EVERSOURCE

Operations Project Authorization Form

Project Title: [redacted] Feeder Lockout (Emergent)	**Project Number:** CD02970
Date Prepared: 08/11/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Emergent Equipment Failures - Line
Operations Representative: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** No
Estimated in Service Date: 07/02/2026	**Emergency Related Request?** Yes
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution
Total Request ($): 760.1K	**NWS Excludable:** ☒ Yes ☐ No
Project Driver: Basic Business	**Authorization Type:** Full Funding

1. Executive Summary

This project has been created to address the [redacted] feeder lockout that occurred on 6/28/2026 and lasted until 07/02/2026. A total of 4 faulted locations were found to be on the feeder cables. A fault occurred on 06/28/2026 which required crews to repair a failed 3-way branch splice in [redacted]. After repairing the fault and testing the cables, another fault was then found on 06/30/2026 between [redacted] and [redacted], which required [redacted] of 2/0 PILC cable to be replaced with 4/0 EPR cable. After repairing this fault and testing the cables, another fault was then found on 07/01/2026 in [redacted], which required [redacted] of PILC cable to be replaced. Upon repairing this fault and testing the cables, an additional fault was again located between [redacted] and [redacted] on 07/02/2026, which required crews to replace [redacted] of PILC cable with new 4/0 EPR cable. The cable tested good after these repairs were made and clearance was released. Due to the extent of this work, the total cost under WO#80567966 exceeded $500K, requiring a capital project.

Location Information:

Division: Western
District: Stamford
City: Stamford

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	July YTD 2026 Actual	Total
Direct Capital Costs		
Internal Labor and Construction Equipment	224.4	224.4
Outside Services	7.9	7.9
Materials	9.8	9.8
Removals	0.0	0.0
Risk and Contingency	14.9	14.9
Other	4.0	4.0
Subtotal – Direct Costs	**261.0**	**261.0**
Indirect Capital Costs		
Indirect/Overheads (including benefits)	498.3	498.3
Capitalized interest or AFUDC, if any	0.9	0.9
Subtotal – Indirect Costs	**499.2**	**499.2**
Total Gross Capital Costs	**760.1**	**760.1**
Customer Contribution	0.0	0.0
Total Net Capital Project Costs	**760.1**	**760.1**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

The [redacted] is an UG feeder emanating from the [redacted]. It feeds the [redacted] and dual primary switchgear schemes. The [redacted] has approximately [redacted] of UG cable, with about [redacted] of UG cable being PILC. The [redacted] experienced a feeder lockout on 6/28/2026 that required multiple repairs over the span of approximately five days. Despite repairing the initial fault, three additional faults occurred which required immediate repairs.

b. Project Need

Due to the extent of these repairs and the duration required to resolve each fault, the total cost of this work exceeded $500K, requiring a capital project.

c. Project Scope

This project consists of the following:

1. [redacted]
2.
3.
4.

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: Work required to repair four faults causing a feeder lockout on South End 1G08 from 6/28/2026 to 7/2/2026.

Option Summary

One alternative was to do nothing. This option was not selected as it did not address the faults on the 1G08 causing the feeder lockout.

5. Project Schedule

Add any additional milestones that are pertinent to the project

Milestone/Phase Name	Estimated Date
Construction Start	June 2026
In Service Date	July 2026
Fully Funded	Aug 2026

6. Regulatory Decisions

This project complies with any and all applicable regulatory requirements.

7. Codes and Standards

This project was designed in accordance with Eversource's Distribution System Engineering Manual (DSEM) and Overhead & Underground Distribution Standards (DTR).

8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2026	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	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	Low	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	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	High	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.

9. References

References

Refer to Distribution Tri-State Capital Project Approval Process
JA-DE-2026-A, Rev.0
June 8, 2026

1. Underground Standards

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

Attachment	Included in Submittal?
A. Cost Estimate	*YES*
B. Event Details	*YES*
C. Geographic Map	*YES*
D. Repair site Image	*YES*

Attachment A: Cost Estimate

Connecticut Light & Power
A Northeast Utilities Company

Project Design Alternative: 1
Project: CD02970 [redacted]r Lockout

Design Alternative CD02970-01

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	0.00%
SubTotal:	$703,045
Contingency Amount:	$0
Estimate:	$703,045
Reimbursement:	$0
Net Amount:	**$703,045**
Description:	

Item Description	CU	$ / Per	Qty	Amount
OTHER OTHER Actuals	[redacted]			$681,600.00
OTHER OTHER Expense				$21,445.00

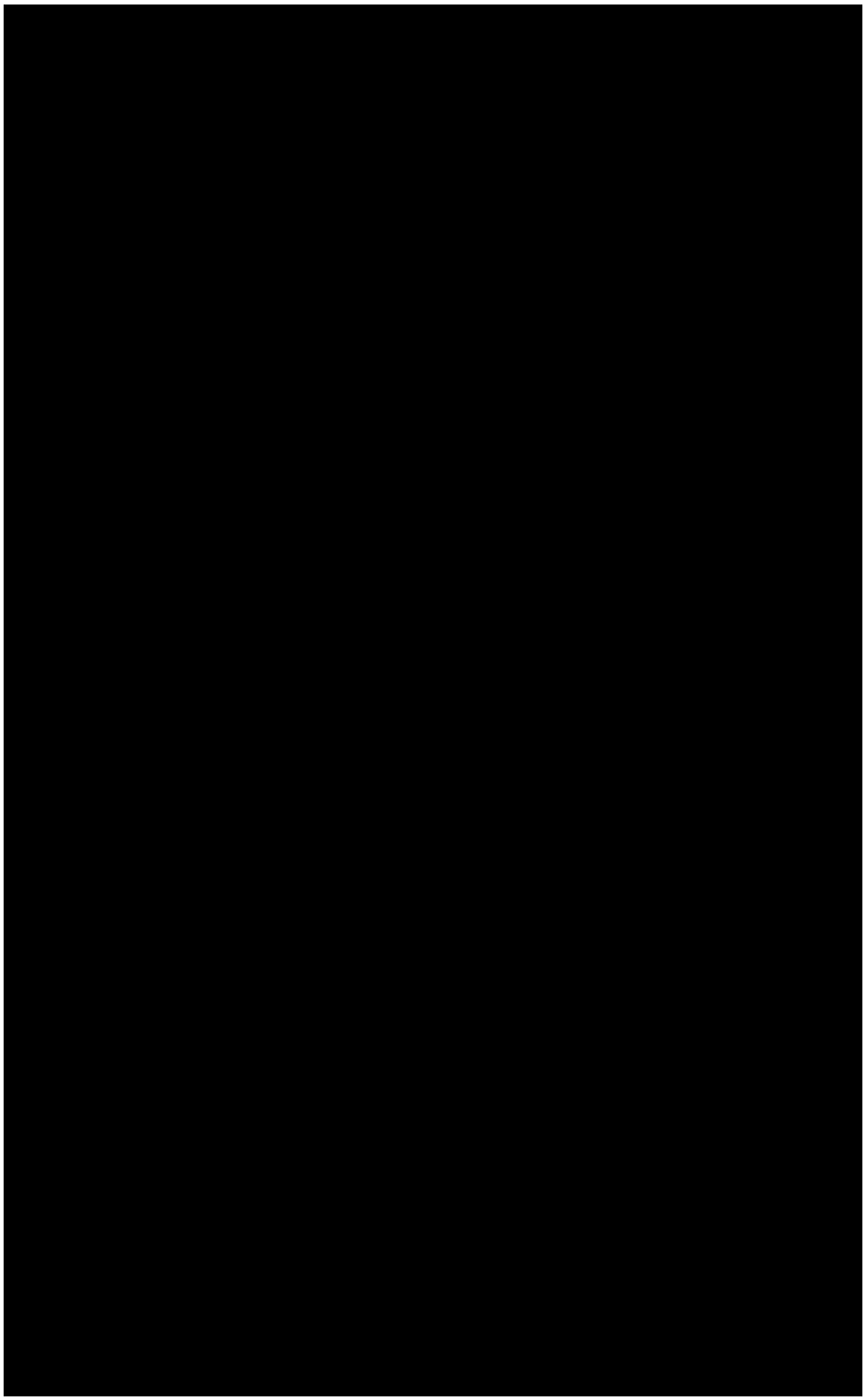
Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes

Attachment B: Event Details

Step	Time	Device
Event # 5978244		
1	06/28/2026 18:07	[redacted]ockout
2	06/29/2026 00:48	Fault located in [redacted]
	06/30/2026 00:45	Repairs made in [redacted]
3	06/30/2026 17:45	Fault located between [redacted] and [redacted]
	06/30/2026 18:58	Repairs made between [redacted] and [redacted]
4	07/01/2026 04:44	Fault located in [redacted]
	07/01/2026 17:50	Repairs made between [redacted] and [redacted]
5	07/02/2026 00:20	Fault located between [redacted] and [redacted]
	07/02/2026 16:33	Repairs made between [redacted] and [redacted]
6	07/02/2026 18:04	Cable tested good, clearance released.

Attachment C: Geographic Map



Attachment D: Repair site image

