

CONDENSER WATER TEMPERATURE RESET

No/Low Cost Opportunity



OVERVIEW

In certain chiller water systems, energy can be saved by resetting the condenser water temperature down to maximum evaporative cooling and lower chiller compressor energy.

CONSIDERATIONS

- Must be a variable speed chiller(s).
- Must be a water-cooled chiller system.
- More impactful energy savings in drier climates.
- Less economic savings in areas with expensive water supply.
- Consult chiller manufacturer on equipment ability to support lower condenser water temperatures.

KEY PERFORMANCE INDICATORS (KPIs)

- **0.5-1 point energy use intensity (EUI) reduction potential**
- **0.5% sitewide electric savings**
- **0.5-1.5 year simple payback**