

BUILDINGENERGY BOSTON

MARCH 7–9, 2018 • WESTIN BOSTON WATERFRONT • NESEA.ORG/BE18

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

CONFERENCE SESSIONS

THURSDAY, MARCH 8

8:30am–10am

- Keynote: Fostering a Dynamic & Inclusive Sustainable Community

10:30am–12pm

- The BrightBuilt Barn 10-year Anniversary: Celebrating the Birth of Affordable, Off-Site-Built Net Zero and the Industry Change It Spawned
- The Not-Quite-Edible House: Making Healthy Material Choices
- EnergyVision 2030: A Plan for Changes to our Energy System
- How Do We Get from Passive House to Truly Low-Carbon Buildings?
- Signal to Noise: What Engineers See & You Miss in Products Specs
- New Construction: Beyond Modeling to Real Data & Results
- How Energy Efficiency Creates Opportunities & Financing in Multifamily Housing
- Resiliency: Energy When You Need It

1:30pm–3pm

- Unvented Roofs without Spray Foam: The Latest Building America Research
- Should We Stop Trying to Update to the Latest Model Building Energy Code?
- Where We Went Right & Where We Went Left: Measured vs. Modeled Energy Performance
- “But I Don’t Care” (Being an Effective Communicator)
- Utility Transformation: Creating a Lower-Cost, More Reliable, Carbon-Free Electricity Distribution System
- The New Gravity: Climate Change & the Imperative of High-Performance Housing
- Help! I’m Drowning
- Every Building a Living Building: Tapping into Biology to Grow the Next Generation of High-Performing Buildings

3:30pm–5pm

- Comparing Three Certification Metrics That Drive Sustainability in Affordable Multifamily Housing
- Escalating Excellence in Envelopes: Stories from Practice
- Stretch Codes: Why this policy offers the best hope for rapid transformation to meet state & local climate goals
- Building Inherent Value: Implementing the Passive House Building Standard
- Making the Invisible Visible: A Blueprint for Seeking Real Estate Value for Energy Efficiency
- Comparing the Business of Architecture to Construction to Development
- Energy Storage: The Next Frontier
- New or Renovated – High Performance in Higher Education

FRIDAY, MARCH 9

9am–10am

- Deploying Post-Disaster Renewables
- Getting Smarter about Smart Buildings
- Data-Driven Boiler System Design & Installation
- Policy Updates: Net Metering & Fixed Charges in the Northeast
- Smart Parking Design as a Climate Tool
- Big Building Implications for Multifamily Passive House
- Thermal & Energy Analysis for Architects
- Green Gauges: A Design Methodology at Williams College

10:30am–12pm

- The Magic (Electric) School Bus
- Retrocommissioning with the Chiefs: Training Operators to Sustain the Process
- High Performance Solutions in Commercial & Institutional Construction

- The Future City: An Integrated Ecosystem
- Multi-Family, Tenant-in-Place, Passive Rehab...
- Integrative Carbon Building: Embodied Carbon, Net Positive Carbon, & the New Carbon Architecture
- Punching Above Your Weight Class: Exceeding Client Sustainability Requirements within a Tight Budget
- Crisis in Cannabis Cultivation: Latest Energy Developments in Data, Practice, & Policy
- Meeting the Demands of Healthier Buildings: How to Navigate Building Product Certifications

1:30pm–2:30pm

- The Great Indoors: Green Building & Health Outcomes
- Utility Benchmarking 101: What It Is, Why It Matters, & How It Can Benefit You
- Heat Pump Water Heaters for Multifamily
- KISS: A builder’s perspective on...constructing a low-cost, high-performance home
- Choices, Choices: Cladding & Climate Change
- Air Tightness Requirements of the Passive House Standard
- The Drawbacks of Breathing: Nighttime Carbon Dioxide Levels in New England Bedrooms

3pm–4pm

- What Not to Spec: How to Avoid Toxins, Endocrine Disruptors, & Carcinogens in Your Next Building Project
- Cities as Climate Leaders: Net Zero & the Urgency of Now
- Lightning Round: Questions & Answers to Fuel Your Work
- PACE Financing: Scaling Commercial & Residential Net-Zero Energy Retrofits
- Getting Solar Ready with Permitting & Inspection Processes
- The Risky Business of Integrative Pre-Design
- Real Life Air Source Heat Pumps

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