EVERSOURCE

Supplement Authorization Form

Project Title: [redacted] Replacement	**Project Number: CD01386**
Date Prepared: 04/23/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** URD/DB Cable Improvements
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: $2,188K	**Approved In-Service Date:** 12/30/20
Supplement Request: -$73.7K	**Estimated In-Service Date:** 12/30/20
Total Capital Request: $2,114.3K	**Authorization Type:** Supplement Request
	Reason: Cost Overage

Direct Charges over by $158.6K, project total is under Full Funding by $73.7K.

1. Project Background

The purpose of this project is to fund Year 2, 2020, of the Direct Buried (DB) inspection program and replace approximately 5,322 fault indicators throughout Connecticut.

2. Supplement Justification Overview

This supplement is required due to the direct costs increasing due to labor and equipment but contractor dollars decreasing.

3. Supplement Justification Detail

Direct costs increasing due to labor and equipment but contractor dollars decreased causing the project to come in under the budgeted amount.

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	262.1	195.0	19.5	214.5
Outside Services	120.5	774.0	-675.3	98.7
Materials	1,052.2	299.0	562.2	861.2
Removals	0.0	0.0	260.6	260.6
Risk and Contingency	41.5	8.0	33.5	41.5
Other	0.7	0.0	0.6	0.6
SUBTOTAL DIRECTS W/ RISKS	**1,477.0**	**1,276.0**	**201.0**	**1,477.0**
Indirect / Overhead (including benefits)	637.3	892.0	-254.7	637.3
AFUDC	0.0	20.0	-20.0	0.0
Subtotal – Indirect Costs	**637.3**	**912.0**	**-274.7**	**637.3**
TOTAL CAPITAL REQUEST	**2,114.3**	**2,188.0**	**-73.7**	**2,114.3**
Reimbursables/Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
PROJECT TOTAL (LESS REIMBURSABLES)	**2,114.3**	**2,188.0**	**-73.7**	**2,114.3**

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	2019	2020	2024	2025	Total
Internal Labor and Construction Equipment	1.9	206.8	7.2	-1.3	214.5
Outside Services	0.9	95.1	3.3	-0.6	98.7
Materials	7.7	830.1	28.8	-5.4	861.2
Removals	2.3	242.6	8.4	7.3	260.6
Risk and Contingency	0.0	0.0	0.0	41.5	41.5
Other	0.0	0.6	0.0	0.0	0.6
SUBTOTAL DIRECTS W/ RISKS	**12.8**	**1,375.1**	**47.7**	**41.5**	**1,477.0**
Indirect / Overhead (including benefits)	18.2	644.6	43.8	-92.8	613.8
AFUDC	0.5	24.9	1.2	-3.2	23.4
Subtotal – Indirect Costs	**18.7**	**669.6**	**45.0**	**-96.0**	**637.3**
TOTAL CAPITAL REQUEST	**31.5**	**2,044.7**	**92.7**	**-54.6**	**2,114.3**
Reimbursables/Customer Contribution	0.0	0.0	0.0	0.0	**0.0**
	31.5	**2,044.7**	**92.7**	**-54.6**	**2,114.3**
PROJECT TOTAL (LESS REIMBURSABLES)	**31.5**	**2,044.7**	**92.7**	**-54.6**	**2,114.3**

5. Lessons Learned

Operations Project Authorization Form

Date Prepared: 10/1/2019	**Project Title: [redacted] Replacement**
Company/ies: CT	**Project ID Number: CD01386**
Organization: Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: General Modernization**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: DB Maintenance**
Estimated in service date: 12/31/2020	**If Transmission Project: PTF? NA**
Eng. /Constr. Resources Budgeted? Y	**Capital Investment Part of Original Operating Plan? Y**
Authorization Type: Initial Funding	**O&M Expenses Part of the Original Operating Plan? Y**
Total Request: $2,300K	**Rev 0**

Executive Summary:
The purpose of this project is to fund Year 2, 2020, of the Direct Buried (DB) inspection program and replace approximately 5,322 fault indicators throughout Connecticut.

Technical Justification:

Project Need Statement
Annual Inspections of DB infrastructure and replacement of fault indicators.

Project Objectives
Identify any issues in the DB system and replace old fault indicators at approximately 5,322 locations throughout Connecticut. The distribution of the locations are as follows:

	AWC	Year 1 - 2019		Year 2 - 2020	
Central	Cheshire	Meriden (p)	203	Bristol (p)	310
		Bristol (p)	310	Meriden (p)	680
		Middlebury	296		
			809		990
	Tolland	Enfield (p)	214	East Granby	300
		Tolland (p)	258	Tolland (p)	224
			472		524
	Hartford	Rocky Hill (p)	251	Rocky Hill (p)	236
		Simsbury (p)	413	Hartford (p)	315
			664		551
			1945		**2065**
	AWC	**Year 1 - 2019**		**Year 2 - 2020**	
Eastern	Danielson	Woodstock (p)	193	Woodstock (p)	179
			193		179
	East Hampton	East Haddam (p)	174	East Haddam (p)	169
		Portland	238	East Hampton (p)	215
			412		384
	Madison	Madison (p)	386	Essex	264
			386		264
	New London	East Lyme (p)	332	Groton	312
			332		312
			1323		**1139**
	AWC	**Year 1 - 2019**		**Year 2 - 2020**	
Western	Falls Village	Salisbury (p)	90	Salisbury (p)	70
			90		70
	Newtown	Danbury (p)	342	Newtown (p)	250
		Ridgefield (p)	156	Ridgefield (p)	203
		Bridgewater	92	New Fairfield	428
		Beacon Falls	242		
			832		881
	Norwalk	Westport (p)	228	Westport (p)	200
				Norwalk (p)	275
			228		475
	Stamford	Darien (p)	39	Darien (p)	21
		Stamford (p)	174	Stamford (p)	107
		Greenwich (p)	128	Greenwich (p)	168
			341		296
	Torrington	Torrington (p)	344	Torrington (p)	396
			344		396
			1835		**2118**
	AWC	**Year 1 - 2019**		**Year 2 - 2020**	
CL&P		**5103**		**5322**	

Project Scope

Segment 1

Inspect DB infrastructure and replace fault indicators at approximately 5,322 locations. This inspection is changed from a 10 year cycle to a 15 year cycle. Also, Standards has indicated that the Manufacturer gives the existing fault indicator in stock a 20 year shelf-life.

Background / Justification:
N/A

Estimate
Project Cost Summary

	Prior Authorized	20__	20__	20__+	Totals
Capital Additions - Direct	$0	$980	$0	$0	$980
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$297	$0	$0	$297
Total - Direct Spending	$0	$1,277	$0	$0	$1,277
Capital Additions - Indirect	$0	$892	$0	$0	$892
Subtotal Request	$0	$2,169	$0	$0	$2,169
AFUDC	$0	$21	$0	$0	$21
Total Capital Request	$0	$2,190	$0	$0	$2,190
O&M	$0	$110	$0	$0	$110
Total Request	$0	$2,300	$0	$0	$2,300

Financial Evaluation

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$159	$0	$0	$159
Overtime Labor	$36	$0	$0	$36
Outside Services	$774	$0	$0	$774
Materials	$299	$0	$0	$299
Other, including contingency amounts (describe)	$8	$0	$0	$8
Total Direct Costs	**$1,277**	**$0**	**$0**	**$1,277**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$892	$0	$0	$892
Capitalized interest or AFUDC, if any	$20	$0	$0	$20
Total Indirect Costs	**$912**	**$0**	**$0**	**$912**
Total Capital Costs	**$2,189**	**$0**	**$0**	**$2,189**

Total Capital Project Costs	**$2,189**	**$0**	**$0**	**$2,189**
Total O&M Project Costs	**$111**	**$0**	**$0**	**$111**
Total Project Cost	**$ 2,300**	**$ -**	**$ -**	**$ 2,300**

Business Process and / or Technical Improvements:

This project will improve reliability by inspecting 4,969 pads and replace the same number of fault indicators.

Alternatives Considered with Cost Estimates
No alternatives

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Prelininary Engineering Approval	February 2020
Detail Design	N/A
Order Material	February 2020
Construction	March 2020

Regulatory Approvals
None

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2020	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	2020	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2020	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.	2020	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.

Storm delays	2020	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2020	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods

References

Attachments (One-Line Diagrams, Images, etc.)
none

Cost Estimate Backup Details

CD01386 - PAF Calculator.xlsm

CD01386_project_needs_statement.pdf