

# IOWA: Lost Lakes



Lost Lakes Wind Farm is located approximately three miles west of the town of Milford in northwest Iowa on pristine agricultural and pasture land in Dickinson County. The land is mainly used to grow corn and soybeans, and the Little Sioux River runs along the east side of the project area. Lost Lakes Wind Farm includes farmland in the Lakeville, Okoboji, Excelsior, and West Port townships.



LOST LAKES  
WIND FARM

**100.65 MW**

ONLINE SINCE 2009



Lost Lakes Wind Farm produces enough clean electricity to power more than **29,000** Iowa homes.<sup>1</sup>

## Economic Benefits



Lost Lakes represents a capital investment of approximately **\$221 million**.<sup>2</sup>



Approximately **\$2.7 million** in cumulative payments to local governments through 2017.



More than **\$5.7 million** paid to local landowners through 2017.



Created **114** full-time equivalent jobs during construction and **12** permanent jobs during the life of the project.<sup>3</sup>



**\$24.3 million** spent within 50 miles of the wind farm through 2017.<sup>4</sup>



Tennessee Valley Authority purchases clean energy from Lost Lakes.<sup>5</sup>

# Turbine Technology



Lost Lakes Wind Farm consists of 61 Vestas V82 1.65 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 45 wind farms, five solar parks, and 13 regional and development offices across North America, EDPR NA has developed more than 6,200 megawatts (MW) and operates more than 5,600 MW of renewable energy projects. With approximately 600 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 that develops, constructs, owns, and operates renewable electricity generation facilities. With a sound development pipeline, first-class assets, and market-leading capacity, EDPR has grown extensively in recent years and is ideally positioned for long-term growth. EDPR is committed to renewable energy generation which has become reliable and competitive due to technological advancements that have led to greater efficiencies. The company operates in the most attractive markets, continuously expanding to new areas of the world. EDPR is currently present in the United States, Spain, Belgium, Brazil, Canada, France, Italy, Mexico, Poland, Portugal, Romania, and the United Kingdom.

For more information, visit  
[www.edpr.com](http://www.edpr.com) or [www.edprnorthamerica.com](http://www.edprnorthamerica.com)

<sup>1</sup>Power generation calculated using a 35% capacity factor. Household consumption based on 2016 EIA Household Data monthly average consumption by state.

<sup>2</sup>Assumes the average cost of an installed wind farm is \$1.7 million/MW for projects built since 2012 and about \$2.2 million/MW for projects built before 2012, based on US DOE 2015 Wind Technologies Market Report <https://emp.lbl.gov/publications/2015-wind-technologies-market-report>.

<sup>3</sup>Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

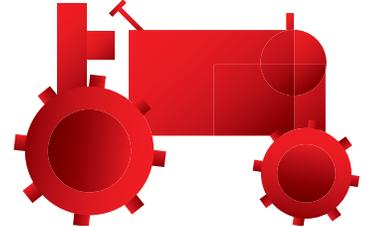
<sup>4</sup>Includes vendor spending, property taxes, landowner payments and wages from site jobs. These numbers are presented for example purposes only and actual payments may vary.

<sup>5</sup>Lost Lakes Wind Farm Offtakers: Tennessee Valley Authority (PPA).

<sup>6</sup>Assumes 0.5 gallons of water consumed per kWh of conventional electricity from Macnick et al., 2012: [http://iopscience.iop.org/1748-9326/7/4/045802/pdf/1748-9326\\_7\\_4\\_045802.pdf](http://iopscience.iop.org/1748-9326/7/4/045802/pdf/1748-9326_7_4_045802.pdf).



Lost Lakes Wind Farm saves more than **154 million** gallons of water each year.<sup>6</sup>



Lost Lakes Wind Farm is compatible with other land uses.



**MADE IN THE USA**  
The vast majority of wind farm equipment is manufactured in the United States.



Lost Lakes Wind Farm provides energy security and helps diversify supply.



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