

# Crooked Lake Solar Park

Mississippi County, Arkansas

Crooked Lake Solar Park is a proposed 175 MW utility-scale solar facility located in the northeast corner of Mississippi County, AR, approximately three and a half miles east of downtown Blytheville. The solar park would be located in a primarily rural area and, if constructed, would provide an economic benefit to the surrounding community. The solar park would be sited on land leased from local landowners who recognize the benefits of hosting a solar project. Lease payments would serve as a stable, weather-resistant cash crop that complements the area's agricultural economy. Crooked Lake Solar Park could commence construction as early as 2023, enabling full operations to be achieved by 2024.



## 175 MW

ESTIMATED COMMERCIAL  
OPERATION DATE **2024**



Crooked Lake Solar Park's generation would be equivalent to the average consumption of more than **30,000 Arkansas homes**.<sup>1</sup>



Crooked Lake Solar Park would save more than **222 million gallons** of water each year and prevents the air pollution that causes smog, acid rain, and climate change.<sup>2</sup>

## Economic Benefits



CAPITAL INVESTMENT  
**\$200 million+**



**Approximately \$12.4 million**  
WOULD BE PAID TO LOCAL GOVERNMENTS



**Millions of dollars**  
WOULD BE PAID TO LANDOWNERS



**Millions of dollars**  
WOULD BE SPENT LOCALLY



**Multiple permanent jobs**  
WOULD BE CREATED



**Hundreds of construction jobs**  
WOULD BE CREATED



Crooked Lake Solar Park would 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 would **contribute to the national energy security** for the state of Arkansas and the United States, helping diversify domestic supply.



In 2021, **solar energy represented nearly 46 percent of all newly installed U.S. electric capacity.**<sup>7</sup>

## 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 58 wind farms, nine solar parks, and eight regional offices across North America, EDPR NA has developed more than 8,800 megawatts (MW) and operates more than 8,200 MW of onshore utility-scale renewable energy projects. With more than 950 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 the fourth largest renewable energy producer worldwide with a presence in 28 markets across Europe, North America, South America, and Asia Pacific. EDPR has a robust development portfolio with first-class assets and a market-leading operational capability in renewables. These include wind onshore, utility scale and distributed solar, wind offshore (through its 50/50 JV – OW), and technologies complementary to renewables such as batteries and green hydrogen.

EDPR is a division of EDP (Euronext: EDP), a leader in the energy transition with a focus on decarbonization. EDP – EDPR's main shareholder – has been listed on the Dow Jones Index for 14 consecutive years, recently being named the most sustainable electricity company on the Index.

For more information, visit [www.edpr.com/north-america](http://www.edpr.com/north-america).



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<sup>1</sup>Power generation calculated using a 25% capacity factor. Household consumption based on the 2020 EIA Household Data monthly average consumption by state.

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

<sup>7</sup>Based on SEIA and Wood Mackenzie, Power & Renewables U.S. Solar Market Insight Q2 2022.