

Registration Information



February 1 & 2, 2017

**Sheraton Burlington Hotel & Conference Center
South Burlington, VT**

Join us for the region's premier design and construction conference, which features interactive learning about building durability, efficiency, and value for both residential and commercial projects.

1,000+ Attendees | 40+ Workshops | 50+ Exhibitors



Keynote Speaker:

Ann V. Edminster, Design AVenues LLC



Join us!

Earn continuing education credits

Attend workshops at Better Buildings by Design and earn credits from many of the industry's most recognized organizations. For a complete list of organizations and details on credits, visit www.encyvermont.com/bbd or call 877-248-9900.

Technical workshops

Participate in high-quality presentations throughout both days of the conference. Workshops are 90 minutes long and are held simultaneously in four learning tracks: Envelope, Building Systems, Commercial, and Innovative Design. Over 40 workshops will be offered this year.

Exhibit hall trade show

See the latest innovations in energy-efficient products and services for the design and construction industry. Speak with service providers and manufacturers' representatives about cutting-edge techniques, materials, equipment, and systems for superior building performance, energy efficiency, and indoor air quality.

Best of the Best

Winners of Efficiency Vermont's 2017 Best of the Best Awards in Building Performance and Home Performance with ENERGY STAR®, Residential New Construction, and Commercial Building Design & Construction will be honored on Wednesday, February 1, during the opening session. Throughout the conference, browse inspiring plans, drawings, and photos of the award-winning homes and commercial buildings from this year's design competition.

Session descriptions, exhibition information, speaker bios, workshop presentations (post-conference), and more will be posted on the Efficiency Vermont website at www.encyvermont.com/bbd.






EVENING RECEPTION

Wednesday, February 1, 4:45 pm–7:00 pm

Join other professionals in the exhibit hall for complimentary beverages, hors d'oeuvres, and a cash bar. The reception is open to the public. Please invite your colleagues, clients, subcontractors, and others.

DAY 1: WEDNESDAY, FEBRUARY 1

10:20 AM–11:50 AM CONCURRENT WORKSHOPS

 Basic Building Science	R & C / Introductory
 Considerations for High Wattage Exterior Lighting	R & C / Intermediate
 Cost-effective Applications Toward Net Zero	R / Intermediate
 Drawing on the Past, Designing the Future	C / Intermediate
 Historic Museum Upgrade: Preservation and Dramatic Energy Cost Reduction	C / Intermediate
 Three High-performance Homes, Three Approaches	R / Intermediate

1:20 PM–2:50 PM CONCURRENT WORKSHOPS

 All of the Above: High Design and High Performance in Single-family Home Design	R / Intermediate
 Lighting Control Systems Hands-on Workshop, Part I	C / Introductory
 Airtightness Testing of Larger Buildings	R & C / Advanced
 New Indoor Air Quality Standards for Homes Based on Cognition, Health, Sleep, and Productivity	R / Introductory
 Sweating the (Enclosure) Details	R & C / Advanced
 Using Data to Measure Building Performance, Find Savings Opportunities, and Track Progress	R & C / Advanced

3:15 PM–4:45 PM CONCURRENT WORKSHOPS

 How Low Can You Go? Deep Energy Retrofits in Vermont Commercial Buildings	C / Intermediate
 Lighting Control Systems Hands-on Workshop, Part II	C / Introductory
 Profile of a Passive House–Inspired Home	R / Introductory
 Reassessing Passive Solar Design Principles	R / Intermediate
 The Secrets of Commercial Building Mechanical Systems	C / Intermediate
 What Can Sunny California Teach the Chilly Northeast?	R / Intermediate







Learning Track:

 Envelope  Building Systems  Commercial  Innovative Design







Market Focus: R = Residential; C = Commercial

DAY 2: THURSDAY, FEBRUARY 2

9:00 AM–10:30 AM CONCURRENT WORKSHOPS

 ASHRAE Guideline 36: Advanced HVAC Control Sequences	C / Advanced
 Building Energy Systems for Low-energy Homes: Comparing a Net-zero Home Built in 2016 to a Superinsulated Home Built in 1983 with Renewable Energy Upgrades	R / Intermediate
 Developer-driven Net-positive Building: Challenges, Insights, and Successes	C / Intermediate
 Measuring NZE Home Performance in New York	R / Intermediate
 The Applied Science of Air Barriers	R & C / Introductory
 Top Ten “Outside the Box” Case Studies	R / Intermediate

11:00 AM–12:30 PM CONCURRENT WORKSHOPS

 Elm Place Senior Housing: The Adventures of an Affordable Multifamily Passive House Project in Vermont	R / Intermediate
 Reducing Cost and Complexity with Advanced Lighting Controls	C / Intermediate
 Renovating the Old Hinesburg Police Station to Net-zero Energy	R & C / Intermediate
 Safety and Efficiency Issues for Installed Combustion Equipment	R & C / Introductory
 The Essential Role of Design Vision in the Widespread Adoption of Low-carbon Buildings	R & C / Intermediate
 University of Vermont Medical Center: Approach and Strategy for Sustainable Design and Construction	C / Advanced

Details

Need a place to stay?

Accommodations are available at the Sheraton Burlington at a special rate of \$132 per room plus applicable taxes. Call toll-free 800-325-3535 by January 10, 2017, at 5:00 pm to reserve this rate. Be sure to mention Better Buildings by Design / Efficiency Vermont when making your reservation.

Group discounts

Register four people and get the fifth registration free! Call toll-free 877-248-9900 to learn more about this special discount.

Updates / Questions

To keep posted on updates, visit www.encyvermont.com/bbd.

Questions? Call 877-248-9900 or e-mail info@delaneymeetingevent.com.

DAY 2: THURSDAY, FEBRUARY 2, continued

1:45 PM–3:15 PM CONCURRENT WORKSHOPS

	Balancing Your Energy Investments When Funds Are Limited	R & C / Introductory
	Exploring Energy Modeling Tools in Passive House Design	R / Advanced
	Greatest Energy Efficiency, Minimum Negative Impacts, and Preservation of Dark Skies: New Best Practices for Street and Area Lighting	C / Introductory
	Heat Pumps: The Past, Present, and Future of This Transformative Technology	R & C / Intermediate
	Step Away from the Cliff! Avoiding the Unhealthy Home	R & C / Intermediate
	The Future of Affordable Housing: Maine's Village Center Demonstrates the Potential for Ultra-low-budget Passive House Construction	R & C / Intermediate

3:30 PM–5:00 PM CONCURRENT WORKSHOPS

	Lighting Design for Healthcare Spaces	C / Intermediate
	Making the Invisible Visible: Seeking Value for Efficiency in the Real Estate Market	R & C / Intermediate
	Residential Ventilation: The North American Experience and Its Future	R / Intermediate
	Teach Your Children Well: New Projects Foster a Culture of Sustainability at Amherst College	R & C / Intermediate
	The Thermal Barrier: Where to Place It? Does It Really Matter?	R & C / Intermediate
	Why Build to the Passive House Standard? The Lowest-energy-demand Code in the World	R / Introductory

Thank You

Efficiency Vermont would like to thank the following businesses and organizations for their support of the Better Buildings by Design Conference 2017. View the most recent list of partners, stakeholders, sponsors, and exhibitors online at www.encyvermont.com/bbd.

Premier Partners



Partner



 Follow us on Twitter. Use #BBD17 to follow the Better Buildings by Design Conference 2017.

Registration

Name: _____

Organization Name: _____

Profession: Architect Developer Manufacturer Student
 Builder Engineer Nonprofit Supplier
 Contractor Government Real Estate _____

Organization Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

E-mail: _____

Please send me e-mail updates about the BBD conference.
 Do not share my contact information with sponsors of the BBD conference.
Are you seeking continuing education credits that will need to be submitted by Efficiency Vermont? If self-reporting credits, select "no." Yes No Unsure

Which CEU organizations are you interested in receiving credits for? (Check all that apply.) The three organizations listed below are the only ones that will be directly reported through Efficiency Vermont. Other continuing education credits will be available but are self-reported by the attendee.

American Institute of Architects (AIA), Member ID# _____
 Building Performance Institute, Inc. (BPI), Member ID# _____
 North American Technician Excellence, Inc. (NATE), Member ID# _____

Are you a first-time attendee? Yes No

Are you interested in receiving e-mails about alternative transportation options? (E.g.: carpooling and bus options, and park and ride options) Yes No

Would you like us to share your contact information with others interested in carpooling? Yes (include e-mail address above) No

We are happy to make accommodations for persons with disabilities or other special needs (including dietary). Please let us know:

Register online at www.efficiencyvermont.com/bbd, call 877-248-9900, or mail or fax this form to the address / number listed on side 2.

Registration

One form per person (please feel free to photocopy).

Full Conference Fee

\$275 per person if fee is received *by* January 9, 2017 \$ _____

\$315 per person if fee is received *after* January 9, 2017 \$ _____

\$200 per person student rate* \$ _____

\$340 *per person walk-in fee on first day of event*

One-Day Conference Fee

\$175 per person if fee is received *by* January 9, 2017 \$ _____

\$215 per person if fee is received *after* January 9, 2017 \$ _____

\$100 per person student rate* \$ _____

\$240 *per person walk-in fee on day of event*

Please indicate the day you will be attending:

Wednesday, February 1, 2017 Thursday, February 2, 2017

Total Amount \$ _____

Check (payable to Efficiency Vermont) or

Credit card (type: _____)

Account #: _____ Expiration date: _____

Signature (for credit card payments only):

Name as it appears on credit card:

Billing address (if different from above):

Statement will say Delaney Meeting & Event Management.

*Students must show a current student ID at registration to qualify for the discounted student rate.

FOUR WAYS TO REGISTER:

Online:

www.efficiencyvermont.com/bbd

Phone: 877-248-9900

Fax: 802-865-8066

Mail: Better Buildings by Design 2017

c/o Delaney Meeting &

Event Management

One Mill Street, Suite 315

Burlington, VT 05401

Please fill out both sides of this form • Register by January 9, 2017, and save!