

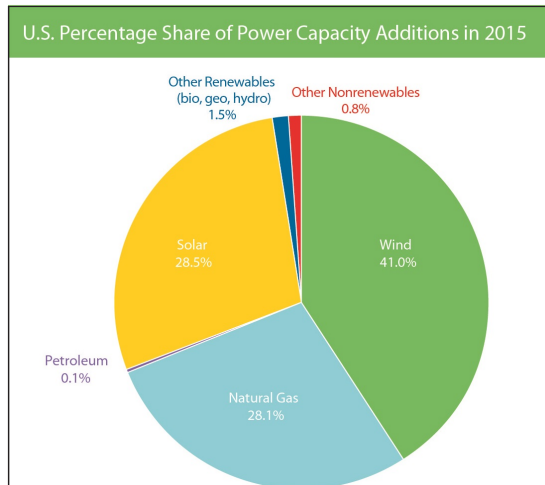
U.S. WIND INDUSTRY 2015 ANNUAL MARKET UPDATE



U.S. WIND INDUSTRY 2015: TOP FACTS

RECORD WIND JOBS: The U.S. wind industry has never employed more people than it did in 2015. Strong wind construction activity throughout the year, combined with a stabilizing wind manufacturing sector, and the growing requirement for personnel to operate and maintain more than 48,500 wind turbines, allowed the industry to add over 15,000 full-time equivalent jobs in 2015, bringing total U.S. wind industry jobs to 88,000. Texas led the nation with more than 24,000 wind jobs.

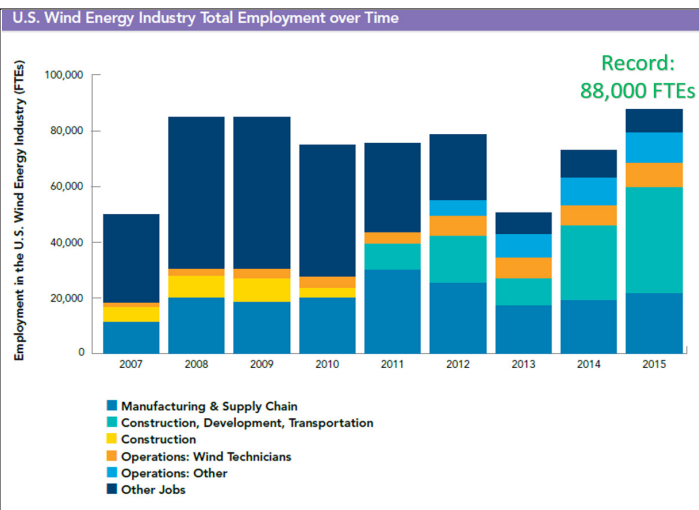
PREDICTABLE POLICY ATTAINED: In late December 2015, the U.S. Congress passed a multi-year extension of the PTC through 2019. The PTC and alternative ITC are now extended at full value for 2015 and 2016, and will continue at 80 percent of present value in 2017, 60 percent in 2018, and 40 percent in 2019. This policy predictability will help break the repeated boom-bust cycles that the U.S. wind energy industry has weathered through for two decades.



WIND #1 NEW CAPACITY SOURCE: Wind energy was the No. 1 source of new electric generation capacity in the U.S., delivering 41% of new capacity installations. In the wind rich regions of the Midwest, Pacific Northwest, and Plains states, wind was the primary choice for new power, providing over 59% or more of all new electric generation capacity between 2011 and 2015.

INNOVATIONS DRIVE DOWN COSTS: The cost of wind energy dropped over 66% between 2009 and 2015, with the industry continuing to advance technology in several areas, from improved siting techniques to larger rotor diameters and taller towers that are increasing energy production across the country.

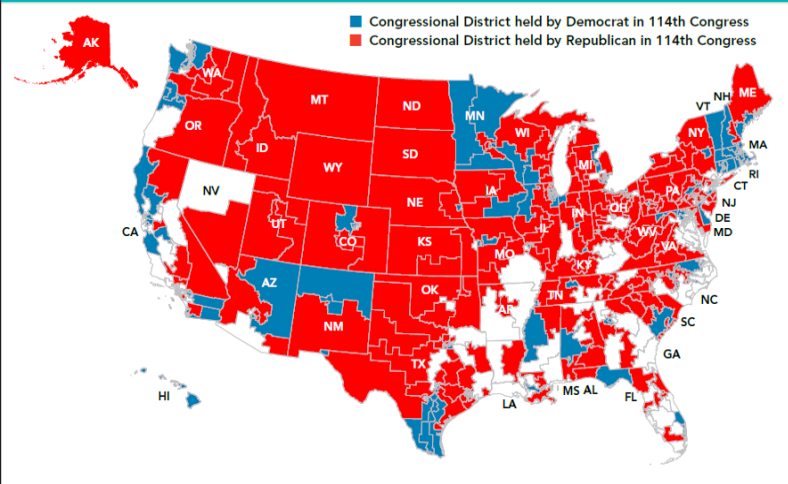
WIND DELIVERS ENVIRONMENTAL BENEFITS: Operational wind projects avoided an estimated 132 million metric tons of Carbon Dioxide during 2015 – the equivalent of reducing power-sector emissions by 6% – while avoiding the consumption of over 73 billion gallons of water.



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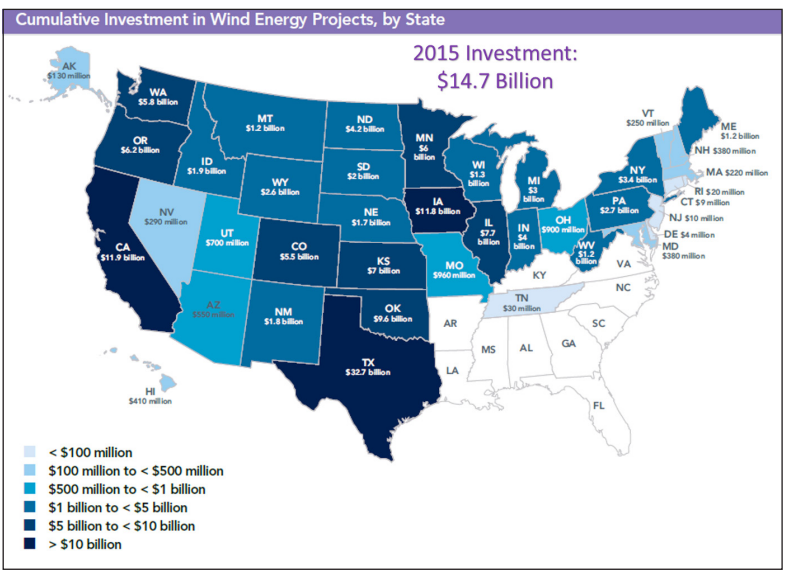
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Congressional Districts with Online Wind Projects and/or Active Wind-related Manufacturing Facilities



WIND BENEFITS EVERY STATE: Over 70% of U.S. Congressional districts have operational wind energy project or active wind-related manufacturing facilities, including 75% of Republican districts and 64% of Democratic districts. The industry invested more than \$14.7 billion in new wind projects and supported 88,000 jobs in all 50 states.

U.S. WORLD LEADER IN WIND ENERGY GENERATION: The U.S. led the world in wind energy generation, producing a record 191 million MWh of wind energy during 2015, enough to power 17.5 million American homes.



CORPORATIONS WANT WIND: Non-utility power purchasers signed a record 52% of the power purchase agreements signed during 2015. The range of companies spanned from the innovative and high-tech (e.g., Google Energy) to the most familiar consumer brands (Procter & Gamble and General Motors). Additionally, cities like Washington, DC are attracted by wind energy's unique ability to offer stably-priced energy, given its lack of fuel cost uncertainty.

GENERATION RECORDS SET: Wind energy delivered over 30% of the electricity produced in Iowa in 2015 and over 25% in South Dakota. Texas generated 10% of its electricity from wind for the first time while 20 states now produce more than 5% of their electricity from wind energy. Additionally, new wind generation records were set in all of the large grid operating areas.

IMPROVING TRANSMISSION GRID: Transmission that could enable over 6,000 MW of wind was completed during 2015 by MISO and the Bonneville Power Administration, while near-term projects could deliver 51,000 MW of wind energy.

OFFSHORE WIND BEGINS: The U.S. wind industry began construction of the first offshore wind project in the country. Located three miles off the coast of Rhode Island, the Block Island wind farm is expected to begin production in late 2016.

For more information:

www.awea.org/amr2015

www.awea.org/database

