

NAVAL AIR STATION OCEANA SOLAR FACILITY

PROJECT OVERVIEW

The Department of the Navy (DON) and Dominion Virginia Power (DVP) executed a real estate outgrant to lease 93 acres of DON land for DVP to construct a solar facility at Naval Air Station (NAS) Oceana.

DVP will build, own, operate and maintain the 21 megawatt (MW) direct current (DC) facility solar facility. The facility is expected to be completed and online by late 2017.

Since the facility will be located on Navy property, the facility contributes to the DON's one gigawatt initiative to enhance energy security and resiliency. In exchange for the land, the DON will also receive in-kind consideration in the form of electrical infrastructure upgrades.

Below is a representative photo of what the ground-mounted solar photovoltaic arrays will look like. Roughly 179,000 panels will be installed at the solar facility at NAS Oceana, which could power the equivalent of 4,400 homes.



BY THE NUMBERS

- Approximately 93 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).
- Lease signing ceremony is planned for August 2016.
- Expected project completion by late 2017.
- Classified as a REPO Model 2, this project will generate energy on site at NAS Oceana.

On-base Generation for Off-base Consumption



EXTERNAL GRID

MODEL 2

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 NAS OCEANA

Naval Air Station (NAS) Oceana is the U.S. Navy's East Coast Master Jet Base. Home to Commander, Strike-Fighter Wing Atlantic, 17 Hornet and Super Hornet Strike-Fighter squadrons, one Fleet Logistics Support squadron, and Fleet Readiness Center, Mid-Atlantic, NAS Oceana provides 24/7/365 shore-based training and support for 315 aircraft and over 17,000 uniform and civilian personnel. The station includes Dam Neck Annex, three miles to the east along the Atlantic coast, which serves as a training Center of Excellence for over 20,000 students annually in over 210 courses of instruction. After Joint Expeditionary Base Little Creek-Fort Story, NAS Oceana is the second largest employer in Virginia Beach, with a direct, total economic impact of \$1.075 Billion annually.

ABOUT DOMINION

Dominion Virginia Power is a subsidiary of Dominion, one of the nation's largest producers and transporters of energy. Dominion provides energy or products and services to more than 5 million customers in 14 states. It has a portfolio of approximately 25,700 megawatts of generation, including more than 1,100 megawatts of renewable generation, and 6,500 miles of electric transmission lines. Dominion also operates one of the nation's largest natural gas storage systems with 933 billion cubic feet of storage capacity. For more information about Dominion, visit the company's website at www.dom.com.



PROJECT SITE MAP

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