

July 21, 2015

VIA FEDERAL EXPRESS

Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: **DOCKET NO. 461** - Eversource Energy Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a 115-kilovolt (kV) bulk substation located at 290 Railroad Avenue, Greenwich, Connecticut, and two 115-kV underground transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements.

Dear Attorney Bachman:

In connection with Docket No. 461, enclosed please find the original and fifteen (15) copies of Applicant's Section M – Electric and Magnetic Fields Errata (2 pages). A copy of this document will also be filed electronically.

Very truly yours,


Marianne Barbino Dubuque

MBD/mkw
Enclosures

cc: Service List dated June 29, 2015 (Attachment A)
Office of Consumer Counsel (Attachment B)

{W2564995}

Date: June 29, 2015

Docket No. 461

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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	Eversource Energy	<p>Jacqueline Gardell Project Manager Eversource Energy 56 Prospect Street Hartford, CT 06103 jacqueline.gardell@eversource.com</p> <p>John Morissette Project Manager-Transmission Siting-CT Eversource Energy 56 Prospect Street Hartford, CT 06103 john.morissette@eversource.com</p> <p>Jeffery Cochran, Esq. Senior Counsel, Legal Department Eversource Energy 107 Selden Street Berlin, CT 06037 jeffery.cochran@eversource.com</p> <p>Marianne Barbino Dubuque Carmody Torrance Sandak & Hennessey LLP 50 Leavenworth Street Waterbury, CT 06702 mdubuque@carmodylaw.com</p>

Attachment B

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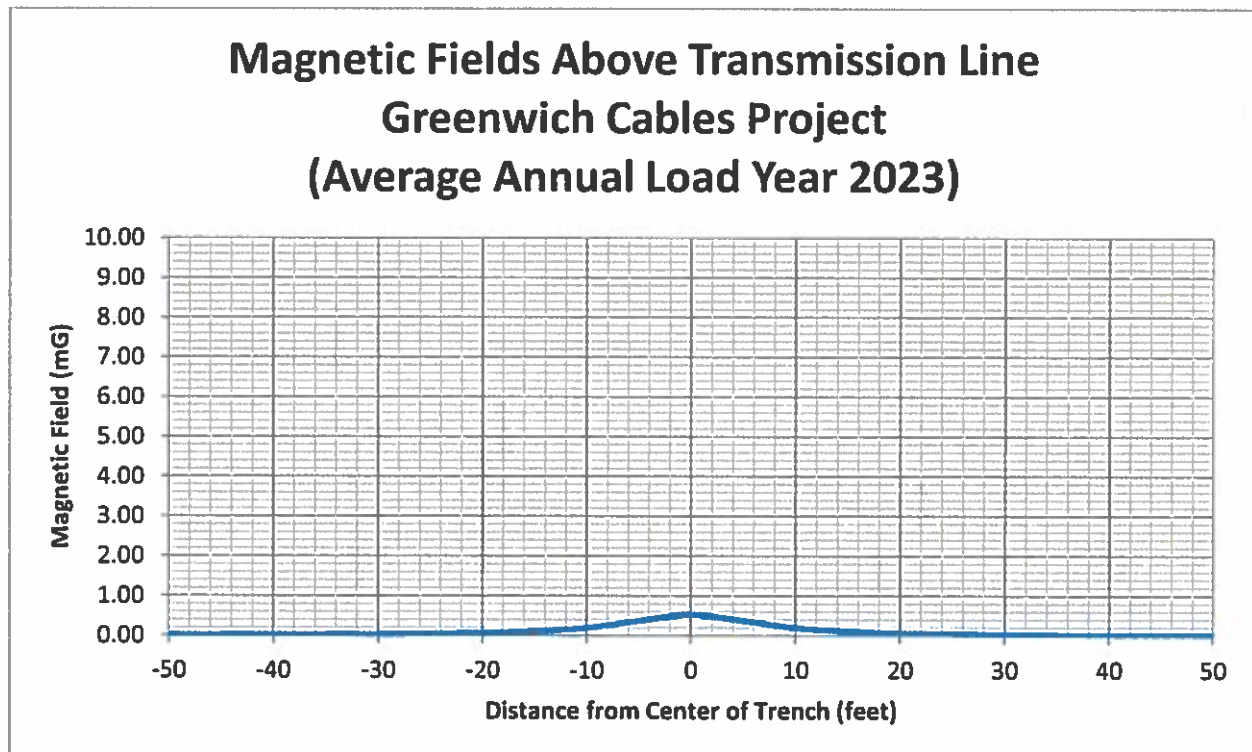
Table M-5 New England System Loads

Load Case	Description	2023 Load (MW)	Current Per Cable (Amps)
Annual Peak Load ("APL")	90/10 Summer Peak ISO-NE L+L	33746	217 (221)
Peak Day Average Load ("PDAL")	85% of 90/10 Peak	28684	185 (186)
Average Annual Load ("AAL")	Annual Hourly Average	15000	113 (101)

M.3.2.2 Calculated Magnetic Fields from the Proposed Transmission Lines

Figure M-9 is a summary graph depicting the magnetic fields from the proposed transmission lines. This highest field would occur directly above the center of the trench and would have a value of **0.52 (~~0.47~~)** mG during average annual loads. The minimum measured magnetic field from the field visits on March 3, 2015 was 0.52 mG in the vicinity of the Proposed Site.

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Errata page for the Application – Revised July 15, 2015
 Corrections Shown in **Highlighted Bold** for emphasis

Appendix G.2 – MF Calculation Tables

Distance from Center of Transmission Lines (feet)	Calculated Magnetic Fields (mG)		
	Average Annual Load	Peak Day Average Load	Annual Peak Load
-300	0.00	0.00	0.00
-275	0.00	0.00	0.00
-250	0.00	0.00	0.00
-225	0.00	0.00	0.00
-200	0.00	0.00	0.00
-175	0.00	0.00	0.00
-150	0.00	0.00	0.00
-125	0.00	0.00	0.00
-100	0.00	0.00	0.01
-75	0.00	0.01	0.01
-50	0.01	0.02	0.02
-25	0.04	0.07	0.08
0	0.52 (0.47)	0.85 (0.86)	1.00 (1.02)
25	0.04	0.07	0.08
50	0.01	0.02	0.02
75	0.00	0.01	0.01
100	0.00	0.00	0.01
125	0.00	0.00	0.00
150	0.00	0.00	0.00
175	0.00	0.00	0.00
200	0.00	0.00	0.00
225	0.00	0.00	0.00
250	0.00	0.00	0.00
275	0.00	0.00	0.00
300	0.00	0.00	0.00