Appendix 2
Operations Project Authorization Form

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Project Title: CT Annual Meter Project for 2023	**Project Number: CTMTR23**
Date Prepared: 02/16/2023	**Company:** Eversource CT
Organization: Operations Services	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Annual - General
Project Manager: [redacted]	**Project Type:** Annual
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Yes
Estimated in service date: 12/31/2023	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☐ Distribution
Total Gross Capital Request: $16,794,242	**Authorization Type:** Full Funding

Executive Summary

An authorization of $16,794,242 is requested to approve the project for the purchase of electric meter in 2023 in Connecticut. The overall meter capital program is designed to provide accurate, reliable, and cost-effective metering plant operation. Prior to determining new meter purchase needs, the current meter inventory is reviewed by the Meter Operations team to identify meters that can be re-used, where feasible.

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	3,543.962			3,543.962
Outside Services	580.000			580.000
Materials	10,524.582			10,524.582
Removals				
Risk and Contingency				
Other				
Subtotal – Direct Costs	14,648.544			14,648.544
Indirect Capital Costs				
Indirect/Overheads (including benefits)	2,145.698			2,145.698
Capitalized interest or AFUDC, if any				
Subtotal – Indirect Costs	2,145.698			2,145.698

Total Gross Capital Costs				
Customer Contribution				
Total Net Capital Project Costs	**16,794.242**			**16,794.242**

Technical Justification:

Project Need, Objective and Justification

The overall meter capital program is designed to provide accurate, reliable, and cost-effective metering plant operation. Meters are removed, replaced, or installed to meet the needs of the organization. Prior to determining new meter purchase needs, the current meter inventory is reviewed by the Meter Operations team to identify meters that can be re-used, where feasible.

Project Scope

The electric meter capital program strategically replaces meters to improve reliability and mitigate long term costs that would arise from meter failures due to age or reduction in requirements in the following instances:

- New customer construction, upgrades, and/or expansion
- Meter exchanges – Meter age, condition, and connectivity (in the case of cellular meters) impact metering accuracy; exchanges are prioritized based on accuracy performance, age, and condition and are performed to ensure compliance with regulatory requirements on meter accuracy standards

Background

Alternatives Considered:

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

Project is a compliance obligation - no alterntives 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

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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

If the project has future financial benefits, please use the following table to provide the yearly amounts.

Financial Benefits	Year 20__	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Other				
Total Financial Benefits				

Describe the estimated future Capital, O&M and/or Other benefits noted above:

What functional area(s) will these benefits be reflected in?_____

A representative from the respective functional area is required to be included as a project approver.