

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

**U.S. wind power generating capacity, installed — 82,183 MW**  
(represents more than 52,000 wind turbines)

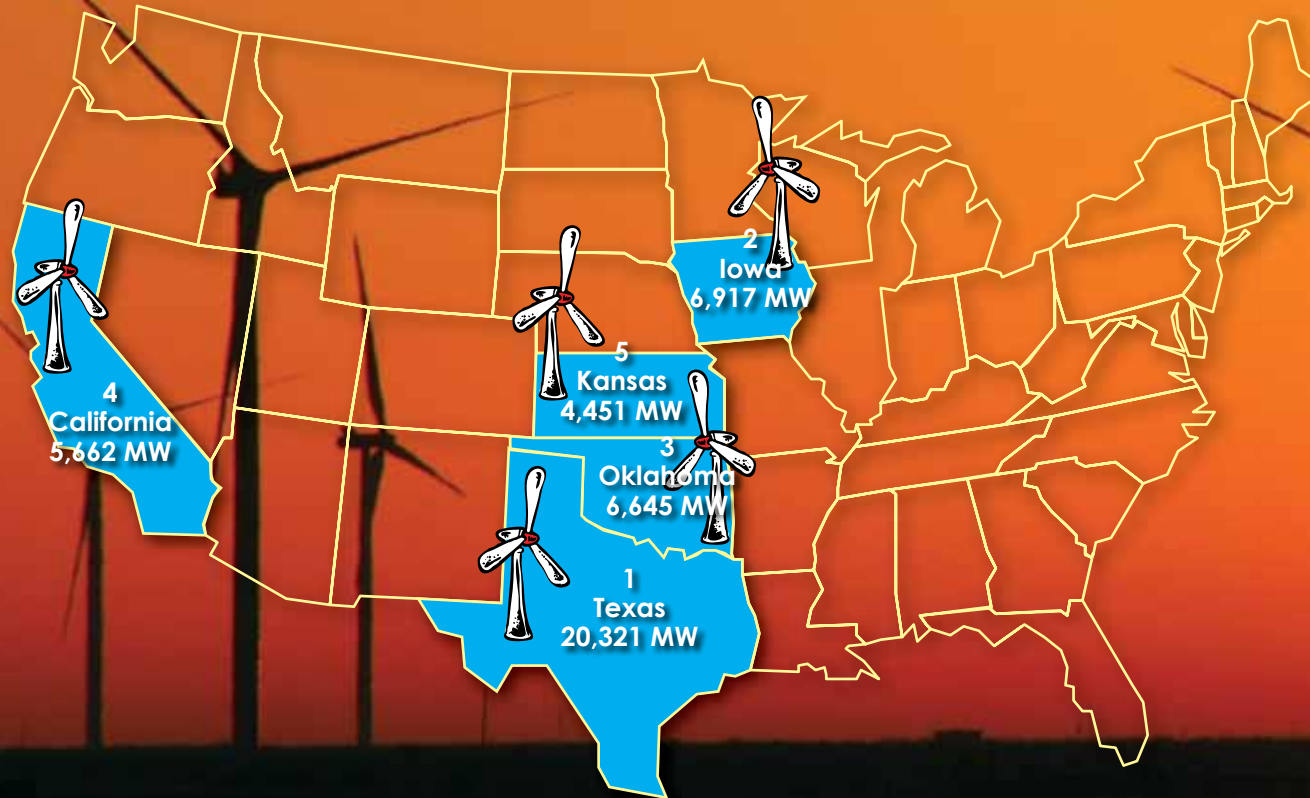
**Wind power capacity installed in 2016 — 8,203 MW**

- ▶ 19 states commissioned a total of 47 projects during the fourth quarter of 2016. Texas led with 1,790 MW, followed by Oklahoma (1,192 MW), Kansas (615 MW), North Dakota (603 MW), and Iowa (551 MW).
- ▶ Oklahoma surpassed California to become the third-ranked state in the nation with more than 6,600 MW of installed capacity; Kansas surpassed Illinois as the fifth-ranked state with more than 4,400 MW.
- ▶ The U.S. commissioned its first offshore wind project during the fourth quarter, the 30-MW Block Island wind project off the coast of Rhode Island.
- ▶ GE Renewable Energy and Vestas captured a combined 85 percent of the U.S. wind turbine market during 2016. Including Siemens, the three turbine manufacturers captured 95 percent of the market.

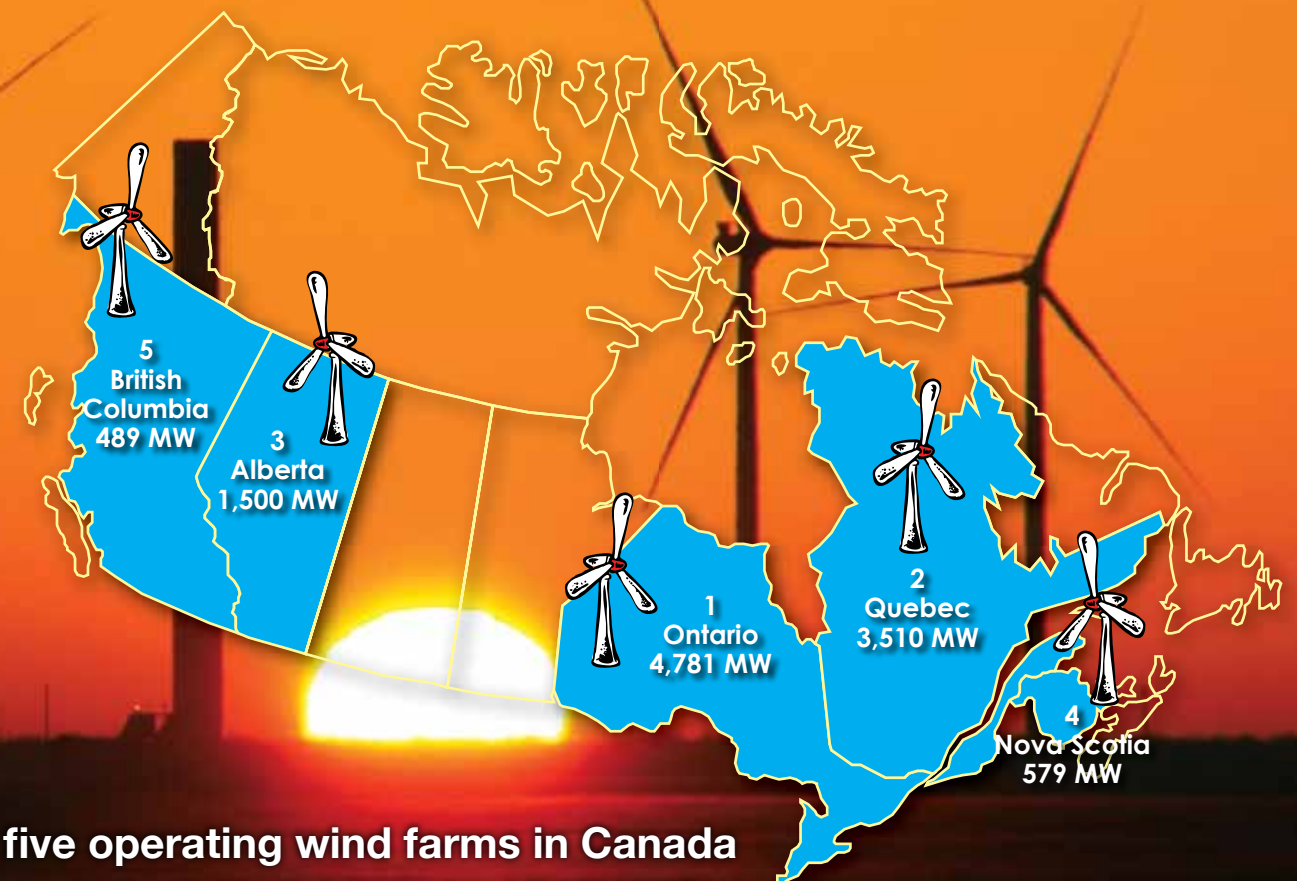
**Canadian wind power operating capacity, installed — 11,898 MW**  
**Wind power capacity installed in 2016 — 702 MW**

- ▶ A total of 21 projects in Ontario, Quebec, and Nova Scotia were commissioned in 2016. Sixteen of these projects are owned, at least in part, by municipal governments or aboriginal or local communities.
- ▶ Between 2012 and 2016, Canada's installed wind energy capacity has grown by an average of 18 percent, or 1,327 MW annually.
- ▶ Ontario continued to lead Canada in market size and growth, adding 413 MW of new wind energy capacity in 2016 to bring its total installed capacity to 4,781 MW.
- ▶ The Canadian Wind Energy Association (CanWEA) expects Canada to install approximately 700 MW of new wind energy capacity in 2017. New wind energy procurement in Alberta and Saskatchewan in 2017, coupled with a renewed focus in Canada on actions to transition to a low-carbon economy, mean that wind energy's growth prospects will remain strong in Canada for many years to come.

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



## The Top Five Canadian Provinces 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

### 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 2016  
Sources: American Wind Energy Association, [www.awea.org](http://www.awea.org)  
Canadian Wind Energy Association, [www.canwea.ca](http://www.canwea.ca)