



WIND ENERGY

MYTH

VS

FACT



Wind turbines endangers birds and other wildlife.



Wind turbines cause less than 0.01% of all human-related bird deaths, fewer than buildings, cats, and power lines.



Wind turbines are loud and disruptive to nearby communities



Large, modern turbines emit about 35-45 dB when heard from 300 meters away, no louder than an average refrigerator (50 dB) and traffic (70 dB).



Wind turbines can't be recycled



About 96% of a wind turbine is recyclable, including metal and electrical parts. Blades can be repurposed into cement and highway sound barriers.



Wind energy is unreliable and only works when it's windy



Turbines only generate when the wind blows — but when combined with battery storage, power can be stored and delivered anytime.



Wind turbines utilize too much farmland



A 2024 USDA study found wind and solar affected only 424,000 acres of rural land in 2020 — less than 0.05% of the 900 million acres used for farmland.



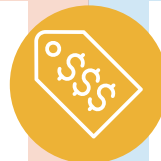
Wind turbines cause health problems



Experts have found no evidence that wind turbines cause health problems. Rare turbine deaths are from construction accidents, not exposure.



Wind power is an expensive form of power



Wind power is one of the cheapest energy sources, down 31% in the last decade, and with no fuel costs, clean energy remains the most cost-effective option.



Wind turbines have short life spans before retirement



Most wind turbines have an operational lifespan of 20-25 years. With proper maintenance, many can generate electricity efficiently beyond that.

