Arlington Solar Farm Case Study

"Solar is an untapped resource in Georgia and ESA is pleased to be part of this significant milestone for solar development in the area."

-Jeffrey Burkett, President

Location: Arlington, Georgia

Utility: Georgia Power

System Size: 200kW

Footprint: 1 acre

Scope of Work: EPC

Construction Start Date: March 2010

Construction Completion Date: May 2010

Modules: Suniva 230Wp PV

Inverters: Advanced Energy 100kW & 30Kw

Monitoring System: ESA Renewables

Annual output: 292,000 + kWh

The Arlington solar farm is a 200kW PV ground mount located in Arlington, GA. The system is a significant milestone for large scale renewable energy projects in the Southeast. At one point, the project held the title of "Georgia's largest solar farm" until it was replaced by ESA's 1MW Blairsville installation. The array sits on approximately 1 acre of a Georgia pecan farm and all electricity generated from the system is sold back to Georgia Power under a five year PPA term. The Arlington project is one of the first PV grid tied installations with Georgia Power.

ESA Renewables was able to bring this project online within 30 days of beginning construction, which was well ahead of its scheduled completion date. The PV system will generate more than 310,000kWh of clean, sustainable energy per year, aiding Georgia in meeting its renewable energy goals.

ESA Renewables, LLC