

NEW ENGLAND WIND ENERGY EDUCATION PROJECT (NEWEEP) MAY 5, 2010 - WEBINAR

- Moderator - **Bob Grace**, Sustainable Energy Advantage LLC
- Presentations by:
 - **Heather Hunt**, Executive Director of New England States Committee on Electricity (NESCOE) - **“Wind Power’s Role in Achieving Regional Policy Objectives”**
 - **Ben Hoen**, Consultant to the Lawrence Berkeley National Laboratories (LBNL) - **“The Impact of Wind Power Projects on Residential Property Values”**
- Question & Answer Period
 - To ask a question:
 - Click Q&A at the top of the Live Meeting Window
 - Type your name, location & question in the Q&A box
 - Click “Ask” to send question

NEW ENGLAND WIND ENERGY EDUCATION PROJECT (NEWEEP)

Webinar #1

May 5, 2010

Good Info →
Good Decisions

AGENDA

- ◎ Introduction to NEWEEP - Project Overview
 - Objectives, Project Description and Funding
 - Roles of Grantees and Steering Committee
 - Project Philosophy & Approach
 - Project Resources & Materials
- ◎ First Webinar
 - Call mechanics, Q & A
 - Topics & Speakers

NEWEEP:
OBJECTIVES,
PROJECT DESCRIPTION,
& FUNDING

NEWEEP OBJECTIVES

- ◎ Provide siting decision-makers & the potentially-impacted public with objective information on which to make informed decisions about proposed wind energy projects throughout New England by:
 - Collecting and disseminating accurate, objective, up-to-date information on critical wind energy issues impacting market acceptance of the hundreds of land-based and off-shore wind development projects proposed in the region
 - Enhancing the region's public acceptance of appropriately-sited wind energy generation

PROJECT OVERVIEW: WEBINARS, CONFERENCE, & OUTREACH

- ◎ 2-year project through Dec 2011
- ◎ 8+ webinars
- ◎ Full-day, in-person Conference (2011)
- ◎ Outreach/Awareness
 - Web-based home for webinar-related materials - the New England Wind Forum

POTENTIAL WEBINAR TOPICS

- ⦿ Surveyed Steering Committee to help prioritize topics
- ⦿ Examples of topics to be addressed:
 - “The Impact of Wind Power Projects on Residential Property Values”
 - “Understanding the Impacts of Wind Turbine Sound”
 - “The Impact of Wind Power Variability on the Electric Grid and Effectiveness at Meeting Environmental Objectives”
 - Visual Considerations (e.g. flicker)

NEWEEP FUNDING

- ◉ May 2008: U.S. Department of Energy (DOE) issues report: *20% Wind Energy by 2030: Increasing Wind Energy's Contribution to U.S. Electricity Supply*
 - Explores feasibility of reaching 20% wind
 - Concludes: U.S. has affordable wind energy resources far in excess of the 20% target, but major challenges to be overcome for 20% wind to be possible
 - ◉ Dec. 2008: DOE Issues Financial Assistance Funding Opportunity Announcement: *20% Wind by 2030: Overcoming the Challenges*
 - Topics for funding included 'Market Acceptance'
 - NEWEEP was selected in 2009 for grant funding by DOE as part of its Wind Powering America 'Market Acceptance' program
- ➔ Not industry-funded

NEWEEP: ROLES OF GRANTEES & STEERING COMMITTEE

GRANTEES

- Grant Co-applicants:
 - Sustainable Energy Advantage, LLC (SEA)
 - National Renewable Energy Laboratory (NREL)

- NEWEEP is:
 - Coordinated by SEA
 - Directed by a Steering Committee consisting of New England state agencies, regional and national research organizations and New England's regional grid operator, who have committed to participate in the project.

- Webinars to be moderated by SEA, NREL, or guests with particular expertise

NEWEEP IS DIRECTED BY DOE & STEERING COMMITTEE

- ◉ National Renewable Energy Laboratory (NREL)
- ◉ Connecticut Clean Energy Fund (CCEF)
- ◉ Massachusetts Clean Energy Center (CEC)
- ◉ University of Massachusetts - Wind Energy Center (WEC)
- ◉ Maine Public Utilities Commission (MPUC)
- ◉ ISO-New England (ISO-NE)
- ◉ Utility Wind Integration Group (UWIG)
- ◉ Lawrence Berkeley National Laboratory (LBNL)
- ◉ Massachusetts Department of Energy Resources (DOER)
- ◉ Clean Energy States Alliance (CESA)
- ◉ New Hampshire Office of Energy & Planning (OEP)
- ◉ Renewable Energy New England (RENEW)*
 - ◉ An organization consisting of environmental advocates & wind businesses
- ◉ NEWEEP is neither industry-funded nor industry-driven

ROLE OF STEERING COMMITTEE: TO DIRECT & GUIDE THE PROCESS

- ◉ Convene to plan and implement execution of NEWEEP deliverables
- ◉ Provide guidance regarding content, public image, tone and general execution of NEWEEP
- ◉ Offer speakers, input, conference planning support or venue, research, speaker recruiting
- ◉ Recommend topics, speakers and schedule for webinars and in-person conference
- ◉ Outreach

NEWEEP: PHILOSOPHY & APPROACH

Good Info → Good Decisions



PHILOSOPHY

PERSPECTIVE: OBJECTIVITY

- ⊙ Wind Energy has benefits, but...
 - not every place is the right place for wind generation
- ⊙ *Framing principle:*
 - The consequences of wind power are rarely as dire as made out to be by organized opponents...
 - And are often not as free of consequence as proponents would hope (and represent)...

APPROACH

- ◉ Seek out knowledgeable speaker(s) who can convey credibility, objectivity and address research with various points of view
- ◉ Content - what is known, what is not known
 - Research: speaker's, and review of the literature
 - focus → credibility → emphasis on scientific/peer-reviewed research & studies
 - Steering Committee identifies what they'd like addressed
 - Concerns, research or other writings that have raised issues
 - Info (or lack of info) that is worrying people in communities, siting regulatory authorities, etc.?
 - What info or experience create need for objective research?
 - Literature review, Annotated bibliography of references
 - Discuss Mitigation & Identify research needs
- ◉ Webinar participant Q&A
- ◉ Repository for Webinar materials: New England Wind Forum
 - All NEWEEP presentations & reference materials will be available to the public

NEWEEP: TODAY'S WEBINAR



NEW ENGLAND WIND ENERGY EDUCATION PROJECT (NEWEEP)

“Wind Power’s Role in Achieving Regional Policy Objectives”

- Heather Hunt, Executive Director of New England States Committee on Electricity (NESCOE)

“The Impact of Wind Power Projects on Residential Property Values”

- Ben Hoen, consultant to the Lawrence Berkeley National Laboratories

MECHANICS OF THE CALL/ Q&A SESSION: PROPERTY VALUES

- ◉ We understand many are passionate about the subject matter, but to encourage a respectful dialog, and not allow individuals to monopolize scarce time, we will proceed as follows:
 - Participants may pose succinct questions in writing using Webinar's Q&A Chat Box
 - Please identify yourself at the beginning of your written question:
 - (1) Name; (2) Organization (or, 'member of public'); (3) State
 - If you wish to remain anonymous, provide at least your first name, and your state
 - 1 question each, please... there are roughly 400 participants!
- ◉ Questions posed will be read by the moderator in the order asked until we run out of questions, or time, whichever come first.
- ◉ We will not screen or prioritize the questions, but may skip questions that we feel have already been addressed.
- ◉ The moderator may also ask questions posed by Steering Committee members, and will identify such questions.
- ◉ If there is time left after reading all questions submitted, we will allow participants to pose questions directly (An operator will announce instructions).

WRAP UP

- ◉ Next Webinar: “Understanding the Impacts of Wind Turbine Sound”
 - Early summer, date TBA
 - To be on distribution list for announcement, please sign up at: http://www.windpoweringamerica.gov/ne_signup.asp
This sign up will allow you to receive NEWEEP Webinar Invitations and the New England Wind Forum (NEWF) Newsletter.
- ◉ Webinar Materials will be posted by approximately May 14 on the New England Wind Forum web site
 - www.windpoweringamerica.gov/newengland
- ◉ Posted materials will include:
 - Recorded webinar & transcript
 - Annotated bibliography/references on topic
 - Questions asked by participants
 - Other related resources and studies as identified over time