

North Dakota currently ranks 4th in share of electricity generated from wind. 32 commercial wind farms now reside in 27 counties in North Dakota, generating over 3,000 MW of power in 2019. The wind industry currently accounts for four to five thousand permanent direct, indirect, and manufacturing jobs in North Dakota with a total business activity of over \$6.9 billion through 2019. In 2019, the wind industry paid state and local taxes of \$12 million and \$22 million in annual lease payments to North Dakota landowners. The result of all this activity is that wind now comprises approximately 27% of the energy mix used by utilities in North Dakota.



AMONG TOP 10 STATES FOR WIND ENERGY GENERATION

- Nearly continuous wind, average speeds of 10-13 mph are ideal for wind energy production
- Wind energy capacity increased from 100 MW to over 3,000 MW in the past decade**
- Second-largest electricity generation source in 2019
- Electricity providers have invested billions in new transmission lines and substations to meet increasing demand, ensure reliable delivery of North Dakota-generated power*

Source: U.S. Energy Information Administration
*Source: 2017 Great Plains Energy Corridor Spotlight on North Dakota Energy
**Source: American Wind Energy Association



SIXTH LARGEST ENERGY-PRODUCING STATE

- Oil, natural gas, coal, wind and biofuels all contribute to energy portfolio
- Like oil and other natural resources, wind is a cash crop that North Dakota can export.*
- North Dakota produces about six times more energy than it consumes
- Wind comprises approximately 27% of the energy mix used by utilities in North Dakota
- Electricity use nationwide is expected to grow in all demand sectors through 2050
- Wind and solar projected to have highest percentage growth of any U.S. power source through 2050

Source: U.S. Energy Information Administration
*Source: American Wind Energy Association



\$6.9
BILLION

WIND IS AN ABUNDANT AND VALUABLE ASSET FOR NORTH DAKOTA

- Due to industrywide technology improvements, wind projects are viable across the state
- Landowners received \$22 million in wind project lease payments in 2019
- Approximately \$12 million paid in taxes in 2019 – directly benefiting counties with wind projects
- Over \$37 million in sales tax was paid for by the wind industry through 2019*
- Total business activity impact of wind in North Dakota exceeded \$6.9 billion in 2019

Source: American Wind Energy Association
*Source: North Dakota State Tax Commissioner

WIND is a coalition of industry members and supporters who believe North Dakota should harness its abundance of wind for the continued benefit of its communities and residents. Find out more: windindustrynd.com

Members: American Wind Energy Association (AWEA), Apex Clean Energy, Capital Power, EDF Renewable Energy, Enel Green Power North America Inc., and NextEra Energy Resources.