Operations Project Authorization Form

Date Prepared: December 11th, 2019	**Project Title:** [redacted]
Company/ies: Eversource CT	**Project ID Number:** CD01470
Organization: Distribution Electric	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category:** Distributed Generation
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose:** Distributed Generation New Service
Estimated in service date: June 30th, 2022	**If Transmission Project: PTF?** N/A
Eng. /Constr. Resources Budgeted? No	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Preliminary	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $243,240, Customer contribution 100%	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

[redacted] Customer contribution will be $243,240.

Project Costs Summary

	Prior Authorized	2022	2023	2024+	Totals
Capital Additions - Direct	$0	$138,869	$0	$0	$138,869
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$3,290	$0	$0	$3,290
Total - Direct Spending	$0	$142,159	$0	$0	$142,159
Capital Additions - Indirect	$0	$89,055	$0	$0	$89,055
Subtotal Request	$0	$231,214	$0	$0	$231,214
AFUDC	$0	$2,774	$0	$0	$2,774
Total Capital Request	$0	$233,988	$0	$0	$233,988
O&M	$0	$9,252	$0	$0	$9,252
Total Request	$0	$243,240	$0	$0	$243,240

Financial Evaluation

Direct Capital Costs	2022	2023	2024+	Total
Straight Time Labor	$21,068	$0	$0	$21,068
Overtime Labor	$5,724	$0	$0	$5,724
Outside Services	$18,294	$0	$0	$18,294
Materials	$96,509	$0	$0	$96,509
Other, including contingency amounts (describe)	$564	$0	$0	$564
Total Direct Costs	**$142,159**	**$0**	**$0**	**$142,159**

Indirect Capital Costs	2022	2023	2024+	Total
Indirects/Overheads (including benefits)	$89,055	$0	$0	$89,055
Capitalized interest or AFUDC, if any	$2,667	$0	$0	$2,667
Total Indirect Costs	**$91,722**	**$0**	**$0**	**$91,722**
Total Capital Costs	**$233,881**	**$0**	**$0**	**$233,881**
Less Total Customer Contribution	**$243,240**	**$0**	**$0**	**$243,240**
Total Capital Project Costs	**($9,359)**	**$0**	**$0**	**($9,359)**
Total O&M Project Costs	**$9,359**	**$0**	**$0**	**$9,359**

Note: Explain unique payment provisions, if applicable

Technical Justification:

Project Need Statement

The DER customer, [redacted], has requested to interconnect to the [redacted] [redacted] The Eversource fast track screens and supplemental screening found there to be no thermal, voltage, or other circuit issues as a result of the DER installation, on the primary feed or the alternate feed.

This new service project authorization form is proposing to install three new poles for service. Two poles will be for the primary metering and one pole will be for a site-dedicated recloser. The new service will only benefit the DER customer and will allow the customer access to the Eversource electric power system to provide clean, photovoltaic electricity.

Project Objectives

The goal of this project is to provide new service to the DER applicant to allow their generator to interconnect to the Eversource EPS. This project proposes the installation of three new poles for service, a site-dedicated recloser, and primary metering.

Project Scope

New Service

[redacted] The change of point of ownership occurs on the load side of the Eversource-owned primary meter.

Major Material:

[redacted]. Exact length to be determined in a detailed design by distribution engineering.

Background / Justification

[redacted] There is currently no electrical service to the proposed solar farm. The customer will be responsible for all electric design on the load side of the Eversource-owned primary meter.

Business Process and / or Technical Improvements:

This proposal will allow for the interconnection of clean, photovoltaic power and will allow the DER applicant to interconnect to the Eversource EPS and fulfill their ZREC requirements. There is currently no electrical services to the proposed solar farm.

Alternatives Considered with Cost Estimates

There are currently no alternate circuits that could interconnect the proposed DG. Based on Eversource standards, the proposed new service design is typical of what Eversource field engineering would procure.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Engineering	01/09/2020
Detailed Design	TBD
Construction	01/30/2022
Anticipated In Service Date	06/30/2022

Regulatory Approvals

N/A and not anticipated at this time.

Risks and Risk Mitigation Plans

N/A, we expect the customer to go to construction.

References

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



