



MS Solar 5 - Golden Triangle

These photos of utility scale solar and energy storage projects are representative of the MS Solar 5 project.

Tennessee Valley Authority (TVA) adds significantly to its renewable energy portfolio with the MS Solar 5 - Golden Triangle project, a first on several levels for the agency. Golden Triangle represents the first large scale solar project in Mississippi contracted by TVA. The project also represents the first contracted utility-scale energy storage project for TVA and its customers.

TVA is a national leader in carbon reduction — double the national utility average. Today, nearly 60 percent of the energy TVA produces comes from carbon-free sources. The Golden Triangle project, developed by Origis Energy, will contribute to TVA's continued push to grow clean energy in its seven-state service territory.

The solar plus energy storage facility is expected to come online in fall 2022.

PROJECT HIGHLIGHTS



Operation Date

October 2022



Facility Details

~650,000 solar panels, manufactured by a Tier One solar panel manufacturer

Single Axis Tracking technology

72+ utility-scale inverters



Installed Capacity

280 MW_{DC} / 200 MW_{AC}

500+ GWh hours of electricity annually



Powering

45,920 Homes



Average Carbon Emissions Saved Over Coal

225,120 kgs



Storage Capacity

50 MW_{AC} / 200MWh

ABOUT THE TEAM



About Tennessee Valley Authority (TVA)

The Tennessee Valley Authority is a corporate agency of the United States that provides electricity for business customers and local power distributors serving nearly 10 million people in parts of seven southeastern states. TVA receives no taxpayer funding, deriving virtually all of its revenues from sales of electricity. In addition to operating and investing its revenues in its electric system, TVA provides flood control, navigation and land management for the Tennessee River system, and assists local power companies and state and local governments with economic development and job creation.



About Origis Energy

Origis Energy makes Clean Energy Within ReachSM 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 over 2 gigawatts to date of developed solar and energy storage capacity. Headquartered in Miami, FL, Origis Energy delivers excellence in solar and energy storage development, construction and operation.

Construction Team

Prime EPC Contractor
Origis Technics USA



**Operations, Maintenance
& Asset Management**
Origis Services
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Funding Entities

Origis Energy



Global Atlantic
Financial Group

