

2011 CONNECTICUT RESIDENTIAL GEOTHERMAL PREQUALIFICATION APPLICATION FOR EXISTING HOMES



**Connecticut
Light & Power**
The Northeast Utilities System



The United Illuminating Company

EMS6607-5 REV. 3-11

Connecticut's Energy Efficiency Programs are funded by a Charge on Customer energy bills.
The Programs are designed to help customers manage their energy usage and cost.

Applications Available at
www.cl-p.com or www.uinet.com

TO RECEIVE YOUR FINAL APPLICATION, PLEASE READ THE PROGRAM REQUIREMENTS ON THE BACK AND SIGN
Please fill out this form completely and mail it to the appropriate address below. You must include: 1) An AHRI reference number, 2) A Home Energy Solutions assessment service job number CT11-***, 3) Any follow up documents indicating your home has been improved to meet minimum program requirements.**

	Incentive	Requirements
<p>CL&P CUSTOMERS SEND TO: The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 Fax # 860-665-3874 Attn. Tammy Wilson wilsotn@nu.com</p> <p style="text-align: center;">or</p> <p>UI CUSTOMERS SEND TO: The United Illuminating Company 157 Church St, MS 1-6B New Haven, Ct 06510 Fax# 203-499-2800 Attn. Michael Chesney michael.chesney@uinet.com</p>	<p>\$500 per AHRI reported cooling ton in ½ ton increments to a maximum of \$1500 per home.</p>	<ol style="list-style-type: none"> 1) The installing contractor must be listed as approved by the CT Clean Energy Fund at www.ctcleanenergy.com 2) The system design must also be approved by the CCEF 3) The home must be assessed by a Home Energy Solutions weatherization contractor and meet minimum requirements 4) The system must be ENERGY STAR® rated and meet 2012 efficiency requirements www.energystar.gov 5) The system must be AHRI rated as assembled www.ahridirectory.org 6) The system must pass a utility verification of installed performance test (VIP).

CUSTOMER INFORMATION

(PLEASE PRINT) CUSTOMER FIRST NAME		LAST NAME		ELECTRIC UTILITY	
ADDRESS (WHERE EQUIPMENT WAS INSTALLED)			CITY	STATE CT	ZIP
MAILING ADDRESS (IF DIFFERENT FROM ABOVE)			CITY	STATE	ZIP
TELEPHONE NUMBER		E-MAIL		ELECTRIC UTILITY ACCT. NUMBER (AS SHOWN ON BILL)	

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. _____ <i>*If new conditioned area exceeds 50% of floor space apply to Residential New Homes Program!</i>	CURRENT PRIMARY HEATING SYSTEM FUEL <input type="checkbox"/> Electric Baseboard/Panel/Furnace <input type="checkbox"/> Oil <input type="checkbox"/> Electric Air Heat Pump <input type="checkbox"/> Propane <input type="checkbox"/> Electric Ground Heat Pump <input type="checkbox"/> Nat Gas <input type="checkbox"/> Other	CURRENT COOLING SYSTEM <input type="checkbox"/> Central AC <input type="checkbox"/> Window Unit <input type="checkbox"/> Other <input type="checkbox"/> None
# OF BEDROOMS			
HOUSE SQ. FT.			

ALL 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

<p>Select Proposed System Type:</p> <p><input type="checkbox"/> GLHP Closed Loop Water to Air</p> <p><input type="checkbox"/> DX Direct Expansion Refrigerant</p> <p><input type="checkbox"/> W to W Water to Water.....</p>	<p>Minimum Energy Star 2012 Full Load Efficiency Requirements:</p> <p>17.1 EER, 3.6 COP Minimum</p> <p>16.0 EER, 3.6 COP Minimum</p> <p>16.1 EER, 3.1 COP Minimum</p>
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GEOTHERMAL CONTRACTOR INFORMATION

CONTRACTOR NAME			TELEPHONE NUMBER		
ADDRESS			FAX NUMBER		
CITY	STATE	ZIP	E-MAIL ADDRESS		

TERMS AND CONDITIONS

To BE COMPLETED By HOME ENERGY SOLUTIONS TECHNICIAN

Purpose: The 2011 Geothermal Heat Pump Retrofit Prequalification Application has been created to:

1. Verify existing homes meet required energy efficiency levels to maximize benefit to customers
2. Reserve incentive dollars for the proposed project
3. Notify Connecticut Clean Energy Fund (CCEF) of a geothermal project

Application: This prequalification application must be filled out completely, truthfully and accurately and signed by the customer and the home energy inspector. Incomplete inspection reports will not be accepted.

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 Incentive Final Application for Existing Homes form will be mailed to the customer once the home is approved.**

Once pre-approval is obtained, you have six months to complete the project and submit:

1. A stamped Residential Geothermal Performance Incentive Final Application for Existing Homes form provided by the utility
2. An installation invoice copy
3. A recent electric bill copy
4. An AHRI certification form located at www.ahridirectory.org
5. A Verification of Installed Performance (VIP) worksheet completed on-line by the start up contractor at www.cl-p.com or www.uinet.com

Minimum Requirements Insulation:

Roof/Attic insulation > or = R-30

Floor over basement > or = R-19

Floor over other unheated space > or = R-30

Above grade exterior walls > or = R-13

Minimum Window Requirements:

Double Pane or U-value < or = .40 or equivalent (storm + single pane is acceptable)

Minimum Air Leakage:

Tested CFM 50 per square foot of conditioned floor area < or = 1CFM50 per square foot of all space to be conditioned

Pass /Needs Improvement/ Current Value

R- _____

R- _____

R- _____

R- _____

U= _____

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.

Additional detail is provided on the Residential Geothermal Performance Incentive 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.cl-p.com or www.uinet.com

**To Participate in Home Energy Solutions, Call 1-877-WISE-USE (1-877-947-3873)
For CL&P customers: <https://www.cl-p.com>
For UI Customers: www.uinet.com**

**I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS ON THIS APPLICATION.
I CERTIFY THAT THE INFORMATION I HAVE PROVIDED IS TRUE AND CORRECT AND THE PRODUCT(S) AND EQUIPMENT FOR WHICH THE APPLICANT IS REQUESTING AN INCENTIVE MEETS THE REQUIREMENTS IN THIS APPLICATION.**



CUSTOMER SIGNATURE: _____

DATE: _____

TECH SIGNATURE: _____

DATE: _____

HOME ASSESSMENT COMPANY NAME _____

Home Energy Solutions Job Number: **CT11-** _____