EVERSOURCE

Project Approval Form

Project Title: DB Replace Enterprise Dr Rocky Hill	**Project Number:** CD02358
Date Prepared: 03/19/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** DB CABLE REPLACE-SPECIFIC PROJ
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** No
Project Manager: [redacted]	**Emergency Related Request?** Yes
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: December 2024	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $442K	**Authorization Type:** Full Funding

1. Executive Summary

This project is established to capture and document charges for emergent Direct Buried (DB) cable replacements in the area around Enterprise Dr.

- This DB area has experienced six cable failures in seven years.
- Faulted DB cable was replaced with cable in conduit in two locations in the development.
- Project Location:
  - Division: Central
  - District: Hartford AWC
  - Town: Rocky Hill

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2024	2025	Total
Internal Labor and Construction Equipment	0.0	0.0	0.0
Outside Services	162.8	6.9	169.8
Materials	44.2	-28.4	15.8
Removals	14.3	-1.4	12.8
Risk and Contingency	9.0	-0.3	8.7
Other	0.0	0.0	0.0
Subtotal	**230.3**	**-23.3**	**207.0**

Indirect Capital Costs	2024	2025	Total
Indirects/Overheads (including benefits)	214.7	6.0	220.7
Capitalized interest or AFUDC, if any	14.6	0.0	14.6
Subtotal	**229.3**	**6.0**	**235.4**
Total Capital Costs (Gross)	**459.6**	**-17.3**	**442.4**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**
Project Costs (Net of Reimbursement)	**459.6**	**-17.3**	**442.4**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

- The estimated age of this direct buried distribution cable is 38 years and is reaching the end of its useful life.
- It has been determined on an industry-wide basis that much of the original XLP and HMP-insulated primary cable installed in the DB system has not achieved its engineered life expectancy.
- Premature cable failures have degraded the reliability of Eversource customers served by these cables.
- Emergent failures in direct buried cable developments require cable replacement to address the reliability issues.

b. Project Need

- This project was needed to improve reliability in this area by replacing the failure prone DB cable.

c. Project Scope

Replace failure prone direct buried cable in two locations along Enterprise Dr.

- [redacted]

4. Alternatives Considered

NWS Exclusion Criteria (select all that apply)

☐ Project cost < $250k	☐ New Service
☐ CDOT Relocation	☐ Generator interconnection project
☒ Maintenance, Asset condition or safety related*	

NWS was not considered as this was emergent cable replacement due to numerous cable failures.

No Options were considered for this project as it is complete.

5. Project Schedule

Milestone/Phase Name	Estimated Date
Fully Funded	April 2025
Construction Start	March 2024
In Service Date	December 2024

6. Regulatory Decisions

N/A

7. Codes and Standards

N/A

8. Risk and Contingencies

N/A

9. References

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

Attachment	Included in Submittal?
A. Detail Map	*YES*

Attachment A: Detail Map

