



**Date:**

**Thursday, March 25, 2010**

**Time:**

**3:40 p.m. – 3:55 p.m**

**Presentation:**

***“Wind Resource Assessment and Analysis for Schools, Businesses and Communities”***

Dave Drapec, Seventh Generation Energy Systems

The presentation would discuss all aspects of siting wind systems; the challenges encountered when trying to estimate the power of the wind; and the importance of installers, manufacturers and customers to receive a wind site assessment prior to any installation. The presentation would address the quality and accuracy of site assessments using the various tools and techniques adopted by site assessors over time.

The presentation would address the importance of wind site assessments and give a general overview of the initial process of siting a wind system. This includes the steps involved in finding a certified wind site assessor, discussing what questions to ask during a wind site assessment, and give a brief synopsis of all of the variables involved in siting a wind system so that the customer could initially screen out a potentially poor site for a wind system. Some of the variables involved in siting a wind system that will be briefly discussed in the presentation include; quality of wind resource, predominant wind direction, terrain features, obstructions to air flow, minimum tower height, annual electricity usage, and sizing the wind system.

The presentation would also give a brief synopsis of state and federal grants available for renewable energy systems. In addition, the presentation would provide references and information to learn about the initial steps necessary in applying for available incentives and grants, as well as discuss the necessary steps required by Focus on Energy to receive funding on a wind system in the State of Wisconsin.

**Presenter Biography:**

**Dave Drapac**

Dave Drapac manages the SGES Wind Resource Assessment division. He oversees the technology, processes and standards of assessments. Dave specializes in monitoring and analysis of site specific wind resources. He has developed feasibility studies for a number of communities and Native American Tribes, and oversees the site assessors at SGES. Dave manages the SGES met tower data system, monitors the daily operation of several dozen met towers, and provides data analysis reports to clients as needed. In addition, he manages the Seventh Wind Calculator for small wind turbines used by the site assessment program.

Mr. Drapac holds a B.S. in computer science and has over five years of relevant experience in the field, including database design, system administration, and software development.