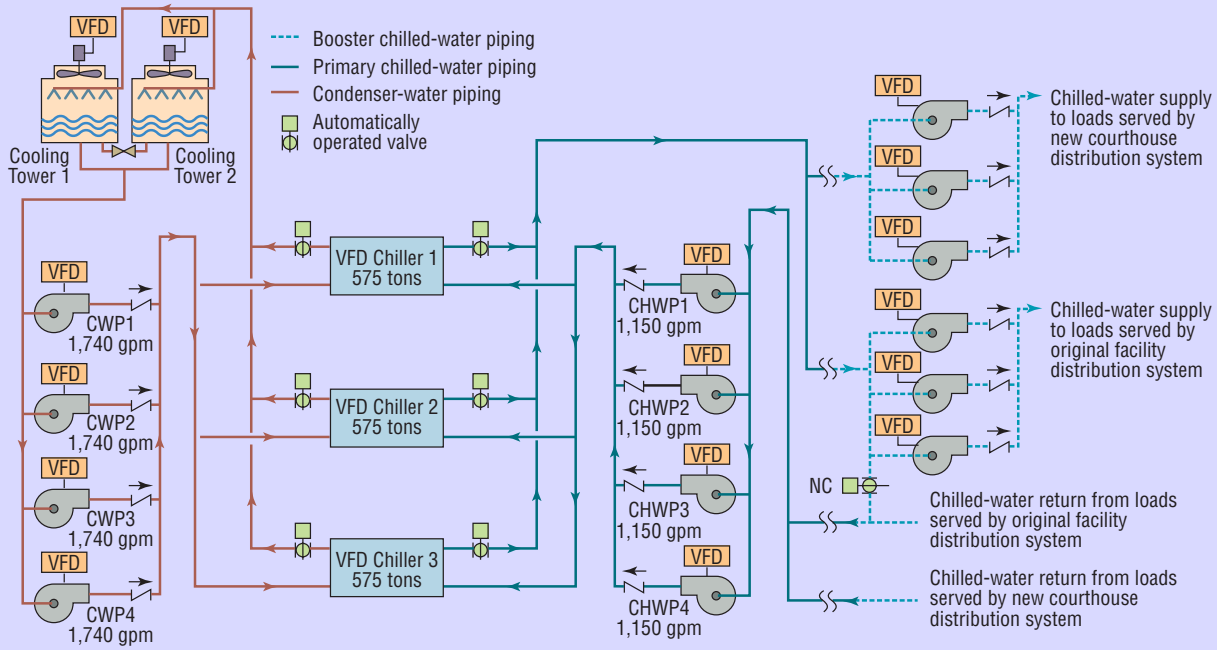
The County of San Diego
Department of General Services
Energy Management

Hartman Ultra-Efficient Chiller Plant

County of San Diego North County Regional Center

The air-conditioning system at the North County Regional Center uses a modern variable speed system, installed in November of 2003, to run at a highly optimized rate. This demand-based system, which coordinates the actions and controls of the many parts of an air-conditioning system, brought energy expenditure from 1.12 kW per ton (of air-conditioning) to less than .5 kW per ton.



Annual Electric Savings: 1,356,05 kWh
Annual Cost Reduction: $189,000
Incentives: $205,447
Simple Payback: 1.3 years