EVERSOURCE

Supplement Authorization Form

Project Title: [redacted] – Robin Drive Barkhamsted - DB Cable Replacement	**Project Number: CD01082**
Date Prepared: 04/30/2026	**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?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Current Authorized Amount: $ 144.5K	**Approved In-Service Date:** 12/31/2018
Supplement Request: $ 82.4K	**Estimated In-Service Date: 12/31/2018**
Total Capital Request ($): 227.0K	**Authorization Type:** Supplement Request
	Reason: : Cost Overage

1. Project Background

[redacted] This work has been completed.

The supplemental request for this project is $82.4K and the full funding capital request for this project was $144.5K, bringing the total capital request to $227.0K or a 157% increase from the full funding request.

2. Supplement Justification Overview

This supplement is required due to the Direct costs increasing due to the use of outside contractors as compared to the use of internal labor forces to support completion of this project and unanticipated removal costs. The indirect costs were attributed to the modest increase in cost for this project.

3. Supplement Justification Detail

This project incurred no scope change from Full Funding PAF to the Supplemental PAF. The Direct costs were $87.4K in the Full Funding PAF as compared to $151.5K in the Supplemental PAF which equates to an increase of $64K in Direct costs. The Indirect costs were $57.1K in the Full Funding PAF as compared to $75.5K in the Supplemental PAF which equates to an increase of $18.4K in Indirect costs. Labor associated with the use of outside contractors contributed to the increased costs of the project.

4. 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	$2.4	$15.0	$-12.8	$2.2
Outside Services	$140.4	$67.9	$63.9	$131.8
Materials	$4.3	$4.6	$-0.6	$4.0
Removals	$0.0	$0.0	$9.0	$9.0
Risk and Contingency	$4.5	$0.0	$4.5	$4.5
Other	$0.0	$0.0	$0.0	$0.0
SUBTOTAL DIRECTS W/ RISKS	**$151.5**	**$87.4**	**$64.0**	**$151.5**
Indirect / Overhead (including benefits)	$75.2	$55.3	$19.9	$75.2
AFUDC	$0.3	$1.8	$-1.5	$0.3
Subtotal – Indirect Costs	**$75.5**	**$57.1**	**$18.4**	**$75.5**
TOTAL CAPITAL REQUEST	**$227.0**	**$144.5**	**$82.4**	**$227.0**
Reimbursables/Customer Contribution	$0.0	$0.0	$0.0	$0.0
PROJECT TOTAL (LESS REIMBURSABLES)	**$227.0**	**$144.5**	**$82.4**	**$227.0**

New Total Request by Year (if applicable)

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

Line item Category	Year 2018	Year 2019	Year 2020 +	Total
Internal Labor and Construction Equipment	$2.2	$0.0	$0.0	$2.2
Outside Services	$132.2	$-0.4	$0.0	$131.8
Materials	$4.0	$0.0	$0.0	$4.0
Removals	$8.7	$0.3	$0.0	$9.0
Risk and Contingency	$0.0	$4.5	$0.0	$4.5
Other	$0.0	$0.0	$0.0	$0.0
SUBTOTAL DIRECTS W/ RISKS	**$147.2**	**$4.3**	$0.0	**$151.5**
Indirect / Overhead (including benefits)	$84.3	$-9.1	$0.0	$75.2
AFUDC	$0.3	$0.0	$0.0	$0.3
Subtotal – Indirect Costs	**$84.6**	**$-9.1**	$0.0	**$75.5**
TOTAL CAPITAL REQUEST	**$231.8**	**$-4.9**	$0.0	**$227.0**
Reimbursables/Customer Contribution	$0.0	$0.0	$0.0	$0.0
PROJECT TOTAL (LESS REIMBURSABLES)	**$231.8**	**$-4.9**	$0.0	**$227.0**

5. Lessons Learned

None.

6. Full Funding PAF:

Operations Project Authorization Form

Date Prepared: May 3, 2018	**Project Title: [redacted]– Robin Drive Barkhamsted - DB Cable Replacement**
Company: Eversource Connecticut	**Project ID Number: CD01082**
Organization: Distribution Engineering	**Class of Plant: UG/DB Distribution**
Project Initiator: [redacted]	**Project Category: DB Cable Replacement**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: Replacement of Aging and Failed Infrastructure**
Estimated in service date: December 31, 2018	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted? No	**Capital Investment Part of Original Operating Plan? Yes**
Authorization Type: Full Funding	**O&M Expenses Part of the Original Operating Plan? Yes**
Total Request: $145,961	

Financial Requirements:

Project Authorization
ERM: _____

FP&A: _____

Executive Summary:

[redacted] The total cost of this project is equal to $145,961 with an in-service date of December31, 2018

Project Costs Summary:

	Prior Authorized*	Additional Request	2018**	2019+	Total
Capital Additions Direct	$ -	$ -	$ 87,402	0	$87,402
Less Customer Contribution	$ -	$ -		0	$0
Removals Net of Salvage	$ -	$ -	$ 45	0	$45
Total - Direct Spending	$ -	$ -	$ 87,447	$0	$87,447
Capital Additions - Indirect	$ -	$ -	$ 55,266	0	$55,266
AFUDC	$ -	$ -	$ 1,835	0	$1,835
Total Capital Request	$ -	$ 144,548	$ 144,548	$0	$144,548
O&M	$ -	$ 1,414	$ 1,414	0	$1,414
Total Request	**$ -**	**$ 145,961**	**$ 145,961**	**$0**	**$145,961**

* Amount authorized in PowerPlan

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

Financial Evaluation:

Note: Dollar values are in thousands

Direct Capital Costs	2018	2019	2020	Total
Straight Time Labor	$ 15,020	0	0	$ 15,020
Overtime Labor		0	0	
Outside Services	$ 67,871	0	0	$ 67,871
Materials	$ 4,557	0	0	$ 4,557
Other, including contingency amounts	$ -	0	0	$ -
Total	$ 87,447	0	0	$ 87,447

Indirect Capital Costs	2018	2019	2020	Total
Indirects/Overheads (including benefits)	$ 55,266	0	0	$ 55,266
Capitalized interest or AFUDC, if any	$ 1,835	0	0	$ 1,835
Total	$ 57,101	0	0	$ 57,101

Total Capital Costs	$ 144,548	0	0	$ 144,548
Less Total Customer Contribution	$ -	0	0	$ -
Total Capital Project Costs	$ 144,548	0	0	$ 144,548
Total O&M Project Costs	$ 1,414	0	0	$ 1,414
Total Project Cost	$ 145,961	0	0	$ 145,961

Note: Explain unique payment provisions, if applicable

Asset Retirement Obligation (ARO) and/ or Environmental Cleanup Costs (Environmental Liabilities):

Is there an ARO associated with this project? If yes, please provide details: Yes, The retirement of the existing defective DB Cable.

Are there other environmental cleanup costs associated with this project? If yes, please provide details: There are no environmental concerns with this project.

Technical Justification:

Project Need Statement:

[redacted]

Project Objectives:

[redacted]

Project Scope:

[redacted]

Background / Justification:

[redacted]

Business Process and / or Technical Improvements:

If we do not complete this work, [redacted]

Alternatives Considered with Cost Estimates:

Since this development was originally installed with XLP cable and the installation of cable injection was unsuccessful, the existing installation warrants its replacement

Project Schedule:

Milestone/Phase Name	Estimated Completion Date
Construction	December 31, 2018

Regulatory Approvals:

There are no regulatory approvals necessary since the repairs are within our easement area.

Risks and Risk Mitigation Plans:

Risk Event	Risk Horizon	Likelihood of Occurrence	Expected Value Cost Exposure ($M)	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2018	LOW	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	2018	LOW	LOW	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2018	LOW	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.	2018	LOW	LOW	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2018	LOW	LOW	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.

Storm delays	2018	MEDIUM	MEDIUM	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2018	LOW	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	2018	LOW	LOW	Before use of new technology ensure support of standards and manufacture. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.
Wetlands / Environmentally sensitive area	2018	LOW	LOW	Use of mats and specialty equipment, only work during certain times of the year

References: None.

Attachments:

[redacted] - CD01082 - Project Need Statem

[redacted] - CD01082 - Robin Drive Barkhar

CD01082 - [redacted] - Robin Drive Barkhar