

September 1, 2017

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

Re: Docket No. 461A - CSC 461A Greenwich Substation and Line Project - Petition for Reconsideration

Dear Mr. Stein:

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

Response to TOWN-02 Interrogatories dated 08/11/2017
TOWN-077-SP01

Very truly yours,

Kathleen Shanley
Manager
Transmission, Siting
As Agent for CL&P
dba EversourceEnergy

cc: Service List

CL&P dba Eversource Energy
Docket No. 461A

Data Request TOWN-02
Dated: 08/11/2017
Q-TOWN-077-SP01
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Witness: Witness Panel
Request from: Connecticut Siting Council

Question:

For each year since 2010, quantify the distribution of the actual peak load (in MVA) among the feeders identified in Eversource's Response to Q-TOWN-001 by completing the spreadsheet attached hereto as Exhibit 77 entitled "Peak Load Distribution on 27.6-kV Feeders —Greenwich."

Response:

Pursuant to the Chairman's resolution of the Applicant's prior objection to this question at the August 29, 2017 evidentiary hearing, the Applicant provides attached the loads on each of the four feeders from Cos Cob Substation serving the Prospect Substation (11R51, 11R52, 11R55, and 11R58) on the peak load days experienced in 2014, 2015, and 2016. The load on each cable on each day is shown on a 24-hour graph. Please note that at 17:00 hours on the 2015 peak day (July 20), the 11R52 feeder experienced a fault (as stated in the response to Q-OCC-042 in Docket 461), so that the load on that cable was automatically transferred to other cables emanating from the Cos Cob Substation, including the 11R51, 11R55, and 11R58 cables.

Peak 24-Hour Loads for the 4 Parallel Feeders for Previous 3 Years

