Operations Project Authorization Form

Project Title: Berlin Training Substation	**Project Number: BERLINTRNSUB24**
Date Prepared: 04/17/2026	**Companies:** Eversource CT and Eversource WMA
Organization: Operations Services	**Class(es) of Plant:** Other
Project Initiator: [redacted]	**Project Category:** Annual - General
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Yes
Estimated in service date: 12/31/2025	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☐ Distribution
Total Gross Capital Request: $1,938,000	**Authorization Type:** Full Funding

Executive Summary

This project will allow Electric Training to invest in training assets at the Berlin training complex to meet employee skills training expectations. The equipment will support the delivery of comprehensive hands-on training for station operations field personnel. The training assets include equipment installations of circuit breakers and substation simulator panels, all representative of the equipment the personnel are confronted with on their day-to-day work tasks.

Project Costs Summary

.

Note: Dollar values are in thousands

Capital Costs	Year 2024	Year 2025	Year 2026	Total
Direct Capital Costs				
Internal Labor	-	-	-	$ -
Outside Services	212	542	12	$ 765
Materials	141	543	488	$ 1,172
Removals	-	-	-	$ -
Risk and Contingency	-	-	-	$ -
Other	(2)	(6)	(0)	$ (8)
Subtotal	$ 351	$ 1,078	$ 500	$ 1,930
Indirect Capital Costs				
Indirect/Overheads (including benefits)	2	7	0	$ 8
Capitalized interest or AFUDC, if any	-	-	-	$ -
Subtotal	$ 2	$ 7	$ 0	$ 8
Total Capital Project Costs	**$ 353**	**$ 1,085**	**$ 500**	**$ 1,938**

Costs by Entity	11:CL+P - Distribution dba Eversource Energy	41:NSTAR Elect-West - Distribution dba Eversource Energy	**Total**
Direct Capital	1,640	290	$ 1,930
Indirect Capital	8	1	$ 8
Removal net of salvage	-	-	$ -
Total Capital Project Costs by Entity	**$ 1,647**	**$ 291**	**$ 1,938**

Technical Justification:

Project Need, Objective and Justification
The training spaces in Berlin that are set up for station operations personnel training include lab and outdoor yard areas. The outdoor yard is to serve as a training substation by creating the environment of an energized substation without the risks of energized high voltages present. The environment must include a variety of commonly used equipment allowing employees to train in immersed hands-on experiences that are similar to on-the-job experiences. On an annual basis, assets are added to this training yard to increase the training opportunities for developing and qualified employees.

This training is necessary to assure employees are skilled and prepared for daily operations and maintenance tasks. Circuit Breakers are common in substations and the number of circuit breaker assets in-service represent a wide variety of manufacturers and models. This project will add several more models of circuit breakers to the training yard to develop diverse experiences through training. Substation control and protection panels are the interfaces through which the employees operate the substation. This project will add simulator panels allowing full functionality and complexity of an in-service substation.

The strategic approach to these training asset installations is to create controlled environments allowing developing employees to learn and practice needed job skills in scenarios representative of the work environment. As developing employee skills emerge, this infrastructure will allow them to be challenged and evaluated at higher levels. These efforts support existing union training agreements for each related work function.

Project Scope
The scope encompasses the procurement and installation of electric substation apparatus to include circuit breakers and related switchgear, substation protection and control panels, communications and networking equipment, and maintenance test sets.

Background
Union-management progression training agreements identify the topics, tasks, and timelines that field employees must successfully complete and be assessed and evaluated on for each step of their apprenticeship. Additionally, Eversource safety policies and work procedures identify requirements to be met for safe work performance. The Electric Training department seeks to achieve facility installations in support of these requirements and the curriculum materials to meet comprehensive training expectations.

Alternatives Considered:

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Alternatives were considered (please describe below)
The alternatives include securing decommissioned substation assets for training purposes that are taken from service due to system improvements. Some of these decommissioned assets are representative of the types of equipment that are still in service across the system and therefore we do add them in our training facilities. On occasion, the reason for the system improvement is that the condition of the decommissioned asset is one that won't lend itself to be effective for training. Nonetheless, this is a continually pursued and successful path for training assets yet gaps in particular types of equipment still exist.

Regulatory Approvals:

Are Regulatory body approvals needed for the project?
No

If yes, provide detailed regulatory approvals

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	December 2023
Construction Start	January - December 2024
Testing/Commissioning	January – December 2025
In Service Date	December 2025

Risks and Risk Mitigation Plans

List top risks and mitigation plans associated with this project. Include any contingency related to each risk. (Permitting/siting; environmental; outage constraints; customer/community outreach; material delivery; constructability challenges; excavation; etc.)

There is very minimal risk if any. The assets to be procured for training are representative of the assets in-service on the system and are from the same or similar manufacturers. The assets will not be placed in service and pose no operating risks. These are durable assets that will serve their purpose in training through the duration of the investment period. These items are selected with the input of the Engineering and Operating groups.