

Cucamonga Valley Water District Well 30 Pump Overhaul

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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 made to Well 30 **boosted the pump's efficiency by 9%**, resulting in substantial energy savings.

“ 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 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!

Project Overview



\$35,600+
SoCalREN incentives awarded



\$159,000+
Lifetime bill savings



846,000+ kWh
Lifetime energy savings



144 kW
Lifetime demand savings



78.5 cars
taken off the road
lifetime kWh savings greenhouse gas equivalency

What's next for CVWD:

More upgrades through
SoCalREN!

- Interior lighting upgrade
- Pump overhaul for other wells
- Water treatment plant variable frequency drive upgrade