EVERSOURCE

Operations Project Authorization Form

Project Title: [redacted] - DB Cable Replacement	**Project Number: CD02746**
Date Prepared: 03/13/2026	**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?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 4/30/2026	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $568.2K	**Authorization Type:** Full Funding

1. Executive Summary

This project was created to address ongoing reliability issues caused by recurring faults on the Direct Buried (DB) cable sections in the development.

- This DB cable area has experienced multiple faults over the past several years, resulting in outages and reduced reliability for customers.
- The DB cable was replaced due to aging and faulty conductor sections within the affected DB cable area.

- Project Location
  - Division: Central
  - District: Harford AWC
  - Town: Rocky Hill

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2025	2026	Total
Direct Capital Costs			
Internal Labor and Construction Equipment	2.5	0.0	2.5
Outside Services	0.0	188.3	188.3
Materials	19.2	20.3	39.5
Removals	1.4	15.4	16.9
Risk and Contingency	0.0	27.1	27.1
Other	0.0	0.0	0.0
Subtotal – Direct Costs	**23.1**	**251.1**	**274.3**
Indirect Capital Costs			
Indirect/Overheads (including benefits)	17.0	277	294
Capitalized interest or AFUDC, if any	0.0	0	0
Subtotal – Indirect Costs	**17.0**	**277**	**294**
Total Gross Capital Costs	**40.1**	**528.1**	**568.2**
Customer Contribution	0	0	0
Total Net Capital Project Costs	**40.1**	**528.1**	**568.2**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]

b. Project Need

[redacted]

c. Project Scope

[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*	

*Maintenance, Asset Condition or safety related: This project is excluded from a non-wires solution because the work has already been completed in the field. The decision to replace this cable was due to poor reliability.

Project Option Comparison

Design Criteria	Option
	1 – Replace Conductor and Install Conduit
Required to meet project need	
Normal loads < 80% of UG rating	X
Normal loads < 90% of OH rating	X
Contingent loads < 100% of rating	X
Additional Benefits (not required to meet scope of project)	
All zones < 500 customers	X
Addresses area with reliability issues	X
Improves delivery to large customers (Hankel and WFSB)	X
Authorization Type	Full
Capital Cost	$568.2K
Expense Cost	$12.6K
Total Cost	$580.8K

Option Summary

Preferred: Preferred: [redacted]

[redacted]

Other(s): Work has already been completed no other options were considered.

5. Project Schedule

Add any additional milestones that are pertinent to the project

Milestone/Phase Name	Estimated Date
Fully Funded	March 2026
In Service Date	April 2026

6. Regulatory Decisions

N/A

7. Codes and Standards

N/A

8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2026	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
Customer Permission / Siting Council / Municipal approvals	2026	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2026	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Internal engineering resources not available to perform the work.	2026	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2026	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2026	Medium	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
Technological risks involving integration of new technology	2026	Low	Before use of new technology ensure support of standards and manufacturer. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.

9. References

N/A

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

Attachment	Included in Submittal?
A. Project Estimate	*YES*
B. Geographic Maps	*YES*
C. Circuit One-lines	*YES*
D. Initial Funding PAF	*YES*
E. Project Authorization Checklist	*YES*

Attachment A: Project Estimate

ESTIMATE

ESTIMATE + CONTINGENCY: **$239,760.00**

Estimate Subtotal $199,800.00

Select Unit Code	Unit Description	$ / UNIT	Quantity	Item Total	"Other" Description
16-UG151A	[redacted]	[redacted] FT		$142,500.0	
20-DB001		[redacted] EA		$20,000.0	
16-UG154		[redacted] EA		$22,500.0	
17-UG157		[redacted] EA		$10,000.0	
20-DB005	Traffic control per day	[redacted] EA		$4,800.0	



Attachment C: One Line



Attachment D: Initial Funding PAF

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Project Approval Form

Project Title: Capital Blvd DB Cable Replacement	**Project Number: CD02746**
Date Prepared: 09/03/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator [redacted]	**Project Category:** DB CABLE REPLACE-SPECIFIC PROJ
Project Manager: [redacted]	**Project Type:** Specific
Project Sponso [redacted]	**Capital Investment part of 5-year plan?** No
	Emergency Related Request? No
Total Request ($): $30k	**Authorization Type:** Initial Funding

1. Project Need Statement

[redacted]

Project Location

- Division: Central
- District: Hartford AWC
- Town: Rocky Hill, CT

2. Project Objectives

The project objective is to develop options to address poor circuit reliability cause by faults in DB [redacted] The initial requested amount for this is $30K.

Project Initiator: [redacted]

Engineering Approval:_____

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Refer to Distribution Capital Project Approval Process
JA-AM-2001-B, Rev.1

Attachment D: Project Authorization Checklist

Project Authorization Checklist

Project Initiator [redacted]

Project #: CD02746

Project Title [redacted] - DB Cable Replacement

Funding Type: Full

☐ Partial PAF ☒ Full PAF

Project Alternatives:

☒ Options considered ☒ Explanation why alternatives were not selected

☐ NWA considered ☒ Explanation why preferred option was selected

Project Requirements (Review all, and check all that apply):

NR = Not Required R=Required C = Complete

NR	R	C		NR	R	C	
☒	☐	☐	Easement	☒	☐	☐	TD007
☒	☐	☐	Trimming Estimate Received	☒	☐	☐	ROW trimming Estimate Received
☒	☐	☐	Environmental Review Initiated	☐	☐	☒	Review with Operations
☒	☐	☐	Permits (state roads)	☐	☐	☒	Underground permits
☒	☐	☐	S &C Settings	☒	☐	☐	Material long lead
☒	☐	☐	Synergi load flow				

PAF Documents Attached:

☒ One Lines ☒ Geographical Map ☐ Load Projections ☒ Estimates

☐ Other Documents (List):

PAF Review Complete:

☒ Lead Reviewed by: [redacted] Date: 3/13/2026

☐ Manager Reviewed by: _____ Date: _____