

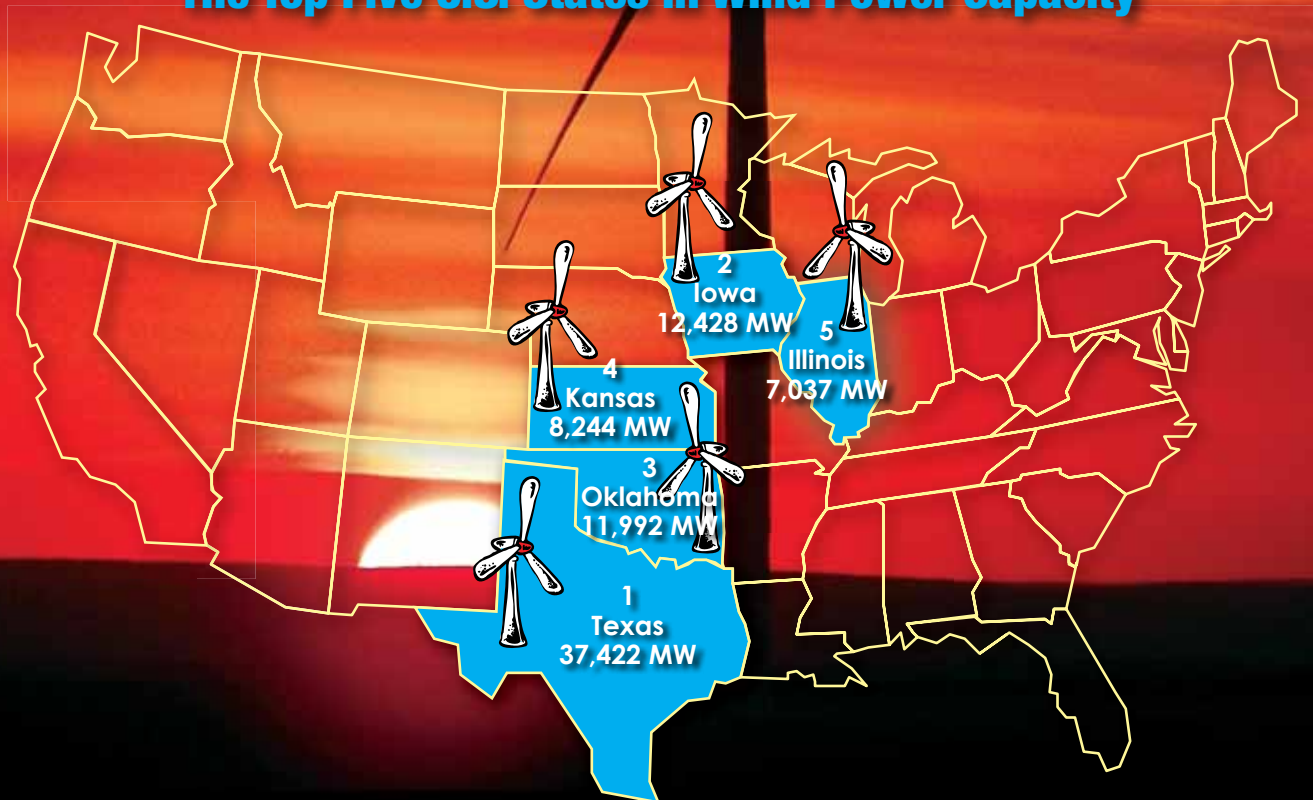
## U.S. wind power generating capacity at the end of 2022—143,837 megawatts (MW)

The Inflation Reduction Act (IRA), said to be game changing legislation for the renewable energy industry, will significantly boost investment in wind power in the country, according to a recent report, “Boom time: what the Inflation Reduction Act means for U.S. renewables manufacturers” from consultants, Wood Mackenzie.

### Wind generating capacity installed in 2022: 8,612 MW

- ▶ The wind power industry finished out 2022 with its strongest quarter of the year, installing 4,006 MW of new wind capacity and 58 MW of partially repowered capacity. Despite Q4 being the strongest quarter of the year, quarterly wind installations were still down 35 percent compared to 2021.
- ▶ Annually, 8,612 MW of land-based wind capacity was commissioned in 2022. Nearly 11 GW of land-based wind capacity has experienced delays, slowing the rate of installations. This is due in part to supply chain constraints and grid interconnection issues.
- ▶ At the end of 2022, the land-based wind pipeline comprised 96 projects with a total capacity of 20,811 MW, including 10,402 MW under construction and 10,409 MW in advanced development.

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



### Top five operating U.S. wind farms

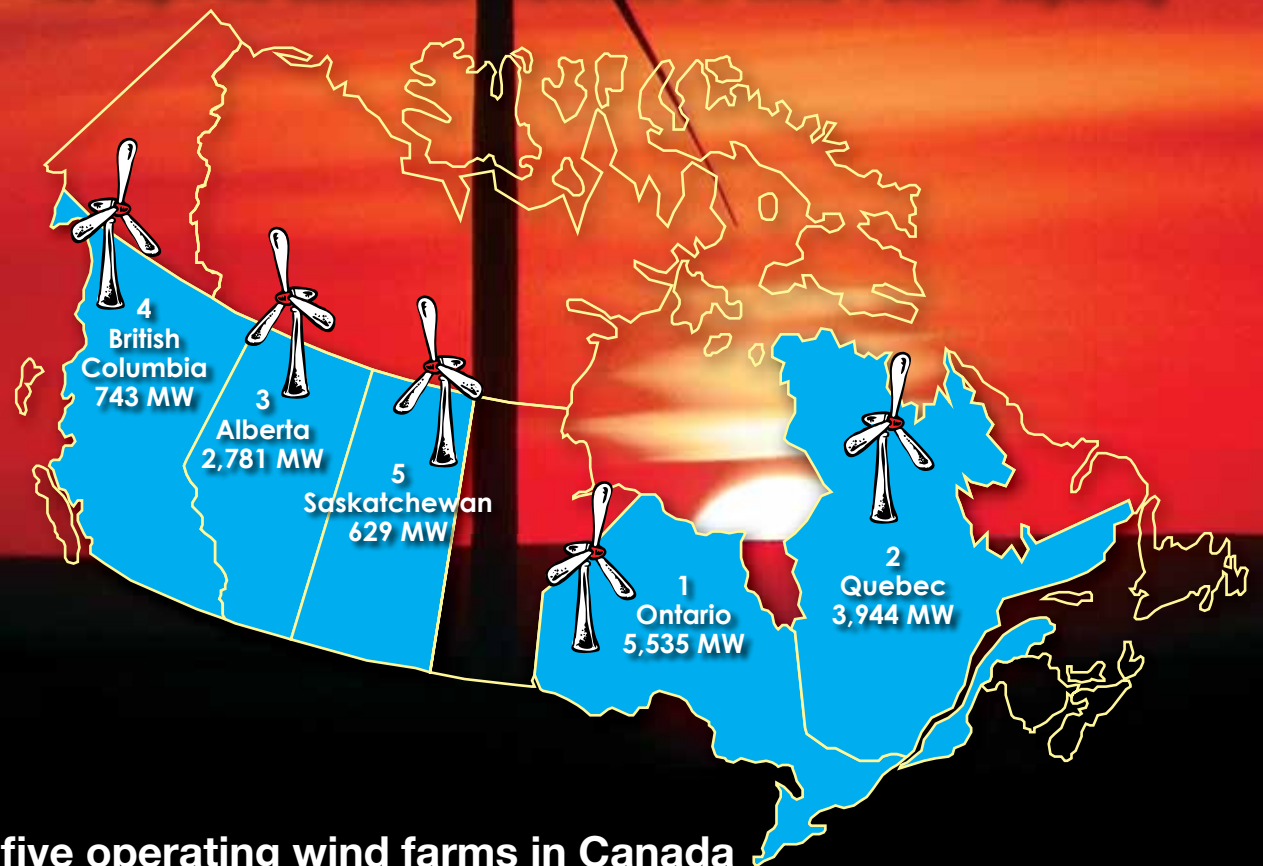
- |  |   |
|--|---|
| 1. Western Spirit Wind - 1,056 MW, New Mexico            | 4. Alta Wind Project - 946 MW, California |
| 2. Great Prairie Wind (Firewheel Wind) - 1,029 MW, Texas | 5. Los Vientos - 912 MW, Texas            |
| 3. Traverse Wind Energy Center - 996 MW, Oklahoma        |   |

## Canadian wind energy operating capacity at the end of 2022 – 15,130 megawatts (MW)

### Wind generating capacity installed in 2022: 1,006 MW

- ▶ Wind energy grew by 7.1 percent (1 GW) in 2022, to a new total of more than 15 GW of installed capacity.
- ▶ Western Canada moved ahead of the pack in wind power in 2022, thanks to significant growth in Alberta (nearly 605 MW) and Saskatchewan (377 MW). There was also some new wind (24 MW) in Quebec.
- ▶ At the end of 2022, Ontario had more than 5.5 GW in total installed wind capacity, powering nearly 1.5 million homes. Quebec had nearly 4 GW. Alberta had a new total of 2.6 GW, Saskatchewan had 804 MW of installed wind capacity, and Nova Scotia had 616 MW.
- ▶ The Canadian Renewable Energy Association (CanREA) is forecasting the addition of more than 5 GW of wind power in the short term (2023-5).

### The Top Five Canadian Provinces in Wind Power Capacity



### Top five operating wind farms in Canada

- |   |   |
|---|---|
| 1. Henvey Inlet - 300 MW, Ontario                   | 4. K2 Wind Power Facility - 270 MW, Ontario   |
| 2. Blackspring Ridge Wind Project - 300 MW, Alberta | 5. Niagara Region Wind Farm - 230 MW, Ontario |
| 3. South Kent Wind Farm - 270 MW, Ontario           |   |

All numbers are to the end of December 2022. Sources: American Clean Power Association: [www.cleanpower.org](http://www.cleanpower.org), the Canadian Renewable Energy Association (CanREA) [www.renewablesassociation.ca](http://www.renewablesassociation.ca)