

Los Mirasoles Wind Farm

Hidalgo and Starr Counties, Texas



Los Mirasoles Wind Farm consists of two phases and is located in the Rio Grande Valley, about 16 miles from the U.S. border with Mexico in Hidalgo and Starr Counties. Named after the large sunflowers grown in the area, Los Mirasoles is surrounded by agricultural lands predominately used to grow sorghum, cotton, and sunflowers, as well as within ranching and hunting properties.

300 MW

ONLINE SINCE 2016



Los Mirasoles Wind Farm's generation is equivalent to the consumption of more than **65,000 Texas homes**.¹



Los Mirasoles saves more than **533 million** gallons of water each year and prevents the air pollution that causes smog, acid rain, and climate change.²



Economic Benefits



CAPITAL INVESTMENT³
\$495 million



\$14 million+
PAID TO LOCAL GOVERNMENTS⁴



\$7.5 million+
PAID TO LANDOWNERS



\$20.3 million+
SPENT LOCALLY⁵



PERMANENT JOBS⁶
17 jobs created



CONSTRUCTION JOBS⁶
210 jobs created





Los Mirasoles I Wind Farm consists of 125 Vestas V110 2 MW wind turbines and Los Mirasoles II Wind Farm consists of 14 Vestas V136 3.6 MW wind turbines.



GM, Home Depot, Philips Electronics, and Philips Lighting purchase energy from Los Mirasoles.⁷



Los Mirasoles 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.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 wind farm is \$1.4 million/MW for projects built after 2018 and \$1.7 million/MW for projects built between 2012 and 2016. Based on U.S. DOE 2018 Wind Technologies Market Report and U.S. DOE 2015 Wind Technologies Market Report.

⁴Cumulative local government payments from 2010 through 2020.

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.

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

⁷Los Mirasoles I Wind Farm Offtakers: GM (PPA); Home Depot (PPA); Philips Electronics (PPA); Philips Lighting (PPA). Additional offtakers privately purchase energy from Los Mirasoles I Wind Farm via long-term agreements; Renewable Energy Credits from this portion are sold into the market. Los Mirasoles II Wind Farm Offtakers: Offtakers privately purchase energy from Los Mirasoles II Wind Farm.

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



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Operations & Maintenance Office

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