



Photo of Tallahassee Solar I project completed December 2017.

## Tallahassee Solar II FL Solar 4

In December 2017, the City of Tallahassee and Origis Energy USA completed a 20 megawatt (MW) solar farm located at the Tallahassee International Airport (TLH). The new Tallahassee Solar II site now under construction on 280 acres of land at the

airport will be completed by the end of the year. Its capacity will be 55 megawatts (MW) DC, capable of powering up to 9,500 homes. Supporting the city's solar subscription program, the project is also a key component in city leadership's move to 100 percent renewable energy by 2050.

### PROJECT HIGHLIGHTS



#### Operation Date

December 2019



#### Powering

9,500+ Homes



#### Average Carbon Emissions Saved Over Coal

44,220 kgs



#### Facility Details

Over 100,000 Series 6 thin film solar panels, manufactured by First Solar, a Tier One U.S. solar panel manufacturer

25° fixed tilted rack technology

18 utility-scale inverters

280 acres at the Tallahassee International Airport (TLH)



#### Installed Capacity

55 MW<sub>DC</sub> / 42 MW<sub>AC</sub>

Tallahassee Solar II will be one of the largest in the state, capable of producing 84 million kilowatt (kWh) hours of electricity annually



# TALLAHASSEE SOLAR PROGRAM

Metric	Tallahassee I - FL Solar 1	Tallahassee II - FL Solar 4	Total
Capacity: MWp AC	20	42	62
Capacity: MWp DC	28	55	83
Carbon Emissions Saved Over Coal: kgs	22,512	44,220	66,732
Yearly Energy Yield: Annual Kilowatt Hours of Electricity (kWh)	37,000,000	84,000,000	121,000,000
Homes Powered	3,400	9,500	12,900
Land Use: Acres	120	280	400
Number of Solar Panels	234,000	128,856	362,856
First Solar Panel Model	Series 4	Series 6	
Output: Watts per Module	122.5	420+	

## ABOUT THE TEAM

### About the City of Tallahassee

Tallahassee is the capital of Florida – the Sunshine State. As an organization, the City of Tallahassee is one that remembers its past while focusing on the future. The City cherishes its natural environment, while ensuring economic opportunities for all citizens. As a responsive government, it provides excellent services and facilities that support a high quality of life for its community members. The City of Tallahassee is recognized nationally for its progressive policies and programs. Among its many honors, the City has won the coveted All-America City Award from the National Civic League twice. Learn more about the City's innovative programs and services at [www.talgov.com](http://www.talgov.com).

### About Tallahassee Solar

The City of Tallahassee Electric Utility is committed to enriching the quality of life in Tallahassee by providing clean and reliable electric service to its customers through a professional and diverse workforce that is committed to safe, responsible, cost effective and customer-focused operations. It is a vertically integrated electric utility with generation, transmission and distribution operations. As the 4th largest municipal electric utility in Florida and the 22nd largest in the United States (of over 2,000), it has 295 employees dedicated to meeting the city's electric service needs. More information at <http://www.talgov.com/you/solar.aspx>.

### About Origis Energy

Origis Energy is Powering the Solar Revolution<sup>SM</sup> with custom clean energy solutions for utility, commercial and public sector clients. The Origis team has worked to ensure the interests of all stakeholders are upheld in more than 100 projects worldwide totaling more than 1 GW to date of developed solar capacity. Headquartered in Miami, FL, Origis Energy USA 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 across Europe and the Americas. For more information, visit [www.OrigisEnergy.com](http://www.OrigisEnergy.com).

### Construction Team

**Prime EPC Contractor**  
Origis Technics USA

**Prime Subcontractor**  
Blattner Energy

**Operations & Maintenance**  
Origis Services  
[www.OrigisServices.com](http://www.OrigisServices.com)

### Funding Entities

Origis Energy USA, Inc.  
Global Atlantic Financial Group