Chilled Water – 2020 Peak Load – West Failure

- Model represents complete failure at West Plant. Load is shifted to other plants.
- Isolation valves closed:
  - East of Central Campus Housing
  - Alkek tunnel
  - West of Agriculture
  - East of College of Education
  - East of Theater branch
- Plant Loads:
  - West: --- tons
  - Cogen: 5,484 tons
  - East: 1,914 tons
  - South: 1,531 tons
- Results:
  - East Plant is serving connected buildings adequately.
  - Many buildings on west side of campus cannot get adequate flow. South Plant has additional capacity available but is unable to distribute to west side of campus due to pumping against Cogen Plant.