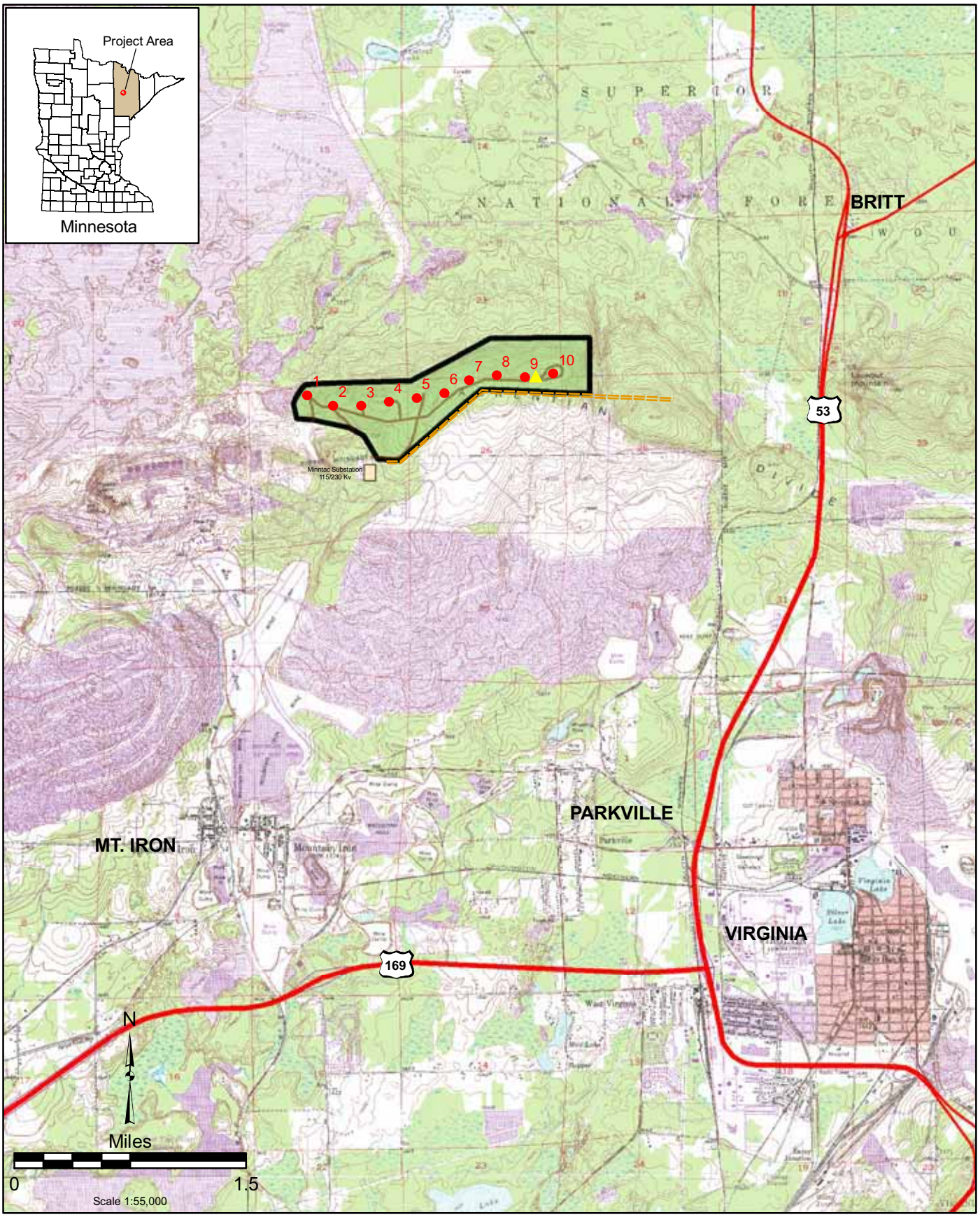

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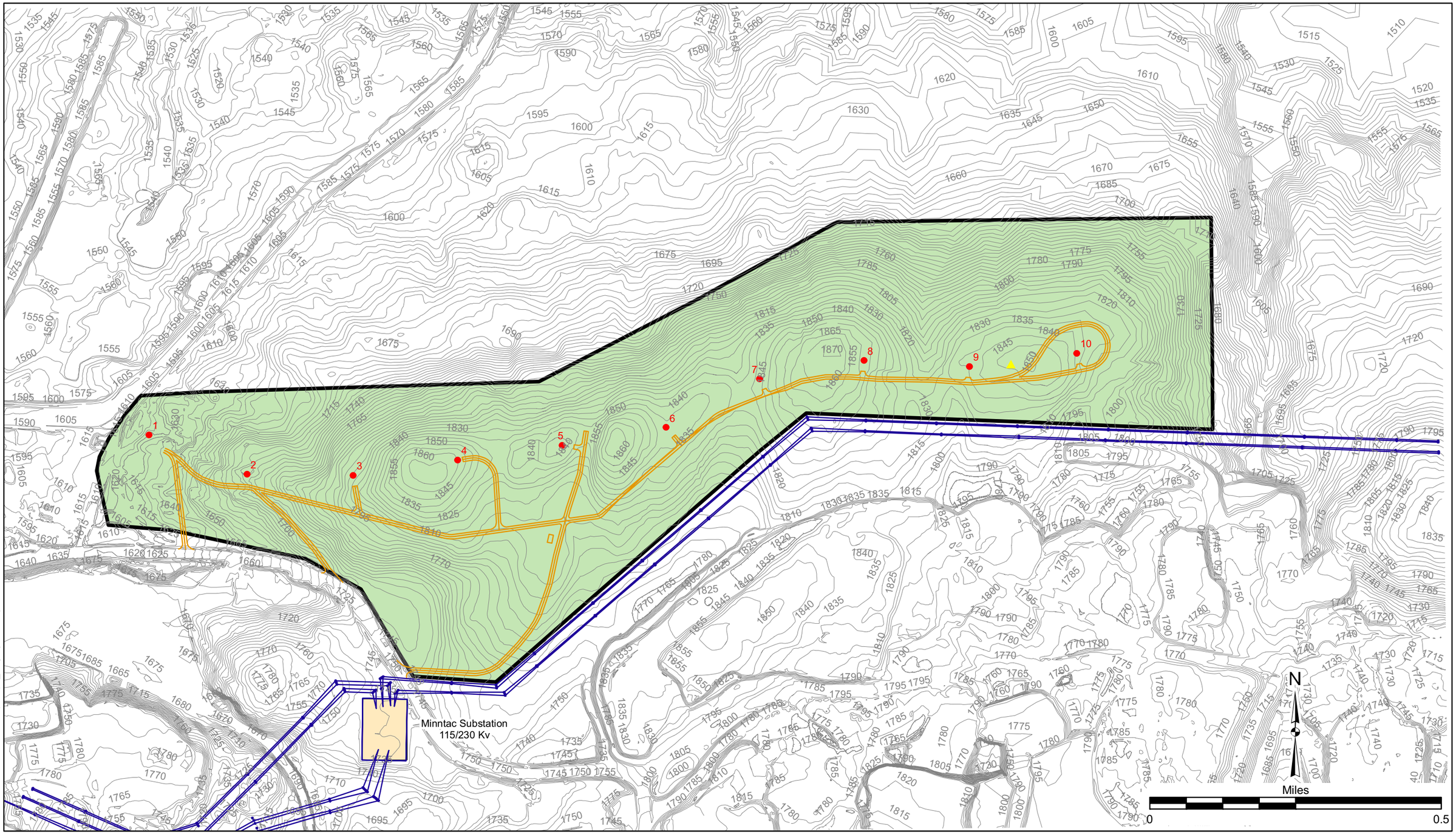
May 2007

Turbine Location
Meteorological Tower
Access Road
Major Road
Transmission Line
Project Area
Substation

Map 1. Project Vicinity
Taconite Ridge Wind Farm
St. Louis County, Minnesota
Minnesota Power



April 2007

Map 2. Project Layout

Taconite Ridge I Wind Energy Center

St. Louis County, Minnesota

Minnesota Power

Turbine Location

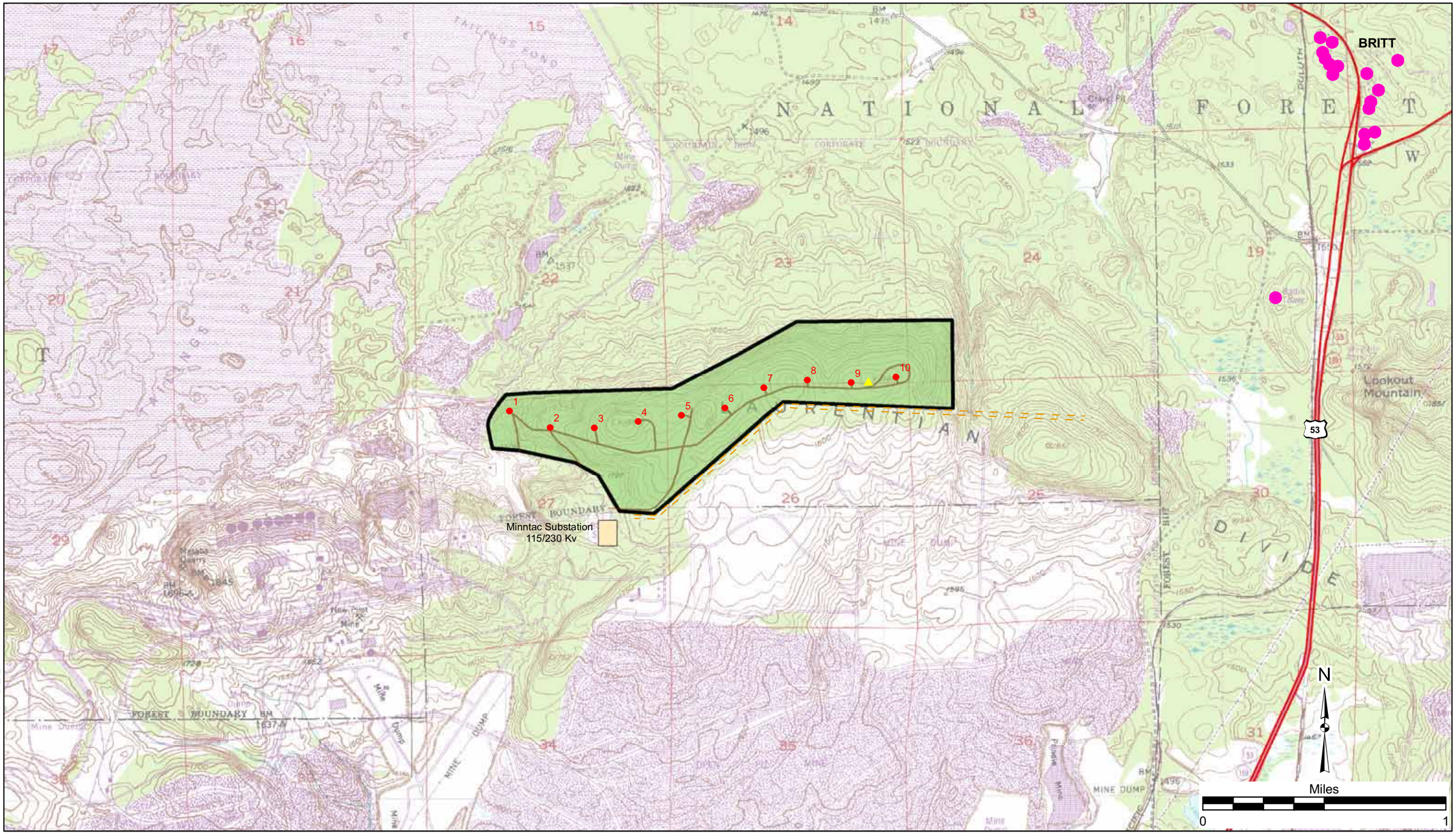
Meteorological Tower

Access Road

Transmission Line

Project Area

Substation



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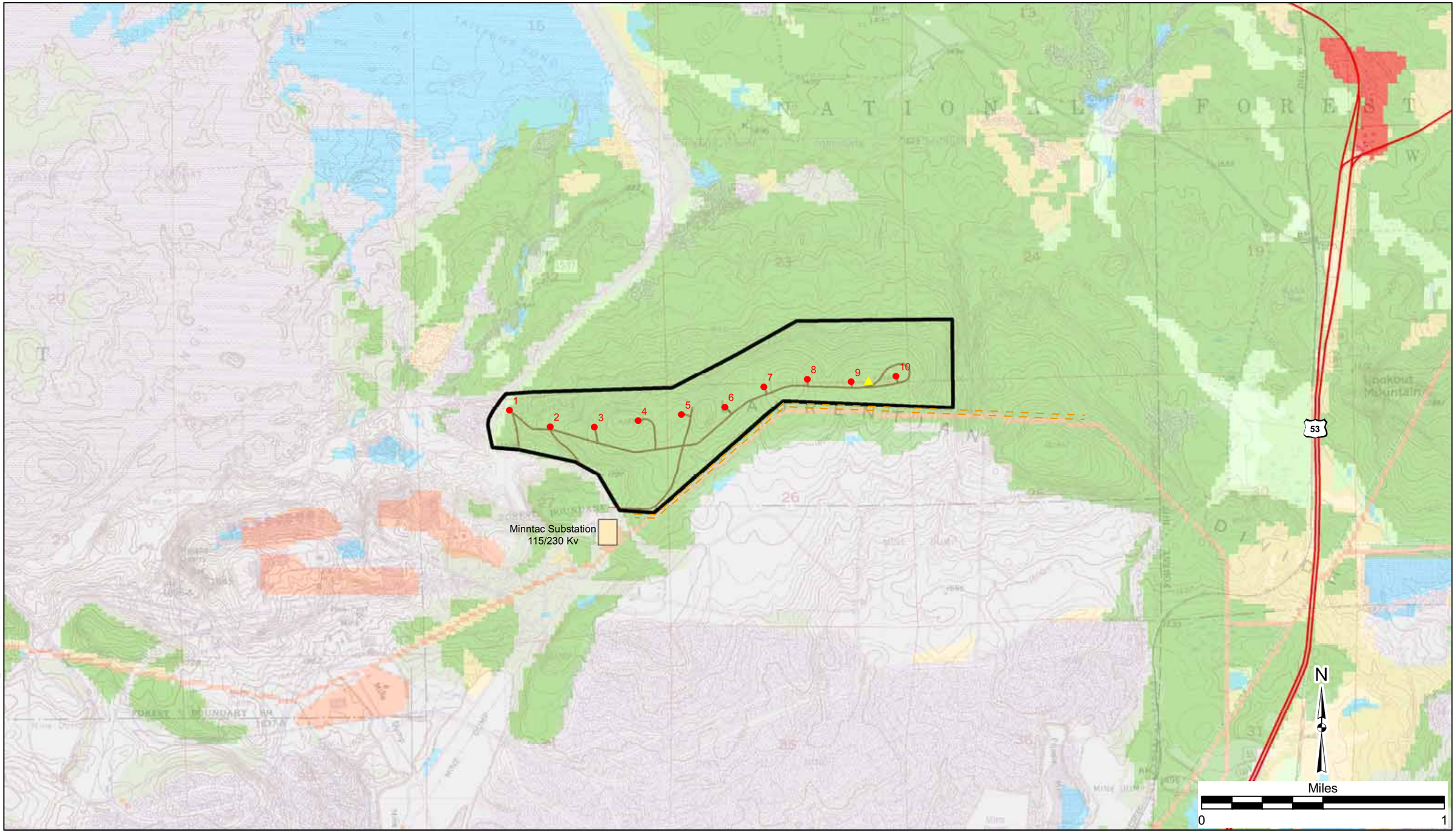
Residences
Turbine Location
Meteorological Tower
Major Road
Access Road
Transmission Line
Project Area
Substation

April 2007

Map 3. Residences
Taconite Ridge I Wind Energy Center
St. Louis County, Minnesota
Minnesota Power



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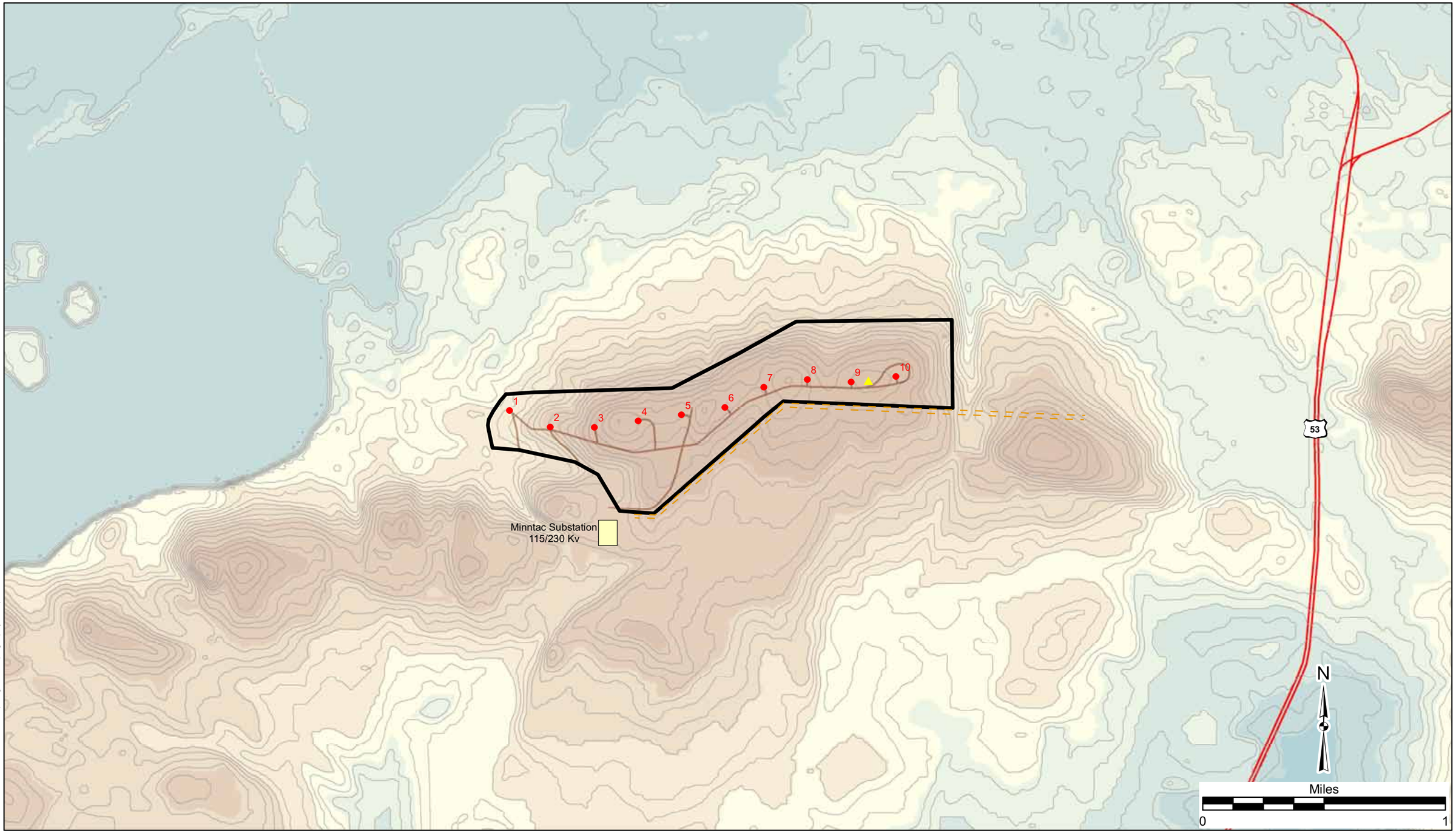
April 2007

Map 4. Land Use and Land Cover
Taconite Ridge I Wind Energy Center
St. Louis County, Minnesota
Minnesota Power

- Turbine Location
- Meteorological Tower
- Major Road
- Access Road
- Transmission Line
- Project Area
- Substation
- Forest
- Grassland
- Gravel pits and open mines
- Open water
- Other rural developments
- Urban/Industrial
- Wetlands - bog, marsh and fen



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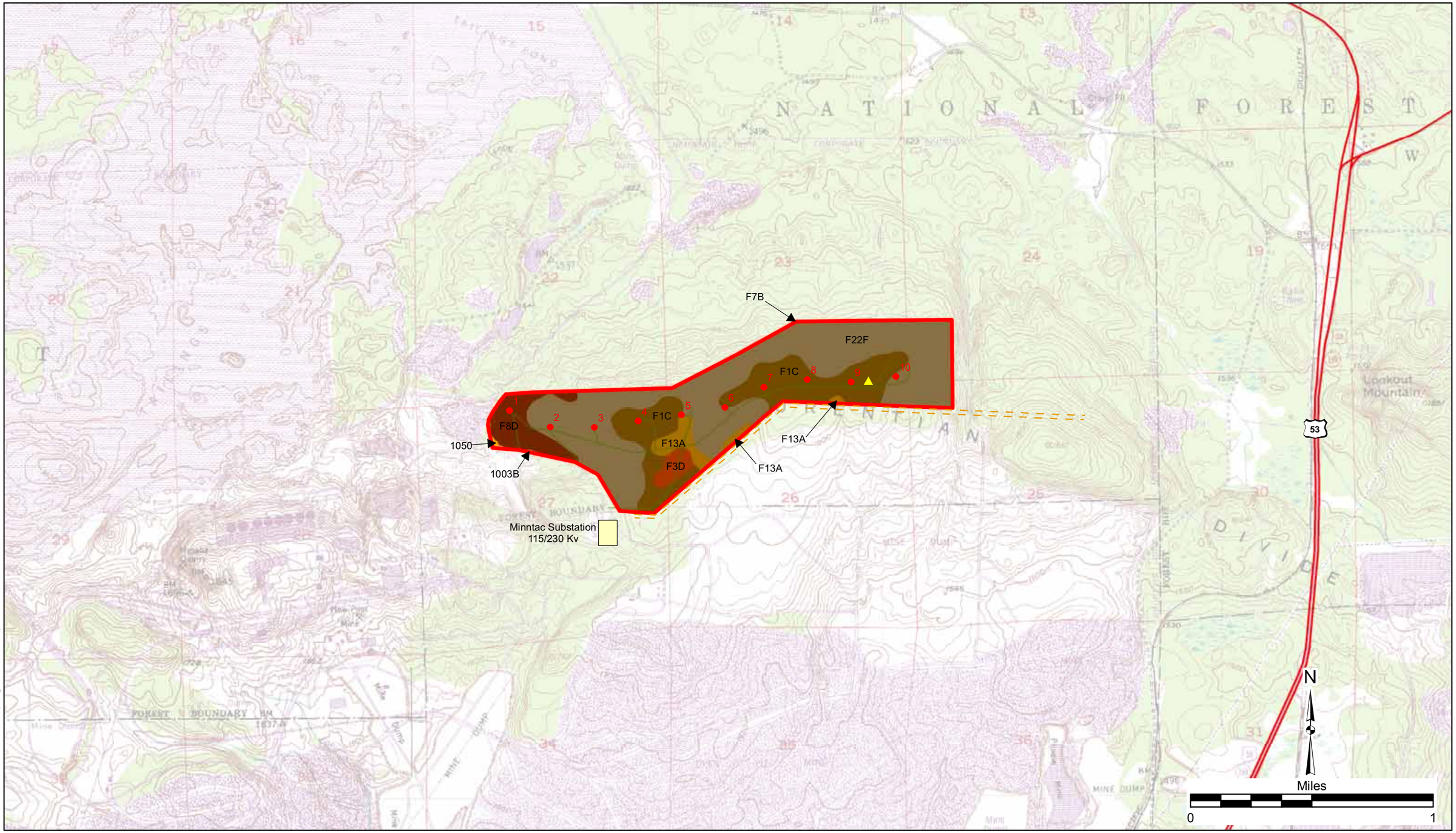
Turbine Location
Meteorological Tower
Contour Interval (5 m)
Major Road
Transmission Line
Access Road
Project Area
Substation

Elevation (meters)

444 - 454
454 - 465
465 - 477
477 - 490
490 - 504
504 - 522
522 - 541
541 - 571

April 2007

Map 5. Topography
Taconite Ridge I Wind Energy Center
St. Louis County, Minnesota
Minnesota Power



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April 2007

Map 6. Soils

Taconite Ridge I Wind Energy Center

St. Louis County, Minnesota

Minnesota Power

Turbine Location

Meteorological Tower

Transmission Line

Major Road

Access Road

Project Area

Substation

Soil Map Units

1003B - Udorthents, loamy

1050 - Tailings basin

F13A - Babbitt, bouldery-Aquepts

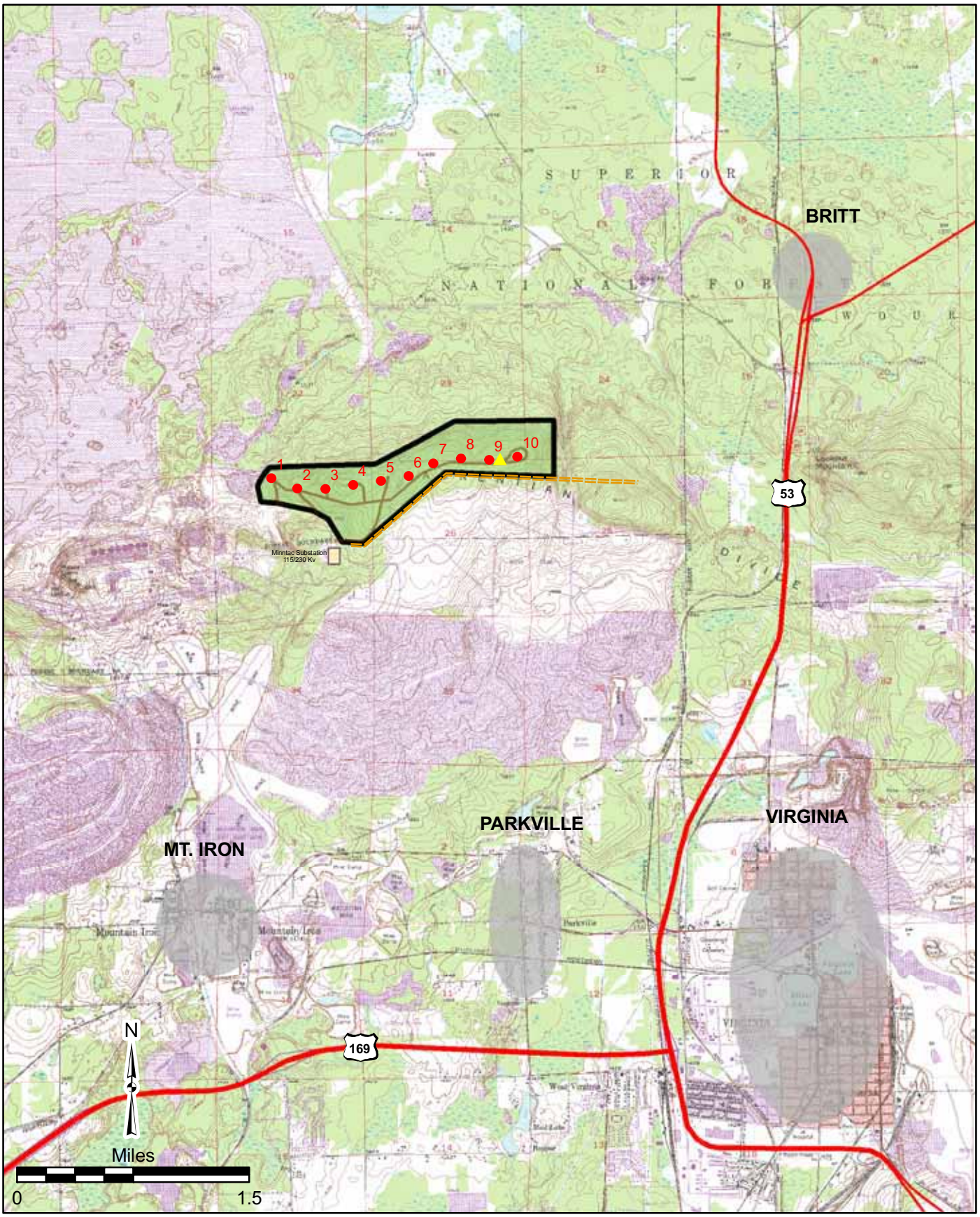
F1C - Eaglesnest stony loam

F22F - Eveleth-Conic complex

F3D - Eveleth-Eaglesnest-Conic complex

F7B - Biwabik-Graycalm complex

F8D - Biwabik-Graycalm-Friendship complex



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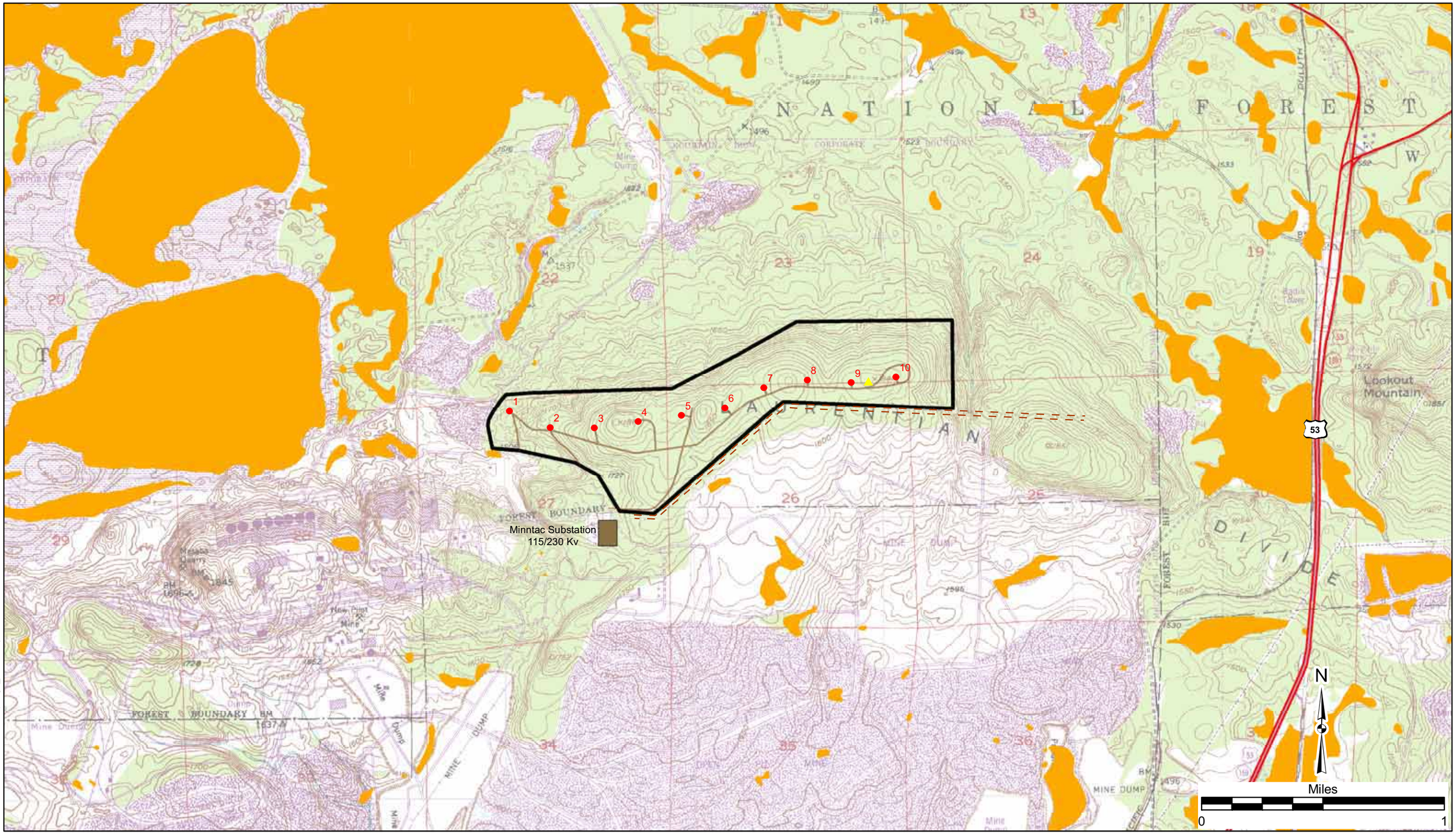
May 2007

Turbine Location
Meteorological Tower
Access Road
Major Road
Transmission Line
Project Area
Substation
Key Observation

Map 7. Key Observations
Taconite Ridge Wind Farm
St. Louis County, Minnesota
Minnesota Power



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April 2007

Turbine Location
Meteorological Tower
Major Road
Access Road
Transmission Line
Project Area
Substation
Wetlands

Map 8. National Wetlands Inventory Land
Taconite Ridge I Wind Energy Center
St. Louis County, Minnesota
Minnesota Power