



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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Daniel F. Caruso
Chairman

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

July 6, 2007

Robert E. Carberry, Manager
Transmission Siting and Permitting
Northeast Utilities System
107 Selden Street
Berlin, CT 06037

RE: **PETITION NO. 819** - The Connecticut Light and Power Company (CL&P) petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to the existing Connecticut Light and Power Company Weston Substation, Weston Road, Weston, Connecticut.

Dear Mr. Carberry:

At a public meeting held on July 3, 2007, the Connecticut Siting Council (Council) considered and ruled that this proposal would not have a substantial adverse environmental effect, and pursuant to General Statutes § 16-50k would not require a Certificate of Environmental Compatibility and Public Need.

This decision, which requires Connecticut Light & Power Company to submit the sound pressure level measurements upon completion of the survey, is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition, dated June 21, 2007.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,

Daniel F. Caruso
Chairman

DFC/FOC/cm

Enclosure: Staff Report

c: The Honorable Woody Bliss, First Selectman, Town of Weston
Robert P. Turner, Zoning Enforcement Officer, Town of Weston

Petition 819
Connecticut Light and Power Company
Weston Substation, Weston
Staff Report
July 3, 2007

On June 21, 2007, the Connecticut Light and Power Company (CL&P) submitted a Petition (Petition) for a declaratory ruling that no certificate of environmental compatibility and public need is required for the proposed modifications to the Weston Substation, Weston. Specifically, CL&P seeks to: install one 30- Megavolt ampere (MVA), 115- to 27.6-kV temporary mobile transformer and two wood poles to support the wire connections to the existing 27.6-kV feeder line located outside the substation fence.

On June 25, 2007, Council member Barbara Currier Bell and Fred Cunliffe of Council staff met with CL&P representatives Jim Borowitz and Jim Allen.

This temporary mobile transformer is needed to maintain distribution reliability. If load on the bus at the Norwalk Substation becomes critical the proposed temporary mobile transformer could relieve such condition. Also, this mobile transformer would provide support for load in the Wilton area until the Wilton Substation becomes operational.

The temporary mobile transformer is trailer mounted and is parked on-site. This substation is configured in a two-tier manner and the transformer would be located on the southeast corner [lower tier] of the substation. The height of the unit is lower than existing facilities. The fencing was extended, approximately eight feet by eight feet, to enclose the trailer hitch end of the transformer in the compound. Two wood poles and wire connections would be required for installation but would not be completed until the Council reviewed and approved said modification.

The substation is located in a residential area and is well screened by vegetation. An adjacent property owner, Laurence Roberts, has been provided construction details of the temporary mobile transformer. The proposed location of the transformer in the southeast corner of CL&P's property is at the furthest point from Mr. Roberts' residence, about 250 feet. He has been provided a copy of the petition, as well as the field review notice. He did not attend the field review or communicate with the Council on the subject. He did speak with CL&P's Mr. Allen, who conveyed that Mr. Roberts' concern was for noise. CL&P proposes to measure sound pressure levels along its boundary with Mr. Roberts both before and after the temporary mobile transformer is energized, the latter measurements being taken at peak times of operation. Council staff recommends that these measurements of sound pressure levels be provided to the Council.

If this petition is approved, CL&P anticipates construction would begin immediately, with completion of work in approximately five days. CL&P proposes to use the temporary mobile transformer through the summer peak demand period and would dismantle the installation by end of September 2007. It would be removed and stored in Berlin at the CL&P offices.

CL&P contends the proposed modification does not have a substantial adverse environmental effect and that no Certificate is required.