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

Re: Petition No. Petition 1455 - Mystic Upgrade Project

Dear Ms. Bachman:

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

Response to CSC-01 Interrogatories dated 06/29/2021 CSC-001, 002, 003, 004, 005, 006

Very truly yours,

Kathleen Shanley Manager Transmission Siting As Agent for CL&P dba Eversource Energy

cc: Service List

Data Request CSC-01 Dated: 06/29/2021 Q-CSC-001 Page 1 of 1

Witness:

Request from: Connecticut Siting Council

# Question:

What is the total estimated cost of the project? Of this total, what costs would be regionalized, and what costs would be localized? Estimate the percentages of the total cost that would be borne by Eversource ratepayers, Connecticut ratepayers, and the remainder of New England (excluding Connecticut) ratepayers, as applicable.

### **Response:**

The total estimated cost of the project is approximately \$5.75 million. Of the total, \$971,000 is associated with distribution facilities and will be recovered from customers of The Connecticut Light and Power Company dba Eversource Energy ("Eversource"). The Eversource anticipates that the remaining costs will be regionalized pending the final determination of ISO-New England's Schedule 12 C review.

The Company anticipates the following overall allocations for the total cost:

- Customers of Eversource: 32.6%

- Other Connecticut customers: 4.8%

- Other New England customers: 62.6%

The estimated allocations are based on 2020 actual loads.

Data Request CSC-01 Dated: 06/29/2021 Q-CSC-002 Page 1 of 1

Witness:

Request from: Connecticut Siting Council

# Question:

Referencing page 4 of the Petition, do the Town of Stonington's zoning regulations refer to any limits on construction work hours? Why is it necessary to have work hours beyond 5 PM Monday through Friday and a 7 AM to 7 PM schedule on Saturday?

### **Response:**

Eversource has reviewed the Town of Stonington's zoning regulations and found no mention of limits to construction work hours. The proposed 7 AM to 7 PM work hours are the typical hours requested for construction activities by Eversource. This allows contractors sufficient time for mobilization, site preparation, a ten hour work day and demobilization. Please note that Sunday work may be required during the outage(s) and will be confirmed with the CSC beforehand.

Data Request CSC-01 Dated: 06/29/2021 Q-CSC-003 Page 1 of 1

Witness:

Request from: Connecticut Siting Council

## Question:

Referencing page 7 of the Petition, were there any comments from the town or property abutters? If so, what were their concerns and how were these concerns addressed?

### **Response:**

No comments or concerns were received from the town of Stonington.

Comments and concerns were received from two of the property owners on Pleasant Street. Each of the two property owners expressed concerns about electric and magnetic fields ("EMF"). The two property owners were advised that the EMF levels at the boundary of the Substation will not change as a result of the proposed modifications. The two property owners were offered EMF readings on their properties and an EMF measurement reading was taken on 6/24/21 at one property. Eversource would be willing to perform post-construction EMF measurements, as well, and have offered this to the property owners.

One of the two property owners expressed concerns about tree and vegetation removal at the Substation. Eversource explained the extent of the brush removal required under the existing transmission lines entering the Substation. One tree, located at the north end of the Substation expansion area, would need to be removed. Based on this explanation, the property owner's concerns appeared to be addressed. This property owner also expressed concerns about noise currently coming from the Substation that is unrelated to the Project. The property owner was notified that the noise complaint is being reviewed by Substation Management. Eversource will contact this property owner once the investigation is complete.

The other of the two property owners expressed concerns about the visual impact from the Substation expansion and requested that Eversource install a 16-foot solid barrier fence along the Substation expansion area facing his property. Eversource has committed to working with this property owner to develop a visual mitigation solution that meets Eversource's safety and clearance criteria, and the property owner's visual mitigation objectives, through installation of compatible plant species or fencing. This property owner also expressed concerns about impacts from lighting for the proposed modifications. Eversource does not anticipate any impacts to the abutting neighbors as a result of installation of the lighting proposed for this Project. Please also refer to the Company's response to Q-CSC-004. This same property owner also had comments/questions regarding Eversource's compliance with conditions for a previous petition (Petition No. 860) for work at the Substation, indicating that, at that time, Eversource previously committed to only expanding to the north side of the existing Substation for any future work. The property owner was advised, in writing, that neither Petition No. 860, the Connecticut Siting Council

("Council") staff report, nor the Council's ruling on Petition No. 860 indicate that any future expansion of the Mystic Substation would be located or confined to the north of the existing Substation.

Data Request CSC-01 Dated: 06/29/2021 Q-CSC-004 Page 1 of 1

Witness:

Request from: Connecticut Siting Council

#### Question:

Referencing page 5 of the Petition, Eversource notes that, "The substation will use the existing lighting and install additional lighting for safety and security purposes." What type(s) of lighting would be installed, and when would the lights be illuminated? Are any proposed lights directed towards the residences to the south? If so, how would the effects of lighting on these residences be mitigated?

# **Response:**

Lighting is being added to illuminate the new equipment and drive aisles. Eversource proposes to install six 250 watt high pressure sodium lights at 25 feet above ground level on the support structure, with a 60 degree downward angle and which will be used for task lighting. These lights would only be on when working within the vicinity of the structure and they are controlled by switch, not motion detection. LED lights have been added for security and would also be activated via switch and not by motion detection. There are no proposed lights directed to the residences to the south of the Substation, though there is one light on the north side of the Substation expansion area that is pointed south into the Substation, but not beyond the Substation towards the residences. No further mitigation is necessary.

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Data Request CSC-01 Dated: 06/29/2021 Q-CSC-005 Page 1 of 1

Witness:

Request from: Connecticut Siting Council

# Question:

Provide the expected sound levels of the 1% series reactors at the reactor and at the closest property line.

# **Response:**

Yes, the 1% series reactor does produce a sound when in service, but any contribution from the equipment is expected to attenuate quickly and not be discernible at the property line.

Data Request CSC-01 Dated: 06/29/2021 Q-CSC-006 Page 1 of 5

Witness:

Request from: Connecticut Siting Council

# Question:

What is the current state of perimeter landscaping along the south side of the existing substation? Please provide photos. Is any new landscaping proposed to screen the new expansion area as well as along the existing perimeter fence?

# **Response:**

Please see attached photos depicting the current state of the south side of the substation. The Project will work with the property owners to develp a visual mitigation plan comprised of compatible plant species.







