



Wind Energy

Wind power is a limitless, non-polluting resource

Generating reliable energy, jobs and revenue.

When we operate our wind projects, we provide long-term, fixed pricing in an environment where prices are constantly increasing, while also reducing CO₂ emissions, the most abundant greenhouse gas in the atmosphere.

Our wind projects support host communities through landowner payments and tax revenues, while simultaneously creating jobs in construction and operations. EDF Renewables' operating wind projects are among the top performers in the industry.

BENEFITS OF WIND ENERGY FOR THE ENVIRONMENT

1 Conserves and Keeps Water Clean: Turbines produce no particulate emissions that contribute to mercury contamination in our lakes and streams. Wind energy also conserves water resources. For example, producing the same amount of electricity can take about 600 times more water with nuclear power than wind, and about 500 times more water with coal than wind.

2 Clean Air: Other sources of electricity produce harmful particulate emissions which contribute to global climate change and acid rain. Wind energy is pollution free.

3 Negligible Greenhouse Gases: The sources of most of our power, coal and natural gas, produce large quantities of greenhouse gases.

(Coal much more than natural gas.) Wind power produces none, other than in the manufacture, installation, and maintenance of the turbines. On average those greenhouse gases are offset by the clean power the turbines produce within nine months of operation.

4 Mining & Transportation: Harvesting the wind preserves our resources because there no need for destructive resource mining or fuel transportation to a processing facility.

5 Land Preservation: Wind farms are spaced over a large geographical area, but their actual "footprint" covers only a small portion of the land resulting in a minimum impact on crop production or livestock grazing.

EDF Renewables has developed **10 GW** of wind energy

EQUIVALENT TO...



3.4+ M gasoline-powered passenger vehicles driven for one year¹



3.3+ M homes' energy use for one year²



1.8+ T smartphones charged¹



255+ M tree seedlings grown for 10 years¹



¹ According to U.S. EPA Greenhouse Gas Equivalencies calculations and typical transmission assumptions.

² Equivalent Homes Powered (US Avg 10.72 MWh)

POWERING AMERICA'S GROWTH

From cities to farms, the clean power industry powers more of the United States every day, and contributes more to the economy than any other source of energy.

+ Fastest-growing jobs


- Wind turbine technician and solar installer are the two of the country's top five fastest-growing jobs.
- Clean energy provides jobs for more than 415,000 Americans.

+ Strengthening communities

- Wind and solar projects pay \$2.5 billion a year in landowner lease payments and state and local taxes.
- Clean energy avoids 86 million cars' worth of CO₂ emissions every year.



POTENTIAL BENEFITS OF A 100 MW WIND PROJECT



30,000
equivalent households powered by the electricity produced



\$100's
of thousands of dollars in new revenues annually to the host communities



100+ jobs
created during the peak of construction
~4 full-time
permanent, highly skilled jobs during operation

GO WITH THE INDUSTRY LEADER.

EDF Renewables North America is a market-leading, independent power producer and service provider with over 35 years of expertise in renewable energy.

We deliver grid-scale power: wind (onshore and offshore), solar photovoltaic, and storage projects; distribution-scale power: solar and storage; asset optimization: technical, operational, and commercial expertise to maximize performance of generating projects, and onsite solutions for commercial and industrial customers: solar, storage, EV charging, energy management systems, and microgrids.



16 GW
solar, wind and storage projects developed



13 GW
under O&M contract



44 GW
in pipeline

Let's talk energy.



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