

OKLAHOMA: Arbuckle Mountain



Arbuckle Mountain Wind Farm is located on Oklahoma ranchland among the Arbuckle Mountains in Murray and Carter Counties. The turbines are approximately 15 miles north of Ardmore on the rolling, windy landscape of south central Oklahoma.



100 MW

ONLINE SINCE 2015



Arbuckle Mountain Wind Farm produces enough electricity to power more than **22,000** Oklahoma homes.¹

Economic Benefits



Arbuckle Mountain represents a capital investment of approximately **\$170 million**.²



Millions of dollars in payments to local governments through the life of the project.³



More than **\$3.2 million** paid to local landowners through 2019.



Created **148** full-time equivalent jobs during construction and **3** permanent jobs during the life of the project.⁴



\$6 million spent within 50 miles of the wind farm through 2019.⁵



Lincoln Electric System purchases energy from Arbuckle Mountain.⁶

Turbine Technology



Arbuckle Mountain Wind Farm consists of 50 Vestas V110 2 MW wind turbines.

About Us

EDP Renewables North America LLC (EDPR NA) and its subsidiaries develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with 52 wind farms, eight solar parks, and seven regional offices across North America, EDPR NA has developed more than 7,300 megawatts (MW) and operates more than 7,000 MW of renewable energy projects. With more than 700 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDPR NA is owned by EDP Renováveis, S.A. (EDP Renewables or EDPR), a global leader in the renewable energy sector and the world's fourth-largest wind 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 14 markets (Belgium, Brazil, Canada, Colombia, France, Greece, Italy, Mexico, Poland, Portugal, Romania, Spain, the United Kingdom, and the United States). 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 or www.edprnorthamerica.com

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 the average cost of an installed wind farm is \$1.7 million/MW for projects built between 2012 and 2016. Based on [U.S. DOE 2015 Wind Technologies Market Report](#).

³Cumulative local government payments from 2010 through 2019.

⁴Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

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

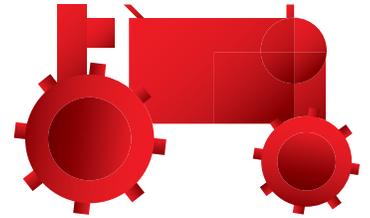
⁶Arbuckle Mountain Wind Farm Offtakers: Lincoln Electric System (PPA).

⁷Assumes 0.58 gallons of water consumed per kWh of conventional electricity from [Lee, Han, & Elgawainy 2016](#).

⁸Based on [2019 AWEA Wind Powers America Annual Report](#).



Arbuckle Mountain Wind Farm saves more than **177 million** gallons of water each year.⁷



Arbuckle Mountain Wind Farm is compatible with other land uses.



POWERING THE USA
Wind is the top renewable energy source in the U.S., supplying 7 percent of all electricity.⁸



Arbuckle Mountain Wind Farm provides energy security and helps diversify supply.



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