

*Town of Northborough*  
**Wind Turbine Committee (WTC)**



July 7, 2010  
Wind Turbine Committee Meeting  
Conference Room 1<sup>st</sup> floor, Northborough Free Library  
34 Main Street  
Northborough, MA 01532

**Reference:NWC10:14MM**

## Meeting Minutes

### Attendees

<u>Members</u>	<u>Alternates</u>	<u>Advisor</u>
E. Cahill	M. Harling	P. Johnson
R. Giles (Co Chair)		D. Maily
R. Jones		B. O'Toole
J. McNamara (Co Chair)		

### Town of Northborough Officials

N/A

### Guests

M. Vanderbrook (SED)  
E. Roman (Boy Scouts)

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 June 23 meeting minutes.
2. An update on the met tower installation was provided by M. Vanderbrook
  - a. Cement blocks were used for anchor point due to ground conditions
  - b. There are six anemometers, two wind vanes installed for redundancy
  - c. Measurements are recorded in the data logger at the base of the tower
  - d. Data will be retrieved on a monthly basis.
  - e. SED will provide a monthly summary report and a six month interim report to keep the WTC informed of the measurements. The feasibility study will then be completed in a year.
  - f. SED will obtain the data card with assistance from the Northborough Engineer/WTC as needed
  - g. Other Topics
    1. SED was asked to provide a typical cost for a mile of 13kV distribution line
    2. WTC expressed concerns over the National Grid interconnection permit ad study queue. SED will review and respond
  - h. Video taping was completed. Air time on local cable to be determined.
3. The meeting hand-outs included a description of the Northborough proposed project and the Cape wind project. Summary: Northborough project is local included in the state's net metering program and designed to offset municipal energy costs, while the Cape Wind project is a utility grade for profit enterprise offshore.

4. The Wind Turbine technical information binder will continue to be routed through the group. All reviewers agreed the tech data was helpful. R. Kane currently has the binder for review.
5. There are two meetings scheduled for next week:
  - a. State Senator Chandler and her staff to review the Dept of Agriculture APR situation and the 1% net metering program limitation
  - b. A briefing for the Northborough Department Heads
6. Bill O'Toole, Raj Melville volunteered to complete the 501C application for "Friends of the Wind Turbine" and establish the non-profit corporation.
7. M. Harling reported WTC table space for the fall Applefest celebration was purchased. Funds are need for brochures etc.
8. R. Jones is working on the Town Electric bill summary – August completion of Algonquin bill review, followed by a meeting with the Town Engineer and Asst Administrator.
9. A Met Tower ribbon cutting ceremony was discussed at length and a tentative date of Thursday August 5 at 2PM set. Volunteers will be needed to assist with the set-up, program, parking, clean-up etc. Mo Tougas will be advised as plans firm-up.
10. F. Litchfield presented a new potential location for the turbine all Ball Hill road in the vicinity of the Tougas property. Further investigation is underway.

From earlier meeting notes:

11. M. Harling recommended that both US Senators Kerry and Brown be advised of the WTC activities and objectives. (On invited guest line for Met Tower ribbon cutting)

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

1. Continue project financial analysis  
*Responsibility* – Working Group #2
2. Consider development of a public out reach plan  
Prepare for Applefest information booth fall 2010  
*Responsibility* – Working Group #4
3. Investigate Federal, State and Town permit and licensing requirements
  - a. Status briefings for required town boards (planning, ZBA, conservation, health)Prepare a Policies and Procedures Binder  
Briefing for Town Department Heads – *Completed!*  
Pursue funding and submittal of Interconnection Application to National Grid  
*Responsibility* – Working Group #5

The meeting adjourned at approximately 8:45PM.

Wind Turbine Committee  
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The next meeting is scheduled for July 21, 2010 at 7:00PM in the Northborough Town Hall Selectmen's office.

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 (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