

June 26, 2024

Ms. Melanie Bachman, Esq.
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: PETITION NO. 1614 - The Connecticut Light and Power Company d/b/a Eversource Energy petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed Christian Street Junction to Stevenson Substation Rebuild Project on the 1580 and 1808 Lines in Monroe and Oxford, Connecticut – **EMF Information Correction**

Dear Attorney Bachman:

In reference to Petition No. 1614 (“Petition”), as filed with the Connecticut Siting Council (“Council”) on February 20, 2024, for the Christian Street Junction to Stevenson Substation Rebuild Project (“Project”), Eversource submits this Information Correction associated with Electric and Magnetic Field (“EMF”) calculations submitted with the Petition filing.

Subsequent to the filing of the Petition and during a recent EMF review on an adjacent area to this Project, Eversource discovered that the reference height of the conductor utilized for the calculations was incorrect in the and the corrected calculations are provided below in revised Table 2 of the Petition. Although the results of this discovery modifies the results of the calculated EMF the recalculated values are still well below the internationally established exposure limits for 60-Hz electric and magnetic fields.

Table 2 - Corrected				
Summary of Calculated Magnetic Fields (mG)				
(based on Average Annual Loads)				
Section:		Left Edge of ROW	Max in ROW	Right Edge of ROW
Christian Street Junction – Stevenson Substation-	Existing (as previously filed)	8.8	26.7	18.2
	Existing (corrected calculation)	15.3	65.9	32.8
	Proposed (as previously filed)	6.7	25.2	17.1
	Proposed (corrected calculation)	10.2	64.0	30.6
Note: The International Council on Non-Ionizing Radiation Protection (“ICNIRP”) established exposure limits for magnetic fields is 2,000 mG.				

Table 3 - Corrected Summary of Calculated Electric Fields (kV/m) (based on Average Annual Loads)				
Section:		Left Edge of ROW	Max in ROW	Right Edge of ROW
Christian Street Junction – Stevenson Substation	Existing (as previously filed)	0.46	0.77	0.27
	Existing (corrected calculation)	0.62	1.75	0.34
	Proposed (as previously filed)	0.37	0.84	0.25
	Proposed (corrected calculation)	0.34	1.91	0.34
Note: The International Council on Non-Ionizing Radiation Protection (“ICNIRP”) established exposure limits for electric fields is 4.2 kV/m.				

Eversource apologizes for any inconvenience resulting from this error.

One original and 15 hard copies of this information correction are being provided to the Council. Should you, Council members or Council staff have any questions regarding this corrected information, please do not hesitate to contact me.

Sincerely,



Deborah Denfeld

Team Lead – Transmission Siting

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Cc: Kenneth M. Kellogg, First Selectman, Town of Monroe

George R. Temple, First Selectman, Town of Oxford