

## Renewable Energy in Indiana

245 MW Solar Farm, Blackford County

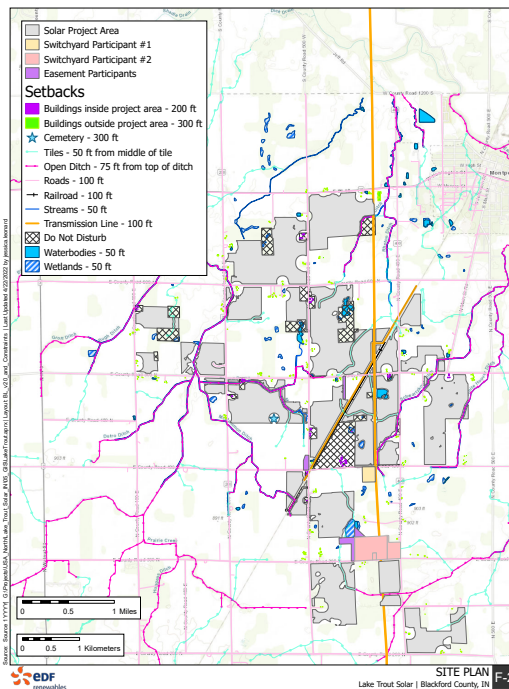
### Solar in Indiana

Solar energy is growing in Indiana! The state currently ranks 16th in the country for solar power generation with 1,618.8 MW of solar installed, enough power 204,840 homes. The solar industry has invested \$1,879.76 million in Indiana and anticipates a growth projection of 6,745 MW over the next 5 years. One of the many benefits of solar energy projects to host communities is the extra income it provides to landowners.\*

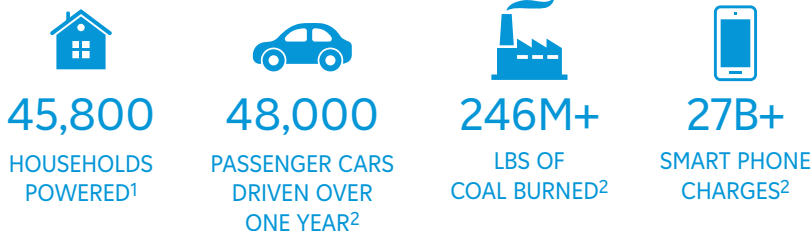
Lake Trout Solar is expected to generate 515,088,000 kilowatt-hours (KWh) of clean electricity each year.

\*www.seia.org

### Lake Trout Solar Project CURRENT SITE BOUNDARY



515,088,000 kWh IS EQUIVALENT TO...



<sup>1</sup>According to U.S. Energy Information Administration (EIA) 2020 Residential Average Monthly Bill by Census Division and State.

<sup>2</sup>According to U.S. EPA Greenhouse Gas Equivalencies calculations and typical transmission assumptions.

### WHY BLACKFORD COUNTY?

Land for the 245 MW Lake Trout Solar Project in Blackford County, Indiana was selected for a few reasons:

- Rising demand from regional utilities and commercial/industrial customers for locally generated solar energy.
- Primarily flat, cleared land with direct access to existing transmission infrastructure with available capacity.
- Private landowners interested in diversifying income and preserving real-estate assets.
- Fair and equitable siting process through Blackford County.
- Availability of local workforce for construction and long-term maintenance of the solar farm.

### Lake Trout ECONOMIC BENEFITS



~200-250

Temporary jobs during construction



~\$2M+

Total landowner payments per year of operation

~\$95M+

Cumulative landowner payments over the life of the project



~\$74M

Local tax revenues during project operation

# About the Lake Trout Solar Project

## SOLAR FARM COMPONENTS



1

Racking mounted on piles



2

Panels installed on racking



3

Inverter/Transformer Skid



4

Project substation (grid tie)



5

Aerial view of project



6

Land is revegetated

## THE MINIMAL IMPACTS OF SOLAR FARMS

A solar farm is a great example of low-impact land use, once operational, generates little-to-no perceptible noise, smell or pollution and has no impermeable surfaces or permanent land impacts. Solar is one of only a few land uses specifically designed to allow the land to be returned to its original use after its life as a solar facility.

## EDF RENEWABLES NORTH AMERICA AND GEENEX SOLAR

EDF Renewables announced the acquisition of 4.5 gigawatt (GWac) in solar assets from Geenex Solar, on October 16, 2020. The projects, which are located within PJM, brought to EDF Renewables the regional development expertise of Geenex, a leader of utility-scale solar development, while EDFR contributes with its financial and late-stage development expertise from a long-term owner and operator perspective. Project development talent from both teams will collectively work to prepare this project for construction and eventual operation.



## Community Engagement GOAL

Explore what is important to the community and identify the ways in which we can build a community partnership that will last throughout the life of the project.

## Community Engagement FOCUS

- Building relationships.
- Providing timely and accurate information during all project stages.
- Offering multiple platforms for the community to engage with the project team.
- Continuing community engagement throughout the project development cycle.
- Introducing the community to the education and workforce development opportunities that solar can bring them.



Let's talk energy.



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