EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: June 10, 2021	**Project Title:** [redacted]
Company: Eversource CT	**Project ID Number: CD01691**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Overhead Plant Modernization**
Project Sponsor: [redacted]	**Project Purpose:**
Estimated in service date: 10/1/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Preliminary Funding	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $327K	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

On the [redacted]. The #4 CU primary was installed in 1952 and most of the poles were replaced in 1988. The pole upgrades completed in 1988 were probably from Frontier upgrades.

[redacted]. There are 12 of 14 locations where the crossarms were installed year is 1988.

[redacted]

Both customers have expressed real concern over the age of the OH facilities and want to see them replaced. All the outages have been from trees so far. The tree department has already trimmed the tap to lateral side tap requirements. [redacted].

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2021	20__	20__+	Totals
Capital Additions - Direct	$0	$67	$0	$0	$67
Removals net of Salvage ____%	$0	$118	$0	$0	$118
Total - Direct Spending	$0	$185	$0	$0	$185
Capital Additions - Indirect	$0	$85	$0	$0	$85
Subtotal Request	$0	$271	$0	$0	$271
AFUDC	$0	$0	$0	$0	$0
Total Capital Request	$0	$271	$0	$0	$271
O&M	$0	$56	$0	$0	$56
Total Request	$0	$327	$0	$0	$327

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$2	$0	$0	$2
Overtime Labor	($0)	$0	$0	($0)
Outside Services	$179	$0	$0	$179
Materials	$4	$0	$0	$4
Other, including contingency amounts (describe)	$1	$0	$0	$1
Total Direct Costs	**$185**	**$0**	**$0**	**$185**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$85	$0	$0	$85
Capitalized interest or AFUDC, if any	$0	$0	$0	$0
Total Indirect Costs	**$85**	**$0**	**$0**	**$85**
Total Capital Costs	**$271**	**$0**	**$0**	**$271**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$271**	**$0**	**$0**	**$271**
Total O&M Project Costs	**$56**	**$0**	**$0**	**$56**
Total Project Cost	**$ 327**	**$ -**	**$ -**	**$ 327**

Note: Explain unique payment provisions, if applicable

Technical Justification:

[redacted]

There are 12 of 14 locations where the crossarms were installed year is 1988.

Project Need Statement

[redacted]

Project Objectives

[redacted]

Project Scope

[redacted]

Major Material:

6,900 feet of 1/0 spacer cable.

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

Improved reliability of the OH structures.

Alternatives Considered with Cost Estimates

Do nothing. The customers will probably raise their concern on the age of the plant.

[redacted]

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	5/12/2021
Detailed Design	7/15/2021
Settings Requested	N/A
Construction Start Date	8/1/2021
Construction End Date	12/31/2021

Regulatory Approvals

None.

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2021	Medium	Twenty Four percent 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	2021	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2021	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.	2021	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2021	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2021	Low	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period.

References

None

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

CD01691_project_needs_statement.pdf
Colt Hwy Comminicaiton Tower
[redacted] Comsite Mang- Memo Style.pc
Plant Age.pdf

Outages.

Outlet Broadcasting Outages.pdf

Pictures of Pole Tops in the folder at the path below.

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