EVERSOURCE

Project Approval Form

Project Title: 2025 Frontier Pole Shifts	Project Number: CD02449
Date Prepared: 03/15/2024	**Company:** Eversource CT
Organization: Electric System Operations	**Project Category:** POLE INTEGRITY PROGRAM
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 12/31/2025	
Total Capital Request: $450k	**Authorization Type:** Full Funding

1. Executive Summary

The Frontier Pole Shifts project supports the 45-day PURA mandated timeframe for Eversource transfers to new pole sets. This project includes the transfer of Eversource equipment onto Frontier Defective Pole Replacements throughout 2025. As Frontier replaces defective poles, Eversource will receive an automatic design request through Alden 1 database to create a WR for the equipment transfer.

During the last 5 years, the number of Frontier pole shifts has declined due to a change in philosophy by Frontier which now prefers to reinforce poles via C-Truss rather than replace its decayed/defective poles.

The total project capital request is $450K.

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	Year 2025	Year 2026	Year 2027	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	5.3	0.0	0.0	5.2
Outside Services	184.5	0.0	0.0	184.5
Materials	20.3	0.0	0.0	20.3
Removals	115.1	0.0	0.0	115.1
Risk and Contingency	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0
Subtotal – Direct Costs	325.0	0.0	0.0	325.0
Indirect Capital Costs				
Indirect/Overheads (including benefits)	123.5	0.0	0.0	123.5
Capitalized interest or AFUDC, if any	1.4	0.0	0.0	1.4
Subtotal – Indirect Costs	124.9	0.0	0.0	124.9
Total Gross Capital Costs	**$450.0**	**0.0**	**0.0**	**$450.0**
Customer Contribution	0.0	0.0	0.0	0.0
Total Net Capital Project Costs	**$450**	**0.0**	**0.0**	**$450**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

- This project will allow Eversource to remain PURA compliant and decrease the number of double poles in the field.

b. Project Need

- CD02449 is a blanket project that includes the transfer of Eversource equipment onto Frontier Defective Pole Replacements throughout 2025.

  The Frontier Pole Shifts project supports the 45-day PURA mandated timeframe for Eversource transfers to new pole sets.

c. Project Scope

- Frontier will replace their defective poles and make attachers aware of required transfers through the Notify database. Eversource will receive an automatic design request through ALDEN 1 to create a WR for the pole transfer. Frontier has estimated this to occur approximately 240 times throughout 2024 based on historical counts. During 2022, the Company has noticed a reduced number of Frontier shift due to a change in Frontier strategy. Frontier prefers reinforcing rather than replacing poles thus reducing the number of Frontier shifts.

4. Alternatives Considered

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Project is a compliance obligation - no alternatives considered - no financial benefit

5. Project Schedule

Milestone/Phase Name	Estimated Date
Partial Approval	
100% Detailed Engineering Completion	
Fully Funded	January 2025
Construction Start	February 2025
In Service Date	December 2025

6. Regulatory Decisions

Are Regulatory body approvals needed for the project?

No

7. Codes and Standards

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8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2024-2025	Low	Included historical costs of transfers.
Construction resources / storm delays	2024-2025	Medium	Will use competitive bidding to ensure lowest outside labor cost if internal resources unavailable.
Materials shortage or long lead times	2024-2025	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.

9. References

Cost Estimate and Assumptions:

Historical costs for transfers were used to estimate the work. Per the project scope above, we estimate 240 poles. This estimate is based on conversation with Frontier about the shift forecast.

CD02110 - 2023 Frontier Transfer project Estimate			
	Capital		
Cost per pole	$1973		
# of Poles	228		
Total Estimate	$450K		

Defective pole analysis budget

CD02444 Defective Pole Program	Year 2024
Defective Poles CD02444	$7.05M
Frontier Shifts CD02449	$0.45M
Frontier Shifts CD02449	$0.45M
Total 2025 Pole Integrity Budget	$7.5M

*Number of poles subject to change based on the findings from the pole inspection.

10. Attachments (One Line Diagrams, Images, etc.)

N/A