



2009 WISCONSIN

Renewable Energy Summit

Renewables, Sustainability, Energy Efficiency,
Social Responsibility, and Green Energy Practices

Wind Energy

Session 19-3

DATE:

THURSDAY, MARCH 26, 2009

Breakout Session 19-3:

Time:

Community Wind

10:00am - 11:45am

Moderator:

Mark Hutter, Manager, North American Accounts, Michels Corporation

Presenters:

Community Wind Development

Wes Slaymaker, Owner/Project Engineer, WES Engineering LLC

This presentation will provide an overview of the wind development process, and the challenges and opportunities for community wind projects in Wisconsin and the Midwest. The steps required to develop a project will be explained, and the biggest obstacles will be described along with possible methods to overcome those obstacles. The steps include wind monitoring, interconnection studies, power sales, permitting, financing, and turbine selection. The audience will have time at the end to ask questions.

Natural Resource and Permitting Strategies for Siting Wind Energy Facilities

Jon Gumtow, Senior Scientist, Natural Resources Consulting, Inc.

Attendees of this presentation will learn the important steps necessary to successfully develop, permit and construct a wind farm project. A sample project from Wisconsin will be presented to highlight key issues. Problems that may be encountered that could derail or delay the project will be identified. Presentation to be conducted by developer, environmental resources consulting firm and Balance of Plant (BOP) contractor followed by a panel discussion to answer any audience questions.

The focus of Jon Gumtow's presentation will be on the importance of identifying natural resource constraints early in the project planning process and understanding regulatory requirements to streamline local, state, and federal permitting approvals.

Developing, Permitting, and Constructing Wind Energy Projects

Mark Hutter, Manager, North American Accounts, Michels Corporation

Attendees of this presentation will learn the important steps necessary to successfully develop, permit and construct a wind farm project. A sample project from Wisconsin will be presented to highlight key issues. Problems that may be encountered that could derail or delay the project will be identified. Presentation to be conducted by developer, environmental resources consulting firm and Balance of Plant (BOP) contractor.

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biographies
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Presenter Biographies:

Wes Slaymaker

Wes Slaymaker, P.E., has presented at the last three National Community Wind conferences on the wind development process (2004 in MPLS, MN, 2006 in Des Moines, IA and 2008 in Albany, NY). He has also presented at the Illinois State Wind Conference in 2006 and 2007 on wind development (Peoria, IL) and the AWEA Milwaukee Siting Conference in 2007. Wes Slaymaker was selected in 2005 by Focus on Energy to host a one day seminar on Siting Commercial Wind Turbines (Madison, WI)

Jon Gumtow

Jon Gumtow is a Senior Principal Scientist at NRC responsible for managing our seven regional offices and leading our team of specialists serving the wind industry. He is a professional wetland scientist (PWS) and a licensed soil scientist (PSS) specializing in conducting baseline studies and permitting numerous wind projects in the Midwest. Jon has 23 years of professional experience as a field scientist and project manager siting and permitting large wind, transmission, pipeline, transportation, and industrial projects

Mark Hutter

Mark Hutter has a diverse background in commercial and industrial general contracting, real estate development, manufacturing and wind farm construction. Mark was involved in the construction of Forward Energy wind farm in Brownsville, WI (129 MW). Mark's current responsibilities include strategic planning and marketing for renewable energy construction for Michels Corporation in the United States and Canada. He is active in the Wisconsin Wind Working Group and Wind For Wisconsin. Mark earned degrees in Marketing and Finance from St. Louis University and an MBA from Joseph M. Katz Graduate School of Business, University of Pittsburgh.