

BUILDINGENERGY NYC

THURSDAY, OCTOBER 4, 2018 • NEW YORK, NY • NESEA.ORG/BENYC18

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

BuildingEnergy NYC 2018: Priorities for Session Proposals

Attendees at BuildingEnergy NYC's Open Planning Meeting and the newly formed Content Committee identified priorities for the NYC building/sustainability community. We share many of them here (not in any order of preference).

More ideas are listed here than BuildingEnergy has session-slots available, so clearly not all can be presented at the conference. Which ones seem most urgent to you? Which learning will create the strongest benefit?

CODES & STANDARDS

- Waste-to-energy (as a way to meet codes/standards)
- New CBEEs index

COMMERCIAL / INSTITUTIONAL

- Affordable/market densification of office space and impact on building systems
- How to give practitioners the language/tools to convince owners to make changes

ENERGY STRATEGIES

- Tenant engagement / behavioral change; connectivity; gamification
- Training sessions about building operation systems
- Translating SDGs into business opportunities in built environment
- Perspectives from other industries - tech, REITs, healthcare, education
- Electrification: What is new in the last 6 months: storage, ASITP, VRFS, AWFIP, electrification of DITW
- Electrification: Emphasis on case studies and hearing from building decision makers
- Building portfolio-wide upgrade examples

FINANCE

- Creative financing solutions for energy efficiency & renewable energy project in existing buildings (case studies)

HEALTHY BUILDINGS

- WELL building standard
- Daylighting and benefits to building occupants - How to provide maximum daylight without sacrificing envelope performance
- Intersection of energy, ventilation, IAQ

HIGH PERFORMANCE BUILDING

- Examples of high performance retrofits
- Net zeroing of older existing buildings
- Integrated Project Delivery - interactions between design & construction teams
- Building performance data: Making better decisions based on quantitative analysis; Data M+V as foundation for project planning and reporting; Real time electricity management; Diagnostics and analytics; Decision-making framework for building owners/managers; metering & submetering

MULTIFAMILY

- Electrification
- Technical (heat pumps, high performance retrofits, ventilation)

PASSIVE HOUSE/PASSIVHAUS

- Affordable PH design

PEOPLE

- Diversity initiatives
- Talent development and skills-building; workforce development

RENEWABLES

- Microgrids - sustainability, resiliency, economic benefits
- Renewable grid integration
- Co-generation

RESILIENCE

- NYC's 400+ miles of shoreline: rebuilding on flood plains; insurance; landscaped marsh-like waterfront designs (do they work?)
- How to put the "prep" back in preparation before disaster
- Green infrastructure approaches

TECHNOLOGY/SYSTEMS

- Efficient Resi/MF heating & cooling: the case for heat pumps (air & ground-source)
- Multi-family centralizing HVAC systems - prevention of waste as first step toward efficiency

WATER

- Water-Energy Nexus: Leakage monitoring; HPD requirements; right fixtures at the right price; tamper-proofing; education of residents