Seminar Agenda

Presented by John Blittersdorf  
and  
Presented in conjunction with SUNY Cobleskill

Understanding the Technology of and Applications for Small Wind Systems
Defining small wind systems
Reviewing technology and equipment
• What a small wind system does and how it does it
Horizontal and vertical axis turbines
Evaluating manufacturers and equipment

Understanding the Economics of Wind Energy
Calculating the cost of the system
Calculating the energy output
Researching utility treatment of wind energy
Obtaining incentives and rebates
Calculating lifecycle cost
Calculating return on investment

Reviewing Restrictions on Small Wind Energy Systems
Understanding state policy on small wind energy systems
Investigating land use and zoning restrictions
Understanding the permitting process

Assessing Sites for Small Wind Energy Systems
Researching sites using federal and state maps and statistics
Obtaining wind energy assessments
• Finding a wind consultant
• Making sure you receive a comprehensive assessment
Evaluating the suitability of the site from an installation perspective

Installing Small Wind Energy Systems
Sizing small wind systems
• Choosing a turbine
• Choosing a tower
Overview of installation process
Connecting to the utility grid
Non-grid-tied systems
Using batteries to store electricity
Repair, maintenance and longevity of systems
Integration with other renewable energy systems

Case Studies of Small Wind Installations
Examining residential, commercial and rural installations

Learning Objectives

You’ll be able to:

Understand the technology of and applications for small wind systems.

Consider the economics of wind energy.

Identify restrictions on small wind energy systems.

Receive practical tips on site assessments for small wind energy systems.

Discuss small wind energy system installation case studies.

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Continuing Education Credits

Architects
6.5 HSW Contact Hours
6.5 AIA HSW Learning Units

Professional Engineers
6.5 Contact Hours/ PDHs

Contractors
Non-Mandatory Cont. Ed.
About the Seminar

Continuing Education Credit Information
This seminar is open to the public and offers up to 6.5 HSW continuing education hours to architects and 6.5 PDHs to professional engineers in all states. HalfMoon Education is deemed a New York-approved continuing education provider for New York engineers (Approval No. 245-P00000770). The American Institute of Architects has approved this event for 6.5 HSW Learning Units ( Sponsor No. J86). Courses approved by the AIA qualify for New Jersey and District of Columbia architects.

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar. You may also send another person to take your place.

Additional Learning

June Webinar Series

Combined Heat and Power Webinar Series
- Understanding the Environmental and Economic Benefits of Combined Heat and Power (CHP)
  - Thurs. June 4, 2015, 12:00 - 2:00 PM EDT
- Examining Combined Heat and Power Technologies
  - Thurs. June 11, 2015, 12:00 - 2:00 PM EDT

Moisture Control and Building Envelopes
- Introduction to the Science of Air and Moisture Movement
  - Tuesday, June 16, 2015, 12:00 - 2:00 PM EDT
- Designing Moisture-Resistant Foundations
  - Tuesday, June 16, 2015, 2:30 - 4:00 PM EDT
- Designing Moisture-Resistant Wall Systems
  - Thurs., June 18, 2015, 12:00 - 2:00 PM EDT
- Designing Moisture-Resistant Roof Systems
  - Thurs. June 18, 2015, 2:30 - 4:00 PM EDT

Complying with Energy Conservation Codes Webinar Series
- Energy Conservation Code and COMcheck Introduction
  - Wed., June 24, 2015, 12:00 - 2:00 PM EDT
- Energy Conserving Building Envelopes
  - Wed., June 24, 2015, 2:30 - 4:30 PM EDT
- Heating, Ventilating and Air Conditioning Systems
  - Thurs. June 25, 2015, 12:00 - 1:30 PM EDT
- Service Water Heating, Power and Lighting
  - Thurs., June 25, 2015, 2:00 - 3:30 PM EDT

Tuition

How to Register

Online:
- www.halfmoonseminars.org

Phone:
- 715-835-5900

Fax:
- 715-835-6066

Mail:
- HalfMoon Education Inc.
  PO Box 278, Altroona, WI
  54720-0278

Complete the entire form. Attach duplicates if necessary.

About the Seminar

John Blittersdorf

About the Seminar

Faculty

Mr. Blittersdorf is responsible for the design and installation of 250 renewable energy systems throughout Vermont and neighboring states. He maintains inventory, performs daily business operations, and teaches solar and wind workshops throughout the general course of business. Mr. Blittersdorf is North American Board of Certified Energy Professionals (NABCEP) certified and SMA certified, and he is a subcontractor for the largest solar photovoltaic system in Vermont. He is responsible for complex electronic circuitry design, and he installs wind measurement data logging devices at potential wind farm sites. Mr. Blittersdorf received a degree in Forestry from Colorado State University at Fort Collins, and he attended the Naval Aviation Electronics School in Memphis, Tennessee, and Pautaux, Maryland.

Presented in conjunction with.....

Cobleskill

Small Wind Energy Systems
Cobleskill, NY - Wednesday, July 15, 2015

How to Register

Registrant Information
- Name: __________________________
- Company/Firm: ______________________
- Address: __________________________
- City: __________________________
- State: ________ Zip: __________
- Occupation: ______________________
- Phone: __________________________
- Email: __________________________
- Key Code:

Additional Registrants:
- Name: __________________________
- Occupation: ______________________
- Phone: __________________________
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Tuition

( ) I will be attending the live seminar. Single Registrant - $269.00. Three or more registrants from the same company registering at the same time - $249.00 each.

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