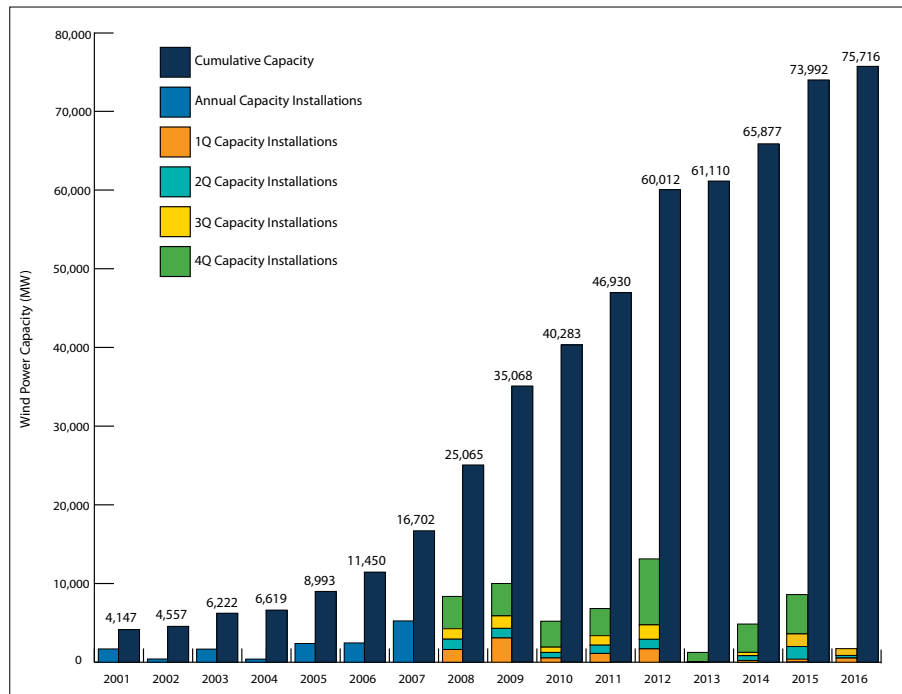


U.S. WIND INDUSTRY THIRD QUARTER 2016 MARKET UPDATE

U.S. Wind Power Capacity and Generation Growth

- The U.S. wind industry installed 895 megawatts (MW) across seven states during the third quarter of 2016, bringing year-to-date installations to 1,725 MW.
- There are now 75,716 MW of installed wind capacity in the United States across 40 states plus Puerto Rico and Guam, with more than 49,000 operating wind turbines.
- There are now over 20,000 MW of wind capacity under construction or in advanced development. New announcements made during the third quarter total more than 3,700 MW.



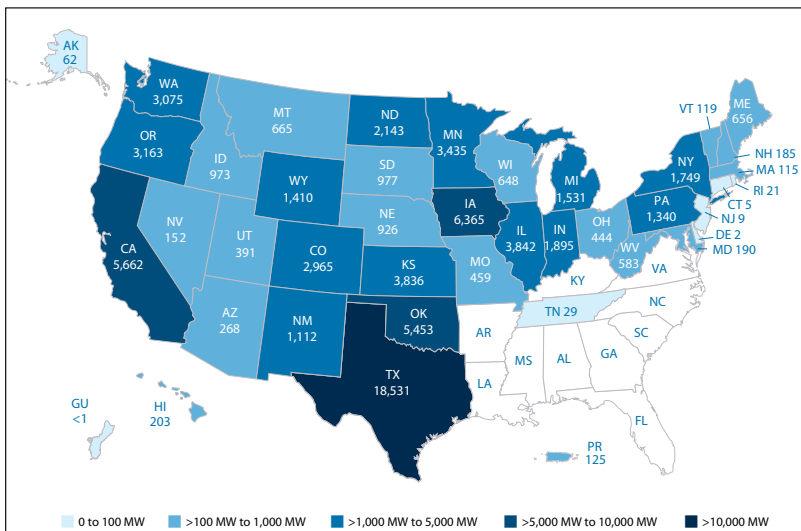
Iowa a National Leader in Wind Energy

- Iowa is now the first state to generate more than one-third of its electricity from wind energy.
- Wind energy provided 35.8% of Iowa's in-state electricity generation for the last twelve months ending in July, enough electricity to power the equivalent of more than 1.6 million average U.S. households.
- Iowa now ranks second in the nation for installed capacity (6,365 MW) and supports up to 7,000 jobs in wind.
- More than 3,100 MW of wind capacity are currently under construction or in advanced development in Iowa, nearly half of the state's existing wind capacity.
- More than two-thirds, or 68%, of the current installed wind capacity in Iowa is located in low-income counties, equivalent to \$8.3 billion in capital investment and annual land lease payments between \$10-15 million.

U.S. WIND INDUSTRY QUARTERLY MARKET UPDATE

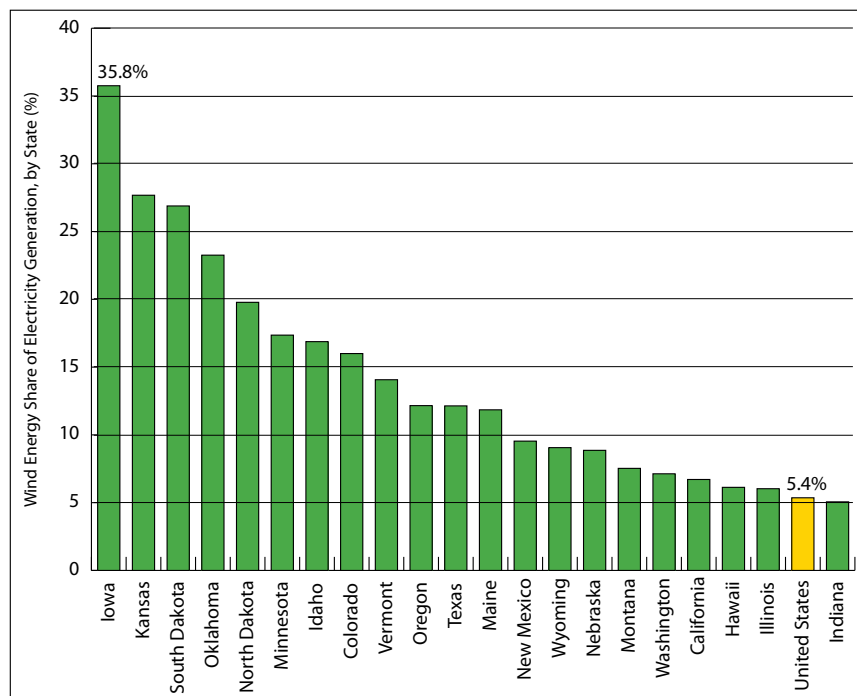
Third Quarter 2016 Highlights

- Texas led the country with 620 MW installed during the third quarter, followed by Minnesota (200 MW), Maine (43 MW), Rhode Island (12 MW), Oregon (10 MW), Massachusetts (8 MW), and Utah (2 MW).
- The 1,725 MW installed year-to-date represents approximately \$3 billion in capital investment.
- There are now 13,563 MW wind capacity under construction and 6,717 MW in advanced development, a combined 20,280 MW.
- Since the beginning of 2016, combined under construction and advanced development activity has averaged 15% growth quarter over quarter.
- Nearly 3,200 MW of power purchase agreements (PPA) have been signed since the beginning of 2016, a 39% increase in activity compared to the same time period last year.



Wind Generation Records Set

- Iowa, Kansas, South Dakota, and Oklahoma all produced more than 20% of their in-state electricity generation with wind for the last 12 months ending in July.
- Twelve states produced more than 10% of their in-state electricity with wind energy, while 21 states produced more than 5%.
- Wind energy provided 5.36% of the nation's electricity for the last twelve months ending in July.



For more information:

www.awea.org/3q2016

www.awea.org/database