

# CHILLER PLANT STAGING

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No/Low Cost Opportunity



## OVERVIEW

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Chiller staging is intended to optimize the efficiency of the cooling plant by staging and ramping chillers to meet the building demand. Depending on chiller type this may mean several chillers operating at part load or fewer chillers operating at their design capacity.

## CONSIDERATIONS

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- Consult chiller manufacturer to ensure adequate system flow is maintained.
- Requires direct digital control (DDC) building automation.
- Can be programmed for a multitude of chiller types.

## KEY PERFORMANCE INDICATORS (KPIs)

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- ▶ **1-2 point energy use intensity (EUI) reduction potential**
- ▶ **1% sitewide electric savings**
- ▶ **<1 year simple payback**