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Operations Project Authorization Form

Approved on June 5, 2025 EPAC

Link to Meeting Minutes

Project Title: [redacted] **Refurbish**	**Project Number: CS00721**
Date Prepared: 05/22/2025	**Company: Eversource CT**
Organization: Asset Management	**Class(es) of Plant: D SS**
Project Initiator: [redacted]	**Project Category: Stations - General**
Managing Organization: Operations	**Schedule ID#: N/A**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Capital Investment part of original Op Plan: No**
Estimated in service date: 4/8/2025 (completed)	**Emergency Related Request? Yes**
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☐ local PTF ☒ Distribution ☐ N/A (General Plant)
EJ Community: No	**Authorization Type: Full Funding**
Total Capital Request: $947K	

[1] Executive Summary

This project is requesting full funding in the amount of $947K to transfer charges from an Emergent Annual project to a specific project for a completed project at the [redacted]

This work was completed in April 2025 under work order (WO) 80226514 (DSEQ25: CT D SS Emergent Annual – Reference 1). This Project Authorization Form (PAF) provides the documentation necessary to transfer the capital charges from the CT D SS Emergent Annual project to project number CS00721 as the direct charges exceed the emergent annual work order limit imposed by the APS-01 (Reference 2) at the time of the project and in accordance with policies outlined in Capital Project Approval Process Job Aid JA-AM-2001-A (Reference 3).

[redacted] Assessment by Station Operations determined that the bus duct could not be returned to service and required refurbishment by an

outside vendor. CT Operations initiated WO 80226514 in January 2025 to refurbish the [redacted]. The refurbished bus duct was placed in service in April 2025.

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[2] Project Costs Summary

Note: Dollar values are in thousands and rounded to nearest thousand

Line item Category	Prior Authorized	Actuals to Date	2025 to Go	2026	Total Request
1. ROW / Easements / Land Acquisition	$	$0	$	$	$
2. Environmental Approvals / Permits	$	$0	$	$	$
3. Outreach	$	$0	$	$	$
4. Siting Approvals / Permits	$	$0	$	$	$
5. Engineering / Design	$	$3	$	$	$3
6. Materials (Eversource purchased)	$	$2	$	$	$2
7. Construction (incl materials by contractors)	$	$379	$	$	$379
8. Testing / Commissioning	$	$1	$	$	$1
9. Project Mgmt Team	$	$0	$	$	$
10. Removals	$	$96	$	$	$96
11. Other	$	$0	$	$	$
12. Risks	$	$0	$30	$	$30
SUBTOTAL DIRECTS W/ RISKS	**$**	**$482**	**$30**	**$**	**$512**
13. Indirects/Overhead	$	$373	$	$	$373
14. AFUDC	$	$1	$61	$	$62
PROJECT TOTAL – BASELINE BUDGET	**$**	**$856**	**$91**	**$**	**$947**
15. Contingency	$	$0	$	$	$
TOTAL CAPITAL REQUEST	**$**	**$856**	**$91**	**$**	**$947**
16. Reimbursables/Customer Contribution	$	$0	$	$	$
PROJECT TOTAL (LESS REIMBURSABLES)	**$**	**$856**	**$91**	**$**	**$947**
O&M	$	$0	$	$	$
TOTAL REQUEST	**$**	**$856**	**$91**	**$**	**$947**

Detail other costs, project risk items and their allocations:

Risk	Allocation
1. Additional charges from outstanding Invoices, closeout activities, and cost journaling	$30K
Total	$30K

Explain unique payment provisions, if applicable: N/A

Identify and detail any unique O&M impacts resulting from this project: N/A

[3] Technical Justification

Project Need, Objective and Justification

This project began as an emergent refurbishment of the [redacted] associated with the [redacted] On December 29, 2024, [redacted]
The investigation determined that water intrusion had caused the bus duct to fail, and the bus duct would require refurbishment.

The objective of this PAF is to transfer costs from the CT D SS Emergent Annual project to this new project upon approval.

Project Scope

The scope of this project included the refurbishment of the failed 15kV bus duct due to water intrusion on the [redacted] transformer and included the following:

- Removed [redacted] and transported to vendor.
- Refurbishment of the [redacted]
- Refurbished [redacted] transported back to [redacted] and re-installed with [redacted].
- New gaskets provided for all bolted/removable covers.
- New heaters provided throughout [redacted]
- New ball studs for grounding installed.
- Asbestos contractor removed mastic from [redacted] bar joints.
- Testing and commissioning of the equipment.

The scope of work listed above was completed, and the new [redacted] was placed in service on April 8, 2025.

Background

The [redacted] on December 29, 2024, causing an [redacted]. The damage to the [redacted] assessed, and an outside vendor was brought in to refurbish the [redacted] The [redacted] was placed in service on April 8, 2025.

[4] Alternatives Considered

No alternatives were considered as the [redacted] was deemed an emergent project and required replacement.

[5] Project Schedule

Milestone	Scheduled Completion Date
Emergent WO Initiated	January 2025
SDC Approval (for applicable projects)	N/A
Conversion of Tx development costs, 183 to 107 (applicable to projects that require SSF approval and/or ISO preferred alternative selection)	N/A
EPAC Partial Funding Approval (for applicable projects)	N/A
Preliminary Design Completion (or latest pre-full funding design phase)	N/A
EPAC Full Funding Approval	June 2025
Siting Approval (for applicable projects)	N/A
Start of Construction	January 2025
Project In-Service Date (ISD)	April 2025
Project Need Date (for applicable projects)	N/A
ISO Related Milestones: (for applicable projects)	
• ISO Preferred Alternative Selected	N/A
• PAC Presentation	N/A
• TCA Submittal	N/A

A P6 schedule is not needed for this emergent project.

[6] Regulatory Approvals

No regulatory approvals were required for this completed refurbishment project.

EJ Community Considerations:

Project is not located within an Environmental Justice (EJ) Community.

[7] Risk and Risk Mitigation Plans

Contingency:

N/A – Project has been completed.

Risk Mitigation:

Risk	Mitigation
1. Additional charges from outstanding invoices, closeout activities, and cost journaling	Allocation of $30K to cover any variation in accounting indirect charges during project closeout and cost journaling.
Total	

[8] References

References
1. DSEQ25 – CT D SS Emergent Annual, WO 80226514, initiated in January 2025
2. APS-01, 1/1/2022
3. Capital Project Approval Process Job Aid JA-AM-2001-A, 6/1/2022

[9] Attachments (One-Line Diagrams, Images, etc.)

Attachment	Included in Submittal?
A. CS00721 – Actuals into WBS_rev13a – 5.21.25	*YES*

INSTRUCTIONS:
It is the responsibility of the initiator to contact the subject matter experts in the listed area disciplines to determine if the project considerations contained in this list are applicable to their project. They should fill out the checklist and determine a transition plan for the purpose of project execution. See the PAF Guide for additional instruction.

Project Checklist - Transmission & Substation Capital Project

Project Name: [redacted] **Refurbish**

Project Number: CS00721

Facility Type:
☐BPS ☐BES ☐PTF ☐local PTF ☐non-PTF ☐CIP ☒Distribution ☐General Plant ☐CONVEX ☐SCADA

PLANNING	
Is a NX-9 required?	No
Is an ISO-NE PAC presentation required?	No
ISO-NE Presentation Date (if completed):	N/A
Cost in ISO-NE Presentation ($M) (if completed):	N/A
Is a PPA required?	No
ISO-NE Approval Date (if completed):	N/A
Is a TCA Application Required?	No
TCA Submittal Date (if submitted):	N/A
Cost in TCA Submittal ($M) (if submitted):	N/A
Enter ISO-NE RSP / Asset Condition ID, if assigned:	N/A
PLANNING/PROTECTION & CONTROLS	
Are RAS/SPS/UVLs affected?	No
OPERATIONS	
Outage Required?	☐ Primary Equipment (Power Transfer) ☐ Secondary Equipment (P&C only) ☒ Outage Not Required
Do SCLL Conditions Exist?	No
Has an outage schedule been approved?	No
Are Operations & Maintenance procedures/training required?	No
STANDARDS	
Does the project include standard equipment and designs?	Yes
SUBSTATION ENGINEERING	
Does this impact Revenue Metering	No
Is preliminary short circuit/ breaker duty analysis required?	No
Are there any changes to the baseline audible noise?	No
Is there an impact to the existing ground grid?	No
Is a Transient Over Voltage (TOV) analysis required?	No

Project Checklist - Transmission & Substation Capital Project

Project Name: [redacted] Refurbish	Project Number: CS00721

P&C ENGINEERING	
OP-22 - Are PMUs and DDR required?	No
If BPS, is an NPCC Directory #4 presentation required?	No
Are ISO-NE OP-24 Appendix B updates necessary?	No
TRANSMISSION LINE ENGINEERING	
Are there any changes that affect the baseline EMF?	No
Are there any changes that affect the baseline EMI?	No
SITING	
Has Siting reviewed this project?	No
Name of Siting contact:	N/A
Is a Siting filing required? *(If yes, list in regulatory approvals section)*	No
PERMITTING	
Is there any permitting required? *(If yes, list in regulatory approvals section)*	No
PROJECT SERVICES (OUTREACH) and ROW WORK COORDINATION	
Has Project Services reviewed this project?	No (Choose an item)
Name of Project Services contact:	N/A
What is the level of outreach expected?	None
Has ROW Coordination reviewed this project?	No
Is this project coordinating with other existing scheduled work?	No
ENVIRONMENTAL JUSTICE COMMUNITIES	
Has the Equity and Environmental Justice team reviewed this project?	N/A
Name of Equity and Environmental Justice contact:	N/A
Is any part of this project in an Environmental Justice Community?	No
Was the Equity Framework Checklist completed?	N/A
Has enhanced outreach required per State Regulatory requirements been completed?	N/A
INITIATOR	
Has a field constructability review been completed?	No

Project Checklist - Transmission & Substation Capital Project	
Project Name: [redacted] Refurbish	**Project Number: CS00721**
INVESTMENT RECOVERY	
Does the project require development of an Investment Recovery plan?	No
COST ESTIMATING	
What team/firm prepared the cost estimate?	Other (specify below)
Name of the person who prepared the estimate:	Asset Management - Actuals
Was the estimate reviewed by Eversource Estimating?	No

Project Number: DSEQ25 Project Title:

Date of Actuals 5/1/2025 **PAF (dollars in thousands)**

	Line item Category	Prior Authorized	Actuals to Date	2025 to Go	2026	2027	2028	2029	2030	Total
1	1. ROW / Easements / Land purchases		$0							$0
2	2. Environmental Approvals / Permits		$0							$0
3	3. Outreach		$0							$0
4	4. Siting Approvals / Permits		$0							$0
5	5. Engineering / Design		$3							$3
6	6. Materials (Eversource purchased)		$2							$2
7	7. Construction (incl matl's by contractors)		$379							$379
8	8. Testing / Commissioning		$1							$1
9	9. PMT Project Mgmt Team		$0							$0
10	10. Removals		$96							$96
11	11. Other		$0							$0
12	12. Risks		$0	$30						$30
	Project Directs Total w/Risks	**$0**	**$482**	**$30**						**$512**
13	13. Indirects/Overhead		$373							$373
14	14. AFUDC		$1	$61						$62
	Project Total - Baseline Budget	**$0**	**$856**	**$91**						**$947**
15	15. Contingency		$0							$0
0	#N/A									
	Project Total - Funding Approval Level	**$0**	**$856**	**$91**						**$947**
16	16. Reimbursables/Customer Contribution		$0							
	#N/A									
	Project Total (less reimbursables)	**$0**	**$856**	**$91**						**$947**
	Total O&M		**$0**							
	TOTAL REQUEST	**$0**	**$856**	**$91**						**$947**

Breakout costs incl above **PAF (dollars in thousands)**

1	ST Labor	$0	$26							$382
2	OT Labor	$0	$0							$0
3	Outside services - Labor	$0	$453							$0
4	Materials (All materials incl. outside service purchased which is shown in constr. above)	$0	$2							$2
5	Removals	$0	$96							$96
6	Other	$0	$0							$2
7	Indirects	$0	$373							$373
8	AFUDC	$0	$1							$1
	TOTAL CAPITAL REQUEST - with out Reimbursables	**$0**	**$952**							