EVERSOURCE

Supplement Authorization Form

Project Title: Danbury [redacted] New Feeders	Project Number: 106028
Date Prepared: 05/01/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** OVERLOADS-SPECIFIC PROJECTS
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: $6,716k	**Approved In-Service Date:** Dec 2017
Supplement Request: $1,476k	**Estimated In-Service Date:** Nov 2018
Total Capital Request: $8,192k	**Authorization Type:** Supplement Request
	Reason: Cost Overage

1. Project Background

[redacted]

The supplemental request for this project is $1,476K and the full funding capital request for this project was $6,716K, bringing the total capital request to $8,192K or a 22% increase from the full funding request.

2. Supplement Justification Overview

This project incurred no scope change from full funding to supplemental. Additional labor and removal costs associated with the overhead work drove up the overall cost of the project.

3. Supplement Justification Detail

The increased labor and removal costs contributed the most to the overage this project incurred.

4. Supplement Cost Summary (Project Total)

Line-item Category	To Date Spend	Prior Authorized	Variance (Supplemental Request)	New Total Request (Add Prior Authorized and Variance)
Internal Labor and Construction Equipment	135.9	20.5	106.1	126.6
Outside Services	3,709.9	3,102.3	354.0	3,456.3
Materials	1,789.1	1,611.7	55.1	1,666.7
Removals	0.0	0.0	386.2	386.2
Risk and Contingency	160.6	0.0	160.6	160.6
Other	12.7	0.0	11.9	11.9
SUBTOTAL DIRECTS W/ RISKS	**5,808.3**	**4,734.5**	**1,073.8**	**5,808.3**
Indirect / Overhead (including benefits)	2,132.6	1,940.8	191.8	2,132.6
AFUDC	251.4	41.2	210.2	251.4
Subtotal – Indirect Costs	**2,384.0**	**1,982.0**	**402.0**	**2,384.0**
TOTAL CAPITAL REQUEST	**8,192.3**	**6,716.5**	**1,475.9**	**8,192.3**
Reimbursables/Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
PROJECT TOTAL (LESS REIMBURSABLES)	**8,192.3**	**6,716.5**	**1,475.9**	**8,192.3**

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	2015	2016	2017	2018	2019	2020	Total
Internal Labor and Construction Equipment	1.0	23.6	66.6	35.3	0.3	-0.2	126.6
Outside Services	26.5	645.3	1,818.9	962.4	9.2	-6.1	3,456.3
Materials	12.8	311.2	877.1	464.1	4.5	-2.9	1,666.7
Removals	2.9	70.0	197.2	104.3	1.0	10.8	386.2
Risk and Contingency	0.0	0.0	0.0	0.0	0.0	160.6	160.6
Other	0.1	2.2	6.2	3.3	0.0	0.0	11.9
SUBTOTAL DIRECTS W/ RISKS	**43.2**	**1,052.4**	**2,966.1**	**1,569.4**	**15.1**	**162.1**	**5,808.3**
Indirect / Overhead (including benefits)	25.3	429.5	607.8	1,209.3	-139.9	0.7	2,132.6
AFUDC	1.0	23.6	175.4	50.2	1.2	0.0	251.4
Subtotal – Indirect Costs	**26.3**	**453.1**	**783.2**	**1,259.5**	**-138.7**	**0.7**	**2,384.0**
TOTAL CAPITAL REQUEST	**69.5**	**1,505.4**	**3,749.3**	**2,828.9**	**-123.6**	**162.8**	**8,192.3**
Reimbursables/Customer Contribution	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
PROJECT TOTAL (LESS REIMBURSABLES)	**69.5**	**1,505.4**	**3,749.3**	**2,828.9**	**-123.6**	**162.8**	**8,192.3**

NOTE: All field work was completed by the end of 2018. All work in 2019 and 2020 is associated with accounting true ups.

5. Lessons Learned

Greater removal costs should be utilized in the future to account for additional circuits and pole line upgrades and replacement work.

6. Full Funding PAF

Project Authorization Form

Date Prepared: 1/9/2017	Project Title: [redacted]
Company/ies: Eversource CT	Project ID Number: 106028
Organization: Electric	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: Overload
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: Avoid overloads in various areas
Estimated in service date: 12/31/2017	If Transmission Project: NA
Supplement to Existing Authorization? No	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]

[redacted] would require a big expense on CL&P's part. [redacted] is approximately $90K per week plus fuel, adders and switching.

[redacted]

INSTALL TWO NEW FEEDERS OUT OF MIDDLE RIVER SUB

[redacted]

Approval of this option would resolve many issues as noted below:

- [redacted]
- [redacted]
- [redacted]

The ENG estimate was for $6,456k and the ACT request is for $7,127k for a total variance of $671k or 110%. The increase in cost is due to an error in the ENG estimate with respect to the amount of aerial cable required. The ENG estimate called for 31k feet where the actual footage required is 38k feet. The additional 7k feet would equate to $826k in the ENG estimating spreadsheet. A total of $1.6M has already been charged to this project in 2016.

Project Costs Summary

	Prior Authorized*	Additional Request	Total Request**	2016 Actuals	2017	Total
Capital Additions Direct	0	0	$ 4,381,096	$ 1,053,386	3,327,710	$4,381,096
Less Customer Contribution	0	0	$ -	$ -	$ -	$0
Removals Net of Salvage	0	0	$ 353,398	$ 42,203	311,195	$353,398
Total - Direct Spending	$0	$0	$ 4,734,494	$ 1,095,589	$3,638,905	$4,734,494
Capital Additions - Indirect	0	0	$ 1,940,794	$ 454,833	1,485,961	$1,940,794
AFUDC	0	0	$ 41,163	$ 24,518	16,644	$41,163
Total Capital Request	$5,939,101	$777,350	$ 6,716,451	$ 1,574,940	$ 5,141,511	$ 6,716,451
O&M	$516,000	-$105,549	$410,451	$40,871	369,580	$410,451
Total Request	$6,455,101	$671,801	**$ 7,126,902**	$ 1,615,811	$ 5,511,091	**$ 7,126,902**

** 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).

Direct Capital Costs	2016 Actuals	2017	2018	Total
Straight Time Labor	20,512	0	0	20,512
Overtime Labor	0	0	0	0
Outside Services	782,554	2,319,737	0	3,102,291
Materials	292,523	1,319,168	0	1,611,691
Other, including contingency amounts	0	0	0	0
Total	1,095,589	3,638,905	0	4,734,494

Indirect Capital Costs	2016 Actuals	2017	2018	Total
Indirects/Overheads (including benefits)	454,833	1,485,961	0	1,940,794
Capitalized interest or AFUDC, if any	24,518	16,644	0	41,163
Total	479,351	1,502,606	0	1,981,957
Total Capital Costs	1,574,940	5,141,511	0	6,716,451
Less Total Customer Contribution	0	0	0	0
Total Capital Project Costs	1,574,940	5,141,511	0	6,716,451
Total O&M Project Costs	40,871	369,580	0	410,451
Total Project Cost	1,615,811	5,511,091	0	7,126,902

Note: Explain unique payment provisions, if applicable

If this is a new business project, is a customer contribution required? If yes, please note the contribution amount.

In addition, for all electric and gas growth / new business projects, please attach the CIAC calculation

Provide other financial documentation as warranted by management and / or regulatory precedent. When performing financial analysis, use appropriate discount rate by company (can be provided by Budgeting and Internal Reporting or Financial Planning and Analysis).


106028 segs, 1,3,4,5 ACT 021717.


106028 OCRC ENG Approval.pdf


Candlewood Lake Cable Article.pdf


106028_project_needs_statement.pdf