EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: 10/31/19	**Project Title:** [redacted]
Company/ies: Eversource CT	**Project ID Number: CD01430**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: New Service**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: New residential load**
Estimated in service date: 2020	**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: $386,861	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

[redacted]. The customer contribution is $5,810.

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2020_	20__	20__+	Totals
Capital Additions - Direct	$0	$160	$0	$0	$160
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$11	$0	$0	$11
Total - Direct Spending	$0	$172	$0	$0	$172
Capital Additions - Indirect	$0	$194	$0	$0	$194
Subtotal Request	$0	$366	$0	$0	$366
AFUDC	$0	$7	$0	$0	$7
Total Capital Request	$0	$374	$0	$0	$374
O&M	$0	$13	$0	$0	$13
Total Request	$0	$387	$0	$0	$387

Financial Evaluation
Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$50	$0	$0	$50
Overtime Labor	$7	$0	$0	$7
Outside Services	$91	$0	$0	$91
Materials	$85	$0	$0	$85
Other, including contingency amounts (describe)	($61)	$0	$0	($61)
Total Direct Costs	**$172**	**$0**	**$0**	**$172**
Indirect Capital Costs	**Year 1**	**Year 2**	**Year 3+**	**Total**
Indirects/Overheads (including benefits)	$194	$0	$0	$194
Capitalized interest or AFUDC, if any	$7	$0	$0	$7
Total Indirect Costs	**$202**	**$0**	**$0**	**$202**
Total Capital Costs	**$373**	**$0**	**$0**	**$373**
Less Total Customer Contribution	**($6)**	**$0**	**$0**	**($6)**
Net Capital Project Costs	**$367**	**$0**	**$0**	**$367**
Total O&M Project Costs	**$14**	**$0**	**$0**	**$14**

Note: Explain unique payment provisions, if applicable

Technical Justification:

Project Need Statement
This project has been established to address the needs for electric service for a new residential development which includes [redacted] The customer contribution is $5,810.

Project Objectives
The main objective of this project is to get electric service to the [redacted] residential buildings and to construct it per direct buried reliability guidelines.

Project Scope
[redacted] The contractor is responsible for installing all infrastructure (conduit, splice boxes, concrete pads) per Eversource standards.

Major Material:
6,000 feet #1 Aluminum three-phase cable

10 three-phase padmount transformers
2 three-phase junctions (doghouses)

Background / Justification
A new residential development consisting of [redacted]. This project has been established to address and deliver electric service.

Business Process and / or Technical Improvements:
New Service Business Process as applicable.

Alternatives Considered with Cost Estimates
None.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval (ENG)	11/7/19
Detail design	11/30/19
Cable construction start date	2/1/20
Cable construction end date	10/31/20

Regulatory Approvals

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2020	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.

Customer Permission / Siting Council / Municipal approvals	2020	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2020	High	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Internal engineering resources not available to perform the work.	2020	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2020	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2020	Low	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period of time.

References

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

[redacted] Phase 2 Rev 2 - Final.p

CD01430_project_needs_statement.pdf

NEW LOAD FORM for [redacted]

[redacted] One-Line Existing.pdf

[redacted] One-Line Future.pdf