EVERSOURCE

Project Approval Form

Project Title: [redacted]	**Project Number:** CD02105
Date Prepared: 09/25/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** Distributed Generation
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distributed Energy Resources	**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: 12/31/2025	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $200.7K (100% reimbursable)	**Authorization Type:** Full Funding

1. Executive Summary

Verogy is proposing a 3.00 MW photovoltaic (PV) project, located at [redacted]. The project will interconnect to the [redacted]

- This partial funding estimate of $343.6K was approved on 05/22/2025.
- Full funding is requested for $200.7K, 58% of the approved partial funding estimate.
- The variance between the full funding and partial funding estimate is due to:
  - Tree trimming was not included in full funding due to 900' extension being underground in the detailed design rather than overhead in the Partial PAF going from the riser to the point of interconnect.
  - Traffic control was called out as $40,900 in the partial PAF, this was not included in the detailed design.
  - Detailed design calls for 675' of 4/0 DB cable rather than the original 900'.
  - The estimate in the partial PAF had a 24% contingency, the final funding uses a 7.5% contingency.
- The project is 100% reimbursable by the customer. (Customer paid 100% $458,205 as of 1/1/25)
- Project Location
  - Division: Central
  - District: Hartford AWC
  - City/Town: Windsor

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2025	Total
Internal Labor and Construction Equipment	22.0	22.0
Outside Services	0.0	0.0
Materials	67.1	67.1
Removals	2.9	2.9
Risk and Contingency	14.0	14.0
Other	0.0	0.0
Subtotal	**106.0**	**106.0**

Indirect Capital Costs	2025	Total
Indirects/Overheads (including benefits)	94.7	94.7
Capitalized interest or AFUDC, if any	0.0	0.0
Subtotal	**94.7**	**94.7**
Total Capital Costs (Gross)	**200.7**	**200.7**
Less Total Customer Contribution	**(200.7)**	**(200.7)**
Project Costs (Net of Reimbursement)	**0.0**	**0.0**

3. Technical Justification

a. Background

- Generator Interconnection request

b. Project Need

The goal of this project is to provide service to the DER applicant to allow their generator to interconnect to the Eversource EPS.

c. Project Scope



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*	

No alternatives were considered in the design of this project.

5. Project Schedule

Milestone/Phase Name	Estimated Date
Partial Approval	07/18/2023
100% Detailed Engineering Completion	05/15/2025
Fully Funded	10/15/2025
Construction Start	11/15/2025
In Service Date	12/31/2025

6. Regulatory Decisions

N/A

7. Codes and Standards

N/A

8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2025	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	2025	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2025	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.	2025	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2025	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2025	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2025	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	2025	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	2025	Low	Use of mats and specialty equipment, only work during certain times of the year.

9. References

References
1. N/A

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

Attachment	Included in Submittal?
A. Partial Funding PAF	*YES*

A. Partial Funding PAF

Project Title: [redacted]	**Project Number:** CD02105
Date Prepared: 05/02/2025	**Company:** Eversource CT
Organization: Distributed Energy Resource Planning	**Project Category:** Distributed Generation
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distributed Energy Resources	**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: 10/01/2025	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $343,600 (100%	**Authorization Type:** Partial Funding

1. Executive Summary

The purpose of this request is to approve the 100% reimbursable ENG estimate of $343,600. This preliminary engineering estimate includes a 24% contingency for a projected 10/01/2025 , in service date. Note, the total gross capital does not include the CIAC tax or witness test cost.

Verogy is proposing a 3.00 MW photovoltaic (PV) project, located at [redacted] Windsor. The project will interconnect to the [redacted]

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[redacted]

Note: Dollar values are in thousands.

Capital Costs	Year 2025	Year 2026	Year 2027	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	32.2	0.0	0.0	32.2
Outside Services	62.8	0.0	0.0	62.8
Materials	54.8	0.0	0.0	54.8
Removals	54.4	0.0	0.0	54.4
Risk and Contingency	12.9	0.0	0.0	12.9
Other	0.0	0.0	0.0	0.0
Subtotal – Direct Costs	**217.1**	0.0	0.0	**217.1**
Indirect Capital Costs				
Indirect/Overheads (including benefits)	122.7	0.0	0.0	122.7
Capitalized interest or AFUDC, if any	3.8	0.0	0.0	3.8
Subtotal – Indirect Costs	**126.5**	0.0	0.0	**126.5**
Total Gross Capital Costs	**343.6**	0.0	0.0	**343.6**
Customer Contribution	-343.6	0.0	0.0	-343.6
Total Net Capital Project Costs	**0.0**	**0.0**	**0.0**	**0.0**

Distribution cost	$396,700
CIAC 15%	$59,505

Refer to Distribution Capital Project Approval Process
JA-AM-2001-B, Rev.5

Total Distribution cost	$456,205
Witness Test	$2,000
TOTAL COST **paid by customer**	**$458,205**

2. Technical Justification

The customer will need a new three phase service with one primary meter and recloser.

The goal of this project is to provide service to the DER applicant to allow their generator to interconnect to the Eversource EPS. This project proposes the installation of a site-dedicated recloser and primary meter.

a. Background

- Generator Interconnection request

b. Project Need

[redacted]

c. Project Scope

[redacted]



3. Alternatives Considered

- None in this case

4. Project Schedule

Milestone/Phase Name	Estimated Date
Partial Approval	07/18/2023
100% Detailed Engineering Completion	05/15/2025
Fully Funded	05/15/2025
Construction Start	05/15/2025
In Service Date	10/01/2025

5. Regulatory Decisions

Compliance with interconnection requirements as dictated by PURA

6. Codes and Standards

i. ES Standards Bookshelf
ii. Generator Interconnection Guidelines including IEEE1547 references.

7. Risk and Contingencies

Contingencies: None required

Risk Mitigation: None required

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2025	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
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Wetlands / Environmentally sensitive area	2025	Low	Use of mats and specialty equipment, only work during certain times of the year.

8. References

References
1. DSEM- Distributed Generation- Remote monitoring and control- 7.0
2. DSEM- Distributed Generation- General Standards- Large scale DER 1.4.1
3. DSEM- New Service- NB-3-7a
4. DER Planning Guide

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

Attachment	Included in Submittal?
A. Cost Estimate	*YES*
B. P6 Schedule	*NO*
C. Geographic Map	*YES*
D. System and Station One-Lines	*NO*
E. Other	*N/A*
F.	

