



These photos of utility scale solar and energy storage projects are representative of the FL Solar 6 project.

FL Solar 6

The City of Gainesville will move toward achieving its 100% by 2045 renewable energy goal with the FL Solar 6 Solar + Storage project, the first utility-scale solar and battery storage project serving Gainesville Regional Utilities (GRU).

After a competitive solicitation process, FL Solar 6 by Origis Energy was unanimously approved by the Gainesville City Commission in July 2020 to deliver clean solar power to GRU customers, more cheaply than the current average cost of power, which means electricity rates will not be raised as a result of this project. The project also includes significant environmental and community benefits.

The project will be located southwest of Gainesville on up to 430 acres within a 638-acre tract of privately-owned rural land in Alachua County. All facilities associated with the solar project will be located north of CR 346. The project will deliver power through buried utility cables along SW 122nd Street to the GRU Parker Road Substation.

At the end of the project's life, the facility will be decommissioned according to a decommissioning plan to be filed with Alachua County.

Project Highlights



Operation Date

December 2022



Facility Details

Over 150,000 solar panels, manufactured by a Tier One solar panel manufacturer

Single Axis Tracking Technology

~16 utility-scale inverters

430 acre site



Installed Capacity

68 MW_{DC} / 50 MW_{AC}

115 GWh hours of electricity annually



Powering

11,072 Homes



Average Carbon Emissions Saved Over Coal

54,278 kgs



Storage Capacity

12 MW_{AC} DC-Coupled/
24MWh

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FL Solar 6 Environmental and Community Benefits

- A 75-foot minimum vegetative buffer will be established to screen the project from the view of neighboring properties and the traveling public.
- The ad valorem taxes paid by the facility will be significantly higher than those currently assessed for this same parcel.
- The project will be required to repair any damage to CR 346 resulting from construction traffic.
- An Interpretive Center is planned to provide an opportunity for educational programming to teach area schoolchildren and others about the benefits of renewable energy. Scheduled school trips will allow area students to see the facility. FL Solar 6 will construct an access road and viewing platform with educational placards at the site for use by educators, families, and the general public to learn about solar photovoltaic energy and battery energy storage systems.
- Pollinator habitats such as flowering native plants will create benefits for bees, butterflies, and other pollinators.
- Wildlife-friendly fencing will allow smaller animals to travel through the fence unobstructed.
- Vegetation on site will be managed through the presence of grazing sheep to minimize mowing.
- The design and location of the solar project will not result in the loss of significant cultural or historical resources.
- Origis has committed to providing grants to benefit the local community. These include a scholarship grant for deserving, financially disadvantaged college-bound high school students and a grant to a local non-profit organization.
- FL Solar 6 anticipates providing about 200 construction job openings, a majority of which are likely to be advertised and hired from the local workforce.

About the Team



About Gainesville Regional Utilities (GRU)

GRU is a citizen-owned, multi-service utility in Gainesville, Fla., providing reliable electric, natural gas, water, wastewater and telecommunications services to more than 93,000 retail and wholesale customers in Gainesville and the surrounding community. As an engaged participant in an innovative community, GRU offers programs and services to help customers manage their utility use and save money. GRU also has a proven commitment to renewable energy.



About Origis Energy

Origis Energy is bringing clean and cost effective solar and energy storage solutions within reach for utility, commercial and industrial as well as public sector clients. The Origis team has worked to ensure the interests of all stakeholders are upheld in over 150 projects worldwide totaling nearly 3 gigawatts to date of developed solar and energy storage capacity. Headquartered in Miami, FL, Origis Energy delivers excellence in solar and energy storage development, financing, engineering, procurement and construction (EPC) and operations, maintenance and asset management for investors and clean energy consumers in the US.

Construction Team

Prime EPC Contractor
Origis Technics USA



Operations, Maintenance & Asset Management
Origis Services
www.OrigisServices.com



Funding Entity

Origis Energy



For More Project Information See:

<http://origisenergy.com/projects/fl-solar-6-sand-bluff/>