Operations Project Authorization Form

Project Title: 2023 CT Electric Distribution Fleet Vehicle Capital Program	**Project Number: CTEDVH23**
Date Prepared: 01/03/2023	**Company:** Eversource CT
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: 01/01/2023	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☐ Distribution
Total Capital Request: $24,091,053	**Authorization Type:** Full Funding

Executive Summary

An authorization of $24,091,053 is requested to approve projects for the purchase of vehicles for the CT Electric Distribution line of business. The overall Fleet Vehicle Capital Program (FVCP) is designed to provide safe, reliable, and cost-effective vehicle operation. The FVCP is designed to ensure Eversource's vehicles are reliable and right sized.

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.
Note: Dollar values are in thousands

Capital Costs	Year 2023__	Year 20__	Year 20__+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment				
Outside Services				
Materials	$23,850,142			
Removals				
Risk and Contingency				
Other				
Subtotal				
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$240,911			
Capitalized interest or AFUDC, if any				
Subtotal				
Total Customer Contribution				
Total Capital Project Costs	**$24,091,053**			

Technical Justification:

Project Need, Objective and Justification

As New England's clean energy catalyst, Eversource will lead by example and minimize the environmental footprint of its vehicle fleet. JEMS (jobsite energy management system) is expanding the program to include 41 new Material Handler JEMS units. In addition, Eversource will purchase 8 Digger Derricks 5 Utility Body Pick-ups, 2 Cargo Vans and 4 Large 4 x 4 Canopy Freightliners. The proposed plan is to electrify 100% of Eversource's fleet of 55' and 41' material handling bucket trucks by 2030.

Project Scope

The Fleet Vehicle Capital Program strategically replaces vehicles to improve reliability and mitigate long term costs that would arise from vehicle breakdown and user down-time. Vehicle replacement, in conjunction with vehicle standardization, improves vehicle reliability, appearance, and lowers cost.

The FVCP is managed proactively with a standard approach across Operating Companies. Vehicles to be replaced are identified annually as a component to the program. Vehicle replacements are prioritized based on age, condition, and need across the fleet.

Background

Vehicle age, condition, and applicability to vehicle's use are reviewed to determine replacement need.
Potential vehicle purchase types are evaluated for cost and right size for work tasks.
Current fleet make-up is reviewed to determine vehicles that can be repurposed prior to purchasing new vehicles.
Standardized vehicles are purchased.

Alternatives Considered:

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

Project is a compliance obligation - no alternatives considered - no financial benefit

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	
Construction Start	
Testing/Commissioning	
In Service Date	

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.)

References

Appendices (One-Line Diagrams, Images, etc.)

Reference appendices items in the appropriate section of the PAF and list items in the same order as referenced in the PAF