

# System Diagram Break Out 02

## Given

- The design intent examples we worked through
  - The assumptions we made as we worked through the examples
  - The as installed system diagram copy in the slide that follows
1. *Develop the node analysis showing how the as installed chilled water plant would work at full load*
  2. *Answer the questions that follow*

# Questions

Assuming full functionality and proper balancing:

1. From the perspective of the loads, is there any difference between how the as installed system serves you vs. the design intent system when operating at full load?
2. From the perspective of the chillers, is there any difference between the load you see for the as installed system vs. the design intent system when operating at full load?
3. Is the difference between the as installed piping arrangement and the design intent piping arrangement a significant issue at design conditions?

# As Installed System Diagram

- 100% load

