



# Madison Solar

MADISON COUNTY, OHIO, USA

PERMITTING PHASE



## AT A GLANCE

### First Solar

DEVELOPER, OWNER, CONSTRUCTION

### 196MW AC

PROJECT SIZE

### Ground-Mount PV

TYPE

### ~400

PEAK CONSTRUCTION WORKFORCE

### ~37,000 HOMES

POWER OUTPUT EQUIVALENT  
(average Ohio homes)

### ~206,000 METRIC TONS

CO<sub>2</sub>e DISPLACED ANNUALLY\*

### ~40,000 CARS

OFF THE ROAD EVERY YEAR\*

First Solar, a leading provider of comprehensive solar energy solutions, is developing Madison Solar, a 196-megawatt (MW) alternating current (AC) solar project, located on approximately 1,500 acres of agricultural land near London, Ohio. First Solar is the project owner and will construct Madison Solar using its advanced, thin-film photovoltaic (PV) solar modules.

When fully operational, Madison Solar will generate approximately \$1.7 million annually in tax revenue and will provide greater than \$30 million to property owners in the project area. The project will connect to the First Energy Corporation's transmission system via a new 138KV substation.

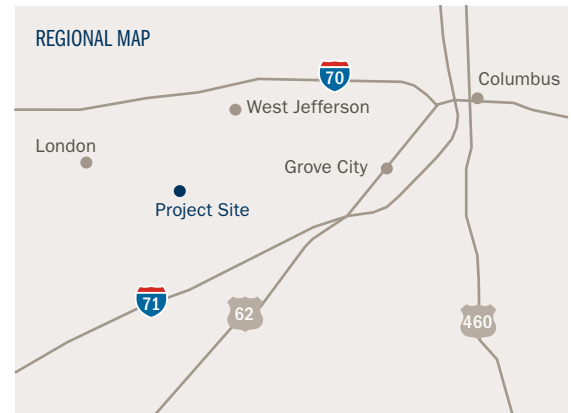
Madison Solar is currently going through the permitting process. Construction of the project is expected to begin as early as 2021, with operations commencing as early as 2022.

## PROJECT BENEFITS

- Attracts businesses to the new commercial and industrial megasite in Madison County
- Benefits businesses in Madison County when workers spend at local restaurants, hotels, and stores
- Project will be decommissioned at the end of its useful life and land can be returned to its previous use
- Generates significant property tax revenue for county without drawing on schools, police, fire or other public services
- Generates wages and benefits for approx. 400 construction jobs at peak
- No water used during operation and no emissions created to generate electricity
- Minimal noise and low visual profile

## PROJECT TIMELINE





## COMMUNITY

First Solar is committed to being a good neighbor through community involvement and the environmentally sensitive design of our solar projects. First Solar will engage the community, interest groups and business organizations as appropriate to ensure that Madison Solar remains a valued and respected business in Madison County.

Madison Solar will generate substantial income for the community and provide wages for approximately 400 construction jobs at peak, and create benefits for many local businesses. First Solar will seek to provide employment opportunities for qualified members of the community.

## ENVIRONMENT

First Solar projects have a low resource impact. When in operation, our quiet systems generate electricity with no water use, no air emissions, and no waste production. Mounted to metal racks, the PV panels are no higher than ten feet above ground and have a low visual profile.

The Madison Solar project site was carefully selected and will have minimal impact on the environment. The availability of land near existing electrical transmission facilities, the amount of sunlight and benefits to the local community were important considerations in the siting decision.

Construction planning for the project will include the implementation of effective drainage, appropriate dust control measures, and truck routes that will minimize traffic impacts.



## ABOUT FIRST SOLAR

First Solar is a leading global provider of comprehensive photovoltaic (PV) solar energy solutions that are taking energy forward. With more than 25 gigawatts (GW) shipped worldwide, we develop, finance, engineer, construct and operate some of the world's largest and most successful PV power plants in existence today. With nearly 5 GW of successful PV plants developed in North America and a growing pipeline of projects across the United States, no single company offers more development experience than First Solar. This includes an unmatched success rate with the highest levels of safety, reliability and efficiency for projects.

## CONTACT US

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