



## Fact Sheet | Garrison Butte Wind

### Project Details

**Location:** North Dakota, United States

**Expected Commissioning:** 2022

**Status:** In Development

### Fuel Type(s)



Wind

### Proposed Capacity

**151.8 MW**

Our proposed 151.8 MW Garrison Butte Wind project is currently under development in Mercer County, North Dakota. Located in North Dakota's top-tier wind belt, the project is sited on 22,000+ acres with a planned interconnection at GRE's 230-kV Stanton Substation. This project site is optimal for highly efficient construction and promises to be one of the region's most competitive sources of wind energy. A Generator Interconnection Request was filed with the Mid-Continental Independent System Operator (MISO) in March 2018. Currently, MISO expects a tentative timeline of 2021 for the project to receive a Generator Interconnection Agreement (GIA). Capital Power will be filing for both a Conditional Use Permit from Mercer County and Certification of Site Compatibility from the State of North Dakota.

### Consultation and Engagement

We value and consider local community interests and priorities. We engage government, employees, local communities, investors, shareholders, and Indigenous communities. Our goal for every project, every facility and every initiative, internal and external, is to build, operate, and align with the interests and priorities of those closest to, and most impacted by, our operations.

### Project Attributes:

- Located in North Dakota's top-tier wind belt
- Net capacity wind factor projected to be 49-50%
- 100% of land leases executed
- Generator Interconnection Request filed in March 2018
- Wind Turbine technology to be determined

### Land

100% of long-term land leases executed for 22,000+ acre site.

### Permitting

Generator Interconnection Request filed with Mid-Continental Independent System Operator (MISO) in March 2018. Project will require Conditional Use Permit (Mercer County) and Certification of Site Compatibility (State of North Dakota). Required environmental surveys underway.

### Wind Resource

Long-term site-specific data collected from two met towers installed in 2010, and from an additional met tower installed in 2017. A SODAR (Sonic Detection and Ranging) system was installed on site in 2020 to further measure wind speeds and collect site-specific data.

### Interconnection

Proposed interconnection at GRE's 230-kV Stanton Substation.

