

Cucamonga Valley Water District (CVWD) has been able to achieve significant levels of energy savings since enrolling with the SoCalREN Public Agency Program in October of 2014. CVWD is a retail water provider serving City of Rancho Cucamonga, portions of the cities of Upland, Ontario and Fontana, and some unincorporated areas of San Bernardino County.



Established **1955**



Serves (Customers) **190,000**



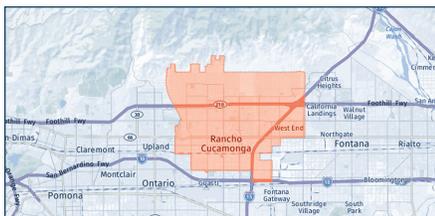
Location **County of San Bernardino**



District Offices **Rancho Cucamonga**



Service Area (Sq. Mi.) **42**



Collectively, the projects completed to date have resulted in more than:



\$158,000
Utility Incentives



1.7 Million
kWh Annual Energy Savings



We have avoided **1,321** metric tons of CO₂ (GHG reduction),

which is equivalent to taking **283** cars off the road



In taking action to complete a total of nine energy efficiency projects, the resulting environmental impacts are an influential catalyst that inspires other similar agencies to take action to move their communities into a greener and healthier direction. Through SoCalREN, CVWD is serving their community with shared benefits such as greater service reliability, reduced energy costs, and reduced greenhouse gas emissions.

CVWD accomplished an unparalleled level of energy savings and significantly reduced operational budgets by leveraging services through a partnership created between the SoCalREN and Water Infrastructure System Efficiency (WISE™), a Southern California Edison third-party program. By leveraging multiple programs to incorporate energy efficiency improvements within their facilities, the upgrades were completed in only nine months from start to finish.



The projects included water pumping upgrades and sequencing optimization of 47 booster pumps and nine well pumps located throughout the CVWD water distribution system.

The procurement and construction approach used in the pump upgrades project is now being replicated at other water agencies with similar projects with support from the SoCalREN.

“The SoCalREN Public Agency Program provided engineering services, project management, and the resources needed to streamline CVWD’s energy efficiency projects from start to finish.”

*Mike Maestas,
Water Production Manager, CVWD*