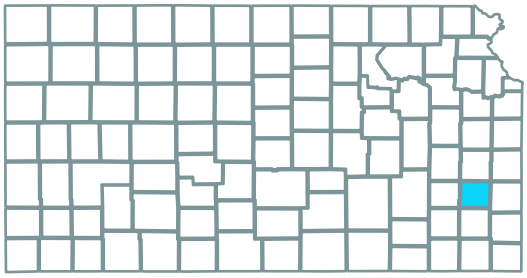
Prairie Queen Wind Farm

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 **54,000 Kansas homes**.[1]

Prairie Queen saves more than **355 million gallons** of water each year and prevents the air pollution that causes smog, acid rain, and climate change.[2]

Economic Benefits

CAPITAL INVESTMENT[3]
$278 million+

Millions of dollars
WILL BE PAID TO LOCAL GOVERNMENTS[4]

Millions of dollars
PAID TO LANDOWNERS

$2.8 million+
SPENT LOCALLY[5]

PERMANENT JOBS[6]
21 jobs created

CONSTRUCTION JOBS[6]
350 jobs created

All economic data reflects the estimated amount throughout the life of the project.

© 2023 EDP Renewables North America. All Rights Reserved.

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.[7]

Prairie Queen **provides to the national 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 13%** of the country's electricity.[8]

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**.

Prairie Queen
WIND FARM

Prairie Queen Wind Farm Operations & Maintenance Office

3517 South Dakota Road
Moran, KS 66755

620.570.6017
PrairieQueen@edpr.com

[1] Power generation calculated using a 35% capacity factor for wind based on 2019 AWEA Wind Powers America Annual Report. Household consumption based on the 2018 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] Assumes the average cost of an installed wind farm is $1.4 million/MW for projects built after 2018. Based on U.S. DOE 2018 Wind Technologies Market Report.

[4] Cumulative local government payments from 2010 through 2020.

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

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

[7] Prairie Queen Wind Farm Offtakers: Great Plains Energy (PPA).

[8] American Clean Power Association, 2022.

© 2023 EDP Renewables North America. All Rights Reserved.