EVERSOURCE

Operations Project Authorization Form

Project Title: [redacted] Replacement	**Project Number:** CD02894
Date Prepared: 05/11/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** Emergent Equipment Failures - Line
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** No
Project Manager: [redacted]	**Emergency Related Request?** Yes
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in-service date: 5/31/2026	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $610.2K	**Authorization Type:** Full Funding

1. Executive Summary

Project CD02894 is established to address emergent replacement of failing switchgear. [redacted]

- Due to the repeated recent failure, this project calls for replacement of the faulty switchgear to ensure customer reliability.

- Project Location
  - Division: Central
  - District: Hartford AWC
  - Town: Hartford

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2026	Total
Direct Capital Costs		
Internal Labor and Construction Equipment	30.6	30.6
Outside Services	2.4	2.4
Materials	284.6	284.6
Removals	0	0
Risk and Contingency	55.5	55.5
Other	0	0
Subtotal – Direct Costs	**373.0**	**373.0**
Indirect Capital Costs		
Indirect/Overheads (including benefits)	237.2	237.2
Capitalized interest or AFUDC, if any	0	0
Subtotal – Indirect Costs	**237.2**	**237.2**
Total Gross Capital Costs	**610.2**	**610.2**
Customer Contribution	**0.0**	**0.0**
Total Net Capital Project Costs	**610.2**	**610.2**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]

b. Project Need

- This project aims to replace faulty Vista switchgear pair with new ISG 4-way switchgear to eliminate existing and potential future faults, improve system reliability and ensure continuous, safe power delivery to customers.

c. Project Scope

[redacted]

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*	

*Maintenance, Asset condition or safety related justification: Switchgear has failed twice in the recent months proving the equipment is faulty and replacement is necessary to maintain customer reliability.

Project Option Comparison

Design Criteria	Option
	1 – ISG 4-Way Replacement
Required to meet project need	
Replace leaking switchgear	X
Authorization Type	Full
Capital Cost	$610.2K
Expense Cost	$152.6K
Total Cost	$762.8K
Preferred option	X

Option Summary

[redacted]

Other(s): Due to the urgency of this project and the recent repeated operational failures, no alternative solutions were proposed.

5. Project Schedule

Milestone/Phase Name	Estimated Date
Fully Funded	May 2026
Construction Start	May 2026
In Service Date	May 2026

6. Regulatory Decisions

N/A

7. Codes and Standards

N/A

8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2026	Medium	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	Medium	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	Medium	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	Medium	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	2025	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.

9. References

N/A

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

Attachment	Included in Submittal?
A. Switchgear Location	*YES*
B. Nomenclature Diagram	*YES*
C. Project Authorization Checklist	*YES*
D. Initial Funding PAF	*YES*





C. Project Authorization Checklist

Project Initiator: [redacted]

Project #: CD02894

Project Title: [redacted] Replacement.

Funding Type:

☐ Partial PAF ☒ Full PAF

Project Alternatives:

☐ Options considered ☒ Explanation why alternatives were not selected

☐ NWA considered ☒ Explanation why preferred option was selected

Project Requirements (Review all, and check all that apply):

NR = Not Required R=Required C = Complete

NR	R	C		NR	R	C	
☒	☐	☐	Easement	☒	☐	☐	TD007
☒	☐	☐	Trimming Estimate Received	☒	☐	☐	ROW trimming Estimate Received
☒	☐	☐	Environmental Review Initiated	☒	☐	☐	Review with Operations
☒	☐	☐	Permits (state roads)	☒	☐	☐	Underground permits
☐	☐	☒	P&C Settings	☒	☐	☐	Material long lead
☒	☐	☐	Synergi load flow	☒	☐	☐	Verify if Out-Of-Phase Tie Condition
☒	☐	☐	Add to Step Load Tracker (New Service or Load Transfer)	☒	☐	☐	TD914 Network Procedure Updated
☒	☐	☐	Network Contingency Plan Updated				

PAF Documents Attached:

☒ One Lines ☒ Geographical Map ☐ Load Projections ☐ Estimates

☒ Other Documents (List): Nomenclature Diagram

PAF Review Complete:

☐ Lead Reviewed by: _____ Date: _____

☐ Manager Reviewed by: _____ Date: _____

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Operations Project Authorization Form

D. Initial Funding PAF

Project Title: Replace failing [redacted]	**Project Number:** CD02894
Date Prepared: 04/24/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** UG CABLE & EQUIPMNT REPLACEMNT
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** No
	Emergency Related Request? Yes
Total Request: $30K	**Authorization Type:** Initial Funding

11. Project Need Statement

Project CD02894 is established to address emergent replacement of failing switchgear. [redacted]

Project Location

- Division: Central
- District: Hartford AWC
- Town: Hartford

12. Project Objectives

Replace failing switchgear.

Project Initiator:_[redacted]

Engineering Approval [redacted]