



# Residential New Construction 2024 Project Application

ENERGIZE CONNECTICUT<sup>SM</sup>

## INSTRUCTIONS:

1. The Residential New Construction (“RNC”) program is available to customers building a home or significant rehabilitation project within the residential service territory of United Illuminating, subsidiary of AVANGRID, Inc. (“UI”), and The Connecticut Light and Power Company, doing business as Eversource Energy (“Eversource” and with United Illuminating, “Utilities”). To apply, the applicant must first fill out the project contacts and project information below. A certified HERS Rater must be contracted by the applicant. A list of HERS Raters and a description of what is included in their services can be found in the new construction and building efficiency solution area on [EnergizeCT.com](https://www.energizect.com)

2. In order to be eligible for incentives through the RNC program, homes/dwelling units must utilize all-electric equipment for space heating, water heating, oven/range and clothes drying. Fossil fuel burning combustion appliances for space heating, water heating, oven/range or clothes drying are not permitted. All air source heat pumps installed for space heating must be listed on the Energize CT Heat Pump Qualified Product List.

### FILLING OUT THIS FORM DOES NOT AUTOMATICALLY QUALIFY YOU FOR THE RESIDENTIAL NEW CONSTRUCTION PROGRAM.

3. Upon submitting the application, the Utilities will review the application and sign it if the requirements have been met. If they have not, or if additional upgrades can be made, the Utility will contact the applicant to discuss all options. The applicant is not bound to the initial specifications; however, any changes are still subject to the minimum requirements listed on this application.

4. Once the home is complete and a final inspection has been completed by a HERS Rater, the applicant and HERS Rater are responsible for submitting the “As Built” required paperwork within two months of completion or the rebate will be forfeited. A HERS Rater may submit the application on behalf of the applicant. Once all paperwork has been submitted and the package has been reviewed by the utility, the payment may be processed and paid TO THE APPLICANT by UI and/or Eversource (applicant might receive separate checks from each utility). Please review the 2024 Residential New Construction Program Requirements and Submission Checklist document for a full listing of required documentation.

**NOTE: RNC projects where residents meet state limited income eligibility requirements (see income eligibility limits on the income eligibility form) will receive an additional 25 percent HERS Rating Path bonus rebate for qualifying measures on this application.**

## Project Contacts

Applicant’s First & Last Name (please print):

Applicant’s Mailing Address:

City: State: ZIP:

Telephone: Email:

Applicant’s Company Name (if applicable):

Name of HERS Rater:

Name of HERS Rating Company:

Builder Company Name:

Builder Contact Name:

Telephone: Email:

## Project Information

Project Name (if applicable):

Project Location (Address and City):

Construction Start Date: Expected Completion Date:

Permit Number (Optional): No. of Buildings in Project: No. of Units in Project:

Electric Utility (check one):

Eversource  UI

Unit Type:

Single Family Detached  Multifamily  Single Family Attached

Project Type:

Market Rate  Low Income (Below 60% State Median Income)

Renewables:

Yes  No

Project completed in phases? 2024 Unit Completions: 2025 Unit Completions:

Yes  No

Building Code:

2021 IECC:

Other:

## Contact Information

Eversource  
107 Selden Street, Berlin, CT 06037  
Contact: Nicholas Jones  
Email: [Nicholas.Jones@eversource.com](mailto:Nicholas.Jones@eversource.com)  
Phone: 860-665-5825 Fax: 860-665-3030

or

United Illuminating, SCG and CNG  
60 Marsh Hill Road, M/S 3, Orange, CT 06477  
Email: [UI.RNC@uinet.com](mailto:UI.RNC@uinet.com)  
Phone: 877-947-3873 Fax: 203-499-2800



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## Residential New Construction Rebate Paths

Below is the rebate path for which the Utilities will provide rebates on residential new construction or significant rehabilitation projects. In order to participate, the applicant, at their own expense, must hire the services of a HERS Rater to complete the necessary energy modeling inspections and testing of the home. A list of certified HERS Raters can be found at [EnergizeCT.com](https://energizect.com)

Check the boxes below to indicate which track the home will follow and fill out the initial plan section:

<input type="checkbox"/> HERS Rating Path <input type="checkbox"/> High Performance Certification Bonus Rebate	<b>Initial Plan (Before Construction)</b>		<b>As-Built (Post-Construction)</b>	
	HERS Index (as Designed)		HERS Index (as Built):	
	Applicant Rebate	\$	Applicant Rebate	\$

## All-Electric Home & High Performance Certification Bonus Incentives

### All-Electric Home Incentive

Requirements	Tier	Single Family Applicant Rebate	Single Family Attached Applicant Rebate	Multifamily Applicant Rebate
1. Projects pursuing the All-Electric Home Incentive must be built to the specifications indicated on the All-Electric Home Specification form(s) (Pages 3-4) 2. Incentives capped at \$500,000 per project (Tier 1), \$750,000 per project (Tier 2), and \$1,000,000 per project (Tier 3)	<input type="checkbox"/> Tier 1	\$7,500	\$3,000	\$1,500
	<input type="checkbox"/> Tier 2	\$10,000	\$4,000	\$2,500
	<input type="checkbox"/> Tier 3	\$12,500	\$5,000	\$3,500

### Heat Pump Adder Incentive

Requirements	CEE Tier/ENERGY STAR®	Single Family Applicant Rebate	Single Family Attached Applicant Rebate	Multifamily Applicant Rebate
Air source heat pump systems must meet Consortium for Energy Efficiency (CEE) Tier 2 specifications.	CEE Tier 2 (Air Source)	\$125/Ton (\$500 Cap/Unit)		\$75/Ton (\$300 Cap/Unit)
Ground source heat pumps must meet current ENERGY STAR certified requirements.	ENERGY STAR (Ground Source)	\$250/Ton (\$1000 Cap/Unit)		\$125/Ton (\$500 Cap/Unit)

### High Performance Certification Rebate Chart

Requirements	Qualifying Criteria (Please check all that apply)	Single Family Applicant Rebate	Single Family Attached Applicant Rebate	Multifamily Applicant Rebate
1. Additional energy modeling and design incentives available for Single Family Attached and Multifamily Passive House projects with 5 or more units. Please refer to Passive House Incentives form. 2. Must provide all proper documentation for certification. 3. Passive House Certification Bonus Project cap is \$60,000; all other certification bonus project caps limited to \$20,000. 4. Rebate is available for up to a maximum of two certifications per home. 5. All projects must provide HERS Rating documentation from HERS Rating Path participation, above.	<input type="checkbox"/> Passive House*	\$1,000	\$1,500	\$1,500
	<input type="checkbox"/> DOE Zero Energy Ready Home	\$750	\$500	\$500
	<input type="checkbox"/> LEED for Homes	\$500	\$250	\$250
	<input type="checkbox"/> NGBS Silver	\$500	\$250	\$250
	<input type="checkbox"/> ENERGY STAR	\$500	\$250	\$250

\*Living Building Challenge projects will also be considered for additional incentives under Passive House incentive on a project-by-project basis. Consult with Utility Program Administrator on these projects.

\*\*Homes applying/qualified for Tier 2 and 3 HERS Rating must meet the 2024 Zero Energy Ready Home PV-Ready Checklist (Connecticut Version). Details are listed on the "2024 Residential New Construction Program Requirements and Submission Checklist."

## Summary of Rebates: Total for Entire Project

Measures	Initial Plan		As-Built	
	Applicant Rebate	Estimated Total	Applicant Rebate	Installed Total
All-Electric Home Incentive	Applicant Rebate	\$	Applicant Rebate	\$
Additional Project Incentives	Applicant Rebate	\$	Applicant Rebate	\$
	<b>Estimated Total (For the Entire Project)</b>	\$	<b>Estimated Total (For the Entire Project)</b>	\$



## All-Electric Home Specification Sheet

Multifamily Dwellings			
	Tier 1	Tier 2	Tier 3
Total UA Alternative Compliance or HERS Index Score <sup>1</sup>	Total UA ≥ 7.5% better than 2021 IECC or HERS Index Score ≤ 55	Total UA ≥ 15% better than 2021 IECC or HERS Index Score ≤ 45	Total UA ≥ 25% better than 2021 IECC or HERS Index Score ≤ 15
Heat Pump (Space Heating) <sup>2</sup>	Required		
Space Conditioning Connectivity & Controls <sup>3</sup>	Optional	Required	
Heat Pump (Domestic Hot Water) <sup>4</sup>	Optional	Required	
Hot Water Distribution Efficiency <sup>5</sup>	Optional	Required	
Envelope Infiltration Rate	CFA <sup>6</sup> > 850 sq. ft. : ACH <sub>50</sub> ≤ 4.0	CFA <sup>6</sup> > 850 sq. ft. : ACH <sub>50</sub> ≤ 3.0	CFA <sup>6</sup> > 850 sq. ft. : ACH <sub>50</sub> ≤ 2.5
	CFA <sup>6</sup> < 850 sq. ft. : ACH <sub>50</sub> ≤ 5.0	CFA <sup>6</sup> < 850 sq. ft. : ACH <sub>50</sub> ≤ 4.0	CFA <sup>6</sup> < 850 sq. ft. : ACH <sub>50</sub> ≤ 3.0
Duct Leakage Rate (CFM)	2021 IECC code minimum requirements		All ductwork must be located in conditioned space
Balanced Ventilation Systems	Optional	Required HRV/ERV (≥ 70% SRE <sup>7</sup> / ≥ 40% TRE <sup>8</sup> )	
Induction Cooking <sup>9</sup>	Optional		Required
Electric Vehicle Readiness <sup>10</sup>	Required		
Solar PV <sup>11</sup>	Optional		Required

<sup>1</sup> HERS Index Score calculated before on-site generation for Tiers 1&2; HERS Index Score must be ≥ 40 before on-site generation for Tier 3

<sup>2</sup> Installed individual heat pump systems must be listed on the EnergizeCT Heat Pump Qualified Product List; Centralized heat pump systems must be greater than minimum federal standard efficiency

<sup>3</sup> Must meet EPA "connected" criteria, ENERGY STAR™ Certified Smart Thermostat criteria, or must be Wi-Fi enabled thermostat; Space Conditioning Connectivity not required for central heat pump systems

<sup>4</sup> Heat Pump Water Heaters (HPWH) must meet minimum performance standards for the EnergizeCT Heat Pump Water Heater rebate program; In scenarios where heat pump water heaters (HPWH) cannot be installed due to design limitations, electric resistance storage water heaters can be used, but must meet specific distribution and system efficiency requirements. See EnergizeCT Multifamily Heat Pump Water Heater Guidelines for more details on these standards.

<sup>5</sup> All DHW fixtures must be WaterSense™ certified or equivalent & all DHW piping insulated to ≥ R-3

<sup>6</sup> CFA = Conditioned floor area

<sup>7</sup> SRE = Sensible recovery efficiency

<sup>8</sup> TRE = Total recovery efficiency

<sup>9</sup> Cooking must be all-electric for range/oven; Induction cooking not required for low-to-moderate income housing

<sup>10</sup> CT EV-Ready Checklist required

<sup>11</sup> Solar PV must be designed and installed to meet at least 80% of the annual energy usage of the residential dwelling units in the building



## All-Electric Home Specification Sheet

### Single Family & Single Family Attached Dwellings

	Tier 1	Tier 2	Tier 3
Total UA Alternative Compliance or HERS Index Score <sup>1</sup>	Total UA ≥ 7.5% better than 2021 IECC or HERS Index Score ≤ 55	Total UA ≥ 15% better than 2021 IECC or HERS Index Score ≤ 45	Total UA ≥ 25% better than 2021 IECC or HERS Index Score ≤ 10
Heat Pump (Space Heating) <sup>2</sup>	Required		
Space Conditioning Connectivity & Controls <sup>3</sup>	Optional	Required	
Heat Pump (Domestic Hot Water) <sup>4</sup>	Required		
Hot Water Distribution Efficiency <sup>5</sup>	Required		
Envelope Infiltration Rate (ACH)	ACH50 ≤ 2.5	ACH50 ≤ 2.0	ACH50 ≤ 1.5
Duct Leakage Rate (CFM)	2021 IECC code minimum requirements	All ductwork must be located in conditioned space	
Balanced Ventilation Systems	Optional	Required HRV / ERV (≥70% SRE / ≥40% TRE)	
Induction Cooking <sup>6</sup>	Optional		Required
Electric Vehicle Readiness <sup>7</sup>	Required		
Solar PV <sup>8</sup>	Optional		Required

<sup>1</sup> HERS Index Score calculated before on-site generation for Levels 1 & 2; HERS Index Score must be less than or equal to 40 before on-site generation for Level 3

<sup>2</sup> Installed individual heat pump systems must be listed on the *Energize CT Heat Pump Qualified Product List*; Centralized heat pump systems must be greater than minimum federal standard efficiency

<sup>3</sup> Must meet EPA "connected" criteria, ENERGY STAR Certified Smart Thermostat criteria, or must be Wi-Fi enabled thermostat

<sup>4</sup> Heat Pump Water Heaters (HPWH) must meet minimum performance standards for the *Energize CT Heat Pump Water Heater* rebate program; In scenarios where heat pump water heaters (HPWH) cannot be installed due to design limitations, electric resistance storage water heaters can be used, but must meet specific distribution and system efficiency requirements. See *Energize CT Multifamily Heat Pump Water Heater Guidelines* for more details on these standards.

<sup>5</sup> All DHW fixtures must be WaterSense® certified or equivalent & All DHW piping insulated to ≥R3

<sup>6</sup> Cooking must be electric for range/oven; Induction cookware not required in low-to-moderate income housing

<sup>7</sup> CT EV-Ready Checklist required

<sup>8</sup> Solar PV must be designed and installed to meet at least 80 percent of the annual energy usage of the home or dwelling unit

**TERMS AND CONDITIONS**

These Terms and Conditions are a part of the Project Application for the project listed on this application. Project Application must be submitted prior to completion of home. Necessary inspection may be conducted when measures have been installed.

**Acceptance of Agreement**

A signature by all parties indicates that the applicant's information has been received and that the characteristics listed on the application either meet the RNC program's requirements for the specific rebates for which the applicant is applying or have been discussed by Eversource/UI ("Companies") and applicant. The initial signatures do not bind the applicant to participate in the program. The signature by the property owner (if not the applicant) ensures that he/she is aware that the builder, vendor or other third party is participating in this rebate program and will receive the rebate payment should they meet the necessary criteria. He/she is also aware that a second application may not be submitted for the same property. This application expires two years from the date of approval by the Utility Program Administrator.

<b>Applicant Signature</b> (required):	<b>Print Name:</b>	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Utility Signature</b> (required):	<b>Print Name:</b>	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Homeowner (if not Applicant) Signature</b> (required):	<b>Print Name:</b>	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>HERS Rater Signature</b> (required):	<b>Print Name:</b>	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>

Applications must be signed by the Companies regardless of the electrical and natural gas service territory the project will be located within. This Project Application is in effect for 2 years following the date of acceptance of the Project Application by the Companies. All homes must be completed and ready for inspection within 2 years of the date of acceptance to be eligible to receive any rebates on this application. Any homes not completed within 2 years of the date of acceptance by the Project Application by the Companies may be subject to changes in the program. Applicants in the Residential New Construction Program may not apply for any additional rebates through the Energize CT residential programs as part of the same home construction which include, but are not limited to, the Upstream HVAC/water heating instant discount program at participating equipment distributors and retailers statewide.

The Builder/Homeowner agrees to allow the Companies and its agents access to the project for the purpose of conducting a Project Inspection(s) to confirm the home(s) has/have been constructed with all of the energy-saving characteristics, materials and equipment listed on the Project Agreement Form(s). All measures must be installed in order to qualify for rebate.

The HERS Rater represents that the project meets all of the national requirements associated with RESNET® approved HERS Rating or the respective certification (ENERGY STAR®, LEED, Passive House, NGBS, DOE Zero Energy Ready) that the project is achieving. The HERS Rater represents that the information in the final HERS Rating file is accurate to the as-built condition of the home. The HERS Rater for the project must be on the CT Residential New Construction Program list of Certified HERS Raters or must be listed on the Energize CT or the utility company websites.

If a HERS Rater submits information in the final HERS Rating file that does not accurately represent the as-built conditions of the home, the RNC Program will remove the HERS rating company from the List of Certified HERS Raters in the RNC Program and the HERS rating company will no longer be able to perform HERS ratings through the RNC Program.

Copies of all receipts with equipment make, model and size documenting the installation of the equipment once the project is complete must be submitted. Equipment includes insulation, HVAC and geothermal machines and hot water heaters. Rebates will not be paid until all appropriate paperwork has been submitted. In the case of HERS rated homes, an electronic HERS Rating file and HERC must be submitted. Please see the "2024 Residential New Construction Program Requirements and Submission Checklist" for a full list of requirements.

The payment of the rebates shown on the Project Application is contingent upon the home(s) being constructed with all of the energy-saving characteristics, materials and equipment listed in the "As Built" portion of the Project Application form(s). Rebates are subject to change at any time without notice. It is the responsibility of the applicant to select and pay for the services of a certified HERS Rater.

Applicant understands that all funding for rebates under this program derives from the Energy Efficiency Fund which is managed, in part, by Eversource and UI and funded, in part, by their customers. Neither Eversource nor UI guarantees the availability of funding for this program, and neither is responsible for any costs or damages incurred by applicant if funding for this program or the Energy Efficiency Fund is reduced or eliminated by the State of Connecticut, the Public Utilities Regulatory Authority (PURA) or other State of Connecticut action. Funding is subject to change at any time without notice.

The Companies assume that the signed applicant is the party to be paid and therefore will make the check payable to him/her. Only one payment will be issued for qualifying rebate for a given unit. A W-9 Form must be submitted at time of application indicating who the payment will be made out to. Builders/owners/vendors will not be permitted to apply separately for the same rebate. These rebates may not be combined with any other utility or energy service offer.

**FORWARD CAPACITY MARKET AND CLASS III CREDITS:**

**ISO-NE CAPACITY PAYMENTS:** By signing this document, and as a condition to receiving a rebate pursuant to this program, the customer acknowledges and agrees that any and all payments, benefits and/or credits associated with or applicable to the customer's participation in the program that is the subject of this Agreement in connection with the ISO New England, Inc. Forward Capacity Market ("FCM") or any existing, successor or replacement markets (including, but not limited to, any and all transitional FCM credits or payments or any and all other capacity-related credits, payments and/or benefits for which such customer is eligible) shall be deemed as and for capacity payments, credits and/or benefits of the Companies, as applicable. The customer hereby assigns to the Companies, as applicable, all of its right, title and interest in and to any and all such capacity payments, credits and/or benefits and agrees to take any and all action, including executing and delivering any and all documentation and/or instruments, as requested by the Companies, as applicable, to evidence the same. FCM means the market for procuring capacity pursuant to ISO-NE Tariff, FERC Electric Tariff No. 3, Section III, Market Rule 1, Section 13, any modifications to the FCM or any successor or replacement market/capacity procurement process.

Any Class III renewable energy credits and/or conservation credits received in connection with this program shall be retained by the Companies pursuant to the laws of the State of Connecticut and/or applicable PURA decision in effect as of the date hereof.

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Energize Connecticut – programs funded by a charge on customer energy bills.