Operations Project Authorization Form

Project Title: DSCADA System Resiliency - [redacted]	**Project Number: GREENWICHSR**
Date Prepared: 12/22/2022	**Company:** Eversource CT
Organization: Substation Technical Engineering	**Class(es) of Plant:** Telecom
Project Initiator: [redacted]	**Project Category:** Stations - Telecommunications
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Yes
Estimated in service date: 06/30/24	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☐ Distribution X Telecom General Plant
Total Gross Capital Request: $54.4K	**Authorization Type:** Initial Funding

Executive Summary

Briefly describe (in a few sentences) the overall description of the project (do not include technical details)

[redacted]

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.
Note: Dollar values are in thousands

Capital Costs	Year 2023	Year 2024	Year 20__+	Total
Direct Capital Costs				
Internal Labor	$15			
Outside Services	$15			
Materials				
Removals				
Risk and Contingency				

Other ([redacted]	$15			
Subtotal – Direct Costs	$45			
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$9.4			
Capitalized interest or AFUDC, if any				
Subtotal – Indirect Costs	$9.4			
Total Gross Capital Costs				
Customer Contribution				
Total Net Capital Project Costs	**$54.4**			

Technical Justification:

Project Need, Objective and Justification

Eversource has been investing consistently in its communications infrastructure over time. As a result, the Company has developed robust and secure [redacted] technologies that extend across the system.

[redacted]

[redacted].

[redacted]

Table A

[redacted]

Eversource is proposing to [redacted]

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[redacted].

[redacted]s
[redacted]

Project Scope

[redacted]
[redacted]
[redacted]All equipment will be installed and configured by Internal Eversource Resources from Communication Network Services and IT Network LAN/WAN groups.

[redacted]
[redacted].

This initial funding will be used to complete the following deliverables:

- Constructability site assessment
- Coverage plots
- Tower elevation drawing
- Rack elevation drawings
- Shelter layout
- [redacted]
- Structural Analysis (if needed)
- Project management throughout initial funding
- Siting review (if needed)
- MPE studies (if needed)

A key to the success of this project is to [redacted]
[redacted]
[redacted]

Eversource presently has [redacted]
[redacted]
[redacted]

Background

[redacted]
[redacted]
[redacted]
[redacted]
[redacted]

[redacted]
[redacted]

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[redacted]

Note: [redacted]

Alternatives Considered:

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

Alternatives were considered (please describe below)

[redacted]

[redacted]

[redacted]

- Implementation delays may occur due to [redacted]
- [redacted]
- Delays in receiving equipment orders may contribute to delays in project completion.

References

None

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

Reference appendices items in the appropriate section of the PAF and list items in the same order as referenced in the PAF

Appendix A – Cost Estimate