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January 12, 2007

CERTIFICATE OF THE SECRETARY OF ENVIRONMENTAL AFFAIRS
ON THE
NOTICE OF PROJECT CHANGE

PROJECT NAME : Massachusetts Technology Collaborative Renewable Energy Trust, Cape Cod Community College Wind Energy Project
PROJECT MUNICIPALITY : Barnstable
PROJECT WATERSHED : Cape Cod
EOEA NUMBER : 13525
PROJECT PROPONENT : Massachusetts Technology Collaborative Renewable Energy Trust and Cape Cod Community College
DATE NOTICED IN MONITOR : December 6, 2006

Pursuant to the Massachusetts Environmental Policy Act (G. L. c. 30, ss. 61-62H) and Section 11.06 of the MEPA regulations (301 CMR 11.00), I hereby determine that this project **does not** require the preparation of an Environmental Impact Report (EIR).

The project originally underwent a voluntary MEPA review in May 2005 and included the construction of a 1.5 megawatt (MW), 400' tall wind turbine in the southeast quadrant of the Cape Cod Community College (CCCC) campus. The previous project proposal entailed the clearing of approximately 1.22 acres of land and the construction of an access road approximately 400 feet long and 16 feet wide. Electric power generated by the turbine was to be used on campus with excess power sold on the wholesale market. Revenues generated would be donated to the Massachusetts Low Income Energy Assistance Program. The project was designed to function as an integral part of the CCCC Renewable Energy Certificate Program and other college courses, and to further CCCC's sustainability goals.

As described in the Notice of Project Change (NPC), the project consists of generally the same project as previously reviewed with regards to purpose, goals and integration of the wind turbine into the CCCC curriculum, but it has been relocated on campus and lowered in height. This project continues to be wholly consistent with furthering the goal set forth in the Massachusetts Climate Protection Plan of developing renewable energy facilities at state-owned facilities. Additionally, as stated in the Certificate on the ENF, I believe that an ambitious program of renewable energy development is in the interests of the citizens of Massachusetts, and that the Commonwealth has an obligation to its citizens to promote development of renewable energy.

The wind turbine is now proposed to be lowered from approximately 400' above grade to approximately 253' above grade, resulting in a 147' lower height. The turbine will also be relocated from the southeast corner of the CCCC campus, which was virgin forest, to the northwest corner of the campus, which is partially developed and much less forested. The proponent has stated in the NPC that the relocation of the turbine will reduce the amount of land area impacts by approximately one acre, with an approximately 50% reduction in the number of trees to be cut to accommodate the project. The primary reason for this NPC and turbine redesign is to mitigate potential impacts to air navigational transportation associated with the Barnstable Municipal Airport and in response to correspondence from the Federal Aviation Administration (FAA).

The project, as proposed in the NPC, does not exceed any thresholds under MEPA. The proponent had voluntarily filed an ENF to provide additional opportunities for public review of the project and therefore has also chosen to voluntarily file an NPC. The project will receive state funding from the Massachusetts Technology Collaborative (MTC) and a state land lease or transfer of less than two acres. The project may require Federal Consistency Review by the Massachusetts Office of Coastal Zone Management (CZM). The project may also require a National Pollutant Discharge Elimination System (NPDES) Construction Activities Permit from the U.S. Environmental Protection Agency (U.S. EPA).


The proponent should modify and complete its risk assessment on bats and birds based on the new location and height of the proposed turbine, with consideration for songbird migration, and design features such as avoiding lighting, potential roosting areas and other features that might serve as an attraction. I expect that, similar to commitments made by the proponent within the ENF Certificate, post-construction monitoring of bird and bat impacts will be conducted and that study data will be incorporated as part of the CCCC curriculum. I encourage the proponent and CCCC to consult with the US Fish and Wildlife Service, the Massachusetts Division of Fisheries and Wildlife, and the Massachusetts Audubon Society to develop appropriate post-construction monitoring protocols for bird and bat species.

The proponent should continue to consult with the Barnstable Municipal Airport (BMA) and the FAA regarding approvals needed for the proposed project and to confirm that the

redesigned location and height of the wind turbine will comply with all applicable safety and operational regulations.

The project impacts do not warrant the preparation of an EIR. I reserve the right to require the proponent to submit a Notice of Project Change if the project changes significantly as a result of consultations with the permitting agencies. Items addressed in the ENF Certificate, such as, but not limited to, potential impacts to water supplies and visual impacts to historic areas, remain applicable to the project unless modified within this NPC Certificate or comments on the NPC from State Agencies. In the absence of any significant changes, no further MEPA review is required.

January 12, 2006
Date



Ian A. Bowles

Comments received:

- 12/06/2006 Massachusetts Historical Commission
- 12/21/2006 **Division of Marine Fisheries**
- 12/26/2006 Massachusetts Department of Environmental Protection – SERO
- 12/29/2006 Jim Liedell

IAB/HSJ/hsj