



Rock Dane Solar and Energy Storage

Rock and Dane County, Wisconsin

⚡ Installed capacity: **100 MW Solar + 70 MW Energy Storage**

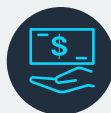
🏠 Commercial operation: **2029**

🏠 Homes powered: **41,500 Wisconsin homes¹**

Rock Dane Solar and Energy Storage would lie just between the towns of Stebbinsville and Edgerton. The project layout is approximately 870.5 acres and would be sited on land primarily used for agricultural farmland. The project would also provide long-term economic value for the surrounding community.



\$200 million
Capital investment



\$17+ million
Utility aid payments



\$20+ million
Revenue for landowners



\$10+ million
Local goods and services



Multiple
Permanent jobs



Hundreds
Construction jobs

Energy security

Power generated at this site will **strengthen Wisconsin'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

Energy storage safety

Lithium-ion batteries used in energy storage are already a part of daily life — found in cell phones, laptops, and power tools. These facilities are highly regulated to ensure the safety of neighbors and communities.

**All economic data reflects the estimated amount throughout the life of the project, with local spending projections based on existing operational sites in EDP's NA's portfolio.*

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Rock Dane Solar and Energy Storage's environmental impact

This project will conserve over **186 million gallons** of water annually and reduce air pollution linked to smog and acid rain.³

EDPR NA: Powering North America with solar energy⁴



830,000
Homes powered



\$45.7 million
Revenue for
landowners



\$30 million
Revenue for
public services

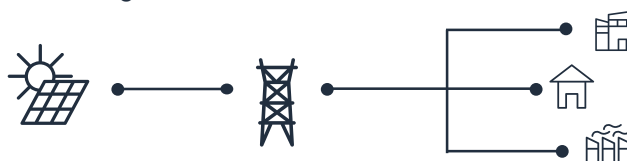


4,700 jobs
Permanent &
construction



How solar energy works

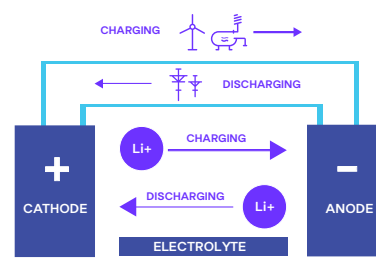
EDPR NA uses photovoltaic (PV) solar cells, which convert sunlight directly into electricity. The resulting direct-current electricity is then collected, converted to alternating current, adjusted to the proper voltage, and delivered to the electrical grid.



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

How energy storage works

Energy storage systems capture excess electricity from the electric grid during off-peak periods and release it during times of high demand — including extreme weather events when power generation may be limited.



Energy storage systems are fuel-neutral, meaning they can capture and dispense electricity from a wide range of sources, including oil, gas, coal, nuclear, geothermal, and EDPR NA's own wind and solar projects.

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 2023 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 Association's 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, 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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