

Redbed Plains Wind Farm

Grady County, Oklahoma



Redbed Plains Wind Farm is located 25 miles southwest of Oklahoma City in central Oklahoma. Located in northern Grady County, the wind farm complements the area's mixed agricultural production of cropland and pasture, providing local agricultural producers with a stable revenue stream in the form of landowner lease payments.

99 MW

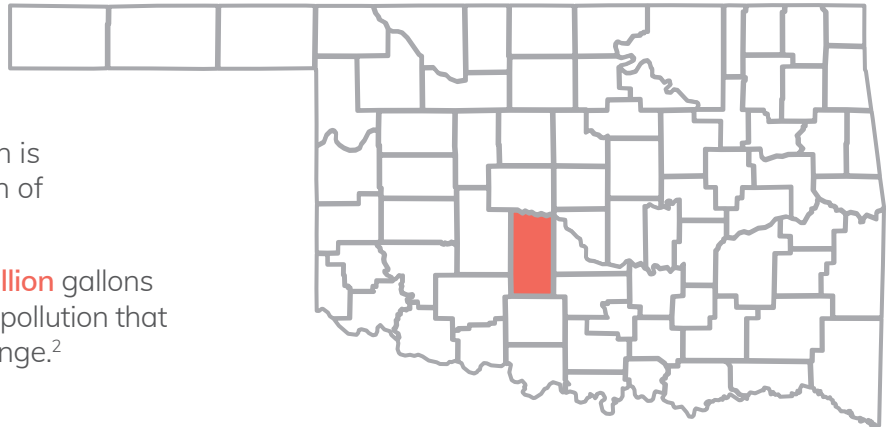
ONLINE SINCE 2017



Redbed Plains Wind Farm's generation is equivalent to the average consumption of more than **22,000 Oklahoma homes**.¹



Redbed Plains saves more than **176 million** gallons of water each year and prevents the air pollution that causes smog, acid rain, and climate change.²



Economic Benefits



CAPITAL INVESTMENT³
\$158 million



\$5.8 million+
PAID TO LOCAL GOVERNMENTS⁴



\$2.2 million+
PAID TO LANDOWNERS



\$8 million+
SPENT LOCALLY⁵



PERMANENT JOBS⁶
5 jobs created



CONSTRUCTION JOBS⁶
114 jobs created





Redbed Plains consists of 31 Gamesa G114 2.1 MW turbines and 17 Gamesa G114 2.0 MW turbines.



Power generated at Redbed Plains supports the nation's electric grid.⁷



Redbed Plains will provide national energy security and helps diversify domestic supply.



Wind is the top renewable energy source in the U.S., supplying 8.4 percent of all utility-scale 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, eight solar parks, and seven regional offices across North America, EDPR NA has developed more than 8,300 megawatts (MW) and operates more than 8,000 MW of onshore utility-scale renewable energy projects. With more than 800 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDP Renewables (Euronext: EDPR), is a global leader in the renewable energy sector and the world's fourth-largest renewable energy producer. With a sound development pipeline, first class assets, and market-leading operating capacity, EDPR has undergone exceptional development in recent years and is currently present in 17 international markets (Belgium, Brazil, Canada, Chile, Colombia, France, Greece, Hungary, Italy, Mexico, Poland, Portugal, Romania, Spain, the United Kingdom, the United States, and Vietnam). Energias de Portugal, S.A. (EDP), the principal shareholder of EDPR, is a global energy company and a leader in value creation, innovation, and sustainability. EDP has been included in the Dow Jones Sustainability Index for 13 consecutive years.

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



¹Power 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.

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.

⁴Cumulative local government payments from 2010 through 2020.

⁵Includes vendor spending, property taxes, landowner payments and wages from site jobs.

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

⁷Redbed Plains Wind Farm Offtakers: Offtakers privately purchase energy from Redbed Plains Wind Farm.

⁸Based on U.S. Energy Information Administration, March 2021.

**Redbed Plains Wind Farm
Operations & Maintenance Office**

1421 County Road 1190 • Tuttle, OK 73089
P: 405-381-9646 • redbedplains@edpr.com