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April 20, 2022

Donna Sharkey, Esq.
Energy Facilities Siting Board
One South Station
Boston, MA 02110

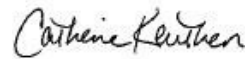
Re: NSTAR Electric Company d/b/a Eversource Energy, EFSB 22-01

Dear Ms. Sharkey:

On behalf of NSTAR Electric Company d/b/a Eversource Energy, enclosed please find for filing in the above referenced proceeding the March 30, 2022 Eversource PowerPoint presentation, marked for identification as Exhibit EV-3.

Thank you for your attention to this matter.

Very truly yours,



Catherine Keuthen

Enclosures
cc: Service List



REQUEST FOR CERTIFICATE OF ENVIRONMENTAL IMPACT AND PUBLIC INTEREST FOR EAST EAGLE SUBSTATION

March 30, 2022

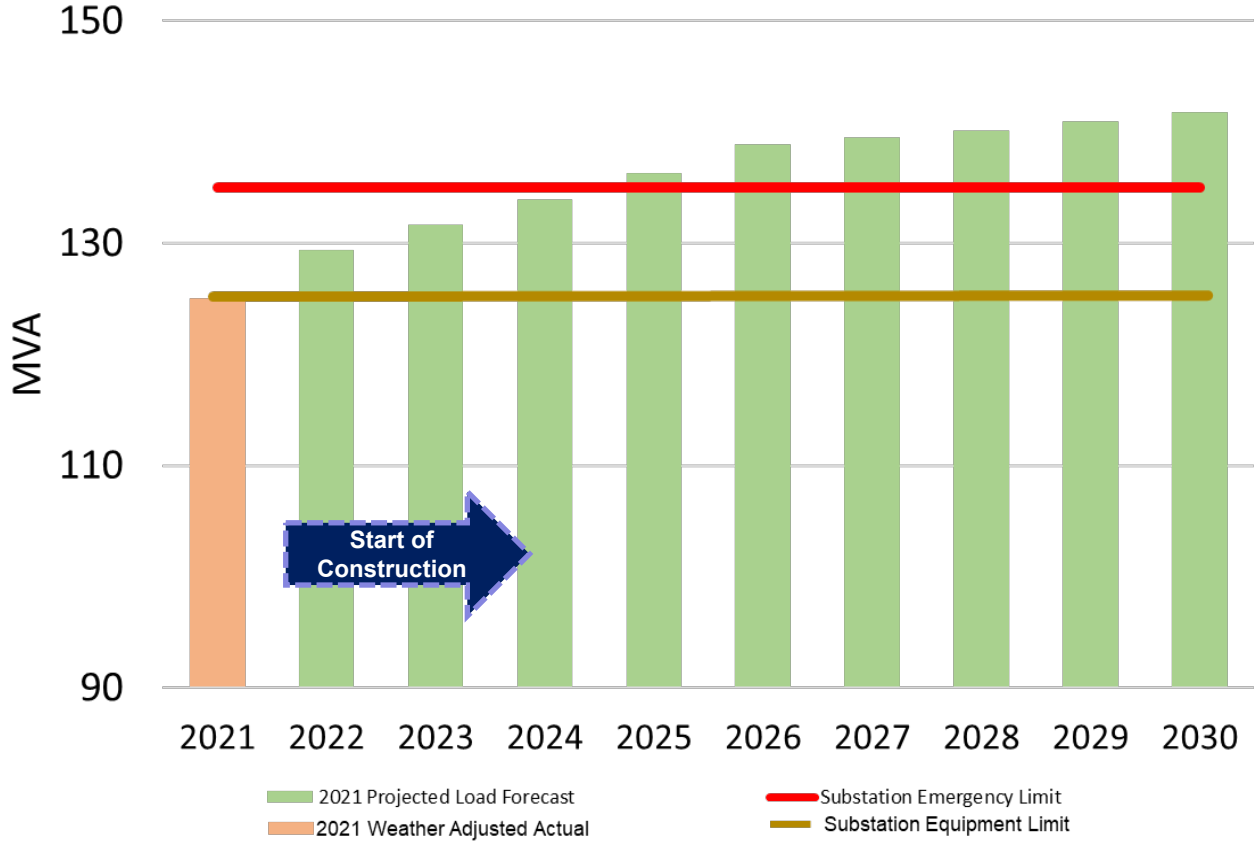
Electric Service in East Boston Is At Risk

- *Substations must be physically located near the customer load.*
- *East Boston is an electrical island served from a single, shared substation in Chelsea.*
- *East Boston's population is growing twice as fast as the City's population.*
- *We are very concerned about assuring the availability of reliable power to this community. This is among the most significant reliability risks existing on the Eversource system.*
- *East Boston and Chelsea could experience a loss of power that could last hours, days, or weeks, depending on the cause of the failure.*

Time is of the Essence

- The substation will take 2+ years to construct.
- Actual customer load in 2021 aligned with forecasted increase from prior years.
- Increasing load is expected to exceed substation **emergency limit** by 2025.
- **Start of construction required by 2022**

Exceeding Entire Substation Emergency Limit by 2025



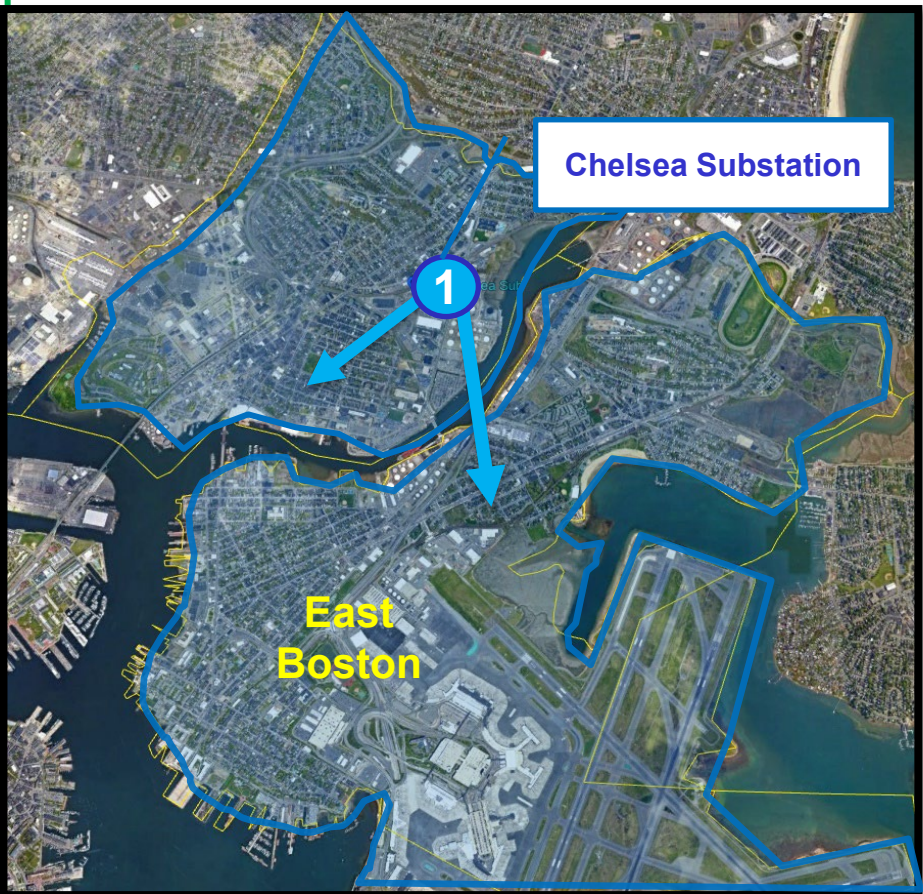
East Boston has no substation to serve its electric load, causing significant reliability risks to electric service.

Existing Heavy Load:

East Boston is *electrically dependent*, with no transmission lines; area served only by distribution lines from the **Chelsea Substation**.

Proposed Shared Load:

After construction, the **East Eagle Substation** will provide capacity and reliability to East Boston customers.



Substations must be physically situated near the customer load. East Boston is the only neighborhood in the City of Boston without a substation and is fully dependent upon an isolated substation in Chelsea.

A Community Vision For Eagle Hill

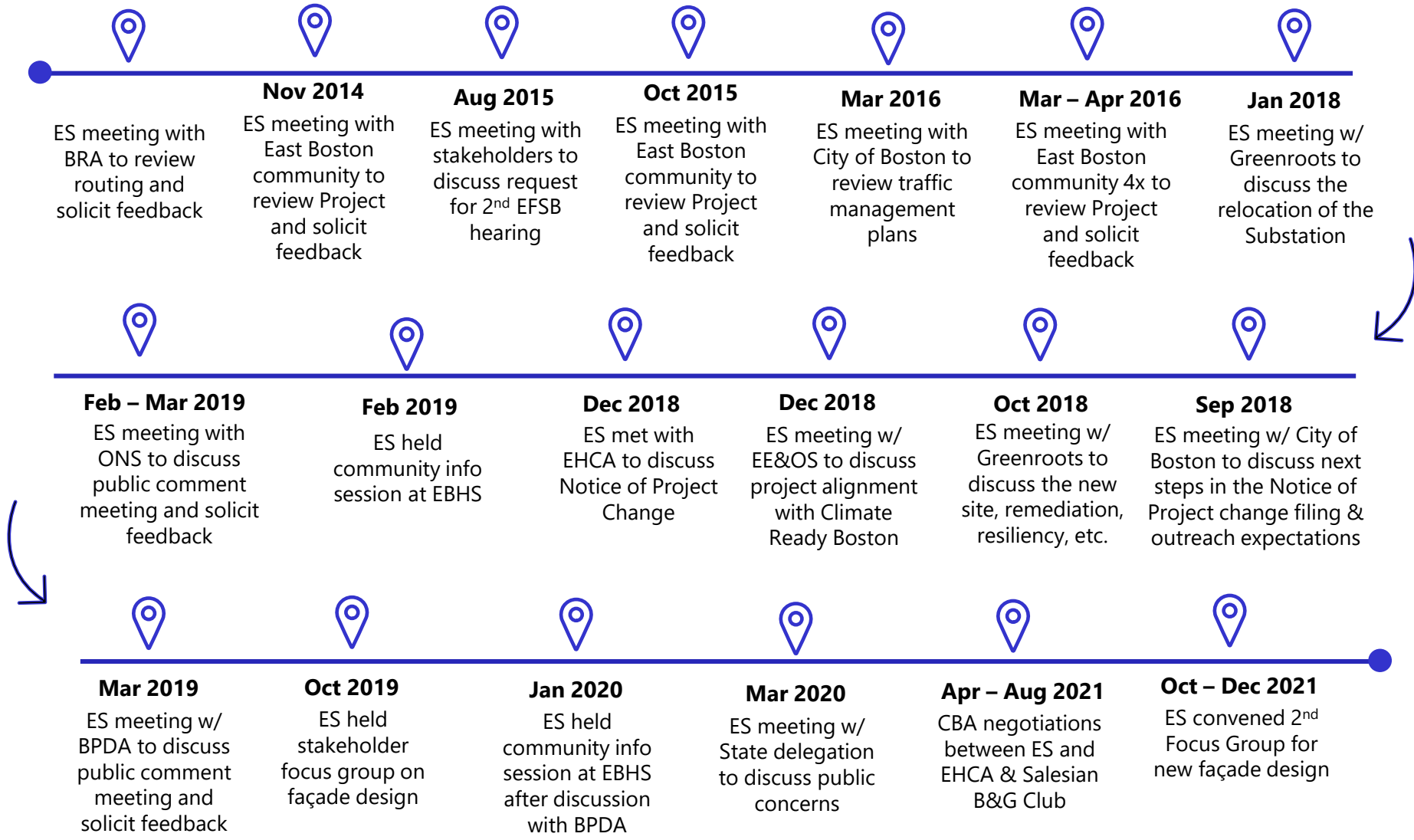
The new substation is a necessary solution that will provide area residents with reliable and safe power to support electrical demand now and in the future.



- With safety paramount, community input is driving design.
- The substation needs to be constructed near the existing electric load.
- Location allows transmission lines to connect directly to the substation avoiding installation in underground routes through City streets.
- Exterior will be designed based on community input while maintaining safety; deterring trespassing; and integrating with the surrounding area.

* This is a preliminary design concept only. The final design will be chosen by the Company in collaboration with the community and the Boston Planning & Development Agency.

Eight Years of Outreach



Electricity is an Essential Service

- Immediate action is needed to protect the interest of electric customers in East Boston and Chelsea.
- Electricity is an essential service. Our obligation is to make sure electric service is available to everyone without the risk of imminent failure.
- Our concern for the community interests are propelling us forward. Large-scale power outages in the hottest summer months will jeopardize the health and welfare of residents and businesses.
- We are requesting a **Certificate of Environmental Impact and Public Interest** to grant remaining state and local permits required to construct the East Eagle Substation.
 - Certain grants of location are unduly delayed.
 - Necessary construction permits are not progressing.
 - State and local wetlands and waterways permits *were granted* but remain under appeal.

Eversource Contact

Nicole Bowden

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Public Hotline

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800-793-2202

Project Website:

eversource.com/east-eagle-reliability



FOCUS AREAS +

MYSTIC - EAST EAGLE - CHELSEA RELIABILITY PROJECT

Electric demand is growing in eastern Massachusetts. The area needs an additional substation and transmission capacity to support the reliable delivery of electric power to meet the region's current demand.

At Eversource, we're always working to serve you better. We are installing a new substation in the East Eagle neighborhood of East Boston, and two new underground transmission lines to connect the new substation to existing substations in Everett and Chelsea.

We are also making minor improvements within the fenced area of the existing Mystic Substation on Broadway in Everett, and the existing Chelsea Substation on Willoughby Street in Chelsea.

The East Eagle - Mystic transmission line will be constructed under the streets in Chelsea and Everett, and connect to an existing duct bank connecting Chelsea and East Boston. (A duct bank is a group of tubes buried underground that is designed to house electric lines.) The East Eagle - Chelsea transmission line will be located within an existing duct bank and manhole system in East Boston and Chelsea.

Information about the project is also available in:

- [Español \(Spanish\)](#)
- [Português \(Portuguese\)](#)
- [Kreyòl ayisyen \(Haitian Creole\)](#)