



APS 1 - Project Authorization Policy

Appendix 4
 Supplement Request Form

Supplement Request Form

Project Title: Reliability Annual Programs - Line	Project Number: DR9R
Date Prepared: 01/19/2022	Company: NH Electric Distribution 06
Organization: NH Operations	Class(es) of Plant: Distribution
Project Initiator: Lee Lajoie	Project Category: Reliability
Project Manager: Jason Yergeau	Project Type: Annual
Project Sponsor: Douglas Foley	Project Purpose: Maintain Reliability
Estimated in service date: 12/31/2021	Capital Investment part of original Operating Plan: Yes
Current Authorization Amount: \$ 3,000,000	O&M Expenses part of request: Yes
Supplement Request: \$2,237,000	Other:
Total Request: \$5,237,000	

Supplement Justification

Justification for Additional Resources

The Reliability Annual Program supports the work necessary to improve the reliability of service to customers including addressing circuits on the list of 50 worst performers, three or more device outages, or other reliability metrics. Each Area Work Center has a separate project which rolls up to this program. Typical work performed under this program is the installation of fused cutouts, TripSavers, and reclosers. All are expected to improve reliability across NH.

The initial budget for the distribution line reliability program is funded based on historical spending and/or known future investment needed within the overall distribution budget constraints. Program spending is monitored throughout the year through a budget review committee. As work is identified throughout the year, the budget committee determines whether the additional investment needed can be funded by reduced funding in other projects or whether the additional investment must be deferred to a future year to stay within the budget.

Investment in the distribution line reliability program was higher than originally budgeted due to more work being performed on the system than anticipated to improve overall reliability of the system.



Supplement Cost Summary

Capital Costs	Prior Authorized	Supplemental Request	Total
Direct Capital Costs			
Internal Labor	330	259	589
Outside Services	327	591	918
Materials	1,125	424	1,549
Removals			
Risk and Contingency			
Other		558	558
<u>Subtotal</u>	1,782	1,832	3,614
Indirect Capital Costs			
Indirect/Overheads (including benefits)	1,200	417	1,617
Capitalized interest or AFUDC, if any	18	(12)	6
<u>Subtotal</u>	1,218	405	1,623
Total Customer Contribution	-	-	-
Total Capital Project Costs	3,000	2,237	5,237

Operations Project Authorization Form

Date Prepared: 12/18/2020	Project Title: Reliability Annual Programs – Line
Company/ies: Eversource NH	Project ID Number: DR9R
Organization: NH Operations	Class(es) of Plant: Distribution
Project Initiator: Pat Sullivan	Project Category: Reliability – Distribution Line Reliability
Project Manager: Pat Sullivan	Project Type: Annual
Project Sponsor: Mark Sandler	Project Purpose: Reliability – Line
Estimated in service date: 12/31/2021	If Transmission Project: PTF? NA



Eng. /Constr. Resources Budgeted? Yes	Capital Investment Part of Original Operating Plan? Yes
Authorization Type: Full Funding	Facility Type (check all that apply):
Total Request (gross): \$3,000,000	<input type="checkbox"/> PTF <input type="checkbox"/> non-PTF <input checked="" type="checkbox"/> Distribution

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

An approval of \$3.0M is requested for the 2021 distribution line reliability annual program.

An annual program includes many similar, small, and/or routine capital jobs performed over the course of a year for which one project authorization form can be prepared. This project authorization form is being prepared for the distribution line reliability annual program across New Hampshire.

If a single work order within an Annual Project exceeds the applicable threshold established in Accounting Policy Statement 1 (APS-01), the work order shall be included with a project authorization form and approved as a specific project. Work orders under the DR program are exempt from the threshold as outlined in APS-01 and do not have a dollar limit threshold.

This work is not identified during the budget cycle but is a result of monitoring the system throughout the year. This project covers construction required to remedy conditions which are causing specific segments of distribution facilities to perform below levels defined by system reliability. It also funds projects which target the worst performing circuits.



Project Costs Summary Note: Dollar values are in thousands

Line item Category	Prior Authorized	Actuals to Date	2021	2022	2023	2024	2025	Total
1. ROW / Easements / Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Environmental Approvals / Permits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Siting Approvals / Permits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Engineering / Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Materials (Eversource purchased)	\$0	\$0	\$1,040	\$0	\$0	\$0	\$0	\$1,040
7. Construction (incl mat'l's by contractors)	\$0	\$0	\$657	\$0	\$0	\$0	\$0	\$657
8. Testing / Commissioning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Project Mgmt Team	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10. Removals	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$85
11. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12. Risks	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL DIRECTS W/ RISKS	\$0	\$0	\$1,782	\$0	\$0	\$0	\$0	\$1,782
13. Indirects/Overhead	\$0	\$0	\$1,200	\$0	\$0	\$0	\$0	\$1,200
14. AFUDC	\$0	\$0	\$18	\$0	\$0	\$0	\$0	\$18
PROJECT TOTAL – BASELINE BUDGET	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
15. Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL CAPITAL REQUEST	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
16. Reimbursables/Customer Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT TOTAL (LESS REIMBURSABLES)	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL REQUEST	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000

Note: Explain unique payment provisions, if applicable: Provide a detailed breakdown of Other costs here.



Breakout Costs

Note: Dollar values are in thousands

Line item Category	Prior Authorized	Actuals to Date	2021	2022	2023	2024	2025	Total
ST Labor	\$0	\$0	\$330	\$0	\$0	\$0	\$0	\$330
OT Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Outside Services Labor	\$0	\$0	\$327	\$0	\$0	\$0	\$0	\$327
Materials*	\$0	\$0	\$1,040	\$0	\$0	\$0	\$0	\$1,040
Removals	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$85
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirects	\$0	\$0	\$1,200	\$0	\$0	\$0	\$0	\$1,200
AFUDC	\$0	\$0	\$18	\$0	\$0	\$0	\$0	\$18
TOTAL CAPITAL REQUEST - W/O REIMBURSABLES	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000

*All materials including Eversource purchased and outside service purchased. Note that outside service purchased material included in construction in project cost summary above.



Future Financial Impacts:

Provide below the estimated future costs that will result from the project:

Note: Dollar values are in thousands

Future Costs	Year 20__	Year 20__	Year 20__	Year 20__ +	Total Future Project Costs
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Describe the estimated future Capital, O&M, and/or Other costs noted above:

What functional area(s) will these future costs be funded in? _____
 A representative from the respective functional area is required to be included as a project approver.

Provide below the estimated future financial benefits that will result from the project:

Note: Dollar values are in thousands

Future Benefits	Year 20__	Year 20__	Year 20__	Year 20__ +	Total Future Project Benefits
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Describe the estimated future Capital, O&M, and/or Other benefits noted above:

What functional area(s) will these benefits be reflected in? _____
 A representative from the respective functional area is required to be included as a project approver.

Asset Retirement Obligation (ARO) and/ or Environmental Cleanup Costs (Environmental Liabilities):

Is there an ARO associated with this project? No

Are there other environmental cleanup costs associated with this project? No.

Technical Justification

Project Need Statement

Capital funding is needed to address the installation or replacement of distribution line equipment and other items to improve the reliability of the system.

Project Objectives

This program is designed to address the reliability of the distribution system through the installation or replacement of line equipment required to remedy conditions which are causing specific segments of distribution facilities to perform below levels defined by system reliability. It also funds projects which target the worst performing circuits.

Project Scope



Work under this annual will be performed at various locations around the state of NH within the Eversource service territory. This project addresses statewide reliability issues with the distribution system assets not within the Right of Way. Actual charges will accumulate in the individual area work center work orders.

Background / Justification

This is an annual project which is required to maintain reliability of the Company's distribution system.

Business Process and / or Technical Improvements:

Reliability.

Alternatives Considered with Cost Estimates

Not applicable.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Annual program completion	12/31/2021

Regulatory Approvals

The construction budget is submitted to the New Hampshire Public Utilities Commission in accordance with Rule Puc 308.07 using Form E-22. Also on a quarterly basis projects not previously reported in the annual construction budget that have exceeded \$100,000 are reported to the New Hampshire Public Utilities Commission.

Risks and Risk Mitigation Plans

On a monthly basis, capital project spending is reviewed and any risks are identified and managed during that meeting.

References

Not applicable.

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

Not applicable.

Cost Estimate Backup Details

Annual funding for this project was estimated using historical spending level.



APS 1 - Project Authorization Policy

Appendix 5

Subsidiary Board Approval Package Template

Subsidiary Board Approval Package Template

Template for Capital Project Review and Approval by a Subsidiary Board

[Sponsoring Operating Unit or Corporate and Shared Services Group] [Project Title]
Capital Project Review and Approval

[Subsidiary] Board of Directors [Sponsoring Officer] [Date of Submission]



Sub Board Approval
Template.pptx

*Note: to save, complete and print the template, please right click on the above icon and select
Presentation Object and Open*



Operations Project Authorization Form

Date Prepared: 12/18/2020	Project Title: Reliability Annual Programs – Line
Company/ies: Eversource NH	Project ID Number: DR9R
Organization: NH Operations	Class(es) of Plant: Distribution
Project Initiator: Pat Sullivan	Project Category: Reliability – Distribution Line Reliability
Project Manager: Pat Sullivan	Project Type: Annual
Project Sponsor: Mark Sandler	Project Purpose: Reliability – Line
Estimated in service date: 12/31/2021	If Transmission Project: PTF? NA
Eng. /Constr. Resources Budgeted? Yes	Capital Investment Part of Original Operating Plan? Yes
Authorization Type: Full Funding	Facility Type (check all that apply): <input type="checkbox"/> PTF <input type="checkbox"/> non-PTF <input checked="" type="checkbox"/> Distribution
Total Request (gross): \$3,000,000	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

An approval of \$3.0M is requested for the 2021 distribution line reliability annual program.

An annual program includes many similar, small, and/or routine capital jobs performed over the course of a year for which one project authorization form can be prepared. This project authorization form is being prepared for the distribution line reliability annual program across New Hampshire.

If a single work order within an Annual Project exceeds the applicable threshold established in Accounting Policy Statement 1 (APS-01), the work order shall be included with a project authorization form and approved as a specific project. Work orders under the DR program are exempt from the threshold as outlined in APS-01 and do not have a dollar limit threshold.

This work is not identified during the budget cycle but is a result of monitoring the system throughout the year. This project covers construction required to remedy conditions which are causing specific segments of distribution facilities to perform below levels defined by system reliability. It also funds projects which target the worst performing circuits.



Project Costs Summary *Note: Dollar values are in thousands*

Line item Category	Prior Authorized	Actuals to Date	2021	2022	2023	2024	2025	Total
1. ROW / Easements / Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Environmental Approvals / Permits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Siting Approvals / Permits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Engineering / Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Materials (Eversource purchased)	\$0	\$0	\$1,040	\$0	\$0	\$0	\$0	\$1,040
7. Construction (incl mat'l's by contractors)	\$0	\$0	\$657	\$0	\$0	\$0	\$0	\$657
8. Testing / Commissioning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Project Mgmt Team	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10. Removals	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$85
11. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12. Risks	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL DIRECTS W/ RISKS	\$0	\$0	\$1,782	\$0	\$0	\$0	\$0	\$1,782
13. Indirects/Overhead	\$0	\$0	\$1,200	\$0	\$0	\$0	\$0	\$1,200
14. AFUDC	\$0	\$0	\$18	\$0	\$0	\$0	\$0	\$18
PROJECT TOTAL – BASELINE BUDGET	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
15. Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL CAPITAL REQUEST	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
16. Reimbursables/Customer Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT TOTAL (LESS REIMBURSABLES)	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL REQUEST	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000

Note: Explain unique payment provisions, if applicable: *Provide a detailed breakdown of Other costs here.*



Breakout Costs

Note: Dollar values are in thousands

Line item Category	Prior Authorized	Actuals to Date	2021	2022	2023	2024	2025	Total
ST Labor	\$0	\$0	\$330	\$0	\$0	\$0	\$0	\$330
OT Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Outside Services Labor	\$0	\$0	\$327	\$0	\$0	\$0	\$0	\$327
Materials*	\$0	\$0	\$1,040	\$0	\$0	\$0	\$0	\$1,040
Removals	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$85
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirects	\$0	\$0	\$1,200	\$0	\$0	\$0	\$0	\$1,200
AFUDC	\$0	\$0	\$18	\$0	\$0	\$0	\$0	\$18
TOTAL CAPITAL REQUEST - W/O REIMBURSABLES	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000

*All materials including Eversource purchased and outside service purchased. Note that outside service purchased material included in construction in project cost summary above.



Future Financial Impacts:

Provide below the estimated future costs that will result from the project:

Note: Dollar values are in thousands

Future Costs	Year 20__	Year 20__	Year 20__	Year 20__ +	Total Future Project Costs
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Describe the estimated future Capital, O&M, and/or Other costs noted above:

What functional area(s) will these future costs be funded in? _____

A representative from the respective functional area is required to be included as a project approver.

Provide below the estimated future financial benefits that will result from the project:

Note: Dollar values are in thousands

Future Benefits	Year 20__	Year 20__	Year 20__	Year 20__ +	Total Future Project Benefits
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Describe the estimated future Capital, O&M, and/or Other benefits noted above:

What functional area(s) will these benefits be reflected in? _____

A representative from the respective functional area is required to be included as a project approver.

Asset Retirement Obligation (ARO) and/ or Environmental Cleanup Costs (Environmental Liabilities):

Is there an ARO associated with this project? No

Are there other environmental cleanup costs associated with this project? No.



Technical Justification

Project Need Statement

Capital funding is needed to address the installation or replacement of distribution line equipment and other items to improve the reliability of the system.

Project Objectives

This program is designed to address the reliability of the distribution system through the installation or replacement of line equipment required to remedy conditions which are causing specific segments of distribution facilities to perform below levels defined by system reliability. It also funds projects which target the worst performing circuits.

Project Scope

Work under this annual will be performed at various locations around the state of NH within the Eversource service territory. This project addresses statewide reliability issues with the distribution system assets not within the Right of Way. Actual charges will accumulate in the individual area work center work orders.

Background / Justification

This is an annual project which is required to maintain reliability of the Company's distribution system.

Business Process and / or Technical Improvements:

Reliability.

Alternatives Considered with Cost Estimates

Not applicable.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Annual program completion	12/31/2021

Regulatory Approvals

The construction budget is submitted to the New Hampshire Public Utilities Commission in accordance with Rule Puc 308.07 using Form E-22. Also on a quarterly basis projects not previously reported in the annual construction budget that have exceeded \$100,000 are reported to the New Hampshire Public Utilities Commission.

Risks and Risk Mitigation Plans

On a monthly basis, capital project spending is reviewed and any risks are identified and managed during that meeting.

References

Not applicable.

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

Not applicable.

Cost Estimate Backup Details

Annual funding for this project was estimated using historical spending level.