298.2698363	-5.688183332	0.059436084
Hsp	W16	75	Entire Building	320.370504	-11.04832806	0.047843602
Hsp	W16	75	Laboratory, Medical	413.7596514	-14.26895519	0.047425907
Hsp	W16	75	Kitchen and Food Prep	0	0	0
Hsp	W16	75	Medical and Clinical Care	0	0	0
Hsp	W16	75	Dining Area	0	0	0
Hsp	W16	75	Office (General)	202.8089732	-6.994089785	0.044036735
Hsp	W16	85	Entire Building	357.4429988	-13.00837714	0.052635674
Hsp	W16	85	Laboratory, Medical	460.64409	-16.76416119	0.053287526
Hsp	W16	85	Kitchen and Food Prep	0	0	0
Hsp	W16	85	Medical and Clinical Care	0	0	0
Hsp	W16	85	Dining Area	0	0	0
Hsp	W16	85	Office (General)	225.9642981	-8.223489673	0.049523955
Hsp	W16	96	Entire Building	398.2862127	-14.67561046	0.063034869
Hsp	W16	96	Laboratory, Medical	563.8540466	-20.77627114	0.065176957
Hsp	W16	96	Kitchen and Food Prep	0	0	0
Hsp	W16	96	Medical and Clinical Care	0	0	0
Hsp	W16	96	Dining Area	0	0	0
Hsp	W16	96	Office (General)	276.4457249	-10.18616674	0.060528285
Hsp	W16	03	Entire Building	412.1366615	-9.074679342	0.069816485
Hsp	W16	03	Laboratory, Medical	583.5093699	-12.84806939	0.063991084
Hsp	W16	03	Kitchen and Food Prep	0	0	0
Hsp	W16	03	Medical and Clinical Care	0	0	0
Hsp	W16	03	Dining Area	0	0	0
Hsp	W16	03	Office (General)	286.1842931	-6.301382369	0.059436084