



Wind Resource Assessments For Homes, Farms, Businesses, Schools, Tribes, and Communities

Comprehensive Wind Energy Planning begins with Resource Assessment

Seventh Generation Energy Systems (SGES) is a leading renewable energy engineering firm. Since our beginning in 2002, we have specialized in siting wind energy systems where they will be most productive. Our clients range from schools and small businesses, to farms and Native American Tribes, to wind farm developers, and Municipalities and community groups. Our Resource Division serves small and large clients alike, ensuring that every dollar spent on a wind turbine maximizes the resource available.

SGES provides a comprehensive set of services, from basic on the ground assessment to high level monitoring of resources with the newest technology. SGES will assess your property's potential for hosting a wind turbine, taking into account: obstacles such as trees and buildings; distance to electrical connection; relevant local planning policies, and the various turbine options (including cost & production estimates) available to you. Whatever the size of your project, SGES is here to start you out on the right path.

Certified Site Assessment Cost

All SGES wind site assessors are fully trained and certified by the state of Wisconsin through the Focus On Energy program. Our rates are \$500 for a single home or \$750 for non-residential reports. In Wisconsin, rebates from Focus are available at the rate of \$200 for residential assessments and 100% of your cost for non-residential if a system is installed.

Community Wind Feasibility

For larger turbine projects, a wind feasibility assessment which takes into account a wider scope of resource and permitting issues may be appropriate. Focus On Energy funding is available for up to 50% of your project costs, capped at \$10,000.

Please inquire about our cost effective meteorological tower leasing and data analysis program for municipal, tribal, and educational entities.

SGES Wind Resource Assessment Reports Include:

Site Description

- Airports
- Soil conditions
- Electrical service and usage
- Physical Characteristics - topography, trees, buildings

Wind Resource Description

- Average Wind Speed
- Wind Shear
- Wind Direction
- Frequency Distribution
- Turbulence Intensity

Turbine and Site Selection

- Feasible turbine sites
- Tower types
- Turbine types (up to five commercially available models)

Energy and Economic Performance

- Estimated annual energy output
- Financial Costs and Incentives Available for each Turbine
- Financial Summary of Turbines

