

February 2, 2010

Green Building Institute Newsletter

Join GBI

Joining is easy - [just visit our website](#). A yearly membership is only \$50 for an individual or \$75 for a family of two - an outstanding value! Members not only receive discounts on all classes but also gain access to a network of leading thinkers and practitioners working to make the built environment enhance the natural environment.

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In This Issue

GBI Founder, Stanley Sersen, Honored!

HERS Rating Training

February 2nd Network Meeting

Green Building Institute Founder, Stanley Sersen, Honored!



On Thursday, January 28, 2010, the Baltimore, Maryland Chapter of the United States Green Building Council presented Stanley Sersen with a special recognition award for his work in promoting sustainable awareness through the Green Building Institute.

Congratulations to Stanley!

Elysian Energy, LLC and the Green Building Institute to hold HERS Rating Training Program

This class includes a thorough review of basic energy concepts, hands on field experience with blower door and duct blaster, and instruction on performing a complete home energy rating using REM/Rate energy modeling software. This course is designed to prepare students to conduct a field rating, blower door and duct leakage test in the presence of a trainer on Day 5, and to sit for the optional RESNET National HERS Rater Exam offered on Day 6.

This course covers the following topics:

Basic Building Science Concepts and Diagnostics

- House as a system Energy and moisture transfer Thermal envelope and windows Air leakage-common problems and solutions Ventilation and indoor air quality HVAC systems, combustion and venting basics Advanced insulation techniques Basic energy load calculations
- Diagnostic testing using blower door and duct blaster

HERS Ratings

- What are HERS Ratings Conducting the Home Energy Rating How to use rating software How to process a rating Marketing and service delivery Energy mortgages Working with contractors and the bid process
- RESNET rater policies and quality control

Course fee includes the following:

- Training manual and text book- distributed on Day
- 190 day trial version of REMRate rating software
- Lunch will be served.
- **NOTE: the \$50 testing fee for the HERS Rater Exam is *not* included in the course fee and must be paid directly to RESNET via credit card on the day of the exam.**

What to Bring

- PC laptop with power supply (REMRate does not run on Mac)

About the Instructor:

With CSG since 1993 serving key technical roles such as Senior Project Manager (2000-2008), Mark Hutchins now serves as expert trainer for internal and external program collaborators. Experienced in all aspects of residential construction, he provides technical and building science assistance and also manages Quality Assurance functions for compliance with program requirements. Within CSG, Hutchins has certified thousands of ENERGY STAR homes providing prime negotiation and design support to large development

projects in New England, as Project Coordinator; he also managed a ground source heat pump program, as well as establishing a clientele of consulting clients related to existing home solutions and HVAC design.

Hutchins has managed and evaluated field staff, and has overseen baseline, QA/QC, and evaluation projects in New York and Texas. His first position with CSG consisted of two years conducting diagnostics, air and duct sealing and thermal upgrade contract arranging on over 1,000 existing homes. In the 1980s, he worked in a variety of construction trades including form carpentry, framing, and roofing, and has supervised insulation and carpentry work crews building energy efficient homes.

He holds a degree in Civil Engineering from Roger Williams University; is a LEED Accredited Professional; a BPI Building Analyst/Envelope Trainer, Shell Specialist and Certified Proctor; and a RESNET HERS Classroom Instructor and Certified QA Designee.

Registration:

COURSE COST: \$1695 plus materials and exam.

EARLY BIRD REGISTRATION DISCOUNT

Register before March 1st and receive a discount on your registration fee AND a FREE Green Building Institute Green Education Coupon - good for one Institute green education class (a \$55 value)!

[Please click here for registration and more information.](#)

Please join us for our Green Building Network Meeting

February 2, 2010

6:30pm - 8:30pm



The Green Building Network meeting for February 2nd will be sponsored by the Elysian Energy and the Green Building Institute. The topic of the Networking Event will be a presentation of upcoming Home Energy Rating Services (HERS) training on March 22nd - 27th at the Enviro Center. Jim Conlon, of Elysian Energy will do a brief presentation on market trends in building science, why HERS Raters will be in demand and an overview the HERS training program.

To RSVP for this event, please call 443-733-1234, or send an email to: rsvp@greenbuildinginstitute.org



The Green Building Institute, a 501(c)(3) not-for-profit organization, educates the public, building and design professionals about sustainable building practices and technologies.

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