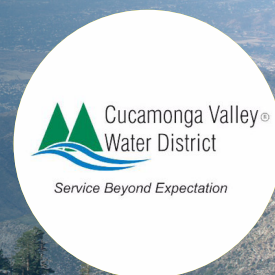


# Cucamonga Valley Water District Well 30 Pump and WISE Pumps Overhaul

SoCalREN Public Agency Programs | [socalren.org](https://socalren.org)



## Project Summary

Inspired by their commitment to sustainability, the Cucamonga Valley Water District (CVWD) collaborated with SoCalREN to upgrade the efficiency of one of their well pumps (Well 30). SoCalREN's Streamlined Savings Pathway provided \$35,602 in incentives for the project! SoCalREN also provided technical assessments, financial analyses, audits, scope of work reviews, and project management, all of which significantly reduced the project costs.

Jacob Johnson and Mike Maestas, the staff dedicated to energy efficiency and savings at CVWD, spearheaded the project with SoCalREN support, facilitating internal project approval and securing funding. The enhancements to Well 30 boosted the pump's efficiency by 9%, resulting in substantial energy savings.

## Well 30 Project Timeline

- October 2022** SoCalREN developed an incentive application on CVWD's behalf
- March 2023** CVWD's incentive application was approved
- October 2023** CVWD's pump overhaul was completed!

“ I want to express my gratitude to SoCalREN Public Agency Programs for their outstanding support in securing incentives for CVWD. Their assistance has greatly enhanced our pump overhaul projects and improved energy efficiency. Thank you for being a valuable partner in our sustainability efforts. ”

*Jacob Johnson, Operations Manager - Production,  
Cucamonga Valley Water District*

## Project Overview



**\$35,600+**  
SoCalREN incentives awarded



**\$159,000+**  
Lifetime bill savings



**846,000+ kWh**  
Lifetime energy savings



**133 cars**  
taken off the road  
*lifetime kWh savings greenhouse gas equivalency*

## WISE Pumps Project Summary

In 2024, CVWD continued to reach new energy efficiency heights with the completion of the last leg of their eight pump upgrades – 1 well and seven booster pump stations! Despite the project's complexity, SoCalREN supported CVWD in collaboration with the Water Infrastructure and System Efficiency Statewide Initiative Program, providing assistance with project management, incentive applications, audits, calculations, design and scope of work, and a 6-year measurement and verification plan. The upgrades have increased staff capacity for operations and maintenance and will generate \$170,457 in lifetime cost savings!

## WISE Pumps Project Overview



**3 years**

estimated useful life of measures



**\$170,000+**

lifetime bill savings



**1,200,000+ kWh**

lifetime energy savings



**403,000+**

gallons of water saved

## SoCalREN Services Used

Below are the no-cost services SoCalREN provided that led to a successful project with the CVWD.



Project management



Incentive application support



Financial analysis



Audit/ calculations



Design and scope of work



Measures and verification plan

## What's next for CVWD:

More upgrades through SoCalREN!

- Pump overhaul for other Well 39 and other pumps
- Zone 8 Hermosa Tunnel Project