

Completing two major pump overhauls for Tulare's water distribution facilities

SoCalREN Public Agency Programs | socalren.org



In 2020, hydraulic pump tests revealed that two wells within the City of Tulare had become inefficient over time.

By leveraging SoCalREN Public Agency Programs, the city accessed SCE's incentives and a suite of project management services at no-cost to breathe new life into their infrastructure. SoCalREN program staff ensured a seamless and effective pump overhaul process by providing technical assistance, financial analyses, and incentive application support.

This collaboration equipped the City of Tulare to continue its mission of efficiently distributing water to over 70,000 residents while saving money and energy. It's not just about fixing pumps; it's about future-proofing vital systems and ensuring the community's well-being for years to come!

\$81,000+
lifetime
cost savings

590,000+
kWh
lifetime
energy savings

155+
metric tons of
CO₂ reduced
*GHG emission reduction
during the project's
lifetime*

180+ cars
taken off
the road
*equivalent energy
savings over the lifetime
of the measures*



I appreciate all of the work SoCalREN Public Agency Programs has done to ensure we got our reimbursement!



*Trisha Whitfield,
City of Tulare Public Works Director*



Project Funding Secured

SoCalREN helped Tulare secure funding and financing for this project!

Project Funding Sources	
Capital Improvement Plan	\$256,269
SCE Incentives	\$35,489
<i>application submission supported by SoCalREN</i>	

Project Scope

Two industrial pump system overhauls

	Well 21	Well 25
Motor Horsepower	75	75
Efficiency Increase	62.9%	76.5%
Lifetime Energy Savings	68,937 kWh	522,555 kWh

Project Timeline



Picture: Tulare tests new pump efficiency after installation on Well 25

Project Details

\$81,498
lifetime cost savings

591,492 kWh
lifetime electricity savings

SoCalREN Services

Below are the no-cost services SoCalREN provided that led to a successful project!

- Technical Review
- Financial Analysis
- Incentive Application
- Audit Calculations
- Project Management
- Design/Scope of Work

Thanks To Our Partners

- Trisha Whitfield, Public Works Director for the City of Tulare
- Tim Doyle, Assistant Public Works Director for the City of Tulare