

NEC Announces Completion of Unique Microgrid Project in Eugene, Oregon

System to provide cost savings, resiliency and emergency water supply for local community

May 14, 2019 – Westborough, Massachusetts, USA – NEC Energy Solutions (NEC ES), announced the completion of a 500 kW/1000 kWh battery energy storage system installed at the Howard Elementary School in Eugene, Oregon, USA. Worley managed the engineering, procurement and construction contract (EPC). The energy storage system, owned and operated by Eugene Water & Electric Board (EWEB), will not only dramatically reduce energy costs through peak shaving but will also ensure resiliency for the school, providing extra hours of power during times of shutdown, such as during inclement weather events.

This project is also part of EWEB's long-term resiliency planning efforts to establish community points of water distribution around the city of Eugene to be used by its customers during restoration following a large-scale disaster. EWEB has installed a well at the Howard Elementary School in partnership with the school district. When supplied by the battery energy storage system and the local PV system, this well will provide local access to fresh, potable drinking water to EWEB customers during an extended outage.



“We are delighted to partner with NEC Energy Solutions, the Eugene Water & Electric Board, the Eugene School District 4J and Howard Elementary School to deliver this important battery energy storage installation,” said Kirk Neubauer, Project Manager, Worley. “We are proudly expanding our involvement in such developments, which provide better futures for local communities and affirm our commitment to the Worley mission of helping our customers to meet the world’s changing resources and energy needs”.

“This is a great example of the community coming together to leverage the benefits of energy storage for all parties, especially the citizens of Eugene,” said Steve Fludder, CEO of NEC Energy Solutions. “From saving on energy costs, to ensuring the power stays on and that customers of the Eugene Water & Electric Board have access to fresh water, this project shows the value of proper planning, design and innovation that NEC’s energy storage solutions provide.”

About WorleyParsons

WorleyParsons delivers projects, provides expertise in engineering, procurement and construction and offers a wide range of consulting and advisory services. We cover the full lifecycle, from creating new assets to sustaining and enhancing operating assets, in the hydrocarbons, mineral, metals, chemicals, power and infrastructure sectors. Our resources and energy are focused on responding to and meeting the needs of our customers over the long term and thereby creating value for our shareholders. WorleyParsons is listed on the Australian Securities Exchange [ASX:WOR].

About NEC Energy Solutions

NEC Energy Solutions designs, manufactures, and integrates smart energy storage solutions for the electric grid, behind the meter, and critical power applications. Its scalable distributed energy storage and control systems provide greater grid stability and flexibility to the benefit of both providers and users of electricity. In telecom, datacenter, and other industrial applications, its high performance lithium-ion battery systems provide better value than traditional lead-acid batteries in tough, critical power applications. Learn more at www.neces.com.

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