

Town of Northborough
Wind Turbine Committee (WTC)



Wind Turbine Committee Meeting
 Selectmen's' Room – Town Hall
 34 Main Street
 Northborough, MA 01532

Reference:NWC10:19MM

Meeting Minutes
 October 20, 2010

Attendees

<u>Members</u>	<u>Alternates</u>	<u>Advisors</u>
E. Cahill	M. Harling	D. Burton
R. Giles (Co Chair)		R. Chilakamarri
R. Jones		P. Johnson
J. McNamara (Co-Chair)		D. Mailly
R. Parker		R. Melville
		B. O'Toole
		D. Sweeney

Town of Northborough Officials

Guests

7:00 PM Northborough Wind Turbine Committee (WTC) called to order

1. The meeting began with a welcome by the co-chairman, introductions around the table, and acceptance of the September 15 meeting minutes.
2. D. Jones provided a briefing on the three recent meetings/presentations:
 - October 5, 2010 – Northborough Planning Board*
 Well received, informational DVDs provided, need to review Algonquin split school cost percentages with Southborough.
 - October 12, 2010 – Inter-Utility Meeting NStar Office Westwood MA*
 This was a presentation on interconnection of renewable generation to the various electric distribution grids. Most Important point – send in the interconnection application as soon as possible, in order to begin the utility studies.
 - October 13, 2010 – Meeting with representatives of the Massachusetts Clean Energy Center, Boston MA*
 Three points: First, a recognized consultant is working on a literature search to define the Commonwealth's position on wind turbine sound and associated infrasound concerns
 Second, the WTC needs to contact the state legislators to request support of the bill raising the net metering limit for municipal projects to 2%.
 Third, the CEC will investigate the APR land use issues and report back in about a month.
3. There was a brief review of the "General Public" Northborough WTC Power Point presentation, including the Massachusetts Maritime College construction movie. Corrections will be made as

recommended by the committee and the .ppt reissued for comment. Presentation in the January, February, March, April 2011 timeframes are under consideration.

4. The met tower continues to function normally. Note: Matt Vanderbrook plans to attend the November meeting.
5. The Wind Turbine technical information binder was returned to R. Giles and will be available to any WTC member for review in the future.
6. The “Friends of Renewable Energy” – B. O’Toole, R. Melville reported work on the Articles of Incorporation and By Laws are complete and the required officer signatures will be requested, so the document can be forwarded to the Secretary of State’s office for processing. Potentially if all state and federal approvals are received, donations might be accepted in January 2011.
7. E. Cahill during the General Public presentation offered to:
 - a. Identify and include descriptions of the various wind turbine projects in Massachusetts
 - b. Measure distances via Google Earth to the nearest abutters for wind turbines located on the Tougas property (positions: near met tower and on New England Forestry land)
8. R. Giles provided initial information on tentative dates for the Christmas celebration. All members were asked to advise, which dates were available on their calendars.
9. M. Harling provided a list of potential organizations to add to the table of potential groups within town that may be interested in presentations describing the WTC objectives and goals. There was also a suggestion to schedule general public information presentations at the library.
10. P. Johnson reported he recently contacted a California wind farm asset manager, who recommended: extended warranties, loss of generation revenue insurance, estimation of \$25/kW for maintenance. A detailed description will be provided for the November meeting.

Monthly Look Ahead (Sep thru Dec 2010) – Critical Action Items

1. Continue project financial analysis
Responsibility – Working Group #2
2. Investigate Wind Turbine Failure Statistics, Machine Reliability
Responsibility – Working Group #3
3. Consider development of a public out reach plan
Prepare correspondence to keep Senators and other politicians informed of WTC progress
Responsibility – Working Group #4

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4. Investigate Federal, State and Town permit and licensing requirements
 - a. Assist with scheduling the various presentations for local groups – *draft list prepared*
 - c. Pursue funding and submittal of Interconnection Application to National Grid
(Temporarily on hold)
 - d. Develop a 10 minute and a 30 minute Power Point presentation on the WTC activities
draft .ppt prepared and issued for comment.
- Responsibility** – Working Group #5

The meeting adjourned at approximately 8:50PM.

The next meeting is scheduled for November 17, 2010 at 7:00PM in the Northborough Town Hall.

R. Jones
WTC Member

cc: Town Clerk,
Town Administrator,
Fran Bakstran (BOS) - Liaison Board of Selectmen
Matt Vanderbrook - SED

WIND TURBINE COMMITTEE:

Fred Litchfield (Town Engineer)
Joe McNamara (Co-Chairman)
Bob Giles (Co-Chairman)
Edward Cahill
William Halter
Richard Jones (Planning & Logistics)
Richard Kane
Ron Parker

ADVISORY GROUP:

Phil Johnson (Chair person)
Len Belli
Richard H Burton
Ravi Chilakamari
Dave R. Mailly
Raj Melville
William O'Toole
Richard Sweeney

ALTERNATES:

Maggie Harling
John Cragin