EVERSOURCE

Supplement Authorization Form

Project Title: [redacted] **HV/LV bare over bare remediation**	**Project Number: 103869**
Date Prepared: 04/28/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** HI OVER LO VOLTAGE REMOVAL
Initiating Organization: Distribution	**Project Type:** Specific
Project DDE: [redacted]	**Capital Investment part of 5-year 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
Current Authorized Amount: $ 826.8k	**Approved In-Service Date:** 12/31/2017
Supplement Request: $411.6k	**Estimated In-Service Date: 12/31/2022**
Total Capital Request: $ 1,238.4k	**Authorization Type:** Supplement Request
	Reason: Cost Overage

1. Project Background

Project 103869 was created to cover the cost associated with the [redacted]

This project was part of an overall strategy developed by Eversource to address situations where high voltage over low voltage bare over bare primary conductor existed. [redacted]

2. Supplement Justification Overview

The requested amount of $411.6k is 29% above the authorized direct cost of $826.8k. Additional reconductoring outside contractor labor, traffic control costs and removals increased the overall cost of the project.

3. Supplement Justification Detail

The $411.6k increase reflects additional cost spent due to reconductoring, outside contract labor, traffic control and removals incurred over the course of the project.

4. Supplement Cost Summary (Project Total)

Capital Costs	To Date Spend	Prior Authorized	Supplemental Request	Total Request
Internal Labor and Construction Equipment	39.6	133.2	-98.6	34.6
Outside Services	630.9	371.7	179.7	551.4
Materials	86.2	53.9	21.4	75.3
Removals	0.0	0.0	97.2	97.2
Risk and Contingency	24.3	41.0	-16.7	24.3
Other	13.6	0.0	11.9	11.9
SUBTOTAL DIRECTS W/RISKS	**794.6**	**599.8**	**194.8**	**794.6**

Indirect Capital Costs	To Date Spend	Prior Authorized	Supplemental Request	Total Request
Indirects/Overheads (including benefits)	435.6	203.1	232.5	435.6
Capitalized interest or AFUDC, if any	8.2	23.9	-15.7	8.2
Subtotal – Indirect Costs	**443.8**	**227.0**	**216.8**	**443.8**
Total Capital Costs (Gross)	**1,238.4**	**826.8**	**411.6**	**1,238.4**
Reimbursables/ Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Total (LESS REIMBURSABLES)	**1,238.4**	**826.8**	**411.6**	**1,238.4**

New Total Request by Year (if applicable)

Note: If multi-year project, includes actuals for current and years past, and then show forecasted spend for upcoming years.

Line-item Category	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	TOTAL
Internal Labor & Equipment	0.1	6.4	13.2	4.9	10.3	-0.3	34.6
Outside Services	2.2	102.7	210.1	78.3	163.4	-5.4	551.4
Materials	0.3	14.0	28.7	10.7	22.3	-0.7	75.3
Removals	0.4	17.5	35.7	13.3	27.8	2.5	97.2
Risk and Contingency	0.0	0.0	0.0	0.0	0.0	24.3	24.3
Other	0.0	2.2	4.5	1.7	3.5	-0.1	11.9
SUBTOTAL DIRECTS W/ RISKS	**3.0**	**142.9**	**292.2**	**109.0**	**227.3**	**20.2**	**794.6**
Indirects / Overheads (including benefits)	6.8	62.5	170.0	47.3	164.9	-15.8	435.6
AFUDC	0.0	3.3	1.5	1.0	2.4	0.0	8.2
SUBTOTAL Indirect Cost	**6.8**	**65.8**	**171.5**	**48.3**	**167.3**	**-15.8**	**443.8**
TOTAL Capital Request	**9.8**	**208.7**	**463.7**	**157.2**	**394.6**	**4.3**	**1,238.4**
Reimbursables/Customer Contribution	0	0	0	0	0	0	0
PROJECT TOTAL (LESS REIMBURSABLES)	**9.8**	**208.7**	**463.7**	**157.2**	**394.6**	**4.3**	**1,238.4**

5. Lessons Learned

Greater contingencies should be utilized in future for overhead work that requires conversion work.

Project Authorization Form

Date Prepared: 9/7/2017	Project Title: [redacted] HV/LV bare over bare remediation
Company/ies: Eversource CT	Project ID Number: 103869
Organization: Distribution Engineering	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: HILORMVL
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: Eliminate high voltage over low voltage bare over bare
Estimated in service date: 12/31/2017	If Transmission Project: N/A
Supplement to Existing Authorization? Yes	Capital Investment Part of Original Operating Plan? Yes
Eng./Constr. Resources Budgeted? Yes	O&M Expenses Part of the Original Operating Plan? Yes

Project Authorization

Project authorization must be in accordance with the approval levels included in the Delegation of Authority Policy (DOA).

If Chief Executive Officer or subsidiary board approval is required, document the review by Enterprise Risk Management (ERM) and Financial Planning and Analysis (FP&A)

ERM: _____

FP&A: _____

Executive Summary

[redacted]

This project was established to cover the costs associated with the [redacted]

This project is part of an overall strategy developed by CL&P to address situations where high voltage over low voltage bare over bare primary conductors exist.

Project 103869, segments 2 & 9, was OCRC ENG approved on 5/26/2016 for $520.4K

Project 103869 is approved in PowerPlan for $520.4K.

The detail design work has been completed and the estimated cost has increased to $880.6K; a variance of $360.2K or 169% of ENG.

We are requesting ACT CPAC approval for $880.6k.

Explanation of Variance:

$41K – Reconductor 770' #6 CU bare with 1/0 ACSR TW on Lounsbury Ave. This was inadvertently left out of the ENG estimate.

$49K – Underestimated traffic control.

$26k – Escalation: latest approved budget dollars were estimated for 2016 construction. However, project was delayed to 2017 due to manpower limitations.

$244K – Additional costs due to contract labor. Project was estimated assuming in house labor.

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.

Note: Dollar values are in thousands

Supplement Authorization Form

	Prior Authorized*	Additional Request	2017**	2018+	Totals
Capital Additions - Direct			$540.4		$540.4
Less Customer Contribution					
Removals net of Salvage			$59.4		$59.4
Total - Direct Spending			$599.8		$599.8
Capital Additions - Indirect			$203.1		$203.1
AFUDC			$23.9		$23.9
Total Capital Request			$826.8		$826.8
O&M			$53.8		$53.8
Total Request	$520.4	$360.2	$880.6		$880.6

** Current total amount authorized in PowerPlan.*

*** Total amount needed for authorization in PowerPlan based on ACT.*

Financial Evaluation

Provide the following financial information (attach additional detail if summarized items are significant or additional information is needed). Note: Dollar values are in thousands

Direct Capital Costs	2017	2018	2019	Total
Straight Time Labor	133.2			133.2
Overtime Labor	0.0			0.0
Outside Services	371.7			371.7
Materials	53.9			53.9
Other, 7.5% Contingency	41.0			41.0
Total	599.8			599.8

Indirect Capital Costs	2017	2018	2019	Total
Indirects/Overheads (including benefits)	203.1			203.1
Capitalized interest or AFUDC, if any	23.9			23.9
Total	227.0			227.0

Total Capital Costs	826.8			826.8

Less Total Customer Contribution				

Total Capital Project Costs	826.8			826.8

Total O&M Project Costs	53.8			53.8

Total Project Costs	880.6			880.6


103869 Waterbury-13F66 &


103869 Project map Segment 02.pdf


103869 Segment 09 Map.pdf


103869-ACT-Project NeedsStatement.pdf