

Preliminary siting parameters for turbine locations:

- Wind potential and topography
- Ability to lease contiguous parcels of land
- Minimum distance of 400 feet from section lines or existing roads
- Minimum distance of 1000 feet from occupied residences
- Minimum distance of 400 feet from existing transmission line
- Avoidance of hydric soils areas
- Siting on USFWS grasslands easements was near edges to minimize impact
- 1000 to 2000-foot minimum between turbine locations within the predominant wind direction
- Avoid siting within existing micro-wave paths

Preliminary siting parameters for transmission line locations:

- Minimization of transmission line length
- Consider right-of-way requirements and availability of contiguous parcels of land
- Land use considerations (i.e., potential visual impacts, proximity to residences, potential impact to agricultural activities, and existing/future land use)
- Environmental resource considerations such as potential impacts to sensitive resources (i.e., cultural resources, wildlife, vegetation, and wetlands)
- Jurisdiction and regulatory considerations
- Consider airport height restrictions

Further siting analysis through EIS process:

- Geology, Soils, Paleontology, and Seismicity
- Water Resources
- Climate Change and Air Quality
- Biological Resources
- Wetlands/Riparian Areas
- Cultural Resources
- Land Use
- Transportation
- Recreation
- Visual Resources
- Noise
- Socioeconomics
- Environmental Justice
- Health and Safety

