Operations Project Authorization Form

Project Title: NEW SERVICE TOLLAND	**Project Number: DN5T21**
Date Prepared: 10/03/2023	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** SPECIFIC PROJECTS-NEW SRVCE
Project Manager: [redacted]	**Project Type:** Specific
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 X Distribution
Total Gross Capital Request: $344K	**Authorization Type:** Full Funding

Executive Summary

This request is for the approval of $344k for construction costs required to serve new customers, upgrade service to existing customers or to [redacted]

New customer work refers to a customer who requires an initial service installation or street/area light installation. This includes new line extensions (primary and or secondary), conversions, reconductoring or line relocation required to provide the customer with their initial service or with new street/area lighting facilities.

Existing customer load additions refers to an existing customer whose service must be upgraded due to increased load. This includes new line extensions, conversions, reconductoring, and or line relocations to increase capacity to an existing customer.

General load growth refers to construction required to upgrade distribution facilities due to general load growth that cannot be attributed to a specific customer. This includes new line extensions, conversions, reconductoring, and or line relocations required to increase capacity due to general load growth. This does not include construction required to maintain voltage within required regulatory limits.

This covers overhead, duct, and direct buried construction.

Project Costs Summary

WO NUMBER	WO DESCRIPTION	PROJECT DEPT CODE	PROJECT	PROJECT DESCRIPTION	WO IN SRV DATE	WO INIT DATE	Total Amount (K)
80143414	[redacted] 3	2BB	DN5T	NEW/EXISTING CUSTMRS [redacted]	12/6/2022	8/30/2021	$157
80160592	[redacted]	2BB	DN5T	NEW/EXISTING CUSTMRS [redacted]		12/2/2021	$187
Total							$344

Work Order 80143414 consisted of [redacted]

Work Order 80160592 consisted of [redacted]

Technical Justification:

Project Need, Objective and Justification

It is necessary to perform this work to serve new customers, upgrade services to existing customers, and or to [redacted]
Construct new line extensions (primary and or secondary) conversions, reconductoring, or line relocation required to provide the customer with a new service, an upgraded service, or increase circuit capacity.

Project Scope

New customer work for a customer who requires an initial service installation or street/area light installation. Existing customer load additions for an existing customer whose service must be upgraded due to increased load. General load grown for upgrading distribution facilities due to load growth that cannot be attributed to a specific customer. All this work can include extensions, conversions, reconductoring, and or line relocations required to provide the customer with their initial service, increase a customer's load, or increase overall circuit capacity.
This work could include new service wire, new secondary wire, new primary conductor, upgraded transformers, installing regulators, capacitors, etc.

Background

This project will address customer locations and circuits for new customer installation, upgrading a service to a customer, or [redacted].

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:

N/A

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	01/01/2021
Construction Start	01/01/2021
In Service Date	12/31/2021

Risks and Risk Mitigation Plans

N/A

References

N/A

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

N/A.