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Operations Project Authorization Form

Approved on February 27, 2025 EPAC

Link to Meeting Minutes

Project Title: [redacted]	**Project Number: CS00716**
Date Prepared: 02/21/2025	**Company: Eversource CT**
Organization: Asset Management	**Class(es) of Plant: D SS**
Project Initiator: [redacted]	**Project Category: Stations - Circuit Breakers**
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: January 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: Yes	**Authorization Type: Full Funding**
Total Capital Request: $585K	

[1] Executive Summary

This project is requesting full funding in the amount of $585K for a completed project at the [redacted]

This work was completed in January 2025 under work order (WO) 80200805 SEQ24: CT DSS Emergent Annual (Reference 1). This Project Authorization Form (PAF) provides the documentation necessary to transfer the capital charges from the CT D SS Annual project to project number CS00716, as the charges exceed the emergent WO limit imposed by the APS-01 (Reference 2).

The [redacted] was identified in November 2024 as [redacted]. After further assessment and testing, it was recommended that the [redacted] CT Station Operations also determined that this [redacted] CT Operations initiated the above listed WO in November 2024 to [redacted]. The [redacted] was placed into service in January 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	$	$	$0
2. Environmental Approvals / Permits	$	$0	$	$	$0
3. Outreach	$	$0	$	$	$0
4. Siting Approvals / Permits	$	$0	$	$	$0
5. Engineering / Design	$	$10	$	$	$10
6. Materials (Eversource purchased)	$	$42	$	$	$42
7. Construction (incl materials by contractors)	$	$113	$	$	$113
8. Testing / Commissioning	$	$53	$	$	$53
9. Project Mgmt Team	$	$0	$	$	$0
10. Removals	$	$42	$	$	$42
11. Other	$	$0	$	$	$0
12. Risks	$	$0	$10	$	$10
SUBTOTAL DIRECTS W/ RISKS	**$**	**$259**	**$10**	**$**	**$269**
13. Indirects/Overhead	$	$313	$	$	$313
14. AFUDC	$	$3	$	$	$3
PROJECT TOTAL – BASELINE BUDGET	**$**	**$575**	**$10**	**$**	**$585**
15. Contingency	$	$0	$	$	$
TOTAL CAPITAL REQUEST	**$**	**$575**	**$10**	**$**	**$585**
16. Reimbursables/Customer Contribution	$	$0	$	$	$
PROJECT TOTAL (LESS REIMBURSABLES)	**$**	**$575**	**$10**	**$**	**$585**
O&M	$	$0	$	$	$
TOTAL REQUEST	**$**	**$575**	**$10**	**$**	**$585**

Detail other costs, project risk items and their allocations: N/A

Risk	Allocation
1. Additional charges from closeout activities and cost journaling	$10
Total	$10

Explain unique payment provisions, if applicable: N/A

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

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[3] Technical Justification

Project Need, Objective and Justification

This project began as an emergent replacement of the [redacted] The [redacted] and the recommendation from CT Operations was to [redacted] The [redacted] according to CT Operations. [redacted] The team identified that the [redacted] Operations and Engineering performed an analysis and determined that a [redacted] would be a suitable and preferred option. The [redacted] The objective of this PAF is to transfer costs from the CT D SS Emergent Annual WO 80200805 to this new project upon approval.

Project Scope

The scope of this project included the removal of the [redacted] and replacement with a [redacted] and included the following:

- Engineering and design
- Removal of existing [redacted]
- Transportation, installation and testing of [redacted] used during replacement to mitigate risk of customer outages
- Delivery and installation of new [redacted]
- Testing and commissioning of new equipment

The scope of work listed above was completed and the new [redacted] ([redacted] was placed in service in January 2025.

Substation Equipment

Station	Device Position / Nomenclature	Device Removals *include manufacturer*	Device Additions *include manufacturer*
[redacted]	[redacted]	[redacted]	[redacted]
		N/A	

Background

This project was originally an emergent [redacted] under the approved CT DSS Emergent Annual project (DSEQ24). [redacted] CT Station Operations replaced the inoperable [redacted]

[4] Alternatives Considered

There were no alternatives considered, as this was an emergent project that started and completed under CT D SS Emergent Annual WO 80200805.

[5] Project Schedule

Milestone	Scheduled Completion Date
Work Order Initiated	November 2024
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	February 2025
Siting Approval (for applicable projects)	N/A
Start of Construction	November 2024
Project In-Service Date (ISD)	January 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

[6] Regulatory Approvals

This project is complete and there were not any Regulatory or EJ Community concerns as the replacement was within the existing substation and did not affect the surrounding community.

[7] Risk and Risk Mitigation Plans

Contingency:

N/A – Project has been completed.

Risk Mitigation:

Risk	Mitigation
1. Additional charges from closeout activities and cost journaling	Risk allocation is included to cover any variation in accounting indirect charges during project closeout and cost journaling.

[8] References

References
1. DSEQ24 – CT D SS Emergent Annual, WO 80200805, initiated in November 2024
2. APS-01

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

Attachment	Included in Submittal?
A. Actuals [redacted]	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]

Project Number: CS00716

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?		NR	
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]

Project Number: CS00716

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?	No
Name of Equity and Environmental Justice contact:	N/A
Is any part of this project in an Environmental Justice Community?	Yes
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]	**Project Number: CS00716**
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: DSEQ24 Project Title:

Date of Actuals 2/1/2025 **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		$10							$10
6	6. Materials (Eversource purchased)		$42							$42
7	7. Construction (incl matl's by contractors)		$113							$113
8	8. Testing / Commissioning		$53							$53
9	9. PMT Project Mgmt Team		$0							$0
10	10. Removals		$42							$42
11	11. Other		$0							$0
12	12. Risks		$0	$10						$10
	Project Directs Total w/Risks	**$0**	**$259**	**$10**						**$269**
13	13. Indirects/Overhead		$313							$313
14	14. AFUDC		$3							$3
	Project Total - Baseline Budget	**$0**	**$575**	**$10**						**$585**
15	15. Contingency		$0							$0
0	#N/A									$0
	Project Total - Funding Approval Level	**$0**	**$575**	**$10**						**$585**
16	16. Reimbursables/Customer Contribution		$0							$0
	#N/A									$0
	Project Total (less reimbursables)	**$0**	**$575**	**$10**						**$585**
	Total O&M		**$0**							**$0**
	TOTAL REQUEST	**$0**	**$575**	**$10**						**$585**

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

1	ST Labor	$0	$196							
2	OT Labor	$0	$0							
3	Outside services - Labor	$0	$21							
4	Materials (All materials incl. outside service purchased which is shown in constr. above)	$0	$42							
5	Removals	$0	$42							
6	Other	$0	$0							
7	Indirects	$0	$313							
8	AFUDC	$0	$3							
	TOTAL CAPITAL REQUEST - with out Reimbursables	**$0**	**$617**							