



NAVAL SUPPORT ACTIVITY CRANE SOLAR PROJECT

PROJECT OVERVIEW

The Department of the Navy (DON) and Duke Energy are working together to develop a solar farm on Naval Support Activity (NSA) Crane.

Duke Energy will own, operate and maintain the 24 megawatt (MW) direct current (DC) solar facility at NSA Crane, which will produce power for its customers, including NSA Crane.

Adding cost-effective renewable energy provides fuel diversity, increased operational capacity and regional resiliency. In the event of an outage, Duke Energy will allow the asset's energy to be routed directly to NSA Crane, ensuring continued base operations.

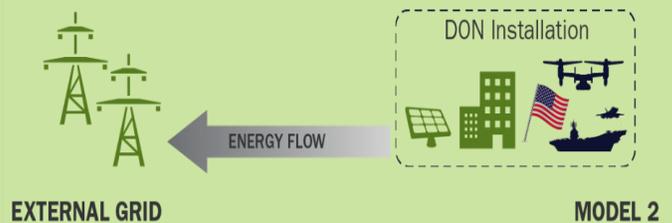
Below is a representative photo of what the ground-mounted solar photovoltaic arrays will look like. Roughly 76,000 solar panels will be installed for the NSA Crane facility.



*Solar panels produce DC energy, which is converted to AC for grid consumption.

PROJECT HIGHLIGHTS

- Approximately 145 acres of land have been identified as a potential development site.
- The project will not have a significant effect on the environment as determined by the Finding of No Significant Impact (FONSI).
- Construction will begin in mid-2016.
- Expected project completion by the end of 2016.
- Classified as a REPO model 2, this project will generate energy on site at NSA Crane that will flow to the external grid for community consumption.



ABOUT THE NAVY'S ONE GW INITIATIVE

The Secretary of the Navy established the Renewable Energy Program Office (REPO) in May 2014 to help the DON bring one gigawatt (GW) of renewable energy into procurement by the end of 2015.

Renewable energy generation will improve the DON's energy security, operational capability, strategic flexibility and resource availability.

Projects aim to:

- 1) Be cost-effective, mission-compatible and leverage third-party financing
- 2) Stabilize long-term operational costs and
- 3) Be complemented by smart microgrid technology and utility infrastructure upgrades



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ABOUT NSA CRANE

NSA Crane is the third largest US Naval installation in the world. The base includes over 3,000 buildings and more than 98 square miles (64,000 acres). NSA Crane has the most roadway in DoD at 109 miles and over 190 miles of utility piping. More than 5,000 DoD civilian and contractor personnel work at Naval Support Activity Crane. With a military population of less than 50 personnel, NSA Crane is predominately a civilian installation.

ABOUT DUKE ENERGY

Duke Energy is the largest electric power holding company in the United States with approximately \$115 billion in total assets. Duke Energy's regulated utility operation serves approximately 7.2 million electric customers located in six states in the Southeast and Midwest.

Duke Energy Indiana's operations provide about 7,500 megawatts of owned electric capacity to approximately 810,000 customers in a 23,000-square-mile service area, making it the state's largest electric supplier.

PROJECT SITE MAP

