EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: January 8th, 2020	**Project Title:** [redacted]
Company/ies: Eversource CT	**Project ID Number:** CD01461
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: $212,346 Customer Contribution 100%	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

[redacted] is proposing a photovoltaic site of 2 MW, [redacted]. Customer contribution will be $212,346.

Project Costs Summary

The project was estimated at $165,985. With a 32% contingency for 2022 payment the total cost is $218,982.

	Prior Authorized	2022	2022	2023+	Totals
Capital Additions - Direct	$0	$121,231	$0	$0	$121,231
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$2,872	$0	$0	$2,872
Total - Direct Spending	$0	$124,103	$0	$0	$124,103
Capital Additions - Indirect	$0	$77,745	$0	$0	$77,745
Subtotal Request	$0	$201,848	$0	$0	$201,848
AFUDC	$0	$2,421	$0	$0	$2,421
Total Capital Request	$0	$204,269	$0	$0	$204,269
O&M	$0	$8,077	$0	$0	$8,077
Total Request	$0	$212,346	$0	$0	$212,346

Financial Evaluation

Direct Capital Costs	2022	2022	2023+	Total
Straight Time Labor	$18,392	$0	$0	$18,392
Overtime Labor	$4,997	$0	$0	$4,997
Outside Services	$15,970	$0	$0	$15,970
Materials	$84,252	$0	$0	$84,252
Other, including contingency amounts (describe)	$492	$0	$0	$492
Total Direct Costs	**$124,103**	**$0**	**$0**	**$124,103**

Indirect Capital Costs	2022	2022	2023+	Total
Indirects/Overheads (including benefits)	$77,745	$0	$0	$77,745
Capitalized interest or AFUDC, if any	$2,328	$0	$0	$2,328
Total Indirect Costs	**$80,073**	**$0**	**$0**	**$80,073**
Total Capital Costs	**$204,176**	**$0**	**$0**	**$204,176**
Less Total Customer Contribution	**$212,346**	**$0**	**$0**	**$212,346**
Total Capital Project Costs	**($8,170)**	**$0**	**$0**	**($8,170)**
Total O&M Project Costs	**$8,170**	**$0**	**$0**	**$8,170**

Note: Explain unique payment provisions, if applicable

Technical Justification:

Project Need Statement

[redacted] The Eversource fast track screens and supplemental screening found there to be no adverse impacts to the primary feed as a result of the DG installation.

This new service project authorization form is proposing to install two new poles for service. [redacted] 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. [redacted]

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. [redacted]

Project Scope

New Service

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

Circuit Upgrades

[redacted]

Major Material:

[redacted]

Background / Justification

The DER applicant is proposing a new service and three phase power at their photovoltaic facility located at [redacted] CT. 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.

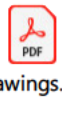
References

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


[redacted].vsdx


[redacted] docx


[redacted].vsd


Drawings.pdf


CD01461_project_needs_statement.pdf