

# Lone Star Wind Farm

Shackelford and Callahan Counties, Texas



Lone Star Wind Farm consists of two phases and is located in west Texas in Shackelford and Callahan Counties, approximately 15 miles northeast of downtown Abilene. With a limited number of rural residences in the area, the land is used primarily for ranching and oil and gas.

## 400 MW

ONLINE SINCE 2007



Lone Star Wind Farm's generation is equivalent to the consumption of more than **86,000 Texas homes**.<sup>1</sup>



Lone Star saves more than **711 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>  
**\$880 million**



**\$40.4 million+**  
PAID TO LOCAL GOVERNMENTS<sup>4</sup>



**\$24.9 million+**  
PAID TO LANDOWNERS



**\$62 million+**  
SPENT LOCALLY<sup>5</sup>



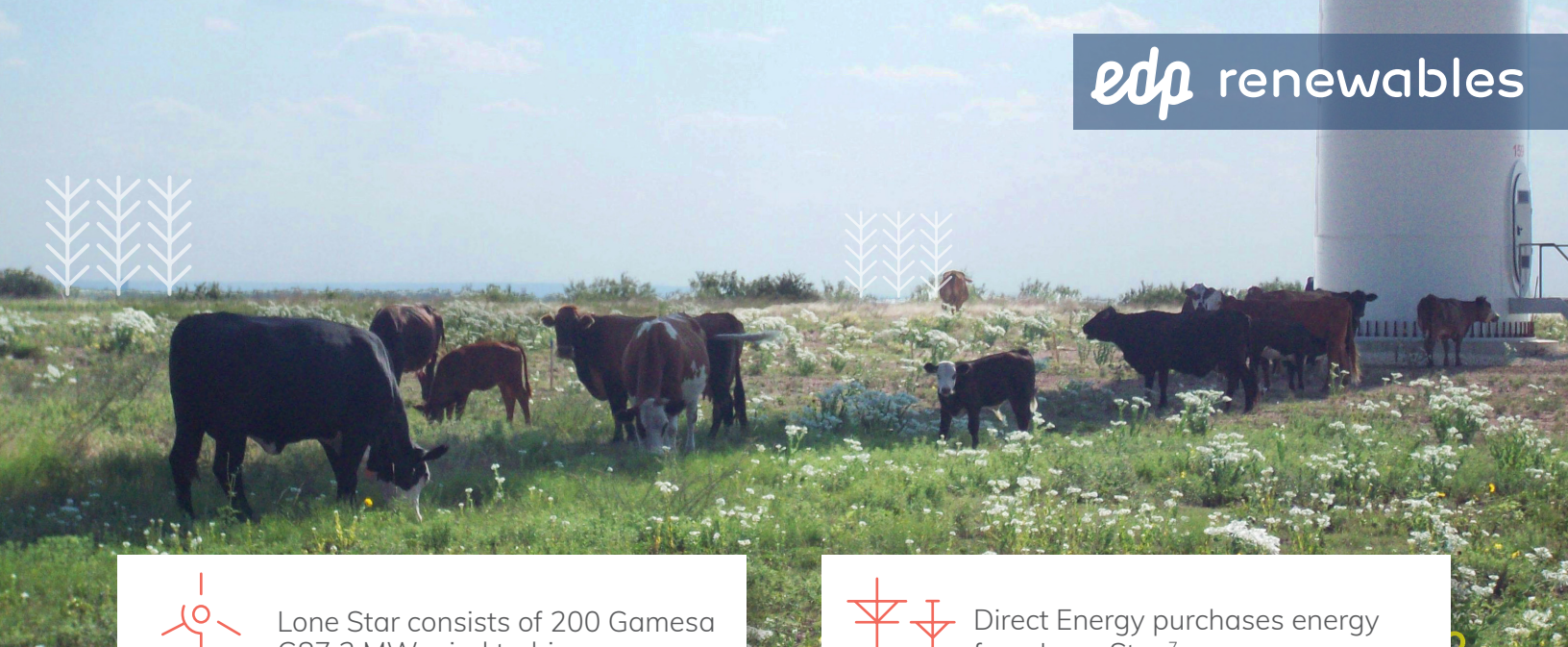
PERMANENT JOBS<sup>6</sup>  
**47 jobs created**



CONSTRUCTION JOBS<sup>6</sup>  
**594 jobs created**



**LONE STAR**  
WIND FARM



Lone Star consists of 200 Gamesa G87 2 MW wind turbines.



Direct Energy purchases energy from Lone Star.<sup>7</sup>



Lone Star provides 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.<sup>8</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, 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](http://www.edpr.com/north-america).



**Lone Star Wind Farm**

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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 2018 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 \$2.2 million/MW for projects built before 2012. Based on U.S. DOE 2015 Wind Technologies Market Report.

<sup>4</sup>Cumulative local government payments from 2010 through 2019.

<sup>5</sup>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.

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

<sup>7</sup>Lone Star I Wind Farm Offtakers: Direct Energy (PPA). Additional oftakers privately purchase energy from Lone Star Wind Farm.

<sup>8</sup>Based on U.S. Energy Information Administration. March 2021.