



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

June 14, 2013

Joseph A. Cristino, P.E.  
Cristino Associates Inc.  
Lois Lane  
P.O. Box 1238  
Redding, CT 06875-1238

RE: **DOCKET NO. 426** - Third Taxing District Electric Department application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of an electric substation located at 6 Fitch Street, Norwalk, Connecticut.

Dear Mr. Cristino:

At a public meeting of the Connecticut Siting Council (Council) held on June 13, 2013, the Council considered and approved the Development and Management (D&M) Plan submitted for this project on April 12, 2013, including subsequent addendums. Final details of the rain garden and landscaping must be submitted to and approved by the Council prior to installation.

Any changes to the D&M Plan require advance Council notification and approval. Please be advised that deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u. Enclosed is a copy of the staff report on this D&M Plan, dated June 13, 2013.

Thank you for your attention and cooperation.

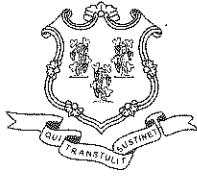
Very truly yours,

Robert Stein  
Chairman

RS/RDM/laf

Enclosure: Staff Report, dated June 13, 2013

c: Parties and Intervenors  
The Honorable Richard Moccia, Mayor, City of Norwalk  
Michael Greene, Director of Planning and Zoning, City of Norwalk



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**Docket No. 426**  
**Third Taxing District Electric Department**  
**Fitch Street Substation**  
**Norwalk, Connecticut**

**Development and Management Plan**  
**Staff Report**  
**June 13, 2013**

On August 9, 2012, the Connecticut Siting Council (Council) issued a Certificate of Environmental Compatibility and Public Need to the Third Taxing District Electric Department of Norwalk (TTD) for the construction, operation, and maintenance of a new 115-kV to 27.6-kV substation located at 6 Fitch Street in Norwalk, Connecticut. As required in the Council's Decision and Order, TTD submitted a Development and Management Plan for this project on April 16, 2013. Errata sheets were submitted on April 30, May 16, and June 4, 2013.

The proposed substation will be located on a 0.58-acre open lot on the south side of Fitch Street. Abutting property includes TTD's existing East Avenue Substation and a commercial property to the west, an auto-body repair shop and several apartments to the east, the East Norwalk train station and railway to the south, and a church and residences to the north.

The substation will occupy an approximately 106-foot by 180-foot area of the parcel and set back 40 feet from Fitch Street. The parcel is mostly level and will have a slight grade to the north to direct run-off into a shallow swale and rain garden. The final design of the rain garden will be submitted to the Council at a later date to account for the presence of an existing tree in the northeast corner of parcel that will be retained and to incorporate any comments from the City of Norwalk in regards to plantings within the rain garden. Approximately 20 cubic yards of fill will be imported to the site.

The substation will contain a traprock surface and will be enclosed by a chain link fence of various heights. A 12-foot chain link fence will be installed along the south, east, and part of the west side to account for grade differences between adjacent parcels. An eight-foot high fence will be installed along the north and west sides. A 20-foot wide rolling fence will be installed along the north fence line to allow access from Fitch Street. Two walk-through gates will be installed in the fence that abuts the existing TTD East Avenue Substation. A 15-foot wide, 65-foot long paved access drive/parking area will access the site from Fitch Street.

Substation equipment will include two 115/27.6-kV transformers, a 115-kV loop feed with a single tie breaker and associated buswork, and a 12-foot wide, 30-foot long, 10-foot high control house. The transformers will be surrounded by oil containment basins designed to capture all fluids in the event of a leak. The control house will be designed to appear as a one-story wood frame building. Landscaping will be installed along the north side of the substation fence, to the rear of the rain garden.

A few trees will be removed during construction. Erosion and sedimentation controls would be installed down slope of all construction areas. TTD will coordinate with the City of Norwalk for any necessary sidewalk and/or lane closures.

As required in the Council's Decision and Order, the substation's interconnection design with existing The Connecticut Light and Power Company's (CL&P) 115-kV transmission line along the Metro North railway was examined for the potential of reducing the diameter of the proposed dead-end structures (1.5 feet at top, 6 feet at bottom). Specifically, CL&P investigated the use of narrower, lighter duty monopoles, tied together with a guy wire for support. Use of the poles would reduce the cost of equipment by five percent but would reduce reliability concerns if the connecting guy wires failed. Additionally, the visual profile of the structures would be about the same compared to the originally proposed monopoles given the necessity of the interconnecting guy wire and associated insulating rods. Therefore, CL&P prefers to install the originally proposed self-supporting dead-end structures.

**LIST OF PARTIES AND INTERVENORS**  
**SERVICE LIST**

Status Granted	Document Service	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Applicant	<input checked="" type="checkbox"/> E-mail	Third Taxing District Electric Department	Andrew W. Lord, Esq. Murtha Cullina LLP CityPlace I, 29 <sup>th</sup> Floor 185 Asylum Street Hartford, CT 06103 (860) 240-6180 (860) 240-6150 fax <a href="mailto:alord@murthalaw.com">alord@murthalaw.com</a>
	<input checked="" type="checkbox"/> E- Mail		George E. Leary, General Manager Third Taxing District Electric Dept. 2 Second Street East Norwalk, CT 06855 (203) 866-9271 <a href="mailto:manager@ttd.gov">manager@ttd.gov</a>
	<input checked="" type="checkbox"/> U.S. Mail		James T. Olsen, LEP Senior Project Manager, Associate Tighe & Bond, Inc. 213 Court Street, Suite 900 Middletown, CT 06457 (860) 704-4775 (860) 805-8776 (cell)
Party (granted 5/10/12)	<input checked="" type="checkbox"/> E-mail	The Connecticut Light and Power Company (CL&P)	John R. Morissette Manager – Transmission Siting and Permitting Northeast Utilities Service Co. P.O. Box 270 Hartford, CT 06141-0270 (860) 665-2036 (860) 665-6933 fax <a href="mailto:morisjr@nu.com">morisjr@nu.com</a>
<input checked="" type="checkbox"/> U.S. Mail	Christopher C. Swan Director Municipal Relations & Siting Northeast Utilities Service Company 9 Tindall Avenue Norwalk, CT 06851 (203) 845-3421 (203) 845-3628 <a href="mailto:swance@nu.com">swance@nu.com</a>		

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Status Granted	Document Service	Status Holder (name, address & phone number)	Representative (name, address & phone number)
	<input checked="" type="checkbox"/> U.S. Mail	The Connecticut Light and Power Company (CL&P) continued...	Jeffery D. Cochran, Senior Counsel Northeast Utilities Service Co. P.O. Box 270 Hartford, CT 06141-0270 (860) 665-3548 (860) 665-5504 <a href="mailto:cochrjd@nu.com">cochrjd@nu.com</a>