Operations Project Authorization Form

Date Prepared: February 24, 2020	**Project Title:** [redacted]
Company/ies: Eversource CT	**Project ID Number: CD01501**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Line Relocation**
Project Sponsor: [redacted]	**Project Purpose:**
Estimated in service date: 6/1/2020	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Preliminary Engineering	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $318,000	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

The [redacted] is constructing a new building between their existing buildings. The new building is [redacted]

[redacted]

- [redacted]

CD01501 is 100% reimbursable by the customer.

Reimbursement Trigger.
Under New Business Policy NB-10, E) Changes to Excising Supply or Services Item 3.

3. Relocation

The customer will be charged the full expense of Company costs to relocate an existing electric service when the relocation is at the customer's request.

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2020	20__	20__+	Totals
Capital Additions - Direct	$0	$192	$0	$0	$192
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$8	$0	$0	$8
Total - Direct Spending	$0	$200	$0	$0	$200
Capital Additions - Indirect	$0	$109	$0	$0	$109
Subtotal Request	$0	$308	$0	$0	$308
AFUDC	$0	$5	$0	$0	$5
Total Capital Request	$0	$313	$0	$0	$313
O&M	$0	$5	$0	$0	$5
Total Request	$0	$318	$0	$0	$318

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$5	$0	$0	$5
Overtime Labor	$3	$0	$0	$3
Outside Services	$175	$0	$0	$175
Materials	$17	$0	$0	$17
Other, including contingency amounts (describe)	($0)	$0	$0	($0)
Total Direct Costs	**$200**	**$0**	**$0**	**$200**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$109	$0	$0	$109
Capitalized interest or AFUDC, if any	$5	$0	$0	$5
Total Indirect Costs	**$113**	**$0**	**$0**	**$113**
Total Capital Costs	**$313**	**$0**	**$0**	**$313**
Less Total Customer Contribution	**$318**	**$0**	**$0**	**$318**
Total Capital Project Costs	**($5)**	**$0**	**$0**	**($5)**
Total O&M Project Costs	**$5**	**$0**	**$0**	**$5**
Total Project Cost	**$ 0**	**$ -**	**$ -**	**$ 0**

Technical Justification:

Project Need Statement

Eversource needs to relocate the [redacted]

Before loads

[redacted]

After Loads.

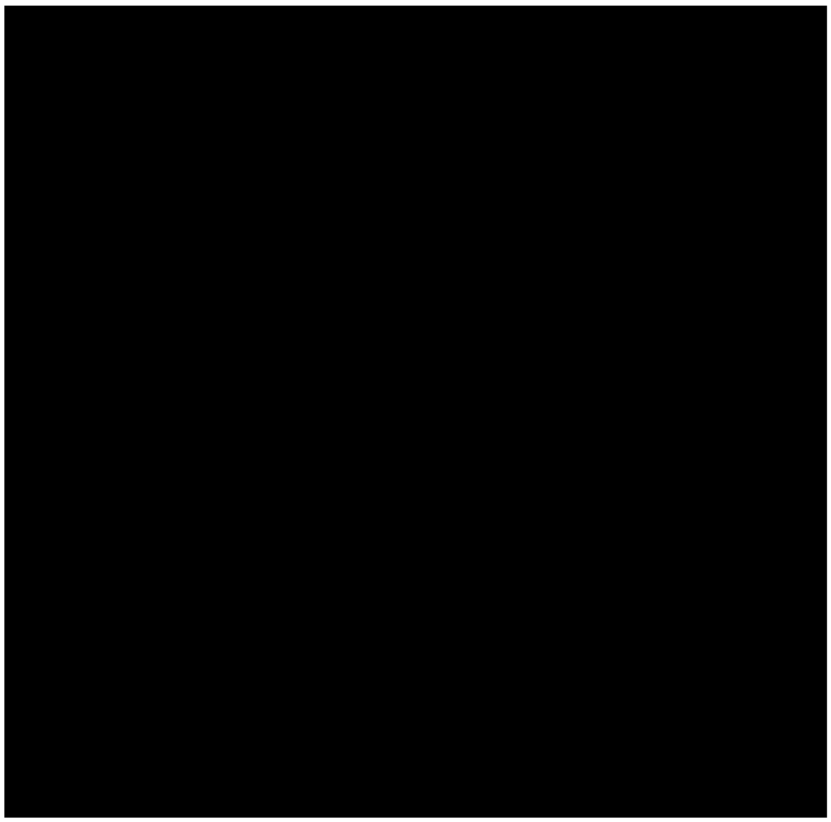
[redacted]

Project Objectives

[redacted]

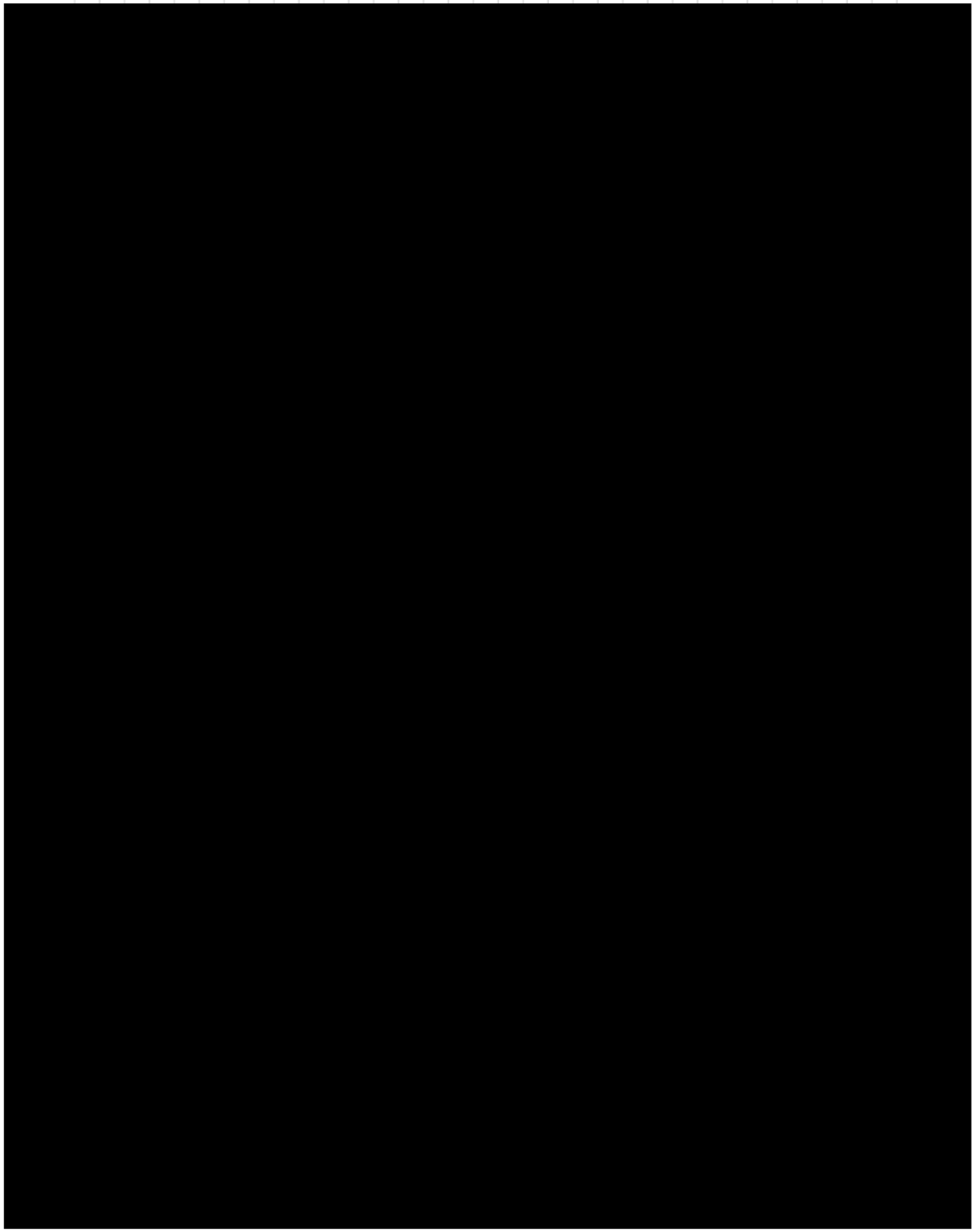
Project Scope

[redacted]



Segment One.

[redacted]



Major Material

[redacted]

Background / Justification

The [redacted]

Business Process and / or Technical Improvements:

[redacted]

Alternatives Considered with Cost Estimates

Option	Seg. ID	Title	Amount	Comments
Total			$ -	
1	Relocate Both UG Loops			Relocate the existing two UG loops.
	1	Relocate Both UG Loops	$317,668	
Total			$ 317,668	
2	Relocate One UG Loop			This alternativities is approximately $38K less than the preferred option. With option 1, the preferred option, [redacted]
	2	Relocate One UG Loop	$ 279,615	
Total			$ 279,615	
3	Do Nothing			Is not an option
Total			$ -	

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Design	03/06/2020
Detail Design	03/20/2020
Construction	06/01/2020

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	Medium	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.

References

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

Need Statement.

CD01501_project_needs_statement.pdf

UG Drawing.

[redacted] UG Upgrade.pdf

Contractor Drawing.

Visio-Revised plan for electric equipme

Before Load Worksheet.

[redacted] and [redacted] Before Load S

After Load Worksheet.

[redacted] and [redacted] After Load Sh

Before Single Line.

Visio-[redacted] Single-Line

After Single Line.

Visio-[redacted] Single-Line