



Hypothetical Class A Wind Turbine "Strings" after land use & environmental exclusions

Wind Power Class
At 50m above ground*

- Class 3
- Class 4
- Class 5
- Class 6
- Class 7

*ridgetop estimates

Transmission Lines

- 34.5 kV
- 46 kV
- 69 kV
- 115 kV
- 120 kV
- 230 kV
- 345 kV
- 450 kV

Class A* Wind Turbine "Strings"
*connected at transmission voltage levels

- 759 miles remaining
- Selection Criteria:
- 3-mile 34.5-120kV transmission line buffer
 - Wind Power Class 3 or greater

- Screening Criteria:
- Proximity to App & Long Trails
 - GMNF "Visually Prominent" area
 - Conserved Public and Private lands
 - GMNF Management areas, restrictive to development
 - State Endangered and Threatened Species

Road System

- US Interstate System
- US & State Highways
- Town Highways
- Class 3 Town Roads
- County Lines

Wind and Biomass Integration Scenarios in Vermont

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This map is part of a study to evaluate the technical and cost implications of establishing a large amount of wind and biomass power on Vermont's electric grid. The study is still in progress, with results due later in 2002.

None of the project sponsors make any claims associated with this map, implied or expressed, as to the technical or economic feasibility, or the public acceptance of siting any amount of wind energy generation in any of the locations indicated on the map