

# North American **WIND POWER** *Fast Facts*

**U.S. wind energy generating capacity at the end of 2017, installed: 89,077 MW**  
(More than 54,000 wind turbines)

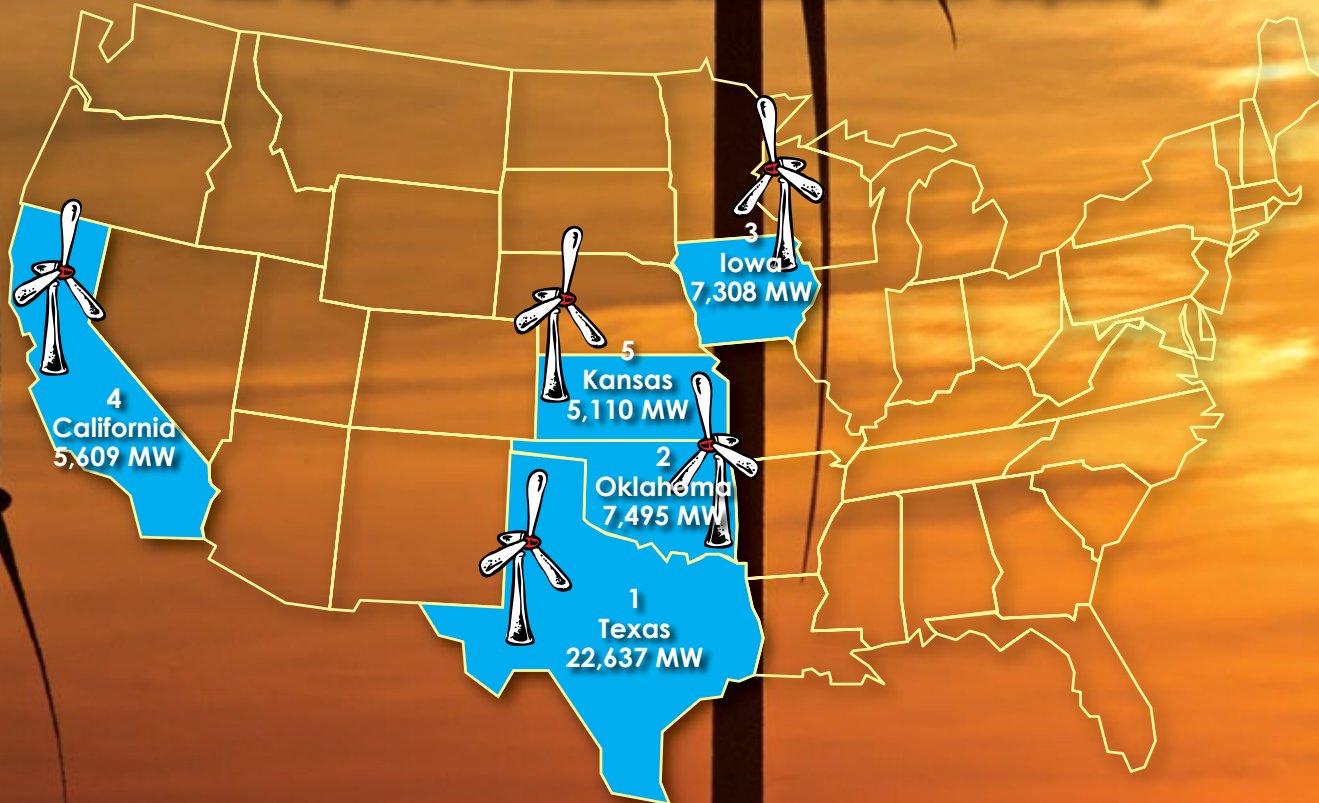
**Wind generating capacity installed in 2017: 7,017 MW**

- ▶ A total of 29 new wind projects were commissioned across 16 states during the fourth quarter of 2017. Texas led with 1,179 MW installed, followed by Oklahoma (851 MW), Iowa (334 MW), Illinois (306 MW), and Missouri (300 MW).
- ▶ Texas continues to lead the nation with 22,637 MW of cumulative installed capacity, more than triple that of any other state.
- ▶ GE Renewable Energy, Nordex USA, Siemens Gamesa Renewable Energy, and Vestas captured a combined 99 percent of the U.S. turbine market for new installations during 2017.

**Canadian wind power operating capacity at the end of 2017, installed: 12,239 MW**  
**Wind generating capacity installed in 2017: 341 MW**

- ▶ Canada currently has the eighth-largest wind generating fleet in the world. More wind energy has been built in Canada over the last decade than any other form of electricity generation, with installed capacity growing by an average of 18 percent a year over the past five years.
- ▶ Ontario remains the largest wind market in Canada with approximately 4,900 MW—about 119 MW were added in 2017.
- ▶ There were wind power capacity additions at opposite ends of Canada in 2017. British Columbia, the #4 province in capacity, now has 698 MW, with 209 MW of new capacity in 2017. Nova Scotia now has 610 MW, with 13 MW added in 2017.

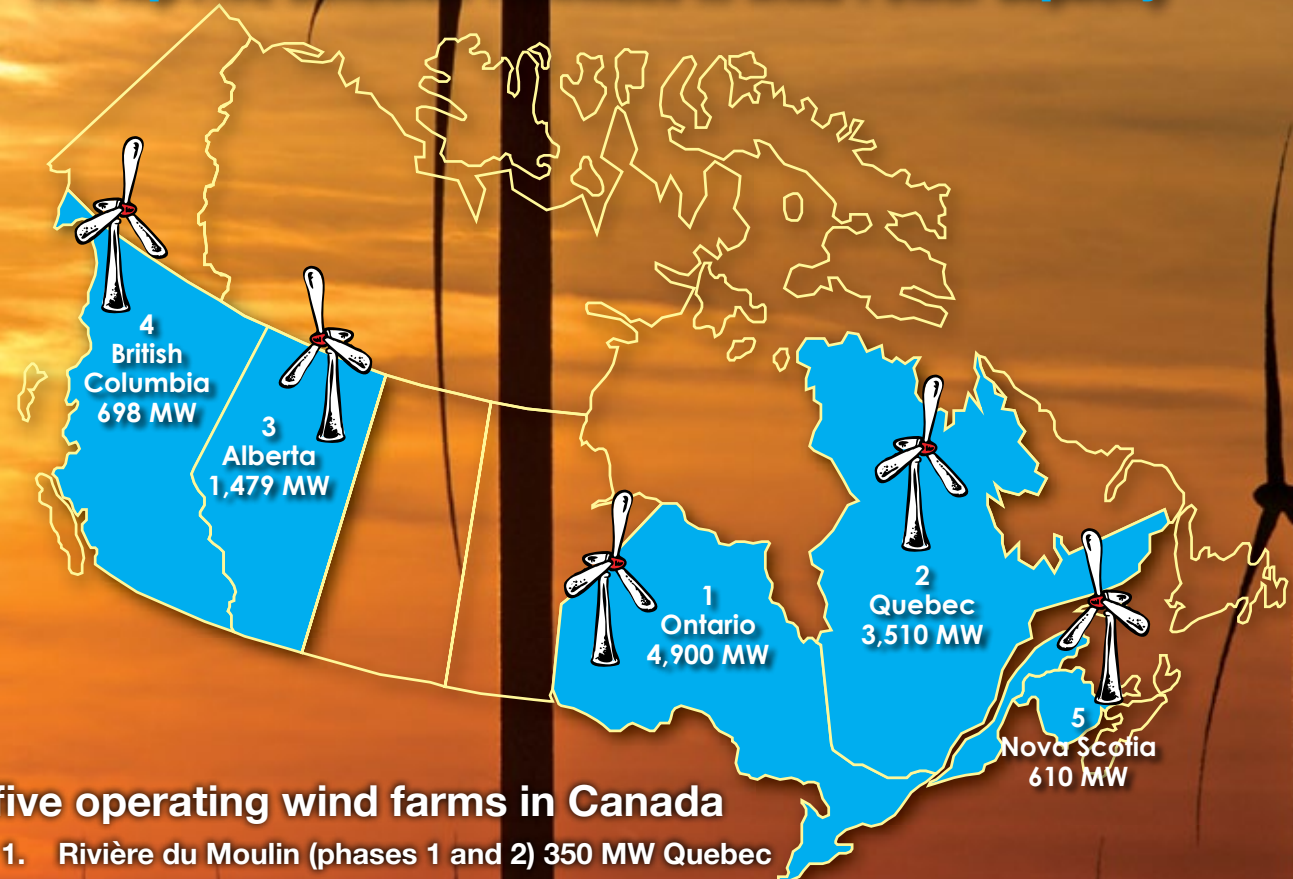
## The Top Five U.S. States in Wind Power Capacity



## Top five operating U.S. wind farms

1. Alta Wind 946 MW California
2. Los Vientos 912 MW Texas
3. Shepherds Flat 845 MW Oregon
4. Roscoe Wind Farm 782 MW Texas
5. Horse Hollow 736 MW Texas

## The Top Five Canadian Provinces in Wind Power Capacity



## Top five operating wind farms in Canada

1. Rivière du Moulin (phases 1 and 2) 350 MW Quebec
2. Seigneurie de Beaupré (phases 1 and 2) 340 MW Quebec
3. Lac Alfred (phases 1 and 2) 300 MW Quebec
4. Blackspring Ridge Wind Project 298.8 MW Ontario
5. K2 Wind Power Facility, 270 MW and South Kent Wind Farm, 270 MW  
(Tied, both projects in Ontario)

All numbers are to the end of December 2017.  
Sources: American Wind Energy Association: [www.awea.org](http://www.awea.org)  
Canadian Wind Energy Association: [www.canwea.ca](http://www.canwea.ca)