



## Medical Center Energy Retrofit

### LOCATION

Fresno, California

LED lighting retrofit and central cooling plant optimization helped this hospital improve reliability, safety, and comfort while saving more than \$600k per year

Turnkey LED lighting retrofit and central cooling plant optimization helped this Level 1 trauma center improve reliability, safety, and patient comfort while saving more than \$600k per year

Community Regional Medical Center of Fresno, California, partnered with Enovity to reduce operating costs and improve the sustainability of its 685-bed hospital campus. Enovity implemented energy conservation measures including retrofitting LED lighting in the surface parking lots and garage, retrocommissioning the HVAC systems in the Trauma Critical Care Building, and converting the constant-flow chilled water distribution system to variable flow. The chiller plant was further optimized for efficiency and additional cooling capacity during peak season.

The project provided annual electric energy savings of 4,345,700 kilowatt-hours (a 10% reduction) as well as 525 kilowatts of peak demand reduction and 24,455 therms of natural gas savings. This equates to annual savings of more than \$630,000 in utility costs, as well as avoided greenhouse gas emissions of 1,365 metric tons per year of CO2 equivalent. The \$2.2-million project was completely funded by the local utility's 0% On-Bill Financing Program.