# Operations Project Authorization Form

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|---|---|
| **Date Prepared: 09/28/2021** | **Project Title:** NEW/EXISTING CUSTMRS [redacted] |
| **Company/ies:** Eversource CT | **Project ID Number: DN4N18** |
| **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: 12/31/2018** | **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: $243K** | |

## Financial Requirements:

### Project Authorization

ERM: _____

FP&A: _____

### Executive Summary

This request is for the approval of $243k 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 Amoun |
|---|---|---|---|---|---|---|
| 4N720333 | [redacted] | 2/22/2018 | 6/16/2017 | DN4N | NEW/EXISTING CUSTMRS [redacted] | $ 242,788 |

## 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 lin 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 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 costomer 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 | 2018 |
| Construction | January, 2018 – December, 2018 |

**Regulatory Approvals:** N/A

**Risks and Risk Mitigation Plans:** N/A

**References:** None

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