

# NAVAL SUBMARINE BASE KINGS BAY SOLAR PROJECT

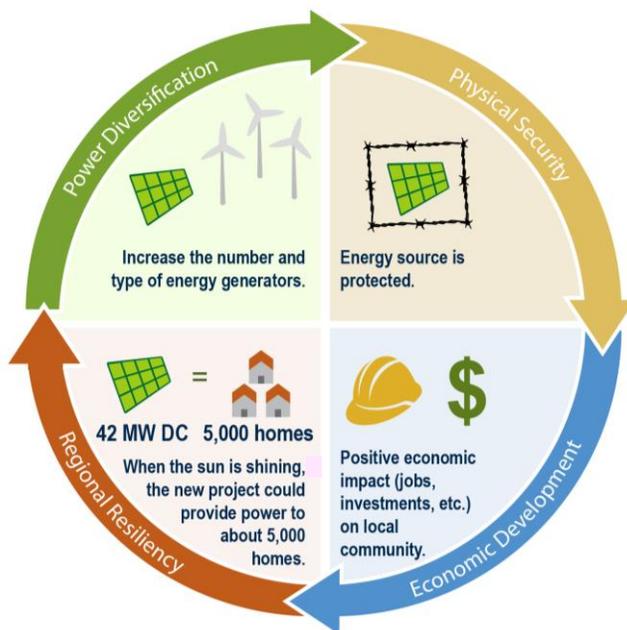
## PROJECT OVERVIEW

The Department of the Navy (DON) and Georgia Power are working together to develop a large-scale solar farm on Naval Submarine Base (SUBASE) Kings Bay.

Georgia Power will build, own, operate and maintain the 42 megawatt (MW) direct current (DC) or 30 MW alternating current (AC)\* solar farm, which will produce power for its customers, including SUBASE Kings Bay.

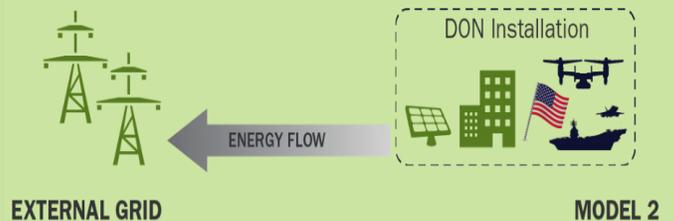
Adding cost-effective renewable energy provides fuel diversity, increased operational capacity and regional resiliency. In the event of an outage, Georgia Power may be able to redirect the asset's energy directly to the installation ensuring critical base operations continue.

Additional long-term project benefits include:



## PROJECT HIGHLIGHTS

- Approximately 258 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).
- Groundbreaking is planned for September 2015.
- Expected project completion by the end of 2016.
- Classified as a REPO model 2, this project will generate energy on site at Kings Bay and flow to the external grid for community consumption.



## ABOUT THE NAVY'S 1 GW INITIATIVE

The Secretary of the Navy established the Renewable Energy Program Office (REPO) in May 2014 to help the DON meet the expedited goal to 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.

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



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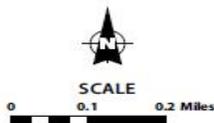
## ABOUT SUBASE KINGS BAY

Located in St. Marys, Georgia, SUBASE Kings Bay is the east coast home to the Ohio-class and Trident nuclear powered submarines. The base encompasses 16,997 acres and has a population over 15,000, which includes navy personnel, their family members and civilians. The surrounding community of Camden County is estimated to have 60,000 people. An award-winning installation, SUBASE Kings Bay was selected as the Navy's Commander-in-Chief's Installation Excellence Award winner for 2007. Additionally, the base received the Secretary of the Navy Energy Conservation Awards-- Platinum Level in 2013 and 2009 and Gold Level in 2012, 2011, 2010, 2008, 2007 and 2006.

## ABOUT GEORGIA POWER

Georgia Power is the largest subsidiary of Southern Company (NYSE: SO), one of the nation's largest generators of electricity. Value, Reliability, Customer Service and Stewardship are the cornerstones of the company's promise to 2.4 million customers in all but four of Georgia's 159 counties. Committed to delivering clean, safe, reliable and affordable energy at rates below the national average, Georgia Power maintains a diverse, innovative generation mix that includes nuclear, 21st century coal and natural gas, as well as renewables such as solar, hydroelectric and wind. Georgia Power continues to work to bring cost-effective solar generation to Georgia through innovative partnerships, including projects with the Department of the Navy.

## PROJECT SITE MAP



**Figure 1**  
**Proposed Solar Project Location**  
**Naval Submarine Base Kings Bay**  
 Camden County, Georgia