

# 2016 RESIDENTIAL GEOTHERMAL ELIGIBILITY APPLICATION FOR EXISTING HOMES

Valid for all Eversource Energy ("Eversource") and The United Illuminating Company ("UI") residential electric service customers ("Customer") planning to install a residential geothermal system ("System") for an existing home in 2016. Applicants must complete a Home Energy Solutions assessment and meet energy efficiency requirements. **During assessment, interested customers should request completion of the 2016 Residential Geothermal Eligibility Application for Existing Homes ("Application").** The completed Application will indicate the home as passing or needing improvement. If improvements are needed, please attach appropriate documentation. A pre-approved and stamped Final Application is then mailed to the applicant from the utility administrator and the rebate dollars reserved. All installed systems must qualify for any rebate payments. **TO APPLY FOR YOUR REBATE, READ THE PROGRAM REQUIREMENTS ON REVERSE BEFORE PROCEEDING.**

**INSTRUCTIONS:** Please fill out this Application completely, truthfully and accurately and mail it together with the required items outlined in the **Supporting Documentation Checklist** below to:

**EVERSOURCE CUSTOMERS SEND TO:** Eversource  
P.O. Box 270, Hartford, CT 06141-0270  
Fax #: 860-665-3874, Attn.: Nicholas Jones or Email: nicholas.jones@eversource.com

**OR UI CUSTOMERS SEND TO:** The United Illuminating Company  
Attn.: Jenn Parsons, M/S AD-2A, 180 Marsh Hill Road, Orange, CT 06477  
Fax #: 203-499-2800, or Email: jennifer.parsons@uinet.com

## Customer Information

First Name (please print)	Last Name	City	State	Zip
Address (where equipment was installed)		Telephone	Email	
City	State	Zip	Electric Utility (check one)	
Mailing Address (if different from above)		Electric Account Number (as stated on bill)		
		<input type="checkbox"/> Eversource <input type="checkbox"/> UI		
How did you hear about this Program? (check one)				
<input type="checkbox"/> Radio <input type="checkbox"/> Print Ad <input type="checkbox"/> Manufacturer Ad <input type="checkbox"/> Bill Insert <input type="checkbox"/> Website <input type="checkbox"/> Contractor Referral <input type="checkbox"/> Other _____				

## Existing Home Information

Year Built?		* If Home Renovation and/or addition occurring, please complete below: <input type="checkbox"/> Conditioned sq. ft. to be added _____ <input type="checkbox"/> Full Gut Renovation sq. ft. _____ * If new conditioned area exceeds 50% of floor space apply to Residential New Homes Program!
# of Bedrooms		
House sq. ft.		

## System Being Replaced (this section to be completed by contractor)

Make	Model Number	Capacity	Approximate Age	Efficiency

## Proposed Systems (must be matched AHRI rated assemblies)

Estimated Startup	Brand	Tons	Compressor Section Model No.	Fan/Coil Section Model No. (if split coil)	AHRI Reference Number
<b>Select proposed system type:</b>			<b>Minimum ENERGY STAR 2012 Full Load Efficiency Requirements</b>		
<input type="checkbox"/> GLHP – Closed Loop Water to Air			17.1 EER, 3.6 COP Minimum		
<input type="checkbox"/> DX – Direct Expansion Refrigerant			16.0 EER, 3.6 COP Minimum		
<input type="checkbox"/> W to W – Water to Water			16.1 EER, 3.1 COP Minimum		

## Geothermal Contractor Information

Geothermal Contractor Company			
Contractor Name	Contractor License Number	E-mail Address	
Address		Telephone Number	
		(      )	
City	State	Zip	Fax Number
			(      )

## Supporting Documentation Checklist\*

- A Home Energy Solutions assessment service job number.
  - Any follow-up documents indicating your home has been improved to meet minimum program requirements.
- Mail to: Your electric utility at the address listed on the top of this form under INSTRUCTIONS.
- \* These items must accompany each rebate Application form completely and mailed to the applicable address above.

## Sign Here

By signing this form below, I certify that all of the information described on this Application and all documents provided with this Application are accurate and true and that I have read and understand the 2016 Residential Geothermal Eligibility Application for Existing Homes Program guidelines and TERMS AND CONDITIONS on the back of this form. By signing this Application, I further certify that the qualifying System will be installed for use in the Connecticut residential address stated.

<b>Customer Signature (required)</b>	<b>Date</b>	<b>Geothermal Installation Company Name</b>
<b>Home Energy Solutions (HES) Company Name</b>	<b>HES Technician's Signature (required)</b>	<b>Date</b>

## TERMS AND CONDITIONS

**ELIGIBILITY:** Rebates are available to all Connecticut Light & Power doing business as Eversource Energy ("Eversource"), hereinafter referred to as Eversource, and The United Illuminating Company (UI) residential electric service customers ("Customer") planning to install a residential geothermal system ("System") for an existing home in 2016 ("Program"). Applicants must complete a Home Energy Solutions assessment and meet energy efficiency requirements. Qualifying system ("System") must be installed in the service territory of the participating electric utility by a licensed contractor.

### To Be Completed By Home Energy Solutions Technician

Minimum Requirements Insulation:	Pass	Needs Improvement / Current Value
Roof/Attic insulation greater than or equal to R-30	<input type="checkbox"/>	R- _____
Floor over basement greater than or equal to R-19	<input type="checkbox"/>	R- _____
Floor over other unheated space greater than or equal to R-30	<input type="checkbox"/>	R- _____
Above grade exterior walls greater than or equal to R-13	<input type="checkbox"/>	R- _____
Minimum Window Requirements:		
Double Pane or U-value less than or equal to .40 or equivalent (storms + single pane is acceptable)	<input type="checkbox"/>	U= _____
Minimum Air Leakage:		
Tested CFM50 per square foot of conditioned floor area less than or equal to 1CFM50 per square foot of all space to be conditioned	<input type="checkbox"/>	CFM50/sq. ft.= _____

If any of the above requirements are not met at the time of inspection, applicant must submit receipt or other documentation that deficient items have been improved. If home requirements were not met and a second test or inspection is required, additional testing costs will be at the customer's expense.

Additional detail is provided on the Residential Geothermal Performance Rebate Final Application For Existing Homes which will be provided once the home is approved.

New homes and over 50% of total conditioned square footage new additions should apply through the **Residential New Construction Program** at: [www.eversource.com](http://www.eversource.com) or [www.uinet.com](http://www.uinet.com).

To participate in Home Energy Solutions, Call 1-877-WISE-USE (1-877-947-3873)

For Eversource customers: [www.eversource.com](http://www.eversource.com)

For UI Customers: [www.uinet.com](http://www.uinet.com)

**PURPOSE:** The 2016 Residential Geothermal Eligibility Application for Existing Homes ("Program") has been created to:

- 1) Verify existing homes meet required energy efficiency levels to maximize benefit to Customers
- 2) Reserve rebate dollars for the proposed project

**APPLICATION OFFER:** This Program covers Customers planning to install a residential geothermal System for an existing home on or after January 1, 2016 through December 31, 2016. This Application must be filled out completely, truthfully and accurately and signed by the Customer and the Home Energy Solutions technician. Incomplete inspection reports will not be accepted. To find out if needed improvements may have separate program rebates available to assist you, contact your program administrator listed on the front of this Application form. **Details of this Program are subject to change or cancellation without prior notice. This 2016 Residential Geothermal Eligibility Application for Existing Homes ("Application") with required documentation must be postmarked by January 31, 2017. Funding for this rebate Program is limited to the period indicated or while funds last. For more information, please call 877-WISE-USE (877-947-3873).**

#### REQUIREMENTS:

- 1) The home must be assessed by a Eversource or UI approved Home Energy Solutions Technician and meet minimum requirements.
- 2) The System must be ENERGY STAR® rated and meet 2016 efficiency requirements. [www.energystar.gov](http://www.energystar.gov)
- 3) The System must be AHRI rated as assembled. [www.ahridirectory.org](http://www.ahridirectory.org)
- 4) The System must pass a utility verification of installed performance test (VIP).

**APPROVAL AND VERIFICATION:** The home must meet the minimum requirements described. The home may be improved and re-verified. Re-verification may be by any approved auditor. There may be an additional cost for re-verification. You will be notified within three business days if your geothermal project has been approved.

**A stamped Residential Geothermal Performance Rebate Final Application for Existing Homes form will be mailed to the Customer once the home is approved.**

### Minimum Efficiency Levels / Rebate Schedules

Eligible Equipment Type	Minimum Efficiency for Rebate	Rebate Per Ton*
GLHP – Closed Loop Water to Air	17.1 EER <sup>1</sup> / 3.6 COP <sup>2</sup> Minimum	\$500
DX – Direct Expansion Refrigerant	16.0 EER / 3.6 COP Minimum	\$500
W to W – Water to Water	16.1 EER / 3.1 COP Minimum	\$500

1 EER – Energy Efficiency Ratio      2 COP – Coefficient of Performance

\* \$500 per AHRI reported cooling ton in 1/2 ton increments to a maximum of \$1,500 per home.



Empowering you to make  
smart energy choices

