

Crafton Hills College

Cooling Tower Replacement

TYPE: Infrastructure, Retrofit

CURRENT STATUS OF PROJECT:
Closeout Phase

DESCRIPTION: Replacement of two cooling towers at the central plant at the LADM building. Includes replacement of associated pumps, piping, and updates to controls sequence of operations.



Sustainability Features:

1,500 SF

SQ FOOTAGE

\$1,100,000

CONSTRUCTION BUDGET

March 2024

CONSTRUCTION
COMPLETION DATE

- 1 Filtration system reduces energy losses throughout the heating, cooling and condenser water systems by reducing fouling and friction.
- 2 New and additional control valves allow the system to operate per the sequence of operations.
- 3 Variable speed fans and pumps reduce energy usage by only running fast enough to do the needed work.
- 4 The sequence of operation improved the condenser system operation when the small chiller is operating.
- 5 The entire project will be commissioned by a third-party agent. The Agent reviewed the entire design process.