

# 2020 Clean Power Top Facts



Wind, utility solar, and battery storage power capacity tops 170 GW following a record

**26 GW**  
of installations in 2020.

The U.S. has enough installed utility wind and solar capacity to power over

**50 million homes.**



**Wind and solar** power were the #1 and #2 choice

of utility-scale power generation across all energy types in 2020. Wind, solar, and battery storage power represented 78% of new power additions in 2020.



**Business demand for clean power set a record** as corporate buyers announced over 10 GW of new clean power contracts in 2020.



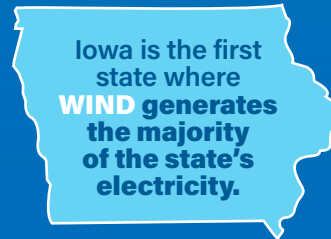
Eight states added over 1 GW of clean power to the grid in 2020. Each GW = at least

**\$1.4 billion**  
in investment.



Iowa and Kansas generate more electricity from wind turbines than any other energy technology. **More than 40%** of each state's electricity is produced from wind power.

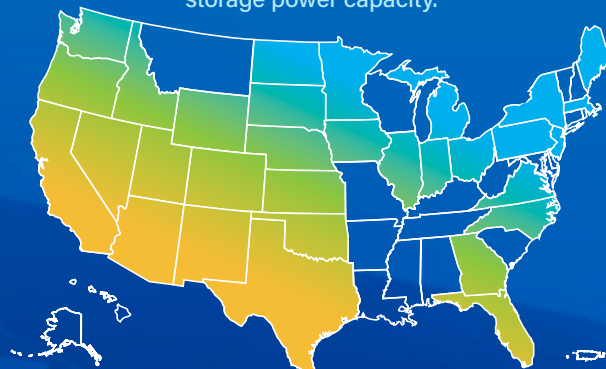
Iowa is the first state where **WIND generates the majority of the state's electricity.**



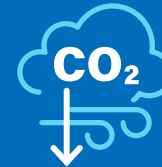
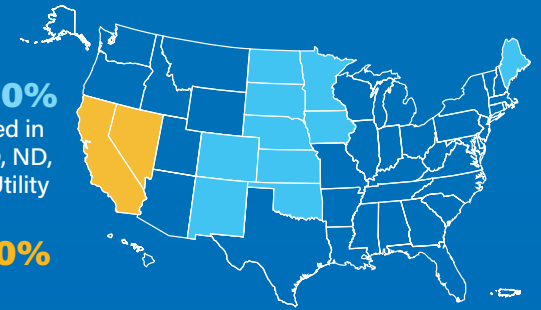
By the end of 2020, **seven states** issued procurements or state targets totaling nearly 30 GW of offshore wind capacity.



**Two-thirds of U.S. states** have at least 1 GW of operating wind, utility solar, or battery storage power capacity.



**Wind energy delivers over 20%** of the electricity produced in 10 states (IA, KS, OK, SD, ND, ME, NE, CO, MN, NM). **Utility solar energy delivers over 10%** in two states (CA, NV).



Clean power reduces carbon emissions and improves air quality. Wind and solar generation prevented 327 million metric tons of CO<sub>2</sub> from being released into the atmosphere. **That's equal to taking over 71 million cars off the road.**

The clean power pipeline continues to swell—there are now nearly 90 GW of projects underway representing over

**\$120 billion**  
in new investment.

Clean power supports economic development, delivering

**over \$2.5 billion** every year in state and local tax payments and landowner lease payments.



Clean power is red, white, and blue with projects or manufacturing facilities in **84% of Congressional districts and jobs in all 50 states.**



**10.7%** Wind is America's #1 source of renewable electricity.

Combined with solar, these clean power technologies deliver 10.7% of the nation's electricity.

**Wind and solar are the most affordable sources of new electricity** in most of the country, and costs continue to fall. Wind costs are 70% lower since 2009. Solar costs are down 90%.