

CONNECTICUT SITING COUNCIL

DOCKET NO. 426 – Third Taxing	:	DOCKET 426
District Electric Department	:	
application for a Certificate of	:	
Environmental Compatibility and	:	
Public Need for the construction,	:	
maintenance, and operation of a	:	
proposed 115-kV transmission	:	
connection and expansion of the East	:	
Avenue Substation located at 6 Fitch	:	
Street, Norwalk, Connecticut	:	July 16, 2012

**BRIEF OF
THE CONNECTICUT LIGHT AND POWER COMPANY**

At the June 14, 2012 hearing in this Docket, The Connecticut Light and Power Company’s (“CL&P”) witnesses described the interconnection facilities that CL&P proposes to construct to connect its existing 115-kV transmission circuit (the 1416 Line) to the Norwalk Third Taxing District Electric Department’s (“TTD’s”) proposed expanded substation at 6 Fitch Street in Norwalk, Connecticut. CL&P’s witnesses also answered questions from the Connecticut Siting Council (“Council”) concerning these interconnection facilities. CL&P’s proposed interconnection facilities are needed for the operation of TTD’s proposed substation; they are part of the overall project that is proposed in this Docket. See TTD Application at 2, 6; June 14, 2012 Hearing Transcript (afternoon session) (“Tr.”) at 34.

As currently planned, CL&P’s interconnection facilities would include the following components:

- Two new steel angle monopole transmission structures, each of which would have a height of approximately 115 feet. These two structures would be located in the Metro – North Railroad Station parking lot. See TTD Application at 6.
- Two concrete foundations to support the two new monopole transmission structures.
- 115-kV conductors, associated insulators and hardware, and fiber optic communication lines connecting CL&P’s existing 115-kV transmission circuit (which would be split into two new circuits) to the two new monopole structures and then to TTD’s terminal structures in its expanded substation. See CL&P Exhibit B-2, Pre-filed Testimony of Bowin M. Lindgren at 1.

In addition to the interconnection facilities listed above, railroad catenary wires, railroad communication cables, insulators and hardware would be installed on CL&P’s two new monopole transmission structures. Also, as part of the project work, an existing steel pole transmission structure that currently supports CL&P’s existing 115-kV circuit will either be removed or relocated, depending on the load - bearing capability of the existing Metro – North Railroad catenary structure and the existing CL&P transmission structure, which are located adjacent to such steel pole transmission structure.

During the hearing Council member Mr. Aston asked CL&P’s witnesses to consider an alternative for design of the proposed two new steel angle monopole transmission structures. See Transcript at 76-77. As requested by Mr. Aston, CL&P intends to submit its analysis of that alternative design option at the time that TTD submits its Development and Management Plan

for the substation, if the Council grants the Certificate of Environmental Compatibility and Public Need ("Certificate") for the proposed substation.

Conclusion

CL&P respectfully requests, if the Council grants the Certificate for TTD's proposed expanded substation, that the construction, maintenance and operation of CL&P's proposed interconnection facilities, as identified above, be included as part of that Certificate to specifically authorize CL&P's construction, maintenance and operation of the interconnection facilities associated with the substation.

Respectfully submitted,

THE CONNECTICUT LIGHT AND POWER COMPANY

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