EVERSOURCE

# Supplement Authorization Form

| | |
|---|---|
| **Project Title:** [redacted] Replacement | **Project Number:** CD02894 |
| **Date Prepared:** 06/05/2026 | **Company:** Eversource CT |
| **Organization: Distribution Engineering** | **Project Category:** Emergent Equipment Failures - Line |
| **Initiating Organization:** Distribution | **Project Type:** Specific |
| **Project DDE:** [redacted] | **Capital Investment part of 5-year plan?** Yes |
| **Project Manager:** [redacted] | **Emergency Related Request?** Yes |
| **Project Sponsor:** [redacted] | **Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant) |
| **Current Authorized Amount: $610K** | **Approved In-Service Date:** 5/31/2026 |
| **Supplement Request: $ 395K** | **Estimated In-Service Date:** Project Complete |
| **Total Capital Request: $1,005K** | **Authorization Type: Supplement Request** |
| | **Reason: Cost Overage** |

## 1. Supplement Justification

- Supplemental funding is being requested for this project. The total capital request is $1,005K which is $394.8K (65%) more than the current authorized amount of $610.2K
- Labor and associated loader costs increased by $307.7K.
- Material increased by $121.9K due to additional cable needed.

## 2. Justification for Additional Resources

- Labor increased by $121.2K due to overtime required to speed up the testing and replacement of the switchgear.
- Material increased by $121.9K due to [redacted].

## 3. 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 | 151.8 | 30.6 | 121.2 | 151.8 |
| Outside Services | 0.0 | 2.4 | -2.4 | 0.0 |
| Materials | 406.5 | 284.6 | 121.9 | 406.5 |
| Removals | 0.0 | 0.0 | 0.0 | 0.0 |
| Risk and Contingency | 0.0 | 55.5 | -35.8 | 19.7 |
| Other | 3.4 | 0.0 | 3.4 | 3.4 |
| **SUBTOTAL DIRECTS W/ RISKS** | **561.7** | **373.1** | **208.4** | **581.5** |
| Indirect / Overhead (including benefits) | 423.6 | 237.2 | 186.4 | 423.6 |
| AFUDC | 0.1 | 0.0 | 0.1 | 0.1 |
| **Subtotal – Indirect Costs** | **423.7** | **237.2** | **186.5** | **423.7** |
| **TOTAL CAPITAL REQUEST** | **985.4** | **610.3** | **394.8** | **1,005.1** |
| Reimbursables/Customer Contribution | 0.0 | 0.0 | 0.0 | 0.0 |
| **PROJECT TOTAL (LESS REIMBURSABLES)** | **985.4** | **610.3** | **394.8** | **1,005.1** |



Refer to Distribution Capital Project Approval Process
JA-AM-2001-B, Rev.5
Refer to Distribution Capital Project Supplement Process
JA-AM-2001-C, Rev.3

# New Total Request by Year (if applicable)

| Line item Category | Year 2026 | Total |
|---|---|---|
| Internal Labor and Construction Equipment | 151.8 | 151.8 |
| Outside Services | 0.0 | 0.0 |
| Materials | 406.5 | 406.5 |
| Removals | 0.0 | 0.0 |
| Risk and Contingency | 19.7 | 19.7 |
| Other | 3.4 | 3.4 |
| **SUBTOTAL DIRECTS W/ RISKS** | **581.5** | **581.5** |
| Indirect / Overhead (including benefits) | 423.6 | 423.6 |
| AFUDC | 0.1 | 0.1 |
| **Subtotal – Indirect Costs** | **423.7** | **423.7** |
| | | |
| **TOTAL CAPITAL REQUEST** | **1,005.1** | **1,005.1** |
| Reimbursables/Customer Contribution | 0 | 0 |
| | | |
| **PROJECT TOTAL (LESS REIMBURSABLES)** | **$1,005.1** | **$1,005.1** |

# Full Funding PAF

| | |
|---|---|
| **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

[redacted]

### 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]

## 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* |

EVERSOURCE

## Supplement Authorization Form

[redacted]

Refer to Distribution Capital Project Approval Process
JA-AM-2001-B, Rev.5
Refer to Distribution Capital Project Supplement Process
JA-AM-2001-C, Rev.3

**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: _____

**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 |

# 1. Project Need Statement

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

Project Location

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

# 2. Project Objectives

Replace failing switchgear.

Project Initiator:_ [redacted]

Engineering Approval: [redacted]