As the largest combined solar installation in the state of Florida, the 120 MWac Gulf Coast Solar Center portfolio spans an impressive 942 acres in Northwest Florida across three Department of Defense properties. This portfolio is the result of an important and collaborative public-private partnership between the United States Air Force, United States Navy, Pensacola-headquartered energy provider Gulf Power Company, and leading independent power producer (IPP) Coronal Energy, powered by Panasonic.

The 30 MWac solar facility at Eglin Air Force Base (AFB) Reservation is the largest solar installation on Air Force property worldwide. The 40 MWac and 50 MWac solar facilities at Naval Air Station (NAS) Whiting Field’s Navy Outlying Landing Field (NOLF) Holley and NAS Pensacola’s NOLF Saufley, respectively, are among the largest solar installations on Navy property.

Together, the nearly 1.5 million solar panels that comprise the Gulf Coast Solar Center portfolio will generate enough electricity to power approximately 18,000 homes each year and reduce CO₂ emissions by 3.5 million tons over 25 years, equivalent to removing 670,700 cars from the road for one year. This portfolio highlights the positive outcomes that arise when progressive organizations join forces to engineer 21st century solutions to meet the world’s most pressing issues — procuring clean, cost-effective solar energy for their customers, strengthening their energy independence and resilience, and taking a big step toward meeting the Department of Defense’s renewable energy targets.

DID YOU KNOW?

- One of the largest combined solar projects in Florida and east of the Mississippi River
- Generates 120 MWac of power annually to provide electricity to nearly 18,000 homes in Northwest Florida
- Spans 942 acres, or enough buildable acreage to fit 370 professional soccer fields
- Capable of reducing emissions by 3.5 million tons over 25 years; equivalent to removing 670,700 cars from the road for one year
- The nearly 1.5 million solar modules installed could almost cover the National Mall and Memorials in Washington, D.C.
- Used 139 million pounds of steel, enough to build Giants Stadium 5 times
- The 7.9 million zipties used would almost stretch the length of the Colorado River
- Construction created nearly 450 jobs; 98% of the work force has been locally hired
Portfolio Projects

The Gulf Coast Solar Center portfolio added nearly 450 locally hired jobs to the economy in Northwest Florida. The portfolio used SunLink Fixed Tilt arrays with a 20-degree tilt, several series of First Solar modules (Series 4AV2, AV3, and 4AV3G) with varied wattage (110W/112.5W/115W), and 65 SMA SC 2500-EV inverters.

Eglin AFB Reservation Solar Facility Gulf I

This 30 MWac solar facility is housed on reservation lands owned by Eglin Air Force Base and is the largest solar installation on Air Force property worldwide.

Location: Valparaiso, FL
System size: 30 MWac
Project size: 240 acres
System generating capacity (homes/year): 4,500 homes in Okaloosa County
Number of Modules: 371,325
Local laborers hired: 132
Steel used: 35,301,780 lbs

NAS Whiting Field’s NOLF Holley Solar Facility Gulf II

This 40 MWac solar facility is one of the largest solar installations on Navy property and makes use of a decommissioned landing field owned by NAS Whiting Field that would otherwise go unused.

Location: Navarre, FL
System size: 40 MWac
Project size: 336 acres
System generating capacity (homes/year): 6,100 homes in Santa Rosa County
Number of Modules: 472,800
Local laborers hired: 149
Steel used: 49,061,685 lbs

NAS Pensacola’s NOLF Saufley Solar Facility Gulf III

This 50 MWac solar facility is housed on a decommissioned landing field owned by NAS Pensacola. Like Holley, it is also one of the largest solar projects on Navy property.

Location: Bellview, FL
System size: 50 MWac
Project size: 366 acres
System generating capacity (homes/year): 7,400 homes in Escambia County
Number of Modules: 599,775
Local laborers hired: 165
Steel used: 57,735,287 lbs

PLEASE CONTACT US FOR ADDITIONAL INFORMATION.
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