EVERSOURCE

Supplement Authorization Form

Project Title: [redacted] **DB Cable Replacement**	**Project Number: CD02901**
Date Prepared: 08/10/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** DB CABLE REPLACE-SPECIFIC PROJ
Initiating Organization: Distribution	**Project Type:** Specific
Project DDE: [redacted]	**Capital Investment part of 5-year plan?** Yes
Project Manager: [redacted]	**Emergency Related Request?** Yes
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Current Authorized Amount: $785.0K	**Approved In-Service Date:** 4/6/2026
Supplement Request: $402.0K	**Estimated In-Service Date:** Project Complete
Total Capital Request ($): $1,187.0K	**Authorization Type: Supplement Request**
	Reason: Cost Overage

1. Supplement Justification

Supplemental funding is being requested for this project. The total capital request is $1,187K which is $402.0K (151%) more than the current authorized amount of $785.0K.

This project incurred no scope change from full funding to the supplemental request. The change in financials to the project was due to increased outside services cost. This increase can be attributed to the use of outside contractors rather than internal crews, increased removal costs and an increase in risk which is offset by a decrease in internal labor and construction equipment.

2. Justification for Additional Resources

There was no increase in materials for this project, the main drivers for increased costs were the use of outside contractor crews.

3. Supplement Cost Summary (Project Total)

Line-item Category	To Date Spend Year(s)	Prior Authorized Year(s)	Variance (Supplemental Request) Year(s)	New Total Request (Add Prior Authorized and Variance) Year(s)
Internal Labor and Construction Equipment	$11.5	$10.8	$-0.1	$10.7
Outside Services	$417.4	$248.2	$140.1	$388.3
Materials	$13.7	$12.8	$0.0	$12.8
Removals	$0.0	$18.9	$12.2	$31.1
Risk and Contingency	$0.0	$24.6	$53.0	$77.6
Other	$3.4	$3.1	$0.0	$3.1
SUBTOTAL DIRECTS W/ RISKS	**$446.0**	**$318.5**	**$205.2**	**$523.6**
Indirect / Overhead (including benefits)	$655.2	$464.7	$190.5	$655.2
AFUDC	$8.1	$1.8	$6.3	$8.1
Subtotal – Indirect Costs	**$663.3**	**$466.5**	**$196.8**	**$663.3**
TOTAL CAPITAL REQUEST	**$1,109.3**	**$785.0K**	**$402.0**	**$1,186.9**
Reimbursables/Customer Contribution	$0.0	$0.0	$0.0	$0.0
PROJECT TOTAL (LESS REIMBURSABLES)	**$1,109.3**	**$785.0K**	**$402.0**	**$1,186.9**

New Total Request by Year (if applicable)

Line item Category	Year 2026	Total
Internal Labor and Construction Equipment	$10.7	$10.7
Outside Services	$388.3	$388.3
Materials	$12.8	$12.8
Removals	$31.1	$31.1
Risk and Contingency	$77.6	$77.6
Other	$3.1	$3.1
SUBTOTAL DIRECTS W/ RISKS	**$523.6**	**$523.6**
Indirect / Overhead (including benefits)	$655.2	$655.2
AFUDC	$8.1	$8.1
Subtotal – Indirect Costs	**$663.6**	**$663.6**
TOTAL CAPITAL REQUEST	**$1,186.9**	**$1,186.9**
Reimbursables/Customer Contribution	$0.0	$0.0
PROJECT TOTAL (LESS REIMBURSABLES)	**$1,186.9**	**$1,186.9**

EVERSOURCE

Supplement Authorization Form

Project Title: [redacted] **DB Cable Replacement**	**Project Number: CD02901**
Date Prepared: 05/26/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** DB CABLE REPLACE-SPECIFIC PROJ
Operations Representative: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** Yes
Estimated in Service Date: 4/6/2026	**Emergency Related Request?** Yes
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution
Total Request ($):$785.0K	**NWS Excludable:** ☒ Yes ☐ No
Project Driver: Infrastructure Replacements	**Authorization Type: Full Funding**

1. Executive Summary

Project CD02901 was established address aging underground infrastructure on the [redacted] along [redacted] in Sharon, CT. The initial cable failure occurred in February, and final work was completed in April 2026; however, the associated work order exceeded the $500K[redacted] threshold and now requires a specific project to capture the costs associated with this replacement.

The UG tap off [redacted] protected by a [redacted] The tap is comprised of 0.6 miles of direct buried #1 AL and 1972 vintage #1 AL concentric UG conductor that serves three meters via the Cornwall [redacted].

This project was created to cover the costs for the emergent replacement of [redacted]' of direct buried #[redacted]. The cable was located off-road with multiple sections of deteriorated neutral. Repairs took place during the significant snowstorms of late February 2026 which caused significant costs in generation.

Project Location:

- Division: Western
- District: Falls Village AWC
- Town: Sharon

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	Year 2026 Actual	Year 2026 Estimate	Year 2027+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	8.1	2.7	0.0	10.8
Outside Services	186.9	61.3	0.0	248.2
Materials	9.7	3.2	0.0	12.8
Removals	13.1	5.8	0.0	18.9
Risk and Contingency	0.0	24.6	0.0	24.6
Other	2.4	0.8	0.0	3.1
Subtotal – Direct Costs	220.2	98.3	0.0	318.5
Indirect Capital Costs				
Indirect/Overheads (including benefits)	367.6	97.1	0.0	464.7
Capitalized interest or AFUDC, if any	1.8	0.0	0.0	1.8
Subtotal – Indirect Costs	369.4	97.1	0.0	466.5
Total Gross Capital Costs	**589.6**	**195.5**	**0.0**	**785.0**
Customer Contribution	0.0	0.0	0.0	0.0
Total Net Capital Project Costs	**589.6**	**195.5**	**0.0**	**785.0**

Explain unique payment provisions, if applicable:

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

This was the 4th fault in this DB area according to our records.
On February 9th, 2026, a DB cable fault occurred between Pad [redacted]. Temporary generation was installed at Pad [redacted] to maintain customer service.

The original scope was limited to replacing only the faulted section of cable; however, field investigation by the RSO identified multiple locations with deteriorated concentric neutral on the #1 AL cable. The issue was turned over to the AWC on February 18th. The cable ran off-road through the woods, snow conditions made it very difficult to locate and repair. It was determined that full replacement of the entire [redacted]' segment, along the road, was the most appropriate solution. By the time the decision was made, late February major snowstorms hit the area making further delays.

The large delays in fault locating, late turnover to the AWC, and inclement weather caused excessive generation costs. Total generation was about $140K or 44% of the direct costs of the project.

All final work and work orders were closed out in April 2026.

Event Number	Begin Time	Cause	Device Name	Circuit
5867871	2/9/2026	EQUP-Equip Failure	Pad #1057	37J1
3760203	9/8/2018	Lightning	Fuse #1116	37J1
1444123	7/22/2010	Lightning	Fuse #1116	37J1
778671	5/21/2007	Equip- Equip Failure	Pad #0716	37J1

b. Project Need

Project CD02901 seeks to cover the costs associated with replacing [redacted]' of direct buried #1 AL and 1972 vintage #1 AL Concentric UG conductor from [redacted] in Sharon, CT. The

original work order that was written for this replacement exceeded the $500K APS1 threshold, triggering the need for a specific project.

c. Project Scope

The project scope includes the relocation of the cable near the road and replacement of [redacted] of direct buried [redacted] underground conductor.

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*	

The identified UG tap along [redacted] in Sharon has experienced 4 DB cable faults since 2007. Upon field investigation, there were multiple locations that were found to have degraded #1 AL concentric cable leading to the whole 3,400' being replaced.

Project Option Comparison

Design Criteria	**Option**	
	1 – DB Cable Replacement	**2 – Do nothing**
Required to meet project need		
Eliminates All 1972-Vintage Cable	X	
Additional Benefits (not required to meet scope of project)		
Normal loads < 80% of UG rating	X	
Contingent loads < 100% of rating	X	
Authorization Type	Full	

Capital Cost	$785.0K	
Expense Cost	$17.5K	
Total Cost	$802.5K	
Preferred option	X	

Option Summary

Preferred: Option 1: DB Cable Replacement was chosen because the work has already been completed.

Other(s): Option 2: Doing nothing is not an option because the cable has already been replaced. Not creating a specific project for a work order that exceeded the $500K threshold would be against Eversource policy.

Project Schedule

Add any additional milestones that are pertinent to the project.

Milestone/Phase Name	Estimated Date
100% Detailed Engineering Completion	February 2026
Fully Funded	May 2026
Construction Start	February 2026
In Service Date	April 2026

5. Regulatory Decisions

N/A

6. Codes and Standards

N/A

7. Risk and Contingencies

N/A

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	Low	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.

Wetlands / Environmentally sensitive area	2026	Low	Use of mats and specialty equipment, only work during certain times of the year.

8. References

References
1.
2.
3.
4.
5.

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

Attachment	Included in Submittal?
A. Geographic Map	*YES*
B. Initial PAF	*YES*

Attachment A: Geographic Map



Attachment B: Initial PAF

Project Title: [redacted] **DB Cable Replacement**	**Project Number: CD02901**
Date Prepared: 05/20/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** DB CABLE REPLACE-SPECIFIC PROJ
Operations Representative [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** Yes
Estimated in Service Date: April 2026	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☒ Distribution
Total Request ($): $30K	**Authorization Type:** Initial Funding
Project Driver: Infrastructure Replacements	

1. Project Need Statement

Project CD02901 was established to replace the direct-buried cable on the [redacted] in Sharon, CT. The cable replacement was completed in April 2026; however, the associated work order exceeded the $500K APS1 threshold and now requires a specific project to capture the costs associated with this replacement.

- Project Location
  - Division: Western
  - District: Falls Village
  - Town: Sharon

2. Project Objectives

The objective of this project is to enhance reliability and cover the costs associated with replacing [redacted] of direct buried [redacted] from [redacted] on [redacted] in Sharon, CT.

Initial funding authorization of $30K is requested for the preliminary engineering of this project.

Project Initiator: [redacted]

Engineering Approval: [redacted]