




Efficiency Vermont
BETTER BUILDINGS BY DESIGN

Program

April 27 & 28, 2022
 DoubleTree by Hilton Hotel
 South Burlington, VT

2022 Theme: Pathways to Decarbonization



The impact of Efficiency Vermont's technical, educational, and financial energy efficiency services

THE BENEFITS

Benefits to Vermonters over the lifetime of their 2000-2021 investments in efficient equipment and building improvements:



Over
\$3 billion
will be saved by
Vermonters



Over
13.2 million
metric tons of
pollutants will be avoided



Equivalent to
**removing all
Vermont cars**
for 5 years



20.9 million
MWh will be saved
The electricity it takes to power
153 thousand homes for 20 years



32.2 million
MMBtu will be saved
The fuel it takes to heat over
19 thousand homes for 20 years



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Lake Champlain..... inside back cover

Exhibit Hall Floor Plan

Thanks to Our Sponsors..... back cover

Follow us! Better Buildings by Design 2022 on Twitter. #BBD22

While the Better Buildings by Design conference is hosted by Efficiency Vermont, the views of session speakers are their own. The content of any session presentations do not necessarily reflect any policy or position of Efficiency Vermont, and presentations do not reflect an endorsement of any speaker, any policy, or any mentioned products, manufacturers, technologies, or opinions.

Workshops at-a-Glance

	EMERALD I	EMERALD II	EMERALD III
DAY 1: APRIL 27, 2022			
7:00 AM	Exhibit Hall and Breakfast		
8:30–9:40 AM	Opening Session (Sponsored by Windows & Doors By Brownell): Welcome, EEN Awards, and Peter A. Yost Keynote: Heads Up/Heads Down—The Big Picture and the Details Needed for Deep Energy Retrofits		
9:40–10:00 AM	Break/Transition and Visit with Sponsors		
10:00–11:00 AM	It Ain't Right If It's Only Tight: Durable Whole House Principles Beyond Creating a Tight Building Air Barrier	Conditioning and Compartmentalizing High-Performance Multifamily Buildings	Indoor Air—Made for Thinking
11:00–11:20 AM	Break/Transition and Visit with Sponsors		
11:20 AM–12:20 PM	A Strategic Balance—honoring the past while building for a bright future		
12:00–1:30 PM	Lunch Break (Sponsored by Daikin) and Visit with Sponsors; Lunchtime Sessions (see page 6)		
1:30–2:30 PM	Embodied Carbon Benchmark Studies: Results and Lessons for Low-Rise Builders	The Perfect House, PechaKucha Style	Shaping Equitable Decarbonization
2:30–3:00 PM	Break/Transition and Visit with Sponsors		
3:00–4:30 PM	Keys to Success: Early Design Decisions for Mass Timber Buildings	Thermal Performance Anxiety	Accelerated Building Decarbonization Throughout the Supply Chain
4:30–6:00 PM	Evening reception in Lake Champlain Exhibit Hall—all welcome to attend; 5:00 PM Windows & Doors by Brownell Demonstration		

DAY 2: APRIL 28, 2022			
7:30 AM	Exhibit Hall and Breakfast		
8:30–9:30 AM	Hydronics for Low-Energy and Net-Zero Buildings	From 3,000 to Zero? A Multifamily Deep(ish) Energy Retrofit	The Wingnut Testing Collective: Creating a Real-World Building Material Testing Community
9:30–10:00 AM		Break/Transition and Visit with Sponsors	
10:00–11:00 AM		Taking Action: Making Material Progress for Improving Carbon, Health, and Justice	
11:00–11:15 AM	Break/Transition and Visit with Sponsors		
11:15 AM–12:15 PM	Deep Energy Retrofit Update: EFG's Journey to Net Zero	Delivery Efficiency of Recirculated Domestic Hot Water Systems	The AIA 2030 Commitment: Lessons from One Vermont Design Firm on the Road to Net Zero
12:00–1:30 PM	Lunch Break (Sponsored by Minotair, Inc.) and Visit with Sponsors; Lunchtime Sessions (see page 9)		
1:30 PM	Exhibit Hall Closes		
1:30–3:00 PM	Grow Lighting Decarbonization: From Basements to Commercial Grow Rooms and Greenhouses	Northeast Leadership in Decarbonization of Building Products	Don't Need New Leads? Here's What Your Marketing Should Look Like
3:00–3:15 PM	Break/Transition		
3:15–4:30 PM	Closing Plenary & Call to Action: How Utilities are Supporting Your Decarbonization Efforts (Sponsored by F.W. Webb Company) Kristin Carlson—Green Mountain Power; Paul Lambert—Efficiency Vermont; Neale Lunderville—Vermont Gas Systems; Darren Springer—Burlington Electric Department		
4:30 PM	Conference Adjourns		

DIAMOND I	DIAMOND II	AMPHITHEATRE	VALCOUR
Exhibit Hall and Breakfast			
Break/Transition and Visit with Sponsors			
Affordable Housing Moves Vermont's Energy Future Forward	Building Vermont's Climate Workforce	Smart Homes and Connected Devices on the Road to Decarbonization	
Break/Transition and Visit with Sponsors			
Quality-Assured Ducted Heat Pumps in Vermont: Utilizing ACCA Manual D	Manufacturer Sessions	Work Smarter, Not Harder: Are There Alternative Business Models for Weatherization Contractors	
Lunch Break (Sponsored by Daikin) and Visit with Sponsors; Lunchtime Sessions (see page 6)			
Using Natural Refrigerants in Meeting Your Project Decarbonization Goals	Casa Pasiva: Bringing Passive House (With Tenants in Place) Retrofit Solutions to Scale	Weatherizing Stonybrook Condos in Stowe	
Break/Transition and Visit with Sponsors			
Ground Source Heat Pumps— A Fresh Look		Manufacturer Sessions	
Evening reception in Lake Champlain Exhibit Hall—all welcome to attend; 5:00 PM Windows & Doors by Brownell Demonstration			
Exhibit Hall and Breakfast			
Efficient, Healthy Homes as Reparative Justice	New Innovations in Lighting	The Intersection of Energy Resilience and Decarbonization	
Break/Transition and Visit with Sponsors			
Race Against the Machine	Federal Policies Driving Decarbonization—How Your Company and Customers Can Benefit	The Role of Wood Heating in Building Decarbonization	
	Break/Transition and Visit with Sponsors		
	Sticks and Carrots: The Role of Policy and Incentives in Achieving NZE	Biophilic Design with Windows and Doors	Air to Water Roundtable
Lunch Break (Sponsored by Minotair, Inc.) and Visit with Sponsors; Lunchtime Sessions (see page 9)			
Exhibit Hall Closes			
Fault Detection and Diagnostics Vs. Task-Based Preventative Maintenance		Integrating Electric Vehicles with Buildings and the Grid for Decarbonization and Resiliency	
Break/Transition			
Conference Adjourns			

Workshops DAY 1: APRIL 27, 2022



Download the conference app for session descriptions, speaker bios, and more!

Search "Whova" in the App Store on your iPhone or in Google Play on your Android phone. Once downloaded, search for the event: BBD, in the Explore Events section.

10:00 AM–11:00 AM

+ **Affordable Housing Moves** Commercial & Residential
Vermont's Energy Future Forward **DIAMOND I**
 Seth Leonard—Vermont Housing Finance Agency
 Craig Peltier—Vermont Housing Conservation Board
 Mary Jane Poynter—VEIC
 Gus Seelig—Vermont Housing Conservation Board
1 AIA-HSW, 1 BPI

+ **Building Vermont's Climate Workforce** Residential
DIAMOND II
 Richard Faesy—Energy Futures Group
 Kelly Lucci—Efficiency Vermont
 Cara Robeck—Energy Action Network
Pending approval from AIA, 1 BPI

✦ **It Ain't Right If It's Only Tight: Durable Whole House Principles Beyond Creating a Tight Building Air Barrier** Residential
EMERALD I
 Steve Spatz—Efficiency Vermont
1 AIA-HSW, 1 BPI

🔧 **Smart Homes and Connected Devices on the Road to Decarbonization** Residential
AMPHITHEATRE
 Allison Ross—Efficiency Vermont
 Roger Stolting—EDOS Manufacturers' Reps
 Li Ling Young—VEIC
1 AIA-HSW, 1 BPI

10:00 AM–12:20 PM

🔧 **Conditioning and Compartmentalizing High-Performance Multifamily Buildings** Commercial & Residential
EMERALD II
 Shanti Pless—National Renewable Energy Lab (NREL)
 Mary Jane Poynter—VEIC
 Peter Schneider—VEIC
2.5 AIA-HSW, 2.5 BPI

🔧 **Indoor Air—Made for Thinking** Commercial
EMERALD III
 Dr. Stephanie Taylor—Building4Health, Inc.
2.5 AIA-HSW, 2.5 BPI

Check Whova to see which presenters have provided their presentation slide deck as a PDF.

11:20 AM–12:20 PM

🏠 **A Strategic Balance—honoring the past while building for a bright future** Commercial
EMERALD I
 Evan Douglas—Neagley and Chase Construction
 Megan Nedzinski—Vermont Integrated Architecture PC
 Brian Shupe—Vermont Natural Resources Council
 Kate Stephenson—HELM Construction Solutions
1 AIA-HSW, 1 BPI

⚙️ **Manufacturer sessions** **DIAMOND II**
Water Treatment—Why Pollute Perfectly Good Drinking Water? Commercial
 Daniel Cook—Conservation Solutions Corporation
Air to Water Heat Pumps Today Commercial
 Tim Simpson—Emerson Swan

🔧 **Quality-Assured Ducted Heat Pumps in Vermont: Utilizing ACCA Manual D** Residential
DIAMOND I
 Bill Chidsey—Solar Harvester
 Steve Spatz—Efficiency Vermont
1 AIA-HSW, 1 BPI

+ **Work Smarter, Not Harder: Are There Alternative Business Models for Weatherization Contractors** Residential
AMPHITHEATRE
 Chris Charuk—Vermont Gas Systems
 Elliott Curtin—Weatherization and Renovation of Montpelier (WARM)
 Melanie Paskevich—NeighborWorks of Western Vermont
1 AIA-LU, 1 BPI

12:30 PM–1:20 PM

● **Intro to Peter Yost's/SEON's Train-the-Trainer Program** **WILLSBORO**
 Michael Goetinck—Snowdog Construction
 Guy Payne—SEON
 Peter A. Yost—Building-Wright

● **SpacePak Air to Water Training (F.W. Webb Company Sponsored Session)** **VALCOUR**
 Jim Bashford—F.W. Webb Company

● **The Efficiency Excellence Network: An Overview of Benefits and Requirements** **SHELBURNE**
 Cooper Thompson—Efficiency Vermont

● **Vermont Weatherization Repayment Assistance Program** **AMPHITHEATRE**
 Suzanne Elowson—Efficiency Vermont
 Tim Perrin—Vermont Gas Systems
 Ken Pulido—Vermont Housing Finance Agency

1:30 PM–2:30 PM

 **Casa Pasiva: Bringing Passive House (With Tenants in Place) Retrofit Solutions to Scale** Residential
DIAMOND II

Chris Benedict*—Chris Benedict R.A.
Christopher Mahase*—NYSERDA

1 AIA-HSW

 **Embodied Carbon Benchmark Studies: Results and Lessons for Low-Rise Builders** Residential
EMERALD I

Chris Magwood—Builders for Climate Action

1 AIA-HSW, 1 BPI

 **Shaping Equitable Decarbonization** Commercial & Residential
EMERALD III

Jared Duval—Energy Action Network
Lauren Wentz—Efficiency Vermont
Geoff Wilcox—Vermont Office of Economic Opportunity

1 AIA-HSW, 1 BPI 

 **The Perfect House, PechaKucha Style** Residential
EMERALD II

Alan Benoit—Sustainable Design
Sara DeVico—Building Efficiency Resources, LLC
Brian Just—VEIC
Jacob Deva Racusin—New Frameworks

1 AIA-HSW, 1 BPI

 **Using Natural Refrigerants in Meeting Your Project Decarbonization Goals** Commercial & Residential
DIAMOND I

Ethan Bellavance—VEIC

1 AIA-HSW, 1 BPI

 **Weatherizing Stonybrook Condos in Stowe** Commercial & Residential
AMPHITHEATRE

Jill E. Appel—Jill E. Appel Consulting
Peter G. Engle—Almost Home
Will Reed—Vermont Foam Insulation
Jacob Robichaud—Analyzing Energy, LLC

1 AIA-HSW, 1 BPI

3:00 PM–4:30 PM

 **Accelerated Building Decarbonization Throughout the Supply Chain** Residential
EMERALD III

Tedd Benson—Bensonwood and Unity Homes

1.5 AIA-HSW, 1.5 BPI 

 **Ground Source Heat Pumps—A Fresh Look** Commercial & Residential
DIAMOND I

Alan Benoit—Sustainable Design
Tim Jeffers—Al Jeffers & Sons Plumbing and Heating
Jake Marin—Efficiency Vermont
Patrick O’Gara—Dandelion Energy

1.5 AIA-HSW, 1.5 BPI

 **Keys to Success: Early Design Decisions for Mass Timber Buildings** Commercial
EMERALD I

Karen S. Bushey—VEIC
Ricky McLain—WoodWorks

1.5 AIA-HSW, 1.5 BPI

 **Manufacturer Sessions** AMPHITHEATRE

 **Scaling Residential Net Zero: Space-, Energy- and Resource-Efficient Homes** Residential

Gwendolen St.Sauveur—BTF Residential Designs

 **Glavel: A Foam Glass Aggregate** Commercial & Residential

Alexandra Carroll—Glavel

 **Sustainability Through Contract Furniture** Commercial

Robin Kunstmann—KI
Justin Mikolyski—KI

 **Thermal Performance Anxiety** Commercial & Residential
EMERALD II

Michael Goetinck—Snowdog Construction
Bill Hulstrunk—NatureTech

1.5 AIA-HSW, 1.5 BPI

 These presentations will be recorded and will be available post-conference through Whova for three months.

* Remote presenter.

KEY TO WORKSHOP TRACKS

 Building Systems Sponsored by Ventacity Systems, Inc.

 Commercial Sponsored by Kingspan Insulation, LLC

 Crossroads Sponsored by Zehnder America

 Enclosure Sponsored by 475 High Performance Building Supply

 EEN

 Lunchtime Sessions

 Manufacturer

DAY 2: THURSDAY, APRIL 28

8:30 AM–9:30 AM

✦ Efficient, Healthy Homes as Reparative Justice Residential
DIAMOND I

Elizabeth Chant—Good Trouble, LLC
Li Ling Young—VEIC

1 AIA-HSW, 1 BPI

🔧 From 3,000 to Zero? A Multifamily Deep(ish) Energy Retrofit Residential
EMERALD II

Jake Marin—Efficiency Vermont
Corey Trimmer—3E Thermal
Lauren Wentz—Efficiency Vermont

1 AIA-HSW, 1 BPI

🔧 New Innovations in Lighting Commercial
DIAMOND II

Gabe Arnold—Pacific Northwest National Laboratory

1 AIA-HSW, 1 BPI

✦ The Intersection of Energy Resilience and Decarbonization Commercial & Residential
AMPHITHEATRE

Allison Ross—Efficiency Vermont

1 AIA-HSW, 1 BPI

8:30 AM–11:00 AM

🔧 Hydronics for Low-Energy and Net-Zero Buildings Residential
EMERALD I

John Siegenthaler—Appropriate Designs

2.5 AIA-HSW, 2.5 BPI

✉ The Wingnut Testing Collective: Creating a Real-World Building Material Testing Community Residential
EMERALD III

Nate Gusakov—Zone 6 Energy / Silver Maple Construction
Peter A. Yost—Building-Wright

2.5 AIA-HSW, 2.5 BPI



10:00 AM–11:00 AM

✦ Federal Policies Driving Decarbonization—How Your Company and Customers Can Benefit Commercial & Residential
DIAMOND II

Haley Pero—Office of U.S. Senator Bernie Sanders
Dan Reilly—VEIC

1 AIA-LU, 1 BPI

✦ Taking Action: Making Material Progress for Improving Carbon, Health, and Justice Commercial & Residential
EMERALD II

Charley Stevenson—Integrated Eco Strategy, LLC

1 AIA-HSW, 1 BPI

🔧 The Role of Wood Heating in Building Decarbonization Commercial & Residential
AMPHITHEATRE

Emma Hanson—Vermont Department of Forests, Parks, and Recreation
Andrew Boutin—Pellergy, LLC

1 AIA-HSW, 1 BPI

10:00 AM–12:15 PM

✦ Race Against the Machine Commercial & Residential
DIAMOND I

Dr. Jude Smith Rachel*—Abundant Sun

2 AIA-HSW

11:15 AM–12:15 PM

🗣 Air to Water Roundtable VALCOUR

Jake Marin—Efficiency Vermont
Steve Spatz—Efficiency Vermont

✉ Biophilic Design with Windows and Doors Residential
AMPHITHEATRE

Aaron Linn—Marvin Windows

1 AIA-HSW, 1 BPI

🏠 Deep Energy Retrofit Update: EFG's Journey to Net Zero Commercial
EMERALD I

Richard Faesy—Energy Futures Group
Bruce Harley—Bruce Harley Energy Consulting, LLC

1 AIA-HSW, 1 BPI

🔧 Delivery Efficiency of Recirculated Domestic Hot Water Systems Commercial & Residential
EMERALD II

Nathan Mascolino—VEIC
Charlie Willner—Evernorth

1 AIA-HSW, 1 BPI

✦ Sticks and Carrots: The Role of Policy and Incentives in Achieving NZE Commercial & Residential
DIAMOND II

Chris Burns—Burlington Electric Department
Jennifer Green—Burlington Electric Department
Darren Springer—Burlington Electric Department

1 AIA-HSW, 1 BPI

✦ The AIA 2030 Commitment: Lessons from One Vermont Design Firm on the Road to Net Zero Commercial & Residential
EMERALD III

Matthew Bushey—TruexCullins
Josh Chafe—TruexCullins
Cam Featherstonhaugh—TruexCullins
Zachary Rochman—TruexCullins

1 AIA-HSW, 1 BPI





12:30 PM–1:20 PM

● **Introducing BEAM: The Material Carbon Emission Calculator You've Been Waiting For!** **AMPHITHEATRE**
 Chris Magwood—Builders for Climate Action
 Jacob Deva Racusin—New Frameworks

● **The Efficiency Excellence Network: An Overview of Benefits and Requirements** **SHELBURNE**
 Steve Spatz—Efficiency Vermont

● **The Gas Utility of the Future (Vermont Gas Systems Sponsored Session)** **VALCOUR**
 Morgan Hood—Vermont Gas Systems

1:30 PM–3:00 PM

† **Don't Need New Leads? Here's What Your Marketing Should Look Like** **Residential EMERALD III**
 Kevin Brenner—Healthy Home Energy & Consulting, Inc.
1.5 AIA-LU, 1.5 BPI

✦ **Fault Detection and Diagnostics Vs. Task-Based Preventive Maintenance** **Commercial DIAMOND I**
 Nick Rock—Control Technologies, Inc.
1.5 AIA-HSW, 1.5 BPI

✦ **Grow Lighting Decarbonization: From Basements to Commercial Grow Rooms and Greenhouses** **Commercial & Residential EMERALD I**
 Lauren Morlino—Evergreen Consulting Group, LLC
 Jill O'Connor—Efficiency Vermont
1.5 AIA-HSW, 1.5 BPI

† **Integrating Electric Vehicles with Buildings and the Grid for Decarbonization and Resiliency** **Commercial & Residential AMPHITHEATRE**
 Dave Roberts—VEIC
 Tori Scarzello—Efficiency Vermont
 Peter Schneider—VEIC
1.5 AIA-HSW, 1.5 BPI

† **Northeast Leadership in Decarbonization of Building Products** **Commercial & Residential EMERALD II**
 Rob Conboy—GLAVEL
 Efrie Escott—KieranTimberlake
 Brian Just—VEIC
 Matthew O'Malia—GO Lab, Inc.
1.5 AIA-HSW, 1.5 BPI

EFFECTIVE PARTNERSHIPS
 Efficiency Vermont partnered with over 2500 businesses to deliver efficiency excellence in 2021



1349

Equipment Suppliers



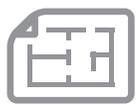
656

Contractor Companies



over 179

Retailers



90

Building and Lighting Design Firms

Efficiency Excellence Network

Partner of the Year

company: **Farnum Insulators, Inc.**

contact: **Chad Farnum**

www.farnuminsulators.com

Nomination criteria:

- A track record of positive customer interactions and feedback.
- Commitment to the principles and concepts needed to advance energy efficiency and drive the adoption of best practices.
- Embrace and promotion of Efficiency Vermont's mission, demonstrated through collaborations with Efficiency Vermont staff to understand and improve services offered and support a positive customer experience in the delivery of these services.

Leadership

company: **Maple Leaf Mechanical**

contact: **Jacob Galvin**

Nomination criteria:

- Cutting edge or innovative approaches, willingness to try something new, participation in pilot programs.
- Influence in the field of energy efficiency.
- Commitment to the principles and concepts needed to advance energy efficiency and drive the adoption of best practices.
- Integration of energy efficient solutions into projects, with a focus on achieving energy goals cost effectively for their customers.

Residential New Construction

Best of the Best

project: **Cliff Street**

company: **Back Tilt Studio**

location: **Norwich, VT**

project partner: **Earthshare Construction**

Nomination criteria:

- Must be a single family detached or attached home (up to 4 units).
- Must have successfully completed the project with Efficiency Vermont between November 1, 2020 and October 31, 2021.
- Demonstration of a comprehensive approach to energy-efficient new construction.

Affordability

winner 1:

project: **KTP Mobile Home Park**

company: **John Graham Housing and Services**

location: **Bristol, VT**

project partners: **KBS Homes, Addison County Community Trust**

winner 2:

project: **Whistlestop Mobile Home Park**

company: **Downstreet Housing and Community Development**

location: **Bradford, VT**

project partner: **KBS Homes**

Nomination criteria:

- Must be a single family detached or attached home (up to 4 units).
- Must have successfully completed the project with Efficiency Vermont between November 1, 2020 and October 31, 2021.
- Affordable construction costs and estimated energy costs.

Healthy Homes

project: **Maple Hill Passive House**

company: **Montpelier Construction**

location: **Calais, VT**

project partner: **Matt Lutz, Architect**

Nomination criteria:

- Must be a single family detached or attached home (up to 4 units).
- Must have successfully completed the project with Efficiency Vermont between November 1, 2020 and October 31, 2021.
- Demonstration of a commitment to healthy home principles.



Commercial New Construction

Small Renovation

building: Vermont Natural Resources Council Headquarters
owner: Vermont Natural Resources Council
entrant: Vermont Integrated Architecture, PC

Large Renovation Category

building: HULA Tech Campus
owner: Scully Interactive / HULA
entrant: Smith-Alvarez-Sienkiewicz Architects

New Construction Category

building: Pomerleau Family YMCA
owner: Greater Burlington YMCA
entrant: Freeman French Freeman (architects)

Nomination criteria for all of Commercial New Construction Awards, weighted as shown:

High Performance (35%)

- Describes how energy efficiency was integrated into the building and system designs, highlighting the critical design and construction strategies implemented to save energy. Demonstrates a comprehensive, whole-building approach to efficiency. Incorporates innovative measures for optimal energy use.

Economics (35%)

- Explains key energy efficiency measures employed in the building, and any known energy or financial impacts. Demonstrates the economic benefits and cost-effectiveness of energy-related measures and strategies.

Building Design (20%)

- Outlines the overall design approach for the purpose and/or site. Highlights the sustainability of the measures or resources incorporated into the design and construction of the building, as well as any non-energy benefits of the measures and strategies chosen.

Presentation (10%)

- Delivers a clear and effective overall presentation of the project.

Exhibitors & Sponsors



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3E Thermal

Second Floor

Randy Drury
802-279-7820 • randy@3ethermal.org
www.3ethermal.org

475 High Performance Building Supply

Silver Sponsor / Booth: 6

Johnny Rezvani
800-995-6329 • john@foursevenfive.com
www.foursevenfive.com

ABCO HVACR Supply + Solutions

Booth: 34

Esther Persons
802-299-7920 • epersons@abco.com
www.abcohvacr.com

Andersen Windows and Doors

Booth: 11

Derek Taylor
717-917-5637 • derek.taylor@andersencorp.com
www.andersenwindows.com

Better Business Bureau

Second Floor

Marisa Eldred
508-652-4864 • meldred@boston.bbb.org
www.bbb.org

Broan

Bronze Sponsor / Booth: 55

John Shafter
617-571-9927 • jack.shafter@broan.com
www.broan-nutone.com

Building Performance Professionals Association of Vermont

Second Floor

Malcolm Gray
802-249-2839 • malcolm@montpelierconstruction.com
www.bppa-vt.org

Burlington Electric Department (BED)

Bronze Sponsor / Second Floor

Christopher Burns
802-865-7300 • cburns@burlingtonelectric.com
www.burlingtonelectric.com

Carroll Concrete

Booth: 32

Erik Palmer
603-863-1000 • epalmer@carrollconcrete.us
www.carrollconcrete.com

Conservation Solutions Corporation

Second Floor

Daniel Cook
978-266-1900 • dcook@conservationsolutions.com
www.conservationsolutions.com

Daikin

Gold Sponsor / Booths: 51 & 52

Douglas Belokopitsky
518-530-7343 • douglas.belokopitsky@daikincomfort.com
www.daikincomfort.com

DuBois & King, Inc.

Bronze Sponsor / Booth: 46

Melissa Stephen
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www.dubois-king.com

EDOS Manufacturers' Reps

Booth: 21

Roger Stolting
203-752-8973 • ryan@edosonline.com
www.edosonline.com

Emerson Swan

Booths: 28 & 29

Todd Daniels
978-502-3502 • tdaniels@emersonswan.com
www.emersonswan.com

Energy Management Consultants, Inc.

Silver Sponsor / Booth: 1

Kayla Kunath
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www.emcinc-online.com

Flynn & Reynolds Agency

Booths: 48 & 49

Gregory Reynolds
508-878-5901 • gregr@flynn-reynolds.com
www.flynn-reynolds.com

F.W. Webb Company

Diamond Sponsor / Booths: 38 & 39

Brian Bradley
802-775-1922 • brjb@fwwebb.com
www.fwwebb.com



F.W. WEBB COMPANY

Green Mountain Power

Bronze Sponsor / Booth: 24

Kristin Kelly
802-318-0872 • kristin.kelly@greenmountainpower.com
www.greenmountainpower.com

Green Mountain Solar

Bronze Sponsor / Booth: 47

Julia Westbrook
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www.greenmntnsolar.com

Huber Engineered Woods

Booth: 22

Katie Gallagher
603-209-1774 • katie.gallagher@huber.com
www.huberwood.com

Johnstone Supply, The Balsan Group

Booths: 60 & 61

Padraic Brown
207-712-0255 • padraic.brown@johnstonesupply.com
www.johnstonesupplybalsangroup.com

Kingspan Insulation, LLC

Silver Sponsor / Booth: 7

Alec Minne
678-589-7320 • alec.minne@kingspan.com
www.kingspaninsulation.us

LFD Solutions

Bronze Sponsor / Booth: 44

Jeff Mann
603-498-3421 • jeff@lfdolutions.net
www.lfesolutions.com/distributors

Loewen Window Center of VT & NH

Booth: 31

Chad Lacasse
802-295-6555 • chad@loewenvtnh.com
www.loewenvtnh.com

Minotair, Inc.

Gold Sponsor / Booth: 10

Alex De Gagné
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www.minotair.com/home_us/

Mitsubishi Electric Trane HVAC US

Booth: 41

Mike Gamberoni
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www.metahvac.com

N.A. Manosh Corp

Booth: 14

Nick Manosh
802-888-5722 • nickm@manosh.com
www.manosh.com

NEREN

Second Floor

Briana Garrett
603-228-9733 • briana@neren.com
www.neren.com

Pella Windows & Doors of Vermont

Bronze Sponsor / Booth: 57

Jeff Stetter
802-498-4682 • jstetter@pellasales.com
www.pellabrand.com/vermont

Pellergy, LLC

Booth: 13

Andrew Boutin
802-477-3224 • andy.boutin@pellergy.com
www.pellergy.com

Power House Energy Consulting

Second Floor

Jared Kain-Woods
413-834-5586 • jkw@powerhouseenergyconsulting.com
www.powerhouseenergyconsulting.com

Prides Corner Farms / LiveRoof

Booth: 15

Ben Lucas
860-710-8512 • blucas@pridescorner.com
www.pridescorner.com; www.liveroof.com

Purmo Group USA d.b.a. Myson

Booth: 17

Bill Johansen
802-654-7500 • ill.johansen@purmogroup.com
www.mysoncomfort.com

RAB Lighting, Inc.

Booth: 59

Colleen McLaughlin
888-722-1000 • colleen.mclaughlin@rablighting.com
www.rablighting.com

**Rheem Water Heaters**

Booth: 12

Mark Loewen
774-502-7791 • mark.loewen@rheem.com
www.rheem.com

ROCKWOOL

Bronze Sponsor / Booth: 58

Pamela Jay
905-749-3024 • pamela.jay@rockwool.com
www.rockwool.com

Rotho Blas USA, Inc.

Bronze Sponsor / Booth: 56

Eleonora Dalfovo
484-889-6353 • eleonora.dalfovo@rothoblaas.com
www.rothoblaas.com

RST Thermal, Inc.

Silver Sponsor / Booth: 42

Maryellen Hickey
781-320-9910 • mehickey@rstthermal.com
www.rstthermal.com

SIGA Cover, Inc.

Bronze Sponsor / Booth: 33

Etienne Gubler
360-338-1687 • etienne.gubler@sigma.swiss
www.siga.swiss

SK & Associates

Booth: 27

Dave Viveiros
802-318-6210 • dviveiros@sk-assoc.com
www.skandassociates.com

SpacePak

Booth: 35

Meagan Harrington
413-348-3125 • maharrington@mestek.com
www.spacepak.com

SRGI

Booth: 36

Joe Geraghty
508-822-3939 • jgeraghty@srgirep.com
www.srgirep.com



State Water Heaters Gold Sponsor / Booths: 53 & 54

Mallory Leahy
617-923-9500 • info@urell.com
www.statewaterheaters.com

SunCommon Booth: 50

Molly Bisulca
609-513-6938 • molly.bisulca@suncommon.com
www.suncommon.com

SunWood Biomass Booth: 45

David Frank
802-496-6666 • dave@sunwoodbiomass.com
www.sunwoodbiomass.com

Swaney Lighting Associates Booth: 16

Dan Ashline
802-316-0346 • dan@swaneylighting.com
www.swaneylighting.com

Thermal Environment Sales Gold Sponsor / Booth: 25 & 26

Jason Hudspath
518-728-6285 • jhudspath@teshvac.com
www.teshvac.com

Thermaxx Jackets Booth: 40

Sarah Claybaugh
206-327-5924 • sclaybaugh@thermaxx.es
www.thermaxxjackets.com

TimberHP by GO Lab Platinum Sponsor / Booths: 2 & 3

Scott Dionne
207-715-3636 • scott@golab.us
www.timberhp.com



TrickleStar, Inc. Booth: 20

Stephan Constant
862-204-9414 • stephan.constant@tricklestar.com
www.tricklestar.com

Ventacity Systems, Inc. Silver Sponsor / Booth: 37

Barry Stephens
888-836-8458 • barry@ventacity.com
www.ventacity.com

Vermont Business Magazine Bronze Sponsor / Second Floor

George Eget
802-345-8872 • george@vermontbiz.com
www.vermontbiz.com

Vermont Department of Health Second Floor

Marielle Strong
802-865-7742 • marielle.strong@vermont.gov
www.healthvermont.gov

Vermont Energy Contracting & Supply Corp. Second Floor

Mark Stephenson
802-658-6055 • mark@vtenergy.com
www.vtenergy.com

Vermont Energy Investment Corporation Platinum Sponsor

Rebecca Foster
802-540-7882 • rfoster@veic.org
www.veic.org



Vermont Gas Systems (VGS) Diamond Sponsor / Booths: 4 & 5

Tiana Smith
970-692-1133 • tsmith@vermontgas.com
www.vgsvt.com



Vermont Passive House Second Floor

Chris Miksic
802-249-1052 • chris@montpelierconstruction.com
www.vermontpassivehouse.org

VHV Company Booth: 18

Mallory Fischer
802-233-6003 • mfischer@vhv.com
www.vhv.com

VSECU Second Floor

Laurie Fielder
802-371-3136 • lfielder@vsecu.com
www.vsecu.com

WaterFurnace International Bronze Sponsor / Booth: 30

Willem Lange
260-442-2814 • will.lange@waterfurnace.com
www.waterfurnace.com

We Clean Heat Pumps, LLC Booth: 23

Tracy Dowd
800-586-9647 • office@wecleanheatpumps.com
www.wecleanheatpumps.com

Windows & Doors By Brownell Diamond Sponsor / Booths: 8 & 9

Jackie Turtur
802-862-4800 • jackie@wdbrownell.com
www.wdbrownell.com



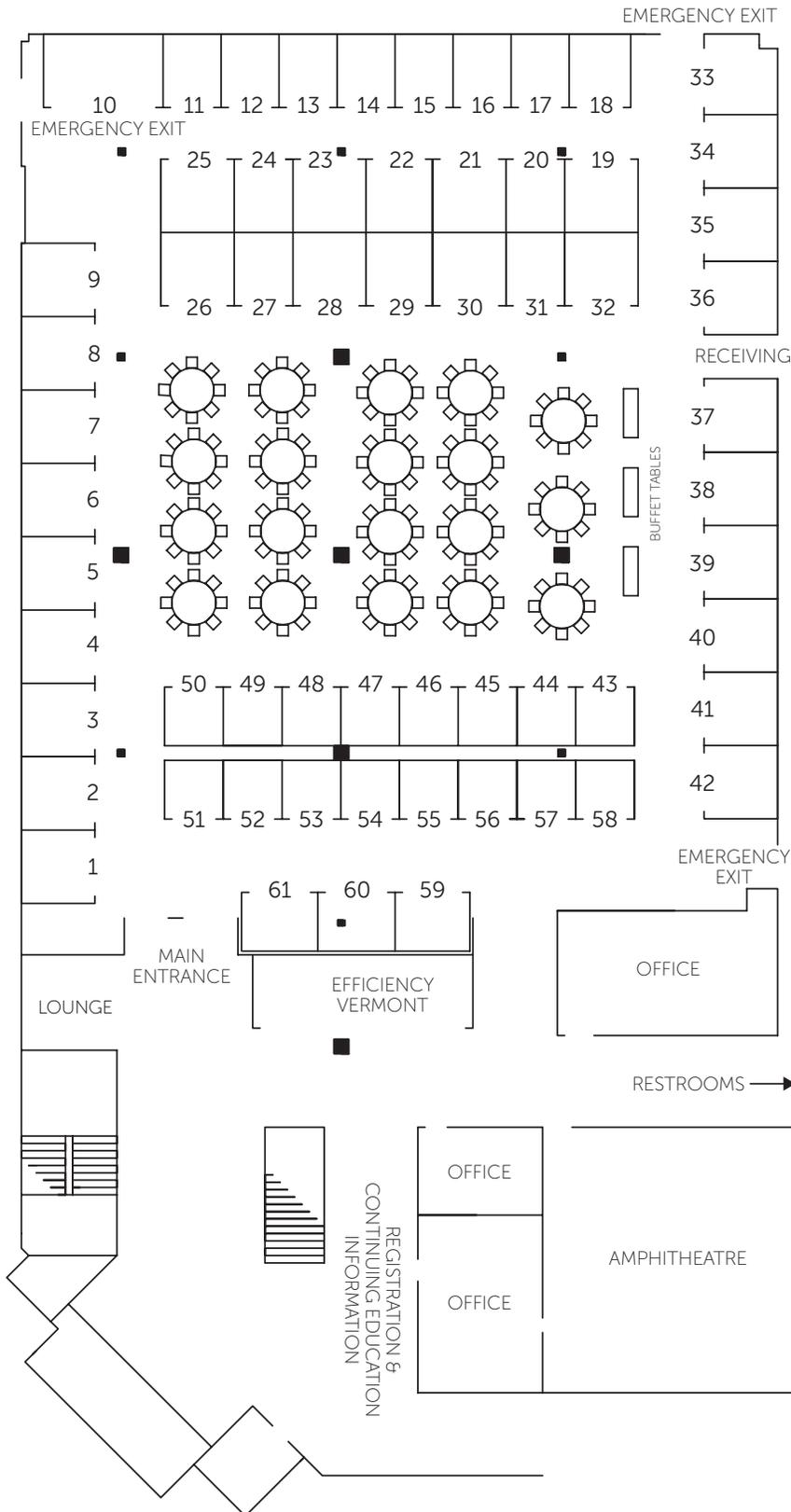
Wythe Windows, Inc. Booth: 43

Darren Macri
201-962-7444 • darren@wythewindows.com
www.wythewindows.com

Zehnder America Silver Sponsor / Booth: 19

Chris Smith
603-601-8544 • christopher.smith@zehnderamerica.com
www.zehnderamerica.com

Lake Champlain Exhibit Hall Floor Plan



3E Thermal	Second Floor
475 High Performance Building Supply	Booth: 6
ABCO HVACR Supply + Solutions	Booth: 34
Andersen Windows and Doors	Booth: 11
Better Business Bureau	Second Floor
Broan	Booth: 55
Building Performance Professionals Association of Vermont	Second Floor
Burlington Electric Department (BED)	Second Floor
Carroll Concrete	Booth: 32
Conservation Solutions Corporation	Second Floor
Daikin	Booths: 51 & 52
DuBois & King, Inc.	Booth: 46
EDOS Manufacturers' Reps	Booth: 21
Emerson Swan	Booths: 28 & 29
Energy Management Consultants, Inc.	Booth: 1
F.W. Webb Company	Booths: 38 & 39
Flynn & Reynolds Agency	Booths: 48 & 49
Green Mountain Power	Booth: 24
Green Mountain Solar	Booth: 47
Huber Engineered Woods	Booth: 22
Johnstone Supply, The Balsan Group	Booths: 60 & 61
Kingspan Insulation, LLC	Booth: 7
LFD Solutions	Booth: 44
Loewen Window Center of VT & NH	Booth: 31
Minotair, Inc.	Booth: 10
Mitsubishi Electric Trane HVAC US	Booth: 41
N.A. Manosh Corp	Booth: 14
NEREN	Second Floor
Pella Windows & Doors of Vermont	Booth: 57
Pellergy, LLC	Booth: 13
Power House Energy Consulting	Second Floor
Prides Corner Farms / LiveRoof	Booth: 15
Purmo Group USA d.b.a. Myson	Booth: 17
RAB Lighting, Inc.	Booth: 59
Rheem Water Heaters	Booth: 12
ROCKWOOL	Booth: 58
Rotho Blas USA, Inc.	Booth: 56
RST Thermal, Inc.	Booth: 42
SIGA Cover, Inc.	Booth: 33
SK & Associates	Booth: 27
SpacePak	Booth: 35
SRGI	Booth: 36
State Water Heaters	Booths: 53 & 54
SunCommon	Booth: 50
SunWood Biomass	Booth: 45
Swaney Lighting Associates	Booth: 16
Thermal Environment Sales	Booths: 25 & 26
Thermaxx Jackets	Booth: 40
TimberHP by GO Lab	Booths: 2 & 3
TrickleStar, Inc.	Booth: 20
Ventacity Systems, Inc.	Booth: 37
Vermont Business Magazine	Second Floor
Vermont Department of Health	Second Floor
Vermont Energy Contracting & Supply Corp.	Second Floor
Vermont Energy Investment Corporation	N/A
Vermont Gas Systems (VGS)	Booths: 4 & 5
Vermont Passive House	Second Floor
VHV Company	Booth: 18
VSECU	Second Floor
WaterFurnace International	Booth: 30
We Clean Heat Pumps, LLC	Booth: 23
Windows & Doors By Brownell	Booths: 8 & 9
Wythe Windows, Inc.	Booth: 43
Zehnder America	Booth: 19

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Gold Level Sponsors

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Minotair, Inc.
State Water Heaters
Thermal Environment Sales

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Energy Management Consultants
Kingspan Insulation, LLC
RST Thermal, Inc.
Ventacity Systems, Inc.
Zehnder America

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DuBois & King, Inc.
Green Mountain Power
Green Mountain Solar
LFD Solutions
Pella Windows & Doors of Vermont
ROCKWOOL
Rotho Blaas USA, Inc.
SIGA Cover, Inc.
Vermont Business Magazine
WaterFurnace International

Exhibitors

ABCO HVACR Supply + Solutions
Andersen Windows and Doors
Carroll Concrete
Conservation Solutions Corporation
EDOS Manufacturers' Reps
Emerson Swan
Flynn & Reynolds Agency
Huber Engineered Woods
Johnstone Supply, The Balsan Group
Loewen Window Center of VT & NH
Mitsubishi Electric Trane HVAC US
N.A. Manosh Corp
Pellergy, LLC

Prides Corner Farms / LiveRoof
Purmo Group USA d.b.a. Myson
RAB Lighting, Inc.
Rheem Water Heaters
SK & Associates
SpacePak
SRGI
SunCommon
SunWood Biomass
Swaney Lighting Associates
Thermaxx Jackets
TrickleStar, Inc.
VHV Company
We Clean Heat Pumps, LLC
Wythe Windows, Inc.

Nonprofit Exhibitors & Tabletop Exhibitors

3E Thermal
Better Business Bureau
Building Performance Professionals Association of Vermont
NEREN
Power House Energy Consulting
Vermont Department of Health
Vermont Energy Contracting & Supply Corp.
Vermont Passive House
VSECU

Thank You!

