

STATE OF RHODE ISLAND  
ENERGY FACILITY SITING BOARD

In re: The Narragansett Electric Company :  
Notice of Intent Application :  
L14 and M13 Mainline 115 kV : Docket No. SB-2024-04  
Rebuild Project :  
Tiverton and Portsmouth, Rhode Island :

THE NARRAGANSETT ELECTRIC COMPANY  
EXHIBIT LIST

<b>TNEC Exhibit No.</b>	<b>Description</b>	<b>Filed</b>
TNEC-1	EFSB Notice of Intent Application	August 27, 2024
TNEC-1A	Project Siting Report August 2024 Volume I	August 27, 2024
TNEC-1B	Project Siting Report August 2024 Volume II	August 27, 2024
TNEC-2	PowerPoint Presentation for Preliminary Hearing	October 23, 2024

Date: October 23, 2024



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# L14 and M13 Mainline 115 kV Rebuild Project

Presentation to the Energy Facility Siting Board  
Public Comment Hearing  
October 23, 2024

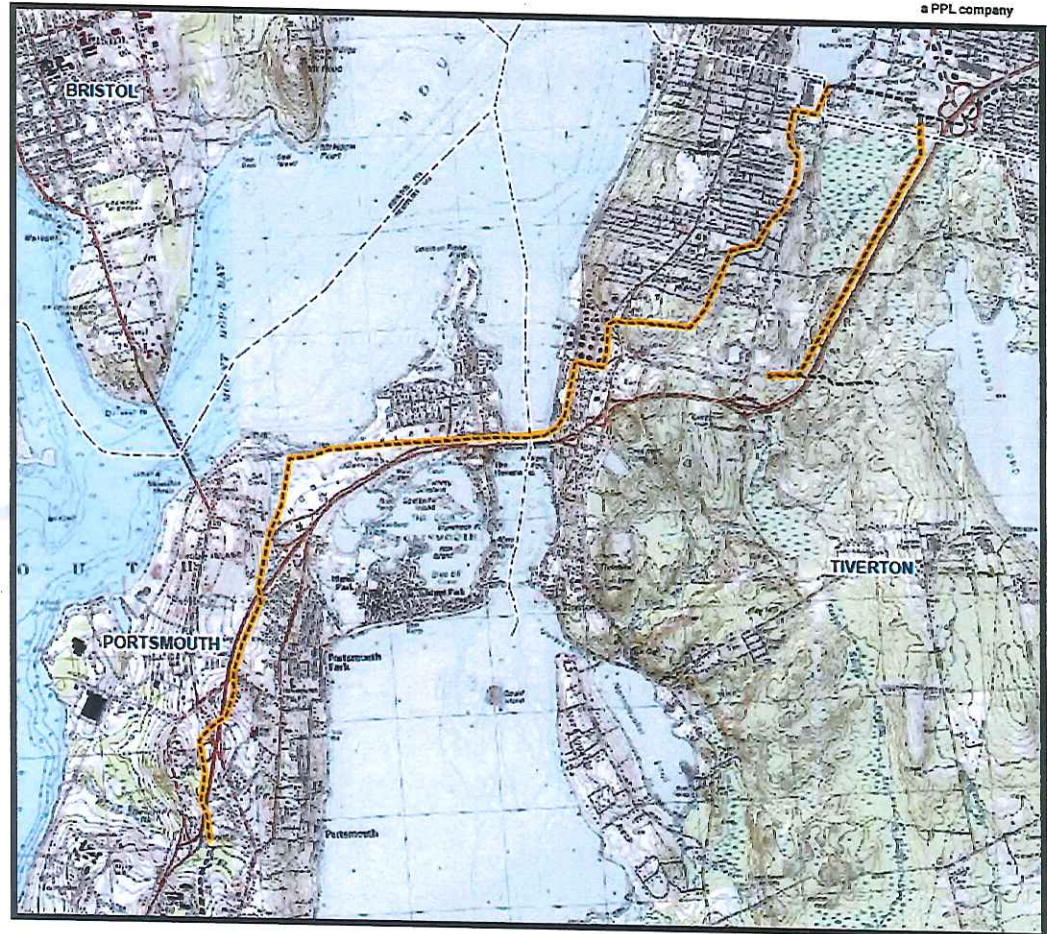
# Agenda

- Introduction
- Project Area
- Project Overview
- Need
- Alternatives
- Construction Sequence
- Schedule
- Community Outreach
- Impact Mitigation
- Project Impact



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## Project Overview



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- 7.9 miles from Canonicus Street to Dexter Substation
- Rebuild two existing 115 kV transmission lines
- Structures and conductors are exhibiting signs of deterioration
- Replace 193 structures
- Reconductor: 1113.0 kcmil ACSS “Finch” conductor
- Shield wire - optical ground wire

## Project Need

- Asset condition refurbishment project is driven by the need to maintain a reliable system. The reliability is compromised by the deteriorated condition of the wood pole H-frame structures, the lattice structures, and the age of the existing conductors



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View to the West  
Riverside Drive, Tiverton

# Alternatives

- No-Action Alternative
- Line Remediation Alternative
- New Underground Route Alternative
- Parallel Circuit Transmission Line Rebuild (Preferred Alternative)



## Construction Sequence

- Removal of vegetation and Right of Way (ROW) mowing in advance of construction;
- Installation of soil erosion and sediment controls;
- Access road and work pad maintenance, and access route construction;
- Installation of transmission structure foundations;
- Installation of replacement structures, conductors, and OPGW;
- Removal and disposal of existing transmission line components; and
- Restoration and stabilization of the ROW.



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# Schedule

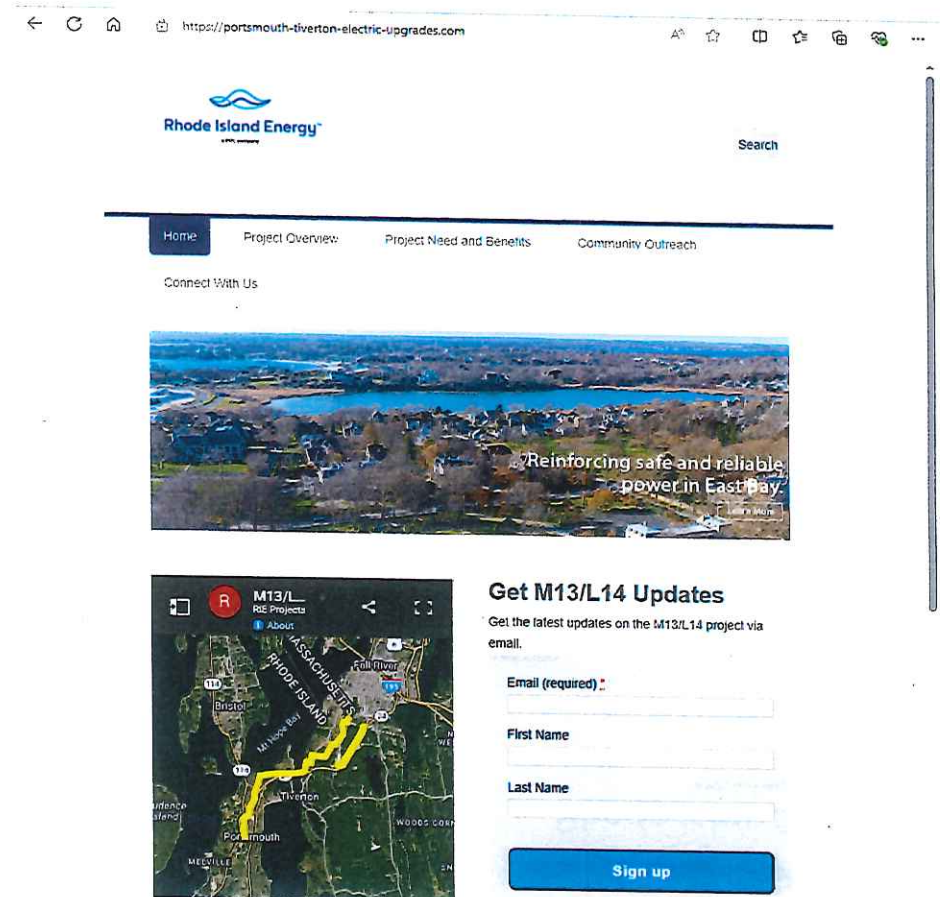


ACTIVITY	ESTIMATED START DATE	ESTIMATED COMPLETION DATE
Planning and Engineering	Q4 2022	Q2 2024
Permitting and Licensing	Q3 2023	Q3 2024
Construction	Q4 2024	Q2 2026
Facilities Ready for Load	Q2 2026	
Final Restoration and Stabilization	Two Growing Seasons through Q3 2027	



# Community Outreach

- Reviewed Project with Town officials
- Pre-construction outreach
  - Contacted abutters by mailing in advance of field surveys and geotechnical program
- On-going outreach
  - Meetings with municipalities and relevant governmental organizations with interest in the Project scope;
  - Community Open House events;
  - Community outreach (e.g. door-to-door);
  - A user-friendly, interactive website;
  - Project hotline and email;
  - Fact sheets, door hangers, FAQs, timelines, etc.; and
  - Advertising.



# Summary of Existing Natural and Social Environment



- Watershed and Waterways
- Soils
- Wetlands
- Rare Species
- Land Use
- Cultural and Historical Resources

## Project Impact



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- Removal of vegetation within the existing right-of-way
- Construction noise is expected to be intermittent
- Dust will be temporary and localized
- Traffic impacts will be temporary
- No long-term impacts to residential, commercial or industrial land uses
- Temporary impacts to freshwater wetlands and saltmarsh from construction matting
- Historic/Archaeological – Avoidance and Protection Plan with limited mitigation provided to RIHPHC
- Disturbed areas within the right-of-way will be restored to previously existing or improved condition
- More reliable and robust 115 kV transmission lines

## Impact Mitigation

- No long-term impacts to natural or social environments are expected.
- Any short-term impacts will be mitigated by use of soil erosion and sediment controls and construction best management practices (BMPs)
  - Stormwater controls
  - Dust suppression measures
  - Noise controls on equipment and vehicles
  - Use of right-of-way access routes
- Environmental training for all contractors
- An environmental monitor will ensure compliance with all regulatory programs and permit conditions
- An archaeological monitor will review the installation of the proposed site avoidance and protection plan



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# L14 and M13 Mainline 115 kV Rebuild Project

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