Project Approval Form

| | |
|---|---|
| **Project Title: PRI DB Turnover** [redacted] | **Project Number:** CD02579 |
| **Date Prepared:** 11/15/2024 | **Company:** Eversource CT |
| **Organization:** Distribution Engineering | **Project Category:** DB CABLE REPLACE-SPECIFIC PROJ |
| **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:** 12/31/2024 | |
| **Total Capital Request:** $567K | **Authorization Type:** Full Funding |

# 1. Executive Summary

Full Funding is being requested for this specific project at a cost of $566.6K due to field work order 82317286 exceeding the APS-1 threshold of $500k charged to a single work order that falls under an annual project.

CD02579 was established to [redacted]

# 2. Project Cost Summary

## Financial Evaluation

| Capital Costs | 2024 | Total |
|---|---|---|
| Internal Labor and Construction Equipment | 8.2 | 8.2 |
| Outside Services | 230.1 | 230.1 |
| Materials | 14.7 | 14.7 |
| Removals | 16.7 | 16.7 |
| Risk and Contingency | 11.1 | 11.1 |
| Other | 0.2 | 0.2 |
| **Subtotal** | **281.0** | **281.0** |

| Indirect Capital Costs | 2024 | Total |
|---|---|---|
| Indirects/Overheads (including benefits) | 285.5 | 285.5 |
| Capitalized interest or AFUDC, if any | 0.1 | 0.1 |
| **Subtotal** | **285.6** | **285.6** |
| | | |
| **Total Capital Costs (Gross)** | **566.6** | **566.6** |
| | | |
| Less Total Customer Contribution | **0.0** | **0.0** |
| | | |
| **Project Costs (Net of Reimbursement)** | **566.6** | **566.6** |

3.

# 4. Technical Justification

## Background, Project Need/Justification, and Project Scope

### a. Background

This project is to replace distribution cables that have reached the end of their useful life and have failed. Cable failures have degraded the reliability for the Company's customers served by these cables.

## b. Project Need

[redacted]

## c. Project Scope

[redacted]

## 5. Alternatives Considered

There were no alternatives due to this cable faulting and then proceeding to fail the test after being spliced.

## 6. Project Schedule

Add any additional milestones that are pertinent to the project

| Milestone/Phase Name | Estimated Date |
|---|---|
| Project Initiation | July 2024 |
| Project In-Service Date | December 2024 |

## 7. Regulatory Decisions

N/A

## 8. Codes and Standards

N/A

## 9. Risk and Contingencies

| Risk Event | Risk Horizon | Likelihood of Occurrence | Risk Mitigation |
|---|---|---|---|
| Actual cost higher than estimated due to scope changes. | 2024 | Medium | Create a PAF if the Work Order cost exceeds $100k |
| Internal construction resources not available to perform the work. | 2024 | Low | Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost. |
| System abnormal configuration | 2024 | Low | Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period of time. |

Project Approval Form

| | |
|---|---|
| **Project Title: PRI DB Turnover** [redacted] | **Project Number: CD02579** |
| **Date Prepared:** 10/08/2024 | **Company:** Eversource CT |
| **Organization:** Distribution Engineering | **Class(es) of Plant:** D Line |
| **Project Initiator:** [redacted] | **Project Category:** DB CABLE REPLACE-SPECIFIC PROJ |
| **Project Manager:** [redacted] | **Project Type:** Specific |
| **Project Sponsor:** [redacted] | **Capital Investment part of 5-year plan?** No |
| | **Emergency Related Request?** No |
| **Total Request ($):** 30K | **Authorization Type:** Initial Funding |

# 10.

**References**

## 1. Project Need Statement

CD02579 was established due to FWO 82317286 exceeding the APS-1 threshold for a workorder under an annual project. Project CD02579 addresses bad underground (UG) cable that needed to be replaced due to the cable failing tests after being spliced on Ledgewood Drive in Brookfield, CT.

## 2. Project Objectives

[redacted]

Project Initiator: _____

Engineering Approval: _____