

Wind Energy Options: One Size Doesn't Fit All



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Anchorage, Alaska

Wheeler, Texas



- Turbine Size: 1 kW
- Turbine
Manufacturer: World Power Technologies
- Application: Water-pumping for 120 head of cattle

Scott City, Kansas

- Turbine Size: 10 kW
- Turbine Manufacturer: Bergey WindPower
- Application: Grid-connected, supplements power supply for farm



Orland, Maine

- Turbine Size: 50 kW
- Turbine Manufacturer: Atlantic Orient Corp.
- Developer/owner: G.M. Allen & Sons Blueberry Processing Plant
- Application: Net-metering for utility bill reduction



Saint Paul Island, Alaska



- Turbine Size: 225 kW
 - Turbine Manufacturer: Vestas
- Developer/owner: Northern Power Systems
- Capacity: .225 MW

Hull, Massachusetts

- Turbine Size: 660 kW
- Turbine Manufacturer: Vestas
- Developer/Owner: Hull Municipal Lighting Plant
- Capacity: .66 MW



Rosebud, SD



- Turbine Size: 750 KW
- Turbine Manufacturer: NEG Micon
- Turbine Owner: Rosebud Sioux Indian Reservation (Commissioned March 2003)
- PPA: Basin Electric
- Green Tags: Native Energy, US Air Force

Spirit Lake, IA



- Turbine: NEG Micon
- Size: 750 kw
- Owner: Spirit Lake Community Schools

Moorhead, Minnesota



- Turbine Size: 750 kW
- Turbine Manufacturer: NEG Micon
- Developer: Moorhead Public Service
- Capacity: .75 MW

Kas Brothers Farm, MN



- 2x750 kW
- NEG Micon
- Farmer owned

MinWin I and II, MN



- 2x2x900 kW
- NEG Micon
- Farmer Cooperative - MN

Municipal Wind Power Pioneers



Waverly Light and Power

Project Location – Northeastern, IA

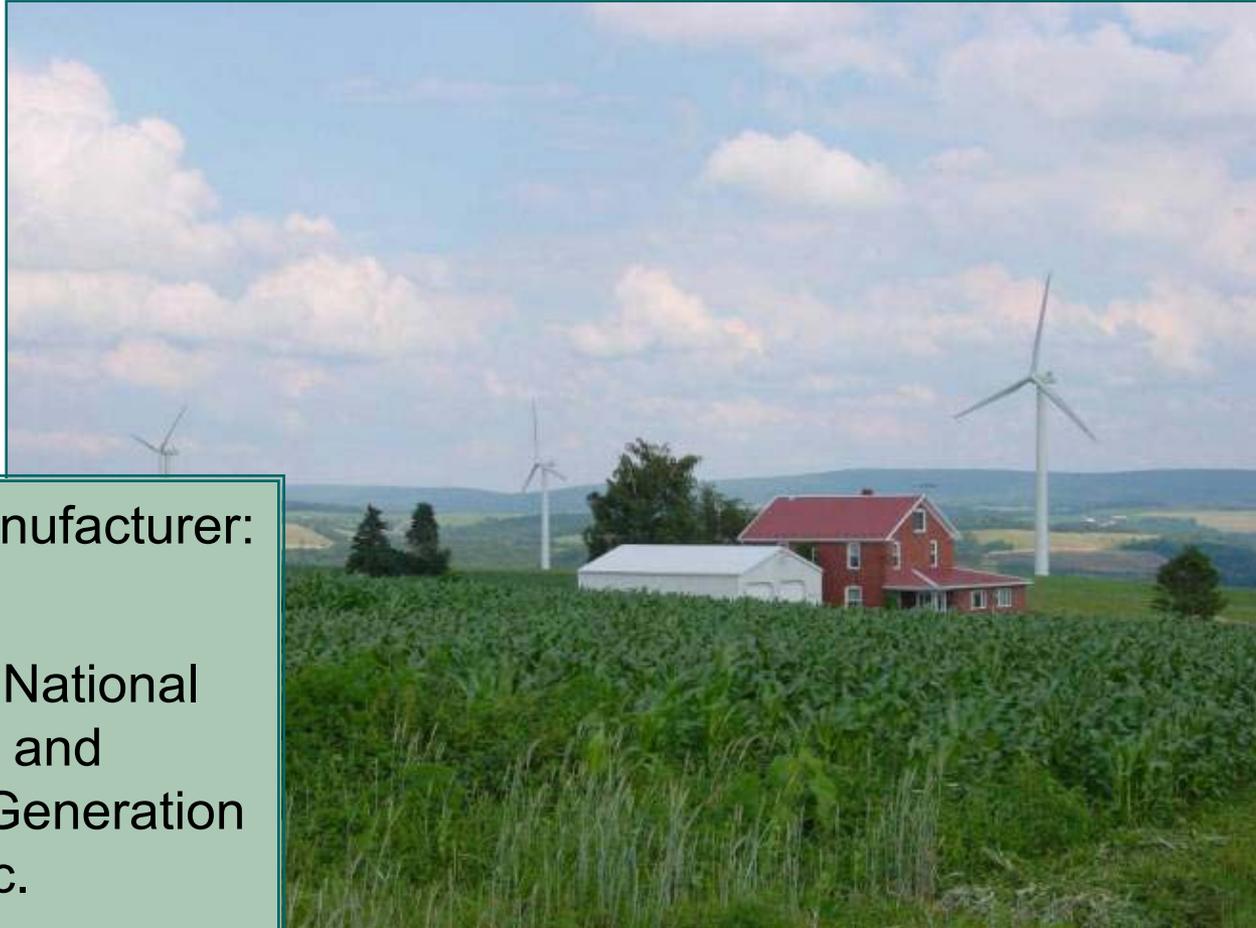
- Capacity – 2.4 MW
- Expected Generation – 5% of the utility's annual energy requirements
- Green Power Certificates – Iowa Energy Tags, 2500 kWh each
- Premium Cost – 2.0 cents/kWh (\$50/2500 kWh)

Chamberlain, South Dakota

- Turbine Size: 1300 kW
- Turbine Manufacturer: Nordex
- Developer: Crown Butte Wind Power
- Capacity: 2.6 MW



Garrett, Pennsylvania



- Turbine Manufacturer: Nordex
- Developer: National Wind Power and Distributed Generation Systems, Inc.
- Capacity: 10.4 kW

Kimball, Nebraska



- Turbine Size: 1.5 MW
- Turbine Manufacturer: NEG Micon
- Developer/Owner: Municipal Energy Association of Nebraska (MEAN)/TVIG
- Capacity: 10.5 MW

Lamar, CO



- Turbine Size:
1.5MW
- Manufacturer:
GE Wind
- Developer/Owner:
GE Wind/Shell,
PPM
- Capacity: 162 MW
- Commissioned:
2003



Carpe Ventem

www.windpoweringamerica.gov