

Riverstart Solar II

Randolph County, Indiana



- Installed capacity: **up to 125 MW**
- Commercial operation: **2028**
- Homes powered: **35,000 Indiana homes**[1]

Riverstart Solar II will build on EDP Renewables' existing Riverstart Solar facility, which consists of three operational phases, powering the equivalent of more than 91,000 local Hoosier homes and businesses. Riverstart Solar II will also complement the area's agricultural resources with a stable, weather resistant cash crop in the form of landowner lease payments.

$70 million
Revenue for landowners

Approx. $30 million
Revenue for public services

Approx. 350+
Construction jobs

$2 million
Local spending during construction

EDPR NA in Randolph County
Scan the QR code to watch how renewable energy has strengthened Randolph County's economy and local power grid.





Energy security

Power generated at this site will **strengthen Indiana's electric grid while contributing to broader U.S. energy security** by diversifying domestic power supply.

Solar as a neighbor

Solar projects are designed to **capture light silently and without producing glare**. The vegetation maintained beneath the panels helps mitigate heat.[2]

Solar panel technology

EDPR NA's solar panels consist of a thin layer of photovoltaic cells sealed on both sides, containing no liquids and **posing no risk to the environment or human health**.

Economic data reflects the estimated amount throughout the life of the project.

riverstart.com

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Riverstart Solar II's environmental impact

This project will conserve over **158 million gallons** of water annually and reduce air pollution linked to smog and acid rain.[3]

EDPR NA: Powering North America with solar energy[4]

850,000
Homes powered annually

$47.6 million
Revenue for landowners to date

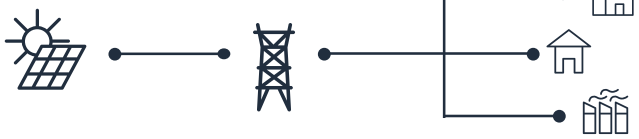
$31 million
Revenue for public services to date

4,900 jobs
Permanent & construction to date



How solar energy works

EDPR NA uses photovoltaic (PV) solar cells, which convert sunlight directly into electricity. The resulting direct-current electricity is then collected, converted to alternating current, adjusted to the proper voltage, and delivered to the electrical grid.



Solar has become one of the most **affordable forms of energy,** with costs falling 71% over the past decade.[5,6]

Local experience with EDPR NA



"The tax revenue that's coming in from these projects is helping everybody in the community; the local townships, the fire and safety, the schools, and the local units. We're able to upgrade roads that we wouldn't have had the tax dollars to do before. You're going to be hard pressed in this county to find a negative side to what's happened with us here."

Steve B., Landowner & Former White County Commissioner, IN

Scan the QR Code to explore educational resources on renewables and how we are empowering local economies, as well as meeting rising energy demands.

Scan the QR Code using the camera on your mobile device.

[1] Power generation calculated using a 25% capacity factor. Household consumption based on the 2024 EIA Household Data monthly average consumption by state.

[2] American Clean Power Association, Solar as a neighbor, 2021.

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

[4] Based on EDP Renewables North America's operational solar sites through 2025.

[5] Lazard's Levelized Cost of Energy 2024 (version 17.0)

[6] 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, 29 solar parks, four energy storage sites, and eight regional offices across North America, EDPR NA has developed more than 12,900 megawatts (MW) and operates more than 12,300 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.

For more information, visit **www.edprnorthamerica.com.**

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