



Crooked Lake Solar Park

Mississippi County, Arkansas

Crooked Lake Solar Park is a 175 MW utility-scale solar facility located in the northeast corner of Mississippi County, approximately three and a half miles east of downtown Blytheville. The solar park will be located in a primarily rural area and, if constructed, will provide an economic benefit to the surrounding community. The solar park will be sited on land leased from local landowners who recognize the benefits of hosting a solar project. Lease payments will serve as a stable, weather-resistant cash crop that complements the area's agricultural economy.



 **175 MW**
Online since **2023**



Crooked Lake Solar Park's generation will be equivalent to the average consumption of more than **28,700 Arkansas homes**.¹



Crooked Lake Solar Park will save more than **222 million gallons** of water each year and will prevent the air pollution that causes smog, acid rain, and climate change.²

Economic Benefits



CAPITAL INVESTMENT³
\$200 + million



Approximately \$12.4 million
WILL BE PAID TO LOCAL GOVERNMENTS



\$106.2 million
WILL BE PAID TO LANDOWNERS



\$16 + million
WILL BE SPENT LOCALLY⁴



PERMANENT JOBS⁵
6 jobs will be created



CONSTRUCTION JOBS⁵
330+ jobs will be created



About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms, solar parks, and energy storage systems throughout North America. Headquartered in Houston, Texas, with 60 wind farms, 14 solar parks, and eight regional offices across North America, EDPR NA has developed more than 10,200 megawatts (MW) and operates more than 9,300 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.

EDPR NA is a wholly owned subsidiary of EDP Renewables (Euronext: EDPR), a global leader in the renewable energy sector. EDPR is a global leader in renewable energy development with a presence in 28 regions in Europe, North America, South America and Asia-Pacific. With headquarters in Madrid and leading regional offices in Houston, São Paulo and Singapore, EDPR has a sound development portfolio of top-level assets and market-leading operating capacity in renewable energies. Particularly worthy of note are onshore wind, distributed and large-scale solar, offshore wind (OW - through a 50/50 joint venture), and technologies to complement renewables such as storage and green hydrogen.

EDPR's employee-centered policies have received recognition such as Top Workplace 2023 in the USA, Top Employer 2023 in Europe (Spain, Italy, France, Romania, Greece, Portugal and Poland) Colombia and Brazil, and are also included in the Bloomberg Gender-Equality Index.

EDPR is a division of EDP (Euronext: EDP), a leader in the energy transition with a focus on decarbonization. Besides its strong presence in renewables (with EDPR and hydro operations), EDP has an integrated utility presence in Portugal, Spain and Brazil including electricity networks, client solutions and energy management.

EDP - EDPR's main shareholder - has been listed on the Dow Jones Index for 16 consecutive years, recently being named the most sustainable electricity company on the Index.

For more information, visit www.edpr.com/north-america.



Crooked Lake Solar Park will consist of state-of-the-art, single-axis tracking PV panels on a site of approximately 1,800 acres.



Power generated at Crooked Lake Solar Park will support **Arkansas' electric grid.**



Crooked Lake Solar Park will **help strengthen the energy security** for the state of Arkansas and the United States, helping diversify domestic supply.



In the first three quarters of 2023, solar energy comprised of **48% of all new generating capacity.**⁶



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¹Power generation calculated using a 25% capacity factor. Household consumption based on the 2022 EIA Household Data monthly average consumption by state.

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

³Assumes the average cost of an installed solar photovoltaic system is \$0.90/watt for a utility-scale project. Based on 2019 SEIA U.S. Solar Market Insight.

⁴Includes vendor spending, property taxes, landowner payments, and wages from site jobs. These numbers are presented for example purposes only, and actual payments may vary.

⁵Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

⁶Solar Energy Industries Association, Solar Data Cheat Sheet, 2023.