

Yucaipa Valley Water District to Save \$73 Million Through Clean Energy Resiliency for Vital Water and Wastewater Assets in Partnership with ENGIE North America

Widespread Upgrades Ensure Stand-Alone Power During Outages as Part of Larger, Clean Energy Upgrade and Improved Water Energy Nexus

Yucaipa, Calif. and HOUSTON – The Yucaipa Valley Water District (YVWD) Board of Directors approved a contract with ENGIE North America. YVWD will prioritize the adoption of clean-powered energy to improve its water energy nexus at two of its most critical locations, the Yucaipa Valley Regional Water Filtration Facility, and the Wochholz Regional Water Recycling Facility.

The combined project includes 7.4 MW of solar, a 3.3 MW/13 MWh energy storage system, and 3.2 MW of natural gas gensets and microgrid controllers. YVWD’s program is expected to save \$73 million over the life of the program and the District will receive nearly seven million dollars in incentives under California’s Self Generation Incentive Program. [ENGIE North America](#) will build, own, and operate the systems as well as sell energy and energy services through a 28-year power purchase agreement with a fixed price.

“With so many challenging events facing our community including fire and drought, our District is at the forefront of proactive problem-solving,” said General Manager Joseph Zoba from Yucaipa Valley Water District. “It is time for a more integrated approach to address the challenges and opportunities of the water-energy nexus. Maintaining the reliability and resilience of our energy and water systems is the key to long-term sustainability and our overall success. The YVWD depends on uninterrupted power 24/7 to conduct mission critical operations. This project not only allows critical facilities to remain operational if there is a grid outage but also reduces our carbon footprint.”

The YVWD manages more than 220 miles of drinking water pipelines, and provides a combination of water, sewer, and recycled water connections to over 22,000 ratepayers in the Inland Empire. The program will greatly improve the District’s capacity to serve residents and keep rates stable while hedging against rising energy costs. The program is designed to meet the District’s long-term resiliency goals and ensure safe, reliable power to the District’s key facilities during public safety power shutoff (PSPS) events.

In Yucaipa Valley, a historically fire-prone region of Southern California, the community has seen an increase in risks, managing fires nearly every two years. Seeking a proactive way to prepare for fire season and reduce the impact of related Public Safety Power Shutoffs, the YVWD Board of Directors selected ENGIE as their energy partner to set a useable framework for technology solutions that would address broader community needs.

“There is a compelling new focus in the water industry to utilize and adopt clean energy technology that enhances resiliency and safety in delivery of essential services. This not only increases reliability but improves both the financial and environmental profile of water districts facing resource and budget constraints,” said Stefaan Sercu, Managing Director, Energy Solutions Americas at ENGIE. “We are proud to partner with the Yucaipa Valley Water District team as they realize long-term, positive impact through enhancement of routine operation and emergency capabilities of their vital water and wastewater assets.”

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About YVWD

Yucaipa Valley Water District is in San Bernardino County California. The District service area includes properties in Riverside County, San Bernardino County, Yucaipa and Calimesa. Yucaipa Valley Water District is in YVWD is a special district whose core mission is to provide reliable water and wastewater service to a 40 square-mile region with 223 miles of drinking water pipelines and 27 reservoirs with 34 million gallons of storage capacity.

About ENGIE North America

ENGIE North America Inc. offers a range of capabilities in the United States and Canada to help customers decarbonize, decentralize and digitalize their operations. These include comprehensive services to help customers run their facilities more efficiently and optimize energy and other resource use and expense; clean power generation; energy storage; and retail energy supply that includes renewable, demand response, and on-bill financing options. Nearly 100% of the company’s power generation portfolio is low carbon or renewable. Globally, ENGIE S.A. is a global reference in low-carbon energy and services, that relies on their key businesses (gas, renewable energy, services) to offer competitive solutions to customers. With 170,000 employees, customers, partners and stakeholders, the group is committed to accelerate the transition towards a carbon-neutral world, through reduced energy consumption and more environmentally-friendly solutions.