

Town of Northborough
Wind Turbine Committee (WTC)



May 26, 2010
Wind Turbine Committee Meeting
Conference Room 1st floor, Northborough Free Library
34 Main Street
Northborough, MA 01532

Reference:NWC10:11MM

Meeting Minutes

Attendees

<u>Members</u>	<u>Alternates</u>	<u>Advisor</u>
D. Burton	J. Cragin	D. Mailly
R. Giles (Co Chair)	M. Harling	R. Melville
W. Halter		B. O'Toole
R. Jones		D. Sweeney

Town of Northborough Officials

F. Bakstran

Guests

M. Vanderbrook

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 May 12th meeting minutes with corrections.
2. A new member to the Advisory Group Richard Sweeney was introduced.
3. The Wind Turbine technical information binder will continue to be routed through the group. All reviewers agreed the tech data was helpful. R. Melville currently has the binder for review.
4. M. Vanderbrook made the SED presentation "Powering Your Future with /Wind". Hardcopies were provided to the members present in the meeting.
 - a. M. Vanderbrook will be the SED project manager. He emphasized SED as a working partner with the Town of Northborough and the WTC and provided an overview of SED.
 - b. SED believes the National Grid application should be delayed until more definite information is provided. There is a concern the Town of Northborough project is not in the National Grid interconnection study "queue".
 - c. The present SED schedule shows installation of a Met Tower Approx July 10th. Concerns of the town building inspector and wind loads (90 MPH) need to be resolved. SED may need to purchase a new tower to meet Massachusetts building codes. The instrumentation package included six anemometers and two wind vanes. A tower mounted data logger stores the information until a manual download occurs. SED will provide sensor calibration data to the WTC to confirm banks and other lending institutions will accept the measurements.
 - d. SED plans to provide a minimum of monthly updates once the Met tower is installed.

- e. Once data is developed it will be down loaded manually at the tower, provided to AWS in Albany for analysis and correlation to NOAA and other historical data.
- f. Data should be collected thru the winter, strongest winds occur, but an extension of the Tougas COA may be required.
- g. How data will be provided to the WTC will be further discussed, monthly summary reports may be acceptable.
- h. Three to four months are required to complete the feasibility study including business planning
- i. SED will provide a .pdf of the Bay Path Regional Vocational Technical High School Feasibility Study for WTC review.

From May 12th meeting notes:

5. M. Harling recommended that both US Senators Kerry and Brown be advised of the WTC activities and objectives.
6. R. Jones is pursuing a review of the town electric costs summary with F. Litchfield and K. Hood to determine how generation costs (Constellation Energy invoices) are accounted for.
7. The committee agreed the critical path action item is installation of the Met Tower and commencing wind data collection.
8. Once a date for the met tower erection is determined, WG-4 will need to schedule video taping, participant notifications, photo-ops, community updates, etc.

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

1. Install the meteorological tower and initiate data collection
Responsibility – Co-Chairs/Town Engineer
2. Continue project financial analysis including the Tougas farm loads
Responsibility – Working Group #2
3. Consider development of a public out reach plan
Responsibility – Working Group #4
4. Investigate Federal, State and Town permit and licensing requirements
Prepare a Policies and Procedures Binder
Briefing for Town Department Heads
Responsibility – Working Group #5

The meeting adjourned at approximately 8:40PM.

Wind Turbine Committee
Northborough Massachusetts
Meeting Minutes

The next meeting is scheduled for June 9, 2010 at 7:00PM in the Northborough Library conference room.

R. Jones
WTC Member

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

WIND TURBINE COMMITTEE:

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

ADVISORY GROUP:

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

ALTERNATES:

Maggie Harling
John Cragin