

**STATE OF CONNECTICUT**  
**CONNECTICUT SITING COUNCIL**

**PETITION 980 - BNE Energy, Inc. Petition for a Declaratory Ruling That No Certificate of Environmental Compatibility and Public Need is Required for the Construction, Maintenance, and Operation of a 3.2 MW Wind Renewable Generating facility located at 78 New Haven Road, Prospect, Connecticut**

**May 2, 2011**

**PROPOSED FINDINGS OF FACT OF  
THE CONNECTICUT LIGHT AND POWER COMPANY**

The Connecticut Light and Power Company (“CL&P” or the “Company”) hereby submits these proposed findings of fact to the Connecticut Siting Council (“Council”) in the above captioned proceeding.

1. CL&P owns property, adjacent to the location of the proposed project, located at 18 Kluge Road, Prospect, CT. CL&P has telecommunications equipment sited on its property, which is adjacent to the proposed project site.
2. Pursuant to the Siting Council’s ruling on March 31, 2011, CL&P filed a supplement with the Siting Council relative to its interests in the Petition on April 7, 2011. No party filed an objection or response to CL&P’s supplemental filing.
3. CL&P’s telecommunications infrastructure supports CL&P’s, and its other operating company affiliates, field operations, emergency restoration, and equipment operation and control. CL&P’s existing telecommunications facilities include:
  - a. Field Operation Communication Equipment:
    - Radio transceiver in the 37 megahertz (“MHz”) range for mobile communications including meter, service and line operations;
    - Radio transceiver in the 48 MHz range for mobile communications including meter, service and line operations; and
    - Radio transceiver in the 154 MHz range for internal paging of employees;
  - b. Equipment Operation, Supervisor Control and Data Acquisition (SCADA):
    - Radio transceiver in the 450 MHz range used for remote control/restoration of the electrical system;

- Radio transceiver in the 935 MHz range used for remote control/restoration of the electrical system;
- c. Systems Operation Control:
- Two microwave paths in the upper 6 gigahertz (“GHz”) band (around 6.7 GHz) which carry administrative and electrical system operational information, as well as information provided to the Independent System Operator of New England (“ISO-NE”) for regional system operations.
- d. Municipal Public Safety:
- The Town of Prospect Fire Department radio equipment is also installed on CL&P’s telecommunications infrastructure.
4. CL&P is concerned the wind turbines will diminish or impact CL&P’s ability to expand the utilization of the telecommunication tower or to maximize use of its facilities in the future, including both microwave paths and proposed 220MHz SCADA
  5. CL&P’s telecommunications engineers’ group have been unable to conclusively determine whether the project will present reflective/multipath interference problems for frequencies from 37 MHz through 935 MHz.
  6. CL&P has hired an independent telecom/technology firm to perform a study of the Petitioner’s project relative to possible interference to all of CL&P’s communications at this proposed site.
  7. But for the Petitioner’s project, CL&P would not have to perform an interference study of the proposed project’s impact on CL&P’s communications, or bear the cost of the same.
  8. The Petitioner has not performed any analysis or cited to any studies that are conclusive that there will be no interference or impact on CL&P’s communications.
  9. The electrical interconnection of the wind turbines would be subject to CL&P and UI Guidelines for Generator Interconnection approved by the Department of Public Utility Control.

Respectfully submitted,

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Joaquina Borges King  
Senior Counsel  
Counsel for CL&P

## CERTIFICATION

A copy of the foregoing was sent by first class mail to the following parties of record on this 2<sup>nd</sup> day of May, 2011:

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