

# BUILDINGENERGY BOSTON

MARCH 7-9, 2017 • SEAPORT WORLD TRADE CENTER • [NESEA.ORG/BE17](http://NESEA.ORG/BE17)

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

## CONTINUING EDUCATION UNITS (CEUS)

### TUESDAY WORKSHOPS

#### 9am - 5pm

- Creating Successful Energy Models (AIA, BPI, CPHC, GBCI)
- Getting to Net Zero: The Nitty Gritty of the Tools & the Steps (AIA, CPHC, GBCI, MA CSL)

#### 10am - 1pm

- Energy, Water & Time Efficient Hot Water Systems (AIA, BPI, CPHC, GBCI, MA CSL)
- Materials Transparency: Choosing Better Products for Your High-Performing Building (AIA, CPHC, GBCI, MA CSL)

#### 2 - 5pm

- Best Practices for All-Electric Homes & Apartments (AIA, BPI, CPHC, GBCI, MA CSL)
- Embodied Energy & Carbon: Calculating the Life Cycle Impacts of Buildings (AIA, CPHC, GBCI, MA CSL)
- Energy, Water & Time Efficient Hot Water Systems (AIA, BPI, CPHC, GBCI, MA CSL)
- How To Prepare For High Performance Windows (AIA, BPI, CPHC, GBCI, MA CSL)
- ZNE High Performance Schools (AIA, CPHC, GBCI)

### WEDNESDAY SESSIONS

#### 8:30 - 10am

- Plenary, Part I - Beyond Energy: The Concealed Environmental Impact of Buildings & Residents (AIA, BPI, CPHC, GBCI)

#### 10:30am - 12pm

- The "Anti-Greenwash" Guide to Community Electricity Aggregation (AIA, CPHC)
- The Cannabis Cultivation Conundrum (AIA LU, CPHC)
- Getting to Yes: Winning & Making Your Next Project Net Zero, LBC, or... (AIA LU, BPI, CPHC)
- Lightning Round! Day 1: Lessons from The Field (AIA, BPI, CPHC)
- Multifamily Passive Buildings: Evaluation of Measured Performance (AIA, BPI, CPHC)
- Net Zero Water: Not a Dry Topic (AIA, CPHC, GBCI)
- Next Generation Energy Efficiency (AIA, BPI, CPHC, GBCI)
- Retrofitting Residential Properties (AIA LU, BPI, CPHC, MA CSL)
- Transforming Institutional Buildings for the Next 100 Years (AIA, BPI, CPHC, MA CSL)

#### 1:30 - 3pm

- Building Partnerships to Increase Uptake of Residential Energy Efficiency Measures (AIA, BPI, CPHC, MA CSL)

- Data-Driven Design & the Living Building Challenge (AIA, BPI, CPHC)
- Energy Codes & Zero Energy Buildings: Strategies for Today, Tomorrow, & Beyond (AIA, BPI, CPHC, MA CSL)
- Getting Real About Renewables: Passive House & the Future of Energy (AIA, CPHC)
- Evolving Assemblies (AIA, CPHC)
- Materials Transparency: Choosing Better Products for Your High Performing Building (AIA, CPHC, GBCI)
- Neighborhood Development: One Project at a Time (AIA LU, CPHC, GBCI)
- Performance-Based Procurement: Infusing Your New Construction Contract with Energy Requirements (AIA LU, CPHC)
- Real World Data of Domestic Hot Water Consumption & Energy (AIA, BPI, CPHC, GBCI)

#### 3:30 - 5pm

- Air (vital stuff): Strategies for Getting It Into & Out of Multifamily Buildings (AIA, BPI, CPHC, GBCI)
- The Appropriate Future Roles of Monopoly Electricity Utilities (AIA, CPHC)
- Buildings in the Age of Electric Vehicles (AIA, CPHC)
- Carbon Counts! Calculating the Carbon of Commercial Construction (AIA, CPHC)
- Lessons from Abroad: The Danish Way or the (Bicycle) Highway (AIA, CPHC, GBCI)
- Moisture Safe? The Writing is on the Wall (AIA, CPHC, GBCI, MA CSL)
- State of the Art: High-Performance Natural Building for Cold Climates (AIA, BPI, CPHC, MA CSL)
- Systems & Stewardship: Placemaking as Practice (AIA, CPHC)
- Zero Energy & Affordability: Can These Words Go Together? (AIA LU, CPHC, MA CSL)

### THURSDAY SESSIONS

#### 8:30 - 10am

- Plenary, Part II - Methane Leaks, Public Policy, the Future of the Natural Gas Grid, & the Implications for Your Projects (AIA, BPI, CPHC, GBCI)

#### 10:30am - 12pm

- The Future City (AIA, CPHC)
- Harnessing Energy Storage to Meet New England's Energy Challenges (AIA LU, CPHC)
- HERS Raters: They Do Play Well With Others (AIA, CPHC, MA CSL)
- Integrative Design Process (for real): Mapping Your Delivery Process (AIA, CPHC)
- Lightning Round! Day 2: The Many Uses of Data (AIA, CPHC)
- Liquid Assets: Water Monitoring & Conservation in Multifamily Buildings (AIA, CPHC)

- Mind the Gaps: Post-Occupancy Discoveries from Design to Operation (AIA, CPHC, GBCI)
- Three Vermont High-Performance Homes, Three Approaches (AIA, BPI, CPHC, GBCI, MA CSL)
- Using Whole Systems Thinking in High Performance Design: The New MacArthur Elementary School (AIA, CPHC, GBCI)
- WELL, LEEDv4, & the Quest for Material Health (AIA, CPHC, GBCI)

#### 1:30 - 2:30pm

- All About Windows (AIA, BPI, CPHC, GBCI, MA CSL)
- Are You the Weakest Link? Resilient Design 101 (AIA, CPHC)
- The Campus as Crucible for Catalyzing Change (AIA, CPHC)
- Data Loggers for Advanced Diagnostics (AIA LU, BPI, CPHC, MA CSL)
- Five Market Trends That Are Re-Shaping C&I Energy Management (AIA LU, CPHC)
- Monitoring Envelopes to Inform Masonry Building Renovation (AIA, BPI, CPHC)
- Greening Affordable Housing: Driving Energy Efficiency, Clean Energy, & Health in Our Communities (AIA, BPI, CPHC)
- The Key to the Castle: Who Has It & Do They Know Where the Lock is? (AIA LU, CPHC, GBCI)
- New IAQ Metrics to Avoid Being Stupid, Sick, & Tired (AIA, BPI, CPHC, GBCI, MA CSL)

#### 3 - 4pm

- The AIA 2030 Commitment: Building Energy Literacy (AIA LU, CPHC, GBCI)
- Building Local, Buying Local: Advantages & Challenges of Sourcing Materials from New England Forests (AIA, CPHC, GBCI, MA CSL)
- How the Energy Blockchain Will Unlock the Next Industrial Revolution (AIA LU, CPHC)
- Installing "Energy Smarts" for Your Multifamily Project (AIA LU, BPI, CPHC)
- Permanently Passive: Building With AAC (AIA, CPHC, GBCI, MA CSL)
- Redundancy. Diversity. Connectivity: Optimizing Projects, Business & Work (AIA, CPHC)
- Spending Through the Roof: Tall Building Energy Wasted Through Passive Vents (AIA, BPI, CPHC)
- The Updated ILFI Net Zero Energy Certification, Reveal Label, & New Partnerships (AIA, CPHC)
- Using the Building Permitting Process to Accelerate Clean Energy (AIA, CPHC, MA CSL)

#### 4 - 5:30pm

- Reception & Closing Forum - Be Careful What You Ask For: Avoiding the Pitfalls of Rapid Energy Efficiency Adoption (AIA, CPHC, GBCI)

### AIA The American Institute of Architects

1 credit per hour

LU|HSW unless noted as LU

### BPI Building Performance Institute, Inc.

1 credit per hour

### GBCI U.S. Green Building Council

1 credit per hour

### MA CSL Massachusetts Construction

### Supervisor License

1 credit per hour

### PHIUS CPHC Certified Passive House Consultant

1 credit per hour