

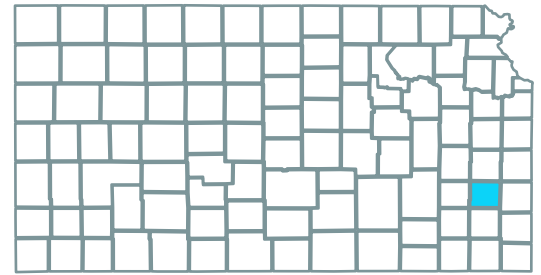


# Prairie Queen Wind Farm

Cloud County, Kansas



Prairie Queen Wind Farm is located in northeastern Allen County, near the cities of Moran and La Harpe. The project complements the area's mixed agricultural landscape, providing local farmers with a stable, drought-resistant cash crop in the form of landowner lease payments.



 **199 MW**  
ONLINE SINCE **2019**



Prairie Queen Wind Farm's generation is equivalent to the average consumption of more than **54,700 Kansas homes**.<sup>1</sup>



Prairie Queen saves more than **353 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<sup>3</sup>  
**\$338 million**



**\$500,000**  
PAID TO LOCAL GOVERNMENTS<sup>5</sup>



**\$3.8 million**  
PAID TO LANDOWNERS<sup>4</sup>



**\$28.4 million**  
SPENT LOCALLY<sup>6</sup>



PERMANENT JOBS<sup>7</sup>  
**12 jobs created**



CONSTRUCTION JOBS<sup>7</sup>  
**174 jobs 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, 12 solar parks, and eight regional offices across North America, EDPR NA has developed more than 9,600 megawatts (MW) and operates more than 8,900 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 Workplaces 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](http://www.edpr.com/north-america).



Prairie Queen Wind Farm consists of **48 Gamesa G132 3.55 MW wind turbines and 11 Gamesa G126 2.625 MW wind turbines.**



**Great Plains Energy** purchases energy from Prairie Queen.<sup>8</sup>



Prairie Queen **helps strengthen energy security** for the state of Kansas and the United States, helping diversify domestic supply.



Wind is the **largest source of renewable electricity** generation in the United States, providing 10.1% of the country's electricity.<sup>9</sup>



### Prairie Queen Wind Farm Operations & Maintenance Office

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<sup>1</sup>Power generation calculated using a 35% capacity factor for wind based on 2019 AWEA Wind Powers America Annual Report. Household consumption based on the 2022 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>3</sup>Assumes the average cost of an installed wind farm is \$1.7 million/MW for projects built between 2012 and 2016 and \$1.4 million/MW for projects built after 2018. Based on U.S. DOE 2015 and 2019 Wind Technologies Market Report.

<sup>4</sup>Cumulative landowner payments from 2020 through 2023.

<sup>5</sup>Cumulative local government payments through 2022.

<sup>6</sup>Includes vendor spending, landowner payments, and wages from site jobs from 2020 through 2023.

<sup>7</sup>Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

<sup>8</sup>Prairie Queen Wind Farm Offtakers: Great Plains Energy (PPA).

<sup>9</sup>American Clean Power Association, Wind Power Facts, 2023.