



# Military microgrid construction project bidding

Who is completing the Army microgrid project?

Trotter also thanked the key partners to see through the completion of the microgrid project: the Army Reserve Installation Management Directorate's Sustainment and Resiliency Division, the U.S. Army Corps of Engineers, Lawrence Berkeley National Laboratory and Ameresco.

Will the army build a microgrid by 2035?

The Honorable Rachel Jacobson, Assistant Secretary of the United States Army Installations, Energy and Environment stated that the Army has a goal to construct a microgrid on every installation by 2035. She added that FHL's accomplishment sets the standard for the future.

How successful is the Army microgrid initiative?

In fact, Rachel Jacobson, assistant secretary of the Army for installations, energy and the environment, told military news site Defense Now that the Army microgrid initiative has been "enormously successful" thus far. Nearly 30 microgrids are operational at installations.

Is design-bid-build procurement a good fit for microgrids?

The design-bid-build procurement process common in construction projects may not be a good fit for implementing microgrids. Microgrid projects could benefit from changes to the standard RFP template and from common DoD design-bid-build project specifications.

Does the Marines have a microgrid?

Last year, Marine Corps. Base Camp Lejeune in North Carolina contracted utility Duke Energy to build a \$22 million microgrid there. The Marines also had a microgrid installed at Base Miramar near San Diego. The other services have microgrids including work the Navy did with the National Energy Renewable Laboratory on the Hawaiian island of Kauai.

Can a microgrid be installed in the DoD?

Currently, for installation-scale microgrids in DoD, most projects include medium or low levels of renewable energy. Several projects with high levels of renewable energy have been developed and successfully executed at DoD installations, but these are typically at smaller scales.

Schneider follows the business partnership model in developing microgrids. Another example is its work on the Texas Oncor microgrid with S& C Electric. Track development of military microgrid projects by subscribing to the ...

Military electric power supply, both strategic and tactical, must adapt to this reality and plan for increased future use of microgrids within a generation in the name of mission assurance. Availability, affordability, and



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