Operations Project Authorization Form

Date Prepared: 09/28/2021	**Project Title:** NEW/EXISTING CUSTMRS [redacted]
Company/ies: Eversource CT	**Project ID Number: DN5T19**
Organization: Distribution	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category: OH/DB/UG Reliability**
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose: Customer Work**
Estimated in service date: 12/31/2019	**If Transmission Project: PTF?** N/A
Eng. /Constr. Resources Budgeted? Y	**Capital Investment Part of Original Operating Plan?** Y
Authorization Type: Final Design	**O&M Expenses Part of the Original Operating Plan?** N/A
Total Request: $2,118K	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This request is for the approval of $2,118k 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 whos 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 / Financial Evaluation

wo_number	wo_description	Initiation Date	In service Date	project	project_description	Total Amount
5T821619	[redacted]	3/1/2019	1/31/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 330,025
5T820687		6/18/2019	1/31/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 235,162
5T920195		8/6/2019	4/30/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 247,285
5T920426		8/16/2019	6/17/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 545,544
5T920688		9/6/2019	7/1/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 255,529
5T821630		9/12/2019	8/26/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 180,705
5T920077		10/7/2019	8/8/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 178,817
5T921459		11/15/2019	9/22/2019	DN5T	NEW/EXISTING CUSTMRS [redacted]	$ 145,219
Total						$ 2,118,286

Technical Justification

Project Need Statement

It is necessary to perform this work to serve new customers, upgrade services to existing customers, and or to [redacted]

Project Objectives

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 whos 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 of this work can include extensions, conversions, reconductoring, and or line relocations required to provide the customer with their initial service, increase a customers 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.

Major Material

- Transformers(OH/UG)
- Pads
- Conductor
- Secondary
- Service wire
- Elbows
- Regulators
- Capacitors
- Pole Replacement
- Splices
- Guy/Anchors
- Stirrups
- Pole Replacement

Background / Justification

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

Business Process and / or Technical Improvements
N/A

Project Schedule:

Milestone/Phase Name	Estimated Completion Date
PAF approval Final Design	2019
Construction	January, 2019 – December, 2019

Regulatory Approvals: N/A

Risks and Risk Mitigation Plans: N/A

References: None

Attachments (One-Line Diagrams, Images, etc.): N/A