

August 26, 2015

Mr. Robert Stein
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. 461 - CSC 461 Greenwich Substation and Line Project

Dear Mr. Stein:

This letter provides the response to requests for the information listed below.

Response to OCC-01 Interrogatories dated 08/18/2015
OCC-001, 005, 006, 008, 010, 011, 018

Very truly yours,

John Morissette
Manager
Siting and Permitting
As Agent for CL&P
dba EversourceEnergy

cc: Service List

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-001
Page 1 of 3

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

Does the Greenwich Substation and Line Project ("Project") have approval from ISO-New England ("ISO-NE") and/or the Federal Energy Regulatory Authority ("FERC")? If so, provide copies of the approval notices. If not, explain why.

Response:

The Project received Proposed Plan Application ("PPA/I.3.9") approval from ISO-NE on February 11, 2014 (see attached letter). A revised version of the Project received PPA/I.3.9 approval from by ISO-NE on May 1, 2015 (see attached letter). The Project does not require FERC approval.



Stephen J. Hourke
Vice President, System Planning

February 11, 2014

Ms. Sandhya Prabhu
Northeast Utilities Service Company
107 Selden Street
Berlin, CT 06037-1651

Subject: Greenwich 115/13.2 kV Substation Project Proposed Plan Application (PPA) NU-13-T32

Dear Ms. Prabhu:

This letter is to inform you that, pursuant to review under Section I.3.9 of the ISO Tariff, no significant adverse effect has been identified with regard to the following PPA:

NU-13-T32 - Transmission notification from Northeast Utilities Service Company (NU) for the construction of a new 115/13.2 kV substation located in Greenwich, CT. The GIS substation will include two 115/13.2 kV 60 MVA bulk power transformers and two 115 kV circuit breakers. In addition, two new 115 kV 5000 kcmil XPLE underground cables from Greenwich to Cos Cob Substation approximately 3.0 miles each will be installed. Supporting modifications will also be made to the Cos Cob Substation including one new 115 kV circuit breaker and repositioning of the 1750 line termination.

The in-service date of the project is June 2017. The Reliability Committee (RC) reviewed the materials presented in support of the proposed project and did not identify a significant adverse effect on the reliability or operating characteristics of the transmission facilities of NU, the transmission facilities of another Transmission Owner or the system of any other Market Participant.

Having given due consideration to the RC review, ISO New England has determined that implementation of the plan will not have a significant adverse effect upon the reliability or operating characteristics of the Transmission Owner's transmission facilities, the transmission facilities of another Transmission Owner, or the system of a Market Participant.

A determination under Section I.3.9 of the ISO Tariff is limited to a review of the reliability impacts of a proposed project as submitted by Participants and does not constitute an approval of a proposed project under any other provisions of the ISO Tariff.

Sincerely

A handwritten signature in black ink, appearing to read "Stephen J. Hourke", written over a circular stamp or seal.

Stephen J. Hourke
Vice President, System Planning

cc: Proposed Plan Applications



Stephen J. Rourke
Vice President, System Planning

May 1, 2015

Mr. Robert Russo
Eversource Energy
56 Prospect Street
Hartford, CT 06103

Subject: Greenwich 115/13.2 kV Substation Project Proposed Plan Application (PPA)
NU-13-T32-Rev.1

Dear Mr. Russo:

This letter is to inform you that, pursuant to review under Section I.3.9 of the ISO Tariff, no significant adverse effect has been identified with regard to the following PPA:

NU-13-T32-Rev.1 – Transmission application from Eversource Energy (ES) for the revision to Greenwich 115/13.2 kV Substation Project

The in-service date of the project is June 2017. The Reliability Committee (RC) reviewed the materials presented in support of the proposed project and did not identify a significant adverse effect on the reliability or operating characteristics of the transmission facilities of ES, the transmission facilities of another Transmission Owner or the system of any other Market Participant.

Having given due consideration to the RC review, ISO New England has determined that implementation of the plan will not have a significant adverse effect upon the reliability or operating characteristics of the Transmission Owner's transmission facilities, the transmission facilities of another Transmission Owner, or the system of a Market Participant.

A determination under Section I.3.9 of the ISO Tariff is limited to a review of the reliability impacts of a proposed project as submitted by Participants and does not constitute an approval of a proposed project under any other provisions of the ISO Tariff.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen J. Rourke", written over a circular stamp or seal.

Stephen J. Rourke
Vice President, System Planning

cc: Proposed Plan Applications

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-005
Page 1 of 1

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

How does the Company propose to recover the cost of the Project? Identify who the Company proposes to charge, and the rate mechanism(s) the Company proposes to use.

Response:

The Company proposes to recover costs of the Pool Transmission Facilities (“PTF”) from all New England customers through the Regional Network Service (“RNS”) rate in accordance with Schedule 9 and Attachment F of the ISO-NE Transmission, Markets and Services Tariff, Open Access Transmission Tariff (“ISO-NE OATT”). The Company proposes to recover the non-PTF costs from Schedule 21-NU, Category A customers (Local Network Service and Point-to-Point) in accordance with Schedules NU-2, NU-3, NU-4 and Attachment NU-H of the ISO-NE OATT. The Company plans to include the cost of the distribution facilities in the next rate case. These costs will be recovered from retail ratepayers consistent with the recovery of all other distribution costs as approved by the Authority.

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-006
Page 1 of 1

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

Does the Company propose to charge for the Project's construction work in progress ("CWIP")? If so, from which agency will the Company seek permission?

Response:

The Company does not intend to request inclusion of transmission Construction Work in Progress ("CWIP") in rate base for the Greenwich Substation and Line Project.

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-008
Page 1 of 1

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:
Provide a table with the same information as in OCC-5 above for the Cos Cob 13.2 kV load.

Response:
Comparable to the table in OCC-7, the table below shows the 2004 - 2015 Cos Cob Substation 13.2-kV load by transformer.

Cos Cob 13.2 kV System Peak (MVA)												
Transformers	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
11R-5X	N/A	N/A	24.1	23.9	22.9	24	26.1	28.2	26.7	18.6	15.7	19.9
35K-6X*	0	0	0	0	0	0	0	0	0	10.9	9.4	8.3
Total MVA	0	0	24.1	23.9	22.9	24	26.1	28.2	26.7	29.5	25.1	28.2

*The 35K-6X was installed in 2013 . N/A= Not available

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

For customers served by the Cos Cob 27.6 kV load, 13.2 kV load, and the Metro-North Railroad, specify the end user rate classes under which they are billed, and the actual revenues by rate class and billing category for 2010 through 2014.

Response:

The Company objects to the this question because it seeks information that is not relevant to, and is not likely to lead to the discovery of, admissible evidence concerning any issue in this proceeding. Rate, revenue and billing information for the end users is not within the scope of this proceeding under the Public Utility Environmental Standards Act nor is such information necessary or required for the Council's decision as to whether to issue a Certificate of Environmental Compatibility and Public Need.

The rate classes used to bill the customers served by the Cos Cob 27.6-kV and 13.2-kV systems are:

TYPE OF CUSTOMERS	RATE
COMMERCIAL-HEATING	31
COMMERCIAL-NON HEATING	30
INDUSTRIAL/MANUFACTURING	50
RESIDENTIAL SPACE HEATING	11
RESIDENTIAL-NON HEATING	10

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-011
Page 1 of 1

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

Specify the portion of the 27.6 kV Cos Cob load used to serve the western Greenwich area.

Response:

About 76 percent (99.5 MVA) of the 27.6-kV Cos Cob load is serving the western Greenwich area.

CL&P dba Eversource Energy
Docket No. 461

Data Request OCC-01
Dated: 08/18/2015
Q-OCC-018
Page 1 of 1

Witness: Witness Panel
Request from: Office of Consumer Counsel

Question:

Provide two alternative analyses to serve at least a portion of the western Greenwich load, one for a fuel cell-powered micro grid, and one for a natural gas-fueled combined heat and power micro grid.

Response:

Traditional generation alternatives including fuel cell and natural gas-fired generation are discussed in the application on pages F-3 to F-12. The alternatives are for grid connected operation and not for operation as a microgrid. A discussion of microgrids is provided in section F.3.3. on pages F-10 to F-12.