



Eagle Creek Solar Park

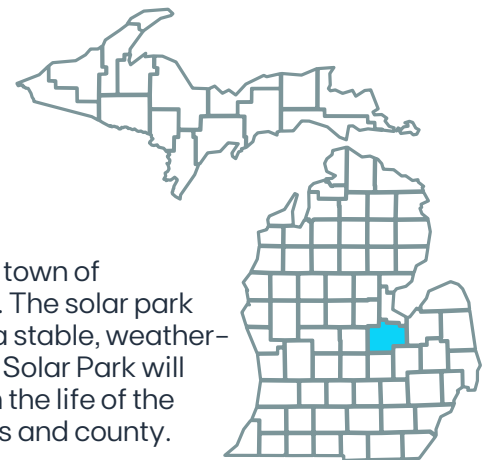
Saginaw County, Michigan

 Installed capacity: **120 MW**

 Estimated commercial operation: **2026**

 Installed capacity will be equivalent to the average consumption of more than **33,500 Michigan homes**.¹

The Eagle Creek Solar Park will be located in Saginaw County, west of the town of St. Charles in Fremont Township. Its namesake, Eagle Creek, flows nearby. The solar park will complement the area's agricultural resources, providing farmers with a stable, weather-resistant cash crop in the form of landowner lease payments. Eagle Creek Solar Park will also generate millions of dollars in payments to local governments through the life of the project, benefiting schools, health and fire departments, and the townships and county.



Economic benefits



\$250 million
CAPITAL INVESTMENT²



\$41 million
WILL BE PAID TO LOCAL
GOVERNMENTS



\$68 million
WILL BE PAID TO LANDOWNERS



Millions of dollars
WILL BE SPENT LOCALLY



PERMANENT JOBS³
Multiple jobs will be created



CONSTRUCTION JOBS³
250 jobs will be created

Energy security

Power generated at Eagle Creek will support the state of Michigan's electric grid. The solar site will also contribute to the **national energy security for the United States**, helping add on-demand power.

Solar as a neighbor

Solar projects are essentially silent neighbors designed to capture light while not producing glare, and the vegetation maintained beneath the panels helps keep temperatures cool for the surrounding environment.⁴

Solar panel technology

EDPR NA's solar panels are made up of a thin layer of solar PV cells sealed on both sides. **Panels contain no liquids and do not pose a risk to the environment or human health.**

Eagle Creek's environmental impact

The solar project will save more than **152 million gallons** of water each year and will prevent the air pollution that causes smog and acid rain.⁵

EDPR NA's impact in North America from solar energy⁶



\$41.8 million
PAID TO
LANDOWNERS



\$16 million
PAID TO LOCAL
GOVERNMENTS



4,400
CONSTRUCTION
JOBS CREATED



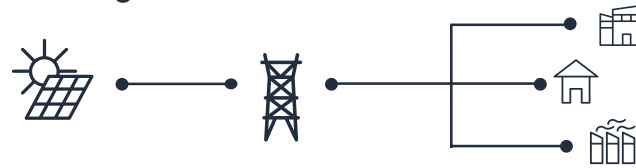
100
PERMANENT
JOBS CREATED



How solar energy works

EDPR NA uses photovoltaic (PV) solar cells. Photovoltaic solar cells have no moving parts and convert sunlight directly into electricity via the photoelectric effect. This direct-current electricity is then collected, transformed into alternating current, and finally put on the electrical grid through a substation after being converted to the proper voltage.

Power grid



Solar is one of the cheapest forms of energy.⁷

The cost of solar has fallen 71% in 10 years.⁸

Local experience with EDPR NA

“EDPR fits in with the town. They are community-oriented. Their employees are people who have also lived here a long time, so they want to see the whole community be a success.

Judy W., Landowner, New York



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¹ Power generation calculated using a 25% capacity factor. Household consumption based on the 2023 EIA Household Data monthly average consumption by state.

² Assumes utility fixed-tilt projects are \$1.02/Wdc, and single-axis tracking projects are \$1.11/Wdc. Based on Q3 2023 SEIA U.S. Solar Market Insight.

³ Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

⁴ American Clean Power Association, Solar as a neighbor, 2021.

⁵ Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

⁶ Based on EDP Renewables North America's Operational Solar Parks through 2024.

⁷ Lazard's Levelized Cost of Energy 2024 (version 17.0)

⁸ Based on American Clean Power Associations Annual Market Report, 2023.

About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with 61 wind farms, 26 solar parks, and eight regional offices across North America, EDPR NA has developed more than 12,000 megawatts (MW) and operates more than 11,400 MW of onshore utility-scale renewable energy projects. With more than 1,000 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

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