

# BUILDINGENERGY BOSTON

MARCH 14–15, 2019 • WESTIN BOSTON WATERFRONT • [NESEA.ORG/BE19](http://NESEA.ORG/BE19)

Conference + Trade Show of the Northeast Sustainable Energy Association (NESEA)

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## MA CSL-APPROVED SESSIONS

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### THURSDAY, MARCH 14

#### 8:30am–10am

- Keynote Address: Carbon Drawdown Now: Turning Buildings into Carbon Sinks

#### 10:30am–12pm

- Affordable Multi-Family Housing Net Zero & Passive House? Challenges, Opportunities, Mistakes & Solutions
- Developing Leadership Effectiveness: The Superpower for Excellence in Design
- The Cannabis Cultivation Conundrum: Lessons & Insights from the Design Studio to the Growroom
- Getting Schooled in Passive House (Tale of Two Schools)
- Real-World Lessons in the Design and Application of Variable-Refrigerant Volume (VRF) Systems
- Tools of the Trade for Building Diagnostics

#### 1:30pm–3pm

- Healthy for People & Planet: Why Smart Material Choices Are Essential for High Performing Buildings
- Air Source Heat Pumps: Measured Performance & Best Practices
- The Art + Science of Cost-Effective High-Performance Buildings: How Data Informs Outcomes
- When the Grid Goes Down: Saving Lives with Your Building's Envelope and Backup Power
- The Race Toward Decarbonization

#### 3:30pm–5pm

- Quebec City's Eco-District: Low-Energy, Affordable, Sustainable & Cost-Effective
- Pull Back the Curtain! What's Really Happening in Your Boiler Room?
- Next Gen Passive House: New Tech, Strategies & Processes
- Cost & Energy Optimization for Net Zero Multifamily
- Biophilia is in Every Building We Cherish: Re-Discovering Biophilic Design
- Deep Energy Retrofit with Tenants in Place

### FRIDAY, MARCH 15

#### 8:30am–9:30am

- In Pursuit of Performance: Multifamily Retrocommissioning Case Study
- Airtight, Cellulose-Insulated Assemblies: Simple Advice from the Woods of Maine
- Balancing Energy & IAQ: Case Study of a LEED Home Retrofit
- A Commercially Viable Net Zero Office Building: Technology, Beauty & Meaning
- Timber's Role in Modern Urbanization

#### 10am–11:30am

- Air Infiltration Reduction Testing: 5 Case Studies for Proven Energy Savings
- The Building Science of Prefabricated/Off-Site Construction

#### 1pm–2pm

- Local Wood in Practice: A Conversation Across the Material Stream
- Smart Homes & Sustainability: Putting Data into Practice
- Pump It Up: Retrofitting Homes through Weatherization, PV, and Heat Pumps
- Dealing with Dust in the Wind: New EPA Guidance for Home Air Cleaners
- Large Scale Passive House: What's Working

#### 2:30pm–3:30pm

- Resilience Gaps & Clean Energy Solutions at State-Owned Medical & Residential Care Facilities
- How Big Is Small? Compact Presentations of More Life in Less Space
- Carbon Drawdown Now! Prefabricated, Carbon-Storing Building Components Built Before Your Eyes
- The Power of Partnerships: How to Achieve Affordable, Net-Zero Urban Homeownership
- A Common Sense Approach to Red List Free Materials

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