Dickinson Community Solar

Broome County, New York

Installed capacity: **5.1 MW**

Online since: **2025**

Cost savings for the community: **$1.4 million over 25 years**

This community solar project delivers power to than 100 homes and businesses in Broome County, including Ulta Beauty and New York Central Mutual Insurance. Dickinson Community Solar will reduce electricity costs for local subscribers and generate cost-effective renewable energy that strengthens upstate New York's electric grid.

EDPR NA in New York

705 MW
installed capacity

Generates electricity equivalent to the consumption of more than **304,200 New York homes**.[1]

Saves more than **1.2 billion gallons of water** each year and prevent the air pollution that causes smog and acid rain.[2]

Economic benefits

ACROSS NEW YORK

$87.7 million
TAX REVENUE

$205 million
TOTAL ECONOMIC IMPACT

$70.9 million
IN-STATE SPENDING

$46 million
LANDOWNER PAYMENTS

80+ jobs
CONSTRUCTION JOBS

Cost Savings

The Dickinson project is expected to **save local subscribers $1.4 million** in electricity costs over the next 25 years.

Environmental sustainability and public health

Approximately **2,450 metric tons of carbon dioxide emissions will be avoided** over the lifetime of this community solar project, reducing the region's carbon footprint and supporting New Yorkers' public health.

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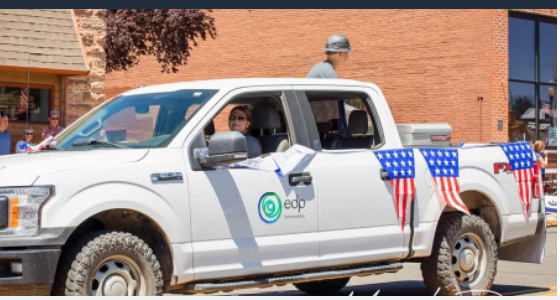
EDPR NA's impact in North America from solar energy[3]

$41.8 million
PAID TO LANDOWNERS

$16 million
REVENUE TO LOCAL GOVERNMENTS

4,400
CONSTRUCTION JOBS CREATED

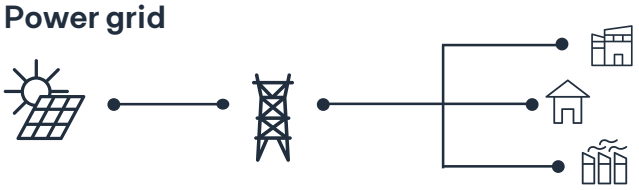
100
PERMANENT JOBS CREATED



How community solar works

Community solar provides clean, affordable, local power to homes and businesses—without the need to install onsite solar panels. Subscribing to community solar requires zero upfront investment and offers a fixed discount to credits generated by the project. Community solar creates investment in local economies, helps businesses achieve ESG and net-zero goals, and provides long-term electricity cost savings to all subscribers.

Power grid



Solar is one of the cheapest forms of energy.[4]

The cost of solar has fallen 71% in 10 years.[5]

Local experience with EDPR NA

"Success breeds success, and with this project, we have another case study to point to the benefits of solar energy in New York. From ratepayer savings to local economic impacts, this is a win for the region and the state."

Marguerite Wells, Executive Director, Alliance for Clean Energy New York

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

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

[1] Power generation calculated using a 35% capacity factor for wind based on 2022 AWEA Wind Powers America Annual Report. Solar power generation is based on power generation calculated using a 25% capacity factor. Household consumption based on the 2024 EIA Household Data monthly average consumption by state

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

[3] Based on EDP Renewables North America's operational solar sites through 2024.

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

[5] Based on American Clean Power Associations Annual Market Report, 2023.

About us

At EDPR NA Distributed Generation (EDPR NA DG), accelerating the adoption and success of distributed generation is at the core of our mission. EDPR NA DG provides cutting-edge innovative renewable energy services across North America. Built on long-standing relationships with developers, power generators, corporate purchasers, municipalities and local communities, EDPR NA DG delivers a full suite of offerings ranging from financing and development to construction and operation of energy and storage assets poised to scale.

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

EDPR NA Distributed Generation
New York Office

100 Park Avenue, 24th Floor
New York, New York, 10017

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