

# Lansing BWL Seasonal Preparations

Thermal Distribution Workshop



**CampusEnergy2020**

THE POWER TO CHANGE

FEBRUARY 10-14 ▲ SHERATON DENVER DOWNTOWN ▲ DENVER, CO

# BWL Background

## Steam Production and Distribution

- ▶ 1 Plant (2 GE LM6000s, 100MW, 300 MLBS/HR, plus boiler)
- ▶ Approximately 10 miles of transmission and distribution piping
- ▶ Approximately 150 customers ranging from single family homes to industrial campus.

## Chilled Water Production and Distribution

- ▶ 1 Plant... 8,000 tons.
- ▶ 17 Customers... mostly office buildings with some mixed-use
- ▶ New (ish).. Plant is less than 10 years old, system 20 years

# Major Activities

- ▶ Annual construction projects for rebuilding mains and manholes.
- ▶ Planned outages.
- ▶ Seasonal Turn-ons/off
- ▶ Meter Maintenance/Inspections
- ▶ No temperature reset
- ▶ No seasonal pumping profile
- ▶ Other than rate triggers, there are typically no operational changes from season to season.