


Azalea Springs Solar

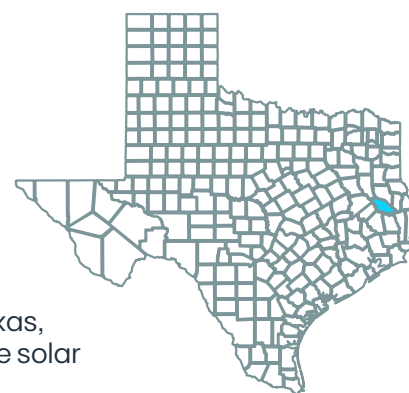
Angelina County, Texas

 Installed capacity: **180 MW**

 Online since: **2025**

 Generation is equivalent to the average consumption of more than **27,800 Texas homes**.¹

Azalea Springs Solar is located in the northwest corner of Angelina County, Texas, about 10 miles northwest of Lufkin and 17 miles southwest of Nacogdoches. The solar park is sited on land that was primarily used as a timber site.



Economic benefits



\$75 million
TOTAL PROJECT IMPACT²



PERMANENT JOBS⁵
Multiple jobs created



\$35 million
REVENUE FOR LOCAL GOVERNMENTS³



Approximately \$40 million
LOCAL AND REGIONAL SPEND⁴



CONSTRUCTION JOBS⁵
Up to 250 jobs created

Energy security

Power generated at Azalea Springs will support the state of Texas' electric grid. The solar park will also contribute to the **national energy security for the United States**, helping diversify domestic supply.

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 mitigate the possibility of heat increases.⁶

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.**



Azalea Springs' environmental impact

The solar site will save more than **228 million gallons** of water each year and will prevent the air pollution that causes smog and acid rain.⁷

EDPR NA's impact in North America from solar energy⁸



\$41.8 million

PAID TO LANDOWNERS



\$16 million

PAID TO LOCAL GOVERNMENTS



4,400

CONSTRUCTION JOBS CREATED



100

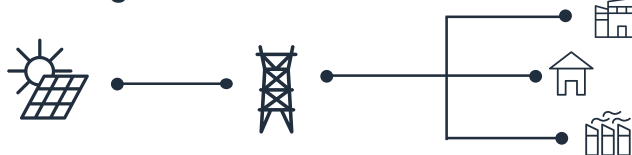
PERMANENT JOBS CREATED



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.⁹

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

Local experience with EDPR NA

“Money isn’t everything, but it takes money to make the world go ‘round. The community from construction time, the little grocery stores, the tire shops, mechanic shops, gravel truck guys...they all get a little job out of it. And that’s just where the money begins. The schools get big money out of it. It’s for more than just us landowners, it’s for the whole community.”



Leo L., Landowner, Texas

Scan the QR Code to explore educational resources on renewables and how we are empowering local economies, as well as meeting today’s 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 Includes total contributions of local spend and revenue for local governments.

³ Estimated contributions through the life span of the project.

⁴ Includes the local and regional spend to date.

⁵ Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080. During construction, on average over 150 jobs were utilized throughout 18 months of construction with 250 jobs at peak of construction.

⁶ American Clean Power Association, Solar as a neighbor, 2021.

⁷ Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

⁸ Based on EDP Renewables North America’s Operational Solar Parks through 2024.

⁹ Lazard’s Levelized Cost of Energy 2024 (version 17.0)

¹⁰ 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. For more information, visit www.edprnorthamerica.com.

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