Tom Kiernan
CEO, American Wind Energy Association
Wind energy is on sale: 66% off

66% Cost Decline

Source: LBNL
Wind cost vs. natural gas cost, 2012-2022

Source: NREL
Trend: Companies investing where they can buy wind power

Wind power, factories, and R&D are in all 50 states
Increasing contribution to the grid, *reliably* integrated

- Iowa now 31% wind-powered
- 12 states get over 10% of electricity from wind

Wind is key to Clean Power Plan compliance

Pounds per Megawatt-Hour

-41 to -50% (8 States)
-37 to -40% (10 States)
-31 to -36% (14 States)
-21 to -30% (6 States)
-11 to -20% (6 States)
0 to -10% (3 States)
No Reduction (4 States)

Reduction of CO₂ emissions rate from wind projects, 2012-2030

Sources: AWEA U.S. Wind Industry Annual Market Report Year Ending 2015; EPA
Bipartisan support for wind energy up sharply in 2016

- 91% of likely voters favor “expanding wind power” (up 13 points from 78% in 2012)
- That includes 81% of self-described conservatives (up 24 points, from 57% in 2012)

- 70% of likely voters say it is “most important” for America to “transition toward a cleaner, more energy-efficient economy” (up 13 points from 57% in 2012)
- Only 10% of likely voters say it is “not important” (down 17 points from 27% in 2012)

- 55% of Republicans say it is “most important” (up 20 points from 35% in 2012). Adding 29% who say “somewhat important,” transition to a clean energy economy is important to 84% of Republicans

Wind power now under construction across 31 states

Bipartisan U.S. Wind Energy Growth

*Data includes wind capacity currently under construction or in advanced stages of development by U.S. Congressional district, where final location is known
Much more transmission needed for market to work

WindVision 2050 case

Eastern Interconnect Planning Collaborative
Reception tonight
7-8:30 pm
Alder Room, 2nd Floor, Hyatt McCormick Place

honoring the
NCSL Task Force on Energy Supply
and Natural Resources and Infrastructure Committee