EVERSOURCE

Project Approval Form

Project Title: [redacted] 2093 Reconductoring	Project Number: CD02314
Date Prepared: 10/24/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** RELIABILITY IMPROVE SPEC PROJ
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 6/1/2026	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $276.3k	**Authorization Type:** Full Funding

1. Executive Summary

Full Funding is being requested for $276.3k which is 113% of the partial funding request amount. There is no change in project scope. The increased project cost is due to increases in indirect costs associated with the planned project work.

Project CD02314 29A3 [redacted]

The total cost for this project will be $276.3k.

Division: Central
District: Tolland AWC
City/Town(s): East Hartland
Circuit(s) [redacted]

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2026	2027	2028+	Total
Internal Labor and Construction Equipment	39.0	0.0	0.0	39.0
Outside Services	7.5	0.0	0.0	7.5
Materials	31.3	0.0	0.0	31.3
Removals	21.2	0.0	0.0	21.2
Other	19.3	0.0	0.0	19.3
Risk and Contingency	0.0	0.0	0.0	0.0
Subtotal	**118.2**	**0.0**	**0.0**	**118.2**

Indirect Capital Costs	2026	2027	2028+	Total
Indirects/Overheads (including benefits)	158.1	0.0	0.0	158.1
Capitalized interest or AFUDC, if any	0.0	0.0	0.0	0.0
Subtotal	**158.1**	**0.0**	**0.0**	**158.1**

Total Capital Costs (Gross)	**276.3**	**0.0**	**0.0**	**276.3**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net)	**276.3**	**0.0**	**0.0**	**276.3**

Explain unique payment provisions, if applicable:

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]. The relevant outage history for the past 4 years is shown below:

Start Time	Device Location	Weather Type	Cause Type	Customer Affected	Customer	Duration	Is IEEE Storm
[redacted]							

b. Project Need

[redacted]

[redacted]

c. Project Scope

To resolve the above issues, this project proposes the following under preferred option 2:

[redacted]

Major Material

3.	4,750’	477 175 Mil Tree Wire (1-PH)
4.	1	65k Trip Saver, 100A Body
5.	1	40k Trip Saver, 100A Body
6.	1	25k Trip Saver, 40A Body

4. Alternatives Considered

NWS Exclusion Criteria (select all that apply)

☐ Project cost < $250k	☐ New Service
☐ CDOT Relocation	☐ Generator interconnection project
☒ Maintenance, Asset condition or safety related*	

*Maintenance, Asset condition or safety related justification:
CD02314 is a reliability driven project which seeks to address ageing infrastructure and poor asset health along a long lateral tape with heavy tree exposure in East Hartland, CT. [redacted] In order to address the poor reliability for the customers in this area, the ageing infrastructure needs to be addressed. An NWS would not provide the proper system improvement for addressing these concerns.

Project Option Comparison

Design Criteria	Option

[redacted]

Authorization Type	Partial	Full	Partial
Capital Cost	$213k	$276k	$873k
Expense Cost	$12k	$15k	$50k
Total Cost	$225k	$291k	$923k
Total Cost / MVA added	N/A	N/A	N/A
Total Cost / CM Saved	N/A	$2.09	N/A
Total Cost / CI Saved	$44.13	$88.61	$3.97
Preferred option		X	

Option Summary

Option 1 suggests solely the [redacted]

The cost of this option is $213k. This is $31k less than the preferred option. This option is not preferred because, while the cost is lower, it offers less reliability benefits to customers fed on Lost Acres Rd. The preferred option would offer significant reliability improvements for a minor addition to cost.

Option 3 is to perform all suggested [redacted]

The cost of this option in $873k. This is $629k more than the preferred option. This option is not preferred because, though eliminates the risk of exposure to customers downstream of P#2093, it is significantly more expensive. Additionally, there is uncertainty towards challenges with running DB cable along Route 179 given geographical concerns.

5. Project Schedule

Add any additional milestones that are pertinent to the project

Milestone/Phase Name	Estimated Date
Partial Approval	5/2024
100% Detailed Engineering Completion	12/2024
Fully Funded	10/2025
Construction Start	12/2025
In Service Date	6/2026

6. Regulatory Decisions

7. Codes and Standards

DSEM.06.341 – Conversion General:
"**CONDUCTORS** – The minimum size primary conductor that shall be converted is #6A copperweld, #631 composite, #4 copper, or #4 ACSR. Any smaller primary conductors shall be replaced."

8. Risk and Contingencies

Contingencies:

Risk Mitigation:

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation

Actual cost higher than estimated due to scope changes.	2026	Low	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	2026	Medium	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2026	Low	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.	2026	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2026	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2026	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
Technological risks involving integration of new technology	2026	Low	Before use of new technology ensure support of standards and manufacturer. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.
Wetlands / Environmentally sensitive area	2026	Low	Use of mats and specialty equipment, only work during certain times of the year.

9. References

References
1.
2.
3.
4.

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

Attachment	Included in Submittal?
A. CD02314 Cost Estimate	*YES*
B. CD02314 One-line	*YES*
C. CD02314 Geographic Map	*YES*
D. CD02314 Load Summary	*YES*
G. CD02314 Full Funding PAF	*YES*
H. CD02314 Initial Funding PAF	*YES*

A. Cost Estimate

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Work Classification

Category: Line
Type: REL1
Type Desc: RELIABILITY IMPROVE SPEC PROJ
Work Type:

Ownership / Management

AWC: Torrington
Statewide: No
Owner: [redacted]
Manager:

Project Information

Status: Prelim Design Approved
SPS #:
AIS Score:
Associated Projects:
Assignment ID:
Patrol Find ID:

Budget Summary - Preferred Option

Option 2 - #6 Removal & Trip Saver Sectionalizing

2026

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
3	[redacted]	Prelim	0	28%	$130,875	$130,875
7	Lost Acres Rd Trip Sectionalizing	Prelim	0	28%	$33,386	$33,386
4	[redacted]	Prelim	0	28%	$94,009	$94,009
				2026 Total:	**$258,270**	**$258,270**
				Total Project:	**$258,270**	**$258,270**

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314

[redacted]

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	Option 1 - #6 Removal	3,4	$224,884	$0	100%	$116.49	$44.13	☐
O2	Option 2 - #6 Removal & Trip Saver Sectionalizing	3,4,7	$258,270	$0	100%	$24.22	$2.09	☑
O3	Option 3 - #6 Removal, Sectionalizing, & UG Extension	3,4,6,7	$923,437	$0	100%	$46.06	$3.97	☐

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Minimum Scope - ETT Trimming	$299,584			$0.00	$0.00
2	Pole Replacements	$306,631			$0.00	$0.00
3	Reconductoring: P#2093 to P#2103	$130,875			$67.72	$25.66
4	Reconductoring P#2103 to P#2107	$94,009			$0.00	$0.00
5	Reconductoring P#2178 to P#2248	$54,107			$0.00	$0.00
6	Route 179 DB Extension	$665,167			$33.14	$2.86
7	Lost Acres Rd Trip Sectionalizing	$33,386			$3.13	$0.27
8	Reconductoring: P#659 to P#2093	$920,151			$0.00	$0.00
9	Reconductoring: P#314 to P#659	$475,431			$0.00	$0.00
10	Option 4 Line Extension	$839,288			$0.00	$0.00
11	#6 Removal and Reconductoring	$149,066			$0.00	$0.00

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Background / Scope

Issue:

Project Description:

Other Considerations:

Revision / ACT Comments:

If we don't do this project, what will happen?

Environmental

Water Pollution: No Change Soil Contamination: No Change Natural Habitats: No Change

Alternatives considered based on Environmental Impact or Description of Aspects Oil Spill Risks Considered? ☐

Safety Concerns With This Project? ☐

Explain:

External Stakeholders

Customer Impact / Involvement

Cust. Impacted: Approx. Pole Count (NU):

Crit. Cust. Impacted: Approx. Pole Count (Other):

Adjoining Property Owner Consent Required: ☐ Town Hearing Required: ☐

Other Utility Pole Custodian Area: ☐ Easement Required: ☐

State Highway Permit Required: ☐

Relocation / New Service

New Srvc. Contact: Requestor Type:

Customer Type: State Highway Project #:

Request Number: Route #:

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-03

General Information

Segment: 3 - Reconductoring: P#2093 to P#2103 Status: Prelim Design Approved

Segment Type: RECONDUCTORING - OTHER Town: HARTLAND Budget Year: 2026

Work Type: LT-Reconductoring Trimming Required: ☐ In Service Date: 12/31/2026

Description: [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: [redacted]

Segment CD02314-03

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$102,246
Contingency Amount:	$28,629
Estimate:	$130,875
Reimbursement:	$0
Net Amount:	**$130,875**

Description:

Item Description	CU	[redacted]	Amount
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge)	23-OH25		$78,405.60
OH WIRE OH - Remove circuit wire (1 phase)	23-OH37		$7,840.56
SECTIONALIZE 1PH Tripsaver	23-OH41A		$16,000.00

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]						
Existing							
Existing							

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-03

Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

General Information

Segment: 4 - Reconductoring P#2103 to P#2107 Status: Prelim Design Approved

Segment Type: RECONDUCTORING - OTHER Town: HARTLAND Budget Year: 2026

Work Type: LT-Reconductoring Trimming Required: ☐ In Service Date: 12/31/2026

Description: [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$73,445
Contingency Amount:	$20,565
Estimate:	$94,009
Reimbursement:	$0
Net Amount:	**$94,009**

Description:

Item Description	CU	[redacted]	Amount
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge)	23-OH25		$66,768.00
OH WIRE OH - Remove circuit wire (1 phase)	23-OH37		$6,676.80

Associated / Impacted Devices

Status	[redacted]	Notes
Existing		

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314

[redacted]

Segment CD02314-07

General Information

Segment: 7 - Lost Acres Rd Trip Sectionalizing
Status: Prelim Design Approved
Segment Type: SECTIONALIZING - OH
Town: HARTLAND
Budget Year: 2026
Work Type: LT-Sctnlzng-Reclosers
Trimming Required: ☐
In Service Date: 6/30/2025
Description: [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-07

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$26,083
Contingency Amount:	$7,303
Estimate:	$33,386
Reimbursement:	$0
Net Amount:	**$33,386**
Description:	

Item Description	CU	[redacted]	Amount
SECTIONALIZE OH - Cutouts or Arresters - 1ph	23-OH19		$1,782.56
SECTIONALIZE 1PH Tripsaver	23-OH41A		$24,000.00
TRAFFIC OH/DB/UG - Traffic Control - Flagger 1 Flagger, 1 Day	23-ALL19		$300.00

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314
29A3 Fuse Pole 2093 Reconductoring

Segment CD02314-07

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]						
Existing							
Existing							
Existing							
Existing							
Existing							
Existing							
Existing							
Existing							

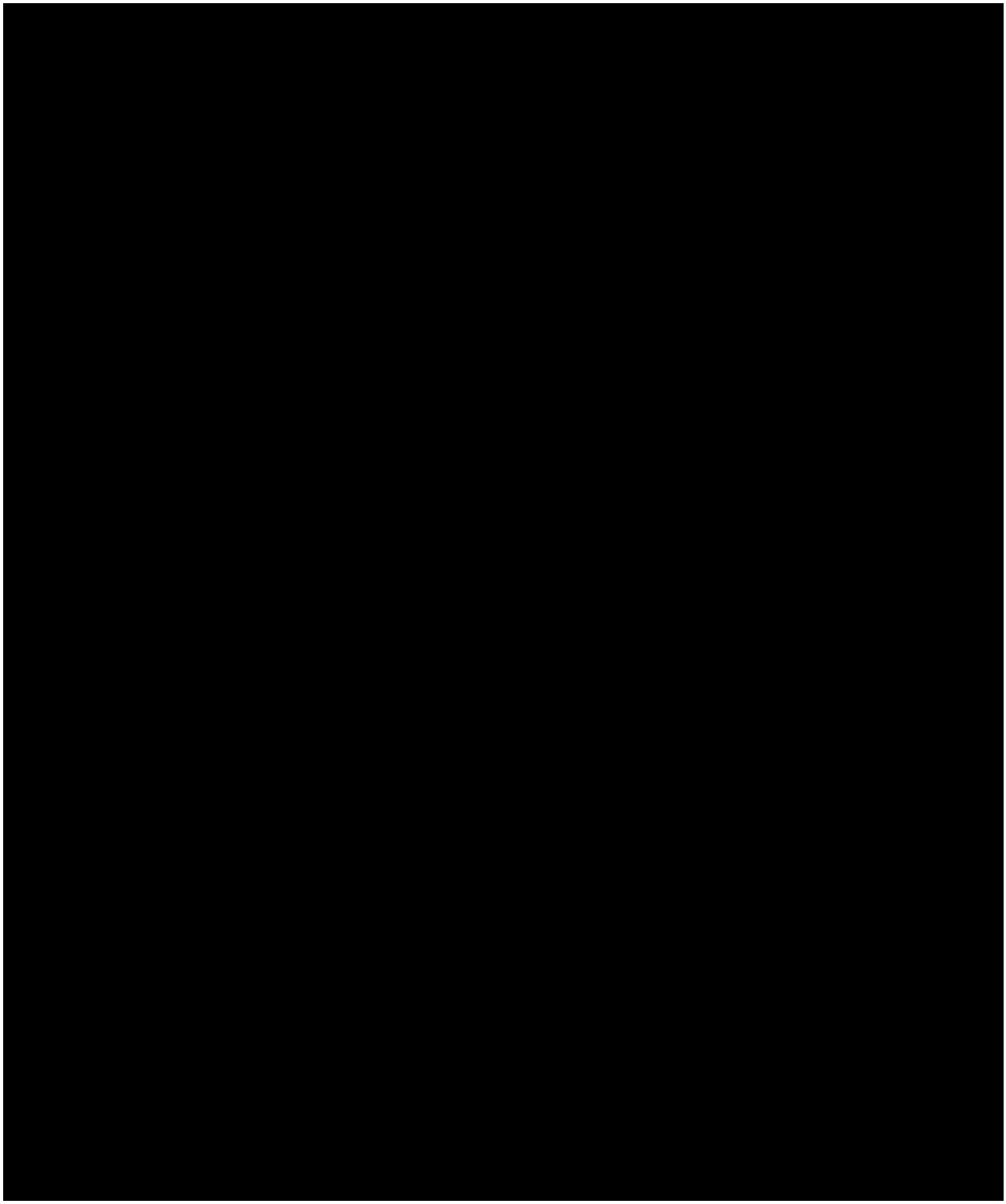
Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

B. Project One-Line



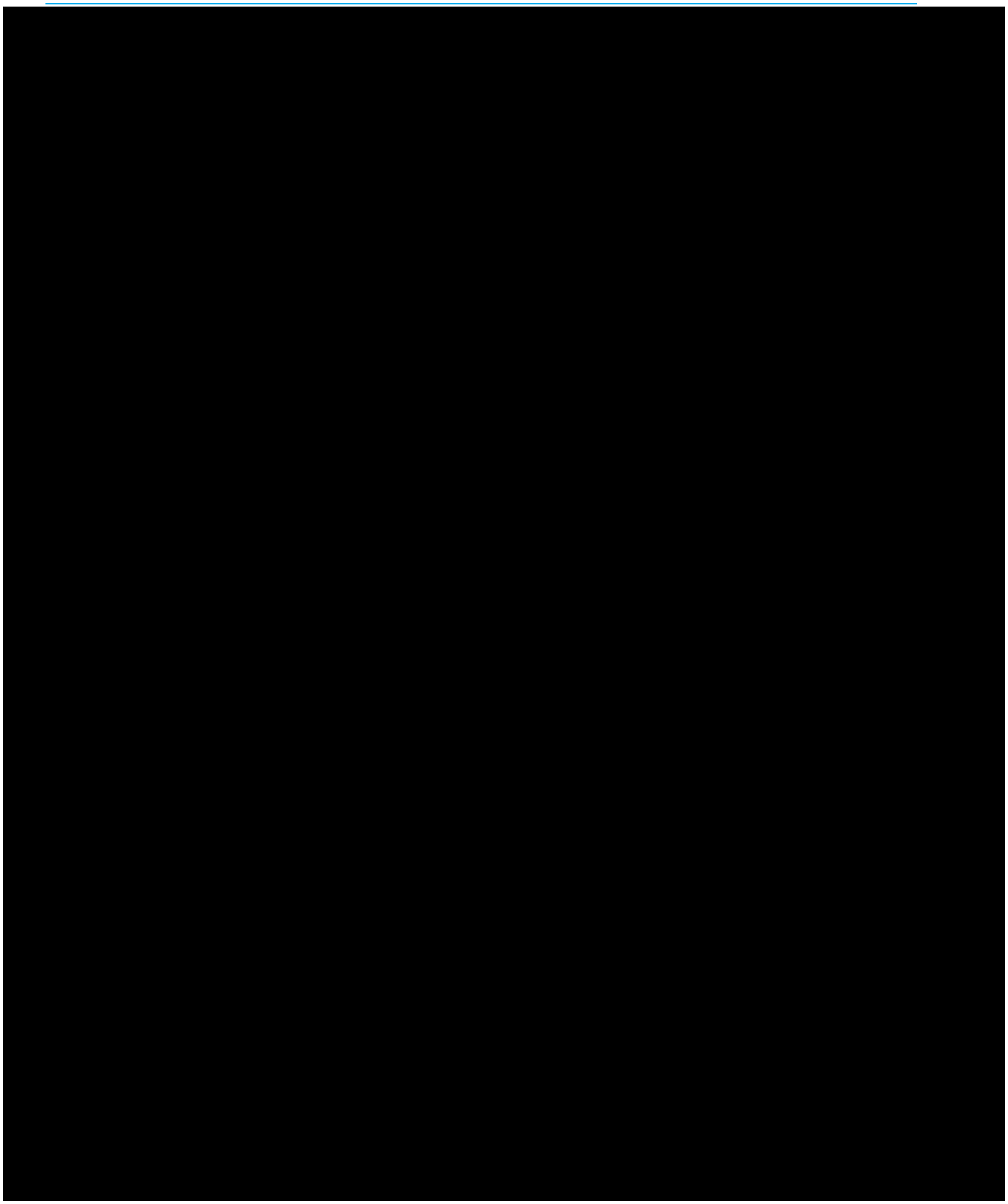
C. Project Geographic Map



Project Approval Form



D. Load Summary



E. PARTIAL FUNDING PAF

EVERSOURCE

Project Approval Form

Project Title: [redacted]	**Project Number: CD02314**
Date Prepared: 05/30/2024	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** RELIABILITY IMPROVE SPEC PROJ
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** No
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 12/31/2026	
Total Capital Request: $244.4k	**Authorization Type:** Partial Funding

11. Executive Summary

[redacted]

The total cost for this project will be $244k.

Division: Central
District: Tolland AWC
City/Town(s): East Hartland

12. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2026	2027	2028+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	12.8	0.0	0.0	12.8
Outside Services	86.7	0.0	0.0	86.7
Materials	34.7	0.0	0.0	34.7
Removals	30.6	0.0	0.0	30.6
Other	1.2	0.0	0.0	1.2
Risk and Contingency	0.0	0.0	0.0	0.0
Subtotal	**165.9**	**0.0**	**0.0**	**165.9**
Indirect Capital Costs	**2026**	**2027**	**2028+**	**Total**
Indirect/Overheads (including benefits)	73.6	0.0	0.0	73.6
Capitalized interest or AFUDC, if any	4.9	0.0	0.0	4.9
Subtotal – Indirect Costs	**78.5**	**0.0**	**0.0**	**78.5**
Total Gross Capital Costs	**244.4**	**0.0**	**0.0**	**244.4**
Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Total Net Capital Project Costs	**244.4**	**0.0**	**0.0**	**244.4**

Explain unique payment provisions, if applicable:

13. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

This project was originally created to address a customer complaint received in June 2023 regarding multiple outages for customers on Fyler Hill Rd, East Hartland. The relevant outage history for the past 4 years is shown below:

Start Time	Device Location	Weather Type	Cause Type	Customer Affected	Customer	Duration	Is IEEE Storm
[redacted]							

b. Project Need

[redacted]

[redacted]

c. Project Scope

To resolve the above issues, this project proposes the following under preferred option 2:

[redacted]

Major Material

3.	4,750’	477 175 Mil Tree Wire (1-PH)
4.	1	65k Trip Saver, 100A Body
5.	1	40k Trip Saver, 100A Body
6.	1	25k Trip Saver, 40A Body

14. Alternatives Considered

Option 1 suggests solely the [redacted]

The cost of this option is $213k. This is $31k less than the preferred option. This option is not preferred because, while the cost is lower, it offers less reliability benefits to customers fed on Lost Acres Rd. The preferred option would offer significant reliability improvements for a minor addition to cost.

Option 3 is to perform all suggested [redacted]

The cost of this option in $873k. This is $629k more than the preferred option. This option is not preferred because, though eliminates the risk of exposure to customers downstream of P#2093, it is significantly more expensive. Additionally, there is uncertainty towards challenges with running DB cable along Route 179 given geographical concerns.

EVERSOURCE

Project Approval Form

Project Option Comparison

	Option		
[redacted]			
Type	Partial	Partial	Partial
Capital Cost	$213k	$244k	$873k
Expense Cost	$12k	$14k	$50k
Total Cost	$225k	$258k	$923k
MVA Added	N/A	N/A	N/A
$/MVA Added	N/A	N/A	N/A
Total Cost / CM Saved	$44.13	$2.09	$3.97
Total Cost / CI Saved	$861.54	$88.61	$316.83

Preferred option		X	

15. Project Schedule

Add any additional milestones that are pertinent to the project

Milestone/Phase Name	Estimated Date
Partial Approval	5/2024
100% Detailed Engineering Completion	12/2024
Fully Funded	1/2025
Construction Start	1/2026
In Service Date	12/2026

16. Codes and Standards

[redacted]

17. Risk and Contingencies

Contingencies: 28% was added as contingency to accommodate any risks that are not yet known and do not yet have mitigation plans.

Risk Mitigation:

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2026	Low	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	2026	Medium	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2026	Low	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.	2026	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2026	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2026	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
Technological risks involving integration of new technology	2026	Low	Before use of new technology ensure support of standards and manufacturer. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.
Wetlands / Environmentally sensitive area	2026	Low	Use of mats and specialty equipment, only work during certain times of the year.

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

Attachment	Included in Submittal?
A. CD02314 Cost Estimate	*YES*
B. CD02314 One-line	*YES*

C. CD02314 Geographic Map	*YES*
D. CD02314 Load Summary	*YES*
E. CD02314 Initial PAF	*YES*

A. Cost Estimate

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Work Classification

Category: Line
Type: REL1
Type Desc: RELIABILITY IMPROVE SPEC PROJ
Work Type:

Ownership / Management

AWC: Torrington
Statewide: No
Owner: [redacted]
Manager:

Project Information

Status: Prelim Design Approved
SPS #:
AIS Score:
Associated Projects:
Assignment ID:
Patrol Find ID:

Budget Summary - Preferred Option

Option 2 - #6 Removal & Trip Saver Sectionalizing

2026

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
3	[redacted]	Prelim	0	28%	$130,875	$130,875
7	Lost Acres Rd Trip Sectionalizing	Prelim	0	28%	$33,386	$33,386
4	[redacted]	Prelim	0	28%	$94,009	$94,009
				2026 Total:	**$258,270**	**$258,270**
				Total Project:	**$258,270**	**$258,270**

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	Option 1 - #6 Removal	3,4	$224,884	$0	100%	$116.49	$44.13	☐
O2	Option 2 - #6 Removal & Trip Saver Sectionalizing	3,4,7	$258,270	$0	100%	$24.22	$2.09	☑
O3	Option 3 - #6 Removal, Sectionalizing, & UG Extension	3,4,6,7	$923,437	$0	100%	$46.06	$3.97	☐

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Minimum Scope - ETT Trimming	$299,584			$0.00	$0.00
2	Pole Replacements	$306,631			$0.00	$0.00
3	[redacted]	$130,875			$67.72	$25.66
4		$94,009			$0.00	$0.00
5		$54,107			$0.00	$0.00
6	Route 179 DB Extension	$665,167			$33.14	$2.86
7	Lost Acres Rd Trip Sectionalizing	$33,386			$3.13	$0.27
8	[redacted]	$920,151			$0.00	$0.00
9		$475,431			$0.00	$0.00
10	Option 4 Line Extension	$839,288			$0.00	$0.00
11	#6 Removal and Reconductoring	$149,066			$0.00	$0.00

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Background / Scope

Issue:

Project Description:

Other Considerations:

Revision / ACT Comments:

If we don't do this project, what will happen?

Environmental

Water Pollution: No Change Soil Contamination: No Change Natural Habitats: No Change

Alternatives considered based on Environmental Impact or Description of Aspects Oil Spill Risks Considered? ☐

Safety Concerns With This Project? ☐

Explain:

External Stakeholders

Customer Impact / Involvement

Cust. Impacted: Approx. Pole Count (NU):

Crit. Cust. Impacted: Approx. Pole Count (Other):

Adjoining Property Owner Consent Required: ☐ Town Hearing Required: ☐

Other Utility Pole Custodian Area: ☐ Easement Required: ☐

State Highway Permit Required: ☐

Relocation / New Service

New Srvc. Contact: Requestor Type:

Customer Type: State Highway Project #:

Request Number: Route #:

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-03

General Information

Segment: 3 - Reconductoring: P#2093 to P#2103 Status: Prelim Design Approved

Segment Type: RECONDUCTORING - OTHER Town: HARTLAND Budget Year: 2026

Work Type: LT-Reconductoring Trimming Required: ☐ In Service Date: 12/31/2026

Description: [redacted]

Itemized Work

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-03

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$102,246
Contingency Amount:	$28,629
Estimate:	$130,875
Reimbursement:	$0
Net Amount:	**$130,875**

Description:

Item Description	CU	Amount
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge)	23-OH25	$78,405.60
OH WIRE OH - Remove circuit wire (1 phase)	23-OH37	$7,840.56
SECTIONALIZE 1PH Tripsaver	23-OH41A	$16,000.00

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]						
Existing							
Existing							

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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-03

Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

General Information

Segment: 4 - Reconductoring P#2103 to P#2107 Status: Prelim Design Approved

Segment Type: RECONDUCTORING - OTHER Town: HARTLAND Budget Year: 2026

Work Type: LT-Reconductoring Trimming Required: ☐ In Service Date: 12/31/2026

Descriptio [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$73,445
Contingency Amount:	$20,565
Estimate:	$94,009
Reimbursement:	$0
Net Amount:	**$94,009**

Description:

Item Description	CU	Amount
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge)	23-OH25	$66,768.00
OH WIRE OH - Remove circuit wire (1 phase)	23-OH37	$6,676.80

[redacted]

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]						

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-04

Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-07

General Information

Segment: 7 - Lost Acres Rd Trip Sectionalizing
Status: Prelim Design Approved
Segment Type: SECTIONALIZING - OH
Town: HARTLAND
Budget Year: 2026
Work Type: LT-Sctnlzng-Reclosers
Trimming Required: ☐
In Service Date: 6/30/2025
Description [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Connecticut Light & Power
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Specific Project Proposal - Project #: CD02314 [redacted]

Segment CD02314-07

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$26,083
Contingency Amount:	$7,303
Estimate:	$33,386
Reimbursement:	$0
Net Amount:	**$33,386**
Description:	

Item Description	CU	[redacted]	Amount
SECTIONALIZE OH - Cutouts or Arresters - 1ph	23-OH19		$1,782.56
SECTIONALIZE 1PH Tripsaver	23-OH41A		$24,000.00
TRAFFIC OH/DB/UG - Traffic Control - Flagger 1 Flagger, 1 Day	23-ALL19		$300.00

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Specific Project Proposal - Project #: CD02314
29A3 Fuse Pole 2093 Reconductoring

Segment CD02314-07

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]	[redacted]					
Existing							
Existing							
Existing							
Existing							
Existing							
Existing							
Existing							
Existing S							

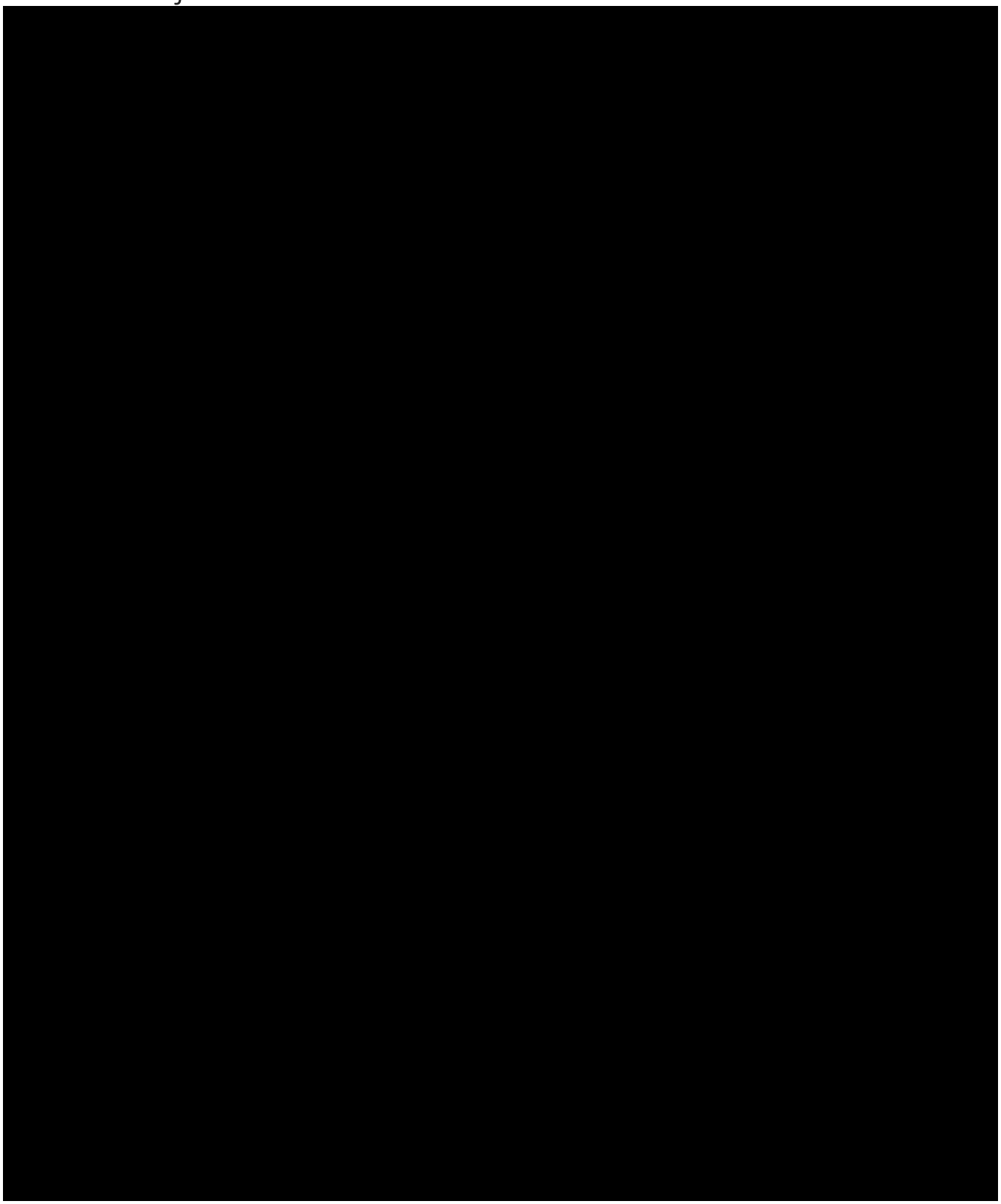
Reliability Projection

Title:

Outage Start Date: 8/7/2019 Outage End Date: 8/7/2023 Years History: 4.00

[redacted]

B. Project One-Line



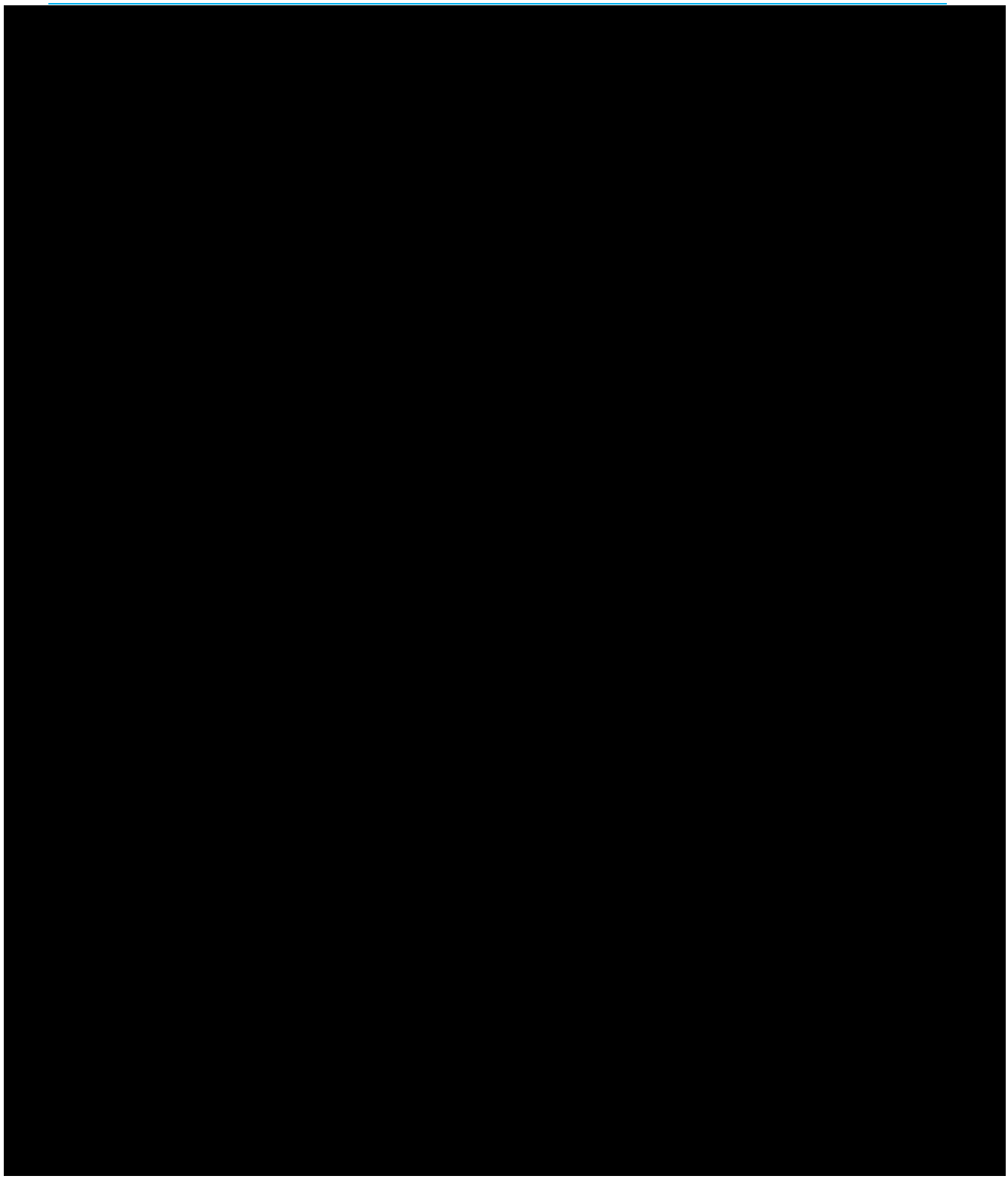
C. Project Geographic Map



Project Approval Form



D. Load Summary



E. Initial PAF

EVERSOURCE

Project Approval Form

Project Title: [redacted] Reconductoring	**Project Number: CD02314**
Date Prepared: 08/16/2023	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Reliability-ED
Project Manager: [redacted]	**Project Type:** Distribution Line Reliability
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** No
	Emergency Related Request? No
Total Request ($): $30k	**Authorization Type:** Initial Funding

1. Project Need Statement

[redacted]

2. Project Objectives

[redacted]. The combination of tree conditions, aging/obsolete infrastructure, the CEMI-8 ranking, and customer complaint all serve to justify the suggested work as outlined. The initial funding amount as requested is $30k.

Project Initiator:_____

Engineering Approval:_____