



Building for Social Responsibility

S O L A R H O T W A T E R W O R K S H O P S

SHW Workshop Course Description:

This two day workshop trains building professionals in the art of solar hot water design and installation. Day 1 introduces domestic solar hot water systems, component details, design considerations and installation. Day 2 focuses in on solar space heating potential, advanced system components, software applications for the trade, economic paybacks and incentives. This course is aimed at builders, plumbers, architects and engineers interested broadening their services to clients by offering solar hot water services.



“As a builder looking to incorporate renewable in our homes I really appreciated the fact that the class touched on all aspects of Solar Hot Water installation, including cost analysis, equipment selection and longevity, liability and design. I would recommend this class to anyone interested in taking the next step toward utilizing solar energy.”
 -Andy Leach of Leach Construction

Learning Objectives

Day 1

- * Solar domestic hot water (DSHW) and solar space heating systems.
- * Domestic solar hot water component details.
- * Siting, sizing and design of DSHW.
- * Installation & maintenance for DSHW.
- * Economic payback overview and marketing.
- * Federal and state incentives /REV Solar Partnership

Day 2

- * Solar space heating design details
- * Advanced system components
- * Troubleshooting
- * RET Screen and other software applications.
- * Introduction to solar mathematics
- * Tinker with the training trailer unit!



This is a REV approved Solar Thermal Provisional Partnership course.

16 AIA Continuing Credits Available



Dates & Location

June 27 & 28, 2012

Burlington Area, Location TBD

December 27 & 28, 2012

Montpelier Area, Locations TBD

8:30am-4:30pm, 8hr

Workshop Fees

\$225 One Day Workshop (Day 1)

\$25 BSR & NESEA Member Discount (Sign up and Save)

\$25 Early Registration Discount (Two Weeks prior to workshop date)

\$25 Licensed Plumber Discount

\$400 Two Day Workshop Series

\$50 BSR & NESEA Member Discount (Sign up and Save)

\$50 Early Registration Discount (Two Weeks prior to workshop date)

\$50 Licensed Plumber Discount

Workshops Registration

Call **802.735.2192**

Visit www.bsr-vt.org/shw_workshop

Email hhunter@bsr-vt.org



SHW Workshop Instructor

Michael Horowitz of *Sustainable Solutions* in Marshfield, VT brings over 25 years of experience in renewable energy and green building strategies to the podium. His business focuses on Green Home and Renewable Energy System Design Services. Michael has tailored this course to those wishing to pursue Solar Thermal Application services in the Vermont Cold Climate, his presentation style is responsive to the participants needs and interests. www.sustainablesol.com