



# Renewable Energy in Ohio

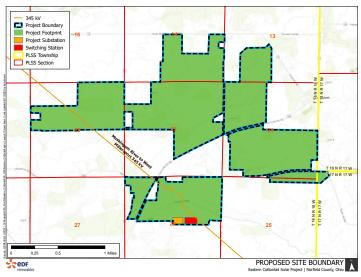
Solar Project, Fairfield County

## Solar in Ohio

Utility-scale solar is growing in Ohio. As of February 2021, 1,800+ megawatts (MW) of solar projects have been approved by the Ohio Power Siting Board (OPSB) and another 4,500+ MW of solar projects are seeking approval. These projects represent \$6+ billion of capital investment for Ohio creating 6,000+ construction jobs over the next five years and approximately \$50 million per year in local tax revenues.

#### **Eastern Cottontail**

#### **SOLAR PROJECT LOCATION**



This map is subject to change. The area is representative of the parcels involved and not the array area, which will have significant property line offsets and vegetative buffers.

Eastern Cottontail Solar is expected to generate at least 455,520,000 kilowatt-hours (KWh) of clean electricity each year.

#### 455,520,000 kWh IS EQUIVALENT TO...



43,469
HOUSEHOLDS

POWERED1



42,459

PASSENGER CARS DRIVEN OVER ONE YEAR<sup>2</sup>



218M+

LBS OF COAL BURNED<sup>2</sup>



23.9B+

SMART PHONE CHARGES<sup>2</sup>

<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 FAIRFIELD COUNTY?

- 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 realestate assets.
- Fair and equitable siting process through the Ohio Power Siting Board.
- Availability of local workforce for construction and long-term maintenance of the solar farm.

# **Eastern Cottontail Solar**POTENTIAL ECONOMIC BENEFITS



~400-500

Temporary jobs during construction



~\$2M+

Total landowner payments per year of operation



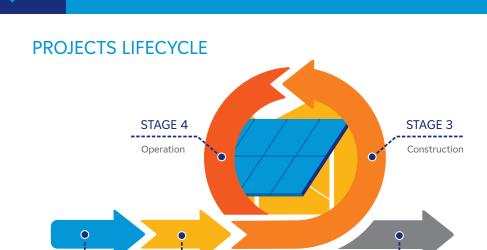
Cumulative landowner payments over the life of the project



\$9,000/MW
Annual local tax revenues

Annual local tax revenues during project operation

# About the Eastern Cottontail Solar Project





#### **ONE-TIME CONSTRUCTION PHASE**

Surveys and Studies

Power Marketing Permitting

Continued Community Engagement

STAGE 2

Economic Impacts to Fairfield County & Walnut Township \$147.1M\*

STAGE 5

Decommission



STAGE 1

Community Engagement

Site Assessment

# DIRECT EARNINGS | \$56.8M

Construction Phase Activity

### ECONOMIC OUTPUT \$90.3M

Inter-Industry & Supply Chain Spending & Household Income Spending

#### **TOTAL SUPPORTED** 675 JOBS

**450 FTE\***Direct Construction Phase

105 Indirect

120 Induced



For every direct construction phase job



additional jobs are supported in the regional economy

#### **ANNUAL OPERATIONS PHASE**

Economic Impacts to Fairfield County and Walnut Township \$3.7M\*



\*Preliminary Economic Findings

## DIRECT EARNINGS | \$806K

Operations Phase Activity

#### **ECONOMIC OUTPUT** \$1.8M

Inter-Industry & Supply Chain Spending & Household Income Spending

#### **TOTAL SUPPORTED** 14 JOBS

**7 FTE\*\***Direct Construction Phase

**3** Indirect **7** Induced



For every direct construction phase job



additional jobs are supported in the regional economy

\*\*1 job = 1 FTE (Full Time Equivalent) = 2,080 hours worked in a year







OFFICE HOURS
Tuesday 5pm-8pm
Saturday 8am-1pm
Or by appointment

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