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Operations Project Authorization Form

Project Title: Main St New Britain 1/15/21 Outage	Project Number: 80020159P
Date Prepared: 12/06/2022	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Emergent Equipment Failures - Line
Project Manager: [redacted]	**Project Type:** Annual
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Choose an item
Estimated in service date: 1/19/2021	**Emergency Related Request?** Choose an item
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☒ Distribution
Total Gross Capital Request: $219.9K	**Authorization Type:** Full Funding

Executive Summary

On January 15, 2021 a 911 ticket and outage event #4446517 came in for a manhole fire on Main St in New Britain. Crews isolated the area and worked to repair the primary and burnt secondaries around manhole #100 on Main St. Work order 4837516 was created to capture the costs associated with the outage event and necessary restoration work.

Since the work performed on this emergent work order exceeded the annual threshold, this project was created.

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Project Costs Summary

Note: Dollar values are in thousands

Capital Costs	Year 2021	Year 2022	Year 2023+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	$6.5			$6.5
Outside Services	$28.5			$28.5
Materials	$13.1			$13.1
Removals	$22.3			$22.3
Risk and Contingency				
Other	$40.8			$40.8
Subtotal – Direct Costs	$111.2			$111.2
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$108.7			$108.7
Capitalized interest or AFUDC, if any	$0			$0
Subtotal – Indirect Costs	$108.7			$108.7
Total Gross Capital Costs	**$219.9**			**$219.9**
Customer Contribution	$0			$0
Total Net Capital Project Costs	**$219.9**			**$219.9**

Technical Justification:

Project Need, Objective and Justification:

Work order 4835716 (FWO 80020159) was created to account for the work associated with outage event #4446517 that occurred on January 15, 2021.

Project Scope:

This project calls to perform the following work on Main St in New Britain:

- Made Repairs to jacket 11H62 in MH #100.
- Install 256' 4/0 AL on the 300J4 from MH #100 to MH #108 with 6 straight splices.
- Install 50' of 500 KCMIL from MH #98 to MH #100.
- Install 160' of 500 KCMIL from MH #102 to MH #108.
- Install 40' 4/0 Secondaries to 510 Main St.
- Install 40' 4/0 Secondaries to 29 Lafayette St.

Major Material:

256’ 4/0 AL EPR
210’ 500 KCMIL Secondaries
6 Straight splices
9 Crab limiters
80’ of 4/0 secondary

Alternatives Considered:

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Project is a compliance obligation - no alternatives considered - no financial benefit

Regulatory Approvals:

Are Regulatory body approvals needed for the project?
No

If yes, provide detailed regulatory approvals

Project Schedule

Milestone/Phase Name	Completed Date
Outage Start	1/15/21
Work Complete	1/19/21
Design Complete	1/20/21

Risks and Risk Mitigation Plans

All risks were mitigated during the outage restoration.

References

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

4835716 FWO 80020159 Work Perf

EVENT4446517 Trouble Ticket FWO

4837516-UGMAP (1).pdf