



LONG ISLAND  
BUILDERS INSTITUTE

Advocating Responsible Home Building & Remodeling

# Home Energy Rating Systems (HERS) Rater Training

This RESNET-accredited training is intended to prepare individuals to become certified Home Energy Rating System (HERS) raters. The course covers building science basics, building diagnostics, RESNET (Residential Energy Systems Network) standards for HERS ratings, and use of REM/Rate (Residential Energy Modeling) rating software program. Combustion Safety Training is included. Training is both in class and on site, and culminates with the nationally-standardized HERS rater exam on the fifth day of training after a morning review.

DATE	<u>HERS TRAINING Starting</u>
Mon October 25	<b>All day classroom</b> - AM: Stakeholder Overview, Introduction to Building Science, Thermodynamics, Water Management PM: Overview of Building Enclosure Elements, Blower Door Testing, Duct Blaster Testing, Equipment Hands-On
Tues .October 26	<b>AM Classroom:</b> HVAC Overview, Introduction to Combustion Safety Testing <b>PM Field:</b> Combustion Safety Testing
Wed October 27	<b>All day classroom</b> - AM: Review, Advanced Building Science; Energy-related Calculations; Air Sealing PM: Windows, Insulation, Insulation Installation Quality Assessment, Ventilation Systems
Fri October 29	<b>AM Classroom:</b> Introduction to RESNET / HERS ratings; Energy Efficient Financing; NYESLH Overview; Thermal Bypass Checklist <b>PM Field:</b> Blower Door & Duct Blaster Testing; Field Review of Building Science and Rating-related considerations
Mon Nov 1	<b>All day field:</b> Blower door & duct blaster proficiency observation – instructor to schedule individual sessions
Tuesday Nov 2	<b>AM Classroom:</b> Test Preparations Including Review and Sample Test Questions <b>PM Classroom at CSG:</b> RESNET HERS Rater Exam
Thursday Nov 4	<b>All day classroom-</b> AM: Software Overview, Rating New Homes, Building Takeoffs from Plans PM: Building Takeoffs cont'd, Data Entry, Reports and Analysis
Fri Nov 5	<b>AM Classroom:</b> Rating Existing Homes, In-Field Building Takeoffs <b>PM Field:</b> Data Entry, Reports and Analysis

Sessions are 8:30 AM to 5 PM

All day classroom sessions include lunch

Locations:

Long Island Builders Institute, 1757-8 Veterans Memorial Highway, Islandia, NY 11749

CSG, 3075 Veterans Memorial Highway, Ronkonkoma, NY 11779

Field House : To be announced



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\_\_\_ Classroom and Field Session October 25, 26, 27,29, Nov. 1, 2, 4 and Nov 5, 2010

**Cost for classroom training is \$2100.00 LIBI Members; \$2350. Non-Members Plus Hers Manual \$70.00 Residential Energy \$45.00 = Total Books \$115.00**

**Checks are payable to Long Island Builders Institute**

**Class enrollment limited to 10.** Please note a laptop PC with a wireless connectivity is required.  
All day classroom sessions include lunch ½ day classroom includes snack  
There is a \$50 fee for the test payable online at the time of the test.

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip: \_\_\_\_\_

Work Phone: \_\_\_\_\_ Cell \_\_\_\_\_ Home Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

**LIBI Member** \_\_\_ Yes \_\_\_ No

**Number of Reservations:** \_\_\_\_\_ **Names** \_\_\_\_\_

**Names** \_\_\_\_\_

\_\_\_ **Check enclosed** or \_\_\_ **Master Card** \_\_\_ **Visa** \_\_\_ **American Express** \_\_\_ **Discover**

TOTAL \$ \_\_\_\_\_ CC # \_\_\_\_\_ Exp Date \_\_\_\_\_

NAME ON CREDIT CARD \_\_\_\_\_

**Billing Address** \_\_\_\_\_

**Directions:** From the WEST, take Long Island Expressway (495) to exit 57 toward Rte. 454/Patchogue/Vets Hwy/ Commack, merge onto Expressway Drive South, turn right at Rte. 454 Veterans Memorial Hwy, turn left at first traffic light then right into business park. From the EAST, Long Island Expressway (495) to exit 57 toward Rte. 454/Patchogue/Vets Hwy/ Commack, merge onto Expressway Drive North, turn left at Rte. 454 Veterans Memorial. Hwy. turn left at first traffic light then right into business park

**Mail/fax to Long Island Builders Institute,  
1757-8 Veterans Memorial Highway, Islandia, NY 11749 Fax to 631-232-2349 or if you have  
any questions, please call 631-232-2345, [LOIS@LIBI.ORG](mailto:LOIS@LIBI.ORG)**