

BUILDINGENERGY

NYC

Virtual Conference by NESEA

2021 Theme: Collaboration

September 29 & 30, 2021

#BENYC21

Welcome to BuildingEnergy NYC 2021!

Dear NESEA Colleagues,

Welcome to [BuildingEnergy NYC 2021](#) — we're so glad you can join us! We are excited to share an exceptional lineup of conference sessions, product demonstrations, sponsored breakout sessions, and community events with you.

This year's conference theme is **Collaboration**. We spent the past year and a half developing a new way of working. What did we find? We don't have to work in the same room or even in the same country, as long as we can collaborate. To achieve essential climate goals for NYC and beyond, we need to come together across disciplines and sectors, with an eye toward equity included in every solution. This year's sessions present a wide variety of examples and invitations to collaborate in new and creative ways.

And speaking of collaboration, this event would not be possible without the unfailing dedication of the NESEA staff and volunteer members of the Content Committee, whom we have had the pleasure of working closely with over the past year. This is truly a learning community, in which the spirit of collaboration is alive and well.

We hope you come away from this time together equipped with new strategies to implement, new challenges to wrestle with, and new connections to help you along your way.



Sincerely,

Gwen McLaughlin - TRC

Adam Watson - L+M Development Partners

BuildingEnergy NYC 2021 Conference Chairs

AHK German American Chambers of Commerce
Deutsch-Amerikanische Handelskammer

Energy Efficiency

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BUILDINGS IN NEW YORK

CAN IMPACT MORE THAN

JUST A SKYLINE



The path to achieving **carbon neutral** building stock begins with replicable practices that can be applied and **developed across the State.**

NYSERDA's nation-leading vision is helping designers and developers pave the way to a low-carbon future.

By partnering to train professionals, drive adoption of advanced technologies and implement energy codes and standards, we are making New York's vision, reality.

Learn how you can contribute to New York's low-carbon future [nyserdera.ny.gov](https://www.nyserdera.ny.gov)



NYSERDA

Meet the 2021 Content Committee

The content of BuildingEnergy NYC is curated by a volunteer committee of NESEA Members who collectively put in hundreds of hours throughout the year to ensure that sessions are genuinely useful to attendees. Thank you to the 2021 Content Committee for making this year's event possible! Click on their photos below to learn more about them.

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Gwen McLaughlin
TRC

Conference Chair



Adam Watson
L+M Development Partners

Vice-Chair



Elihu Dietz
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- Partnering with large building owners to develop more cost-effective approaches to reduce the use of fossil fuels in existing buildings.
- Helping customers switch to high-efficiency clean heat.
- Investing in large-scale energy storage.
- Connecting thousands of new public and customer-owned charging stations to accelerate adoption of electric vehicles.
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Wednesday Events*

10:30am	KEYNOTE - Small But Mighty: The Untapped Potential of Mid-Size Buildings		
11:00am			
11:30am	Implementing Carbon Drawdown: Climate Smart Forestry & Carbon Negative Materials by Whole Forest	The Benefits of Interior Airtightness and Vapor Control by 475 High Performance Building Supply	
12:00pm	2021 PHIUS Standard by PHIUS	Energy Efficiency Solutions for Commercial and Multifamily Properties and Small to Mid-sized Businesses by Con Edison	ROCKWOOL Retrofit: Flash Case Studies with Stone Wool Insulation by ROCKWOOL
12:30pm	Building Energy – A German Perspective by the Consulate General of the Federal Republic of Germany and the German American Chamber of Commerce		
1:00pm		Collaborating for Community Decarbonization	Revitalizing New York’s Downtowns and Decarbonization by NYSERDA
1:30pm	Clean Heat Technologies by Con Edison		
2:00pm			Heat20 – An Engineered Heat Pump Solution to Meet the Needs for Commercial Domestic Hot Water by Mitsubishi Electric Trane HVAC US
2:30pm	Understanding Electrification and Decarbonization Policies Across the Country by NORESKO	Managing Costs to Decarbonize by NYSERDA	
3:00pm	Clean Vehicles by Con Edison		Avoid LL97 Penalties and Improve Energy Efficiency with 3M Window Film by TriState Sun Control
3:30pm	Live Demo: Swegon GOLD Air Handling Unit Key Energy Saving & IEQ Features by Swegon	CHP 101 & NYC Case Studies by Dalkia Aegis	
4:00pm	What’s Up With Passive House? by the Passive House Network		
4:30pm	Community Happy Hour		
5:00pm			

Community Event
Sponsored Session
Conference Session

*All Wednesday events are open to all attendees.



Solutions Engineered for Cold Climate and Heating Dominant Applications

The Daikin *AURORA* Multi-Zone heat pump system is a flexible solution for individual zone comfort. Connecting up to 4 indoor units to a single outdoor unit reduces installation space and costs while maximizing comfort and energy efficiency.

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MULTI-ZONE SYSTEM

VRV *AURORA*
SYSTEM



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Our continuing commitment to quality products may mean a change in specifications without notice.

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Thursday Events

8:00am	Lifetime Member Breakfast				
8:30am					
9:00am	NESEA Membership Concierge	Why We Must Build Back Circular	Climate Resilient Design for Passive House	How NYC Buildings Can Profit While Complying with the CMA	VRF/VRV Heat Pumps and Their Role in Decarbonization by Daikin
9:30am					
10:00am		Crafting a Diversity Caucus for BE NYC 2022			
10:30am		Voices for Change: Leveraging Various Certifications for Regenerative Design	Operational Best Practices for Multifamily Passive Houses	Performance-Based Ventilation Design for Healthy & Efficient Buildings	Decarbonization in the Coming Decade by NYSERDA
11:00am					
11:30am	Recruiting and Retaining Employees				
12:00pm	Embodied Justice: Healthier Materials to Foster Social Justice and Wellness		Overcoming Barriers to Electrification: A Collaborative Approach	Retro-Cx: Working through Conflict with Collaboration	What You Should Know about Next Generation Refrigerants by Daikin
12:30pm					
1:00pm	NESEA Membership Concierge	Emerging Professionals Career Forum	Deployment and Verification of High Performance Heat Pumps in NY by Daikin		
1:30pm					
2:00pm		Decarbonizing Office Spaces: Case Studies and Interactive Discussion	Delicate Balance: Weighing Embodied vs. Operational Carbon in High-Performance Design	Equitable Access to Cooling in New York City Under a Changing Climate	Buildings of Excellence by NYSERDA
2:30pm					
3:00pm	Using our Knowledge		Reduce LL97 Exposure w/ CoGen by Dalkia Aegis		
3:30pm	Capital Planning and Electrification in the Time of Local Law 97		Rebuilding New York's Schools through Partnerships	Rolling Out an Enterprise-Wide Building Management System	
4:00pm					
4:30pm	Closing Reception				
5:00pm					

Community Event
Sponsored Session
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CEU Information

We are pleased to offer AIA, BPI, GBCI, PHIUS, RESNET, and NYS PE certification credits at BuildingEnergy NYC 2021. With this year's virtual format, you can choose from 17 accredited sessions and earn up to 7 credit hours.

Certificates of Attendance

If you attend at least one session at BuildingEnergy NYC 2021, you will receive a detailed certificate of attendance via email after the conference. You can use that certificate to self-report your hours to your professional organizations. When you log in to the conference website, be sure to add any relevant membership numbers to your profile.

AIA

All conference sessions offer AIA learning units, with a mix of LU and LU|HSW credits. NESEA will report credits on your behalf.

BPI

Most sessions offer credits from the Building Performance Institute (BPI) — see individual session pages for details or use this [clickable PDF](#) to view all BPI-approved sessions. NESEA will report credits on your behalf.

GBCI

Most sessions offer GBCI credits for LEED certifications (BD+C, ID+C and/or O+M), and some will also offer WELL credits — see individual session pages for details or use this [clickable PDF](#) to view specific credits offered for all GBCI-approved sessions. NESEA will report LEED credits on your behalf, but you must self-report WELL credits.

PHIUS

All conference sessions offer PHIUS CPHC credits. You will self-report using [this form](#) to receive credits, using the code included on your certificate of attendance.

RESNET

For attending the full day of programming on Thursday, September 30th, you are eligible to receive 5.5 hours of credit from RESNET. You will self-report your credits.

NY State Professional Engineers

Professional Engineers can self-report AIA-approved sessions for New York State license renewal. Attend sessions on topics related to your professional area, and self-report to NYSED.



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