BUILDINGENERGY NYC

Virtual Conference by NESEA

2021 Theme: Collaboration

September 29 & 30, 2021

#BENYHC21
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
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 nyserda.ny.gov
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.

Conference Chair

Gwen McLaughlin
TRC

Adam Watson
L+M Development Partners

Elihu Dietz
DNV Energy Insights

Elizabeth Engoren
EN-POWER GROUP

Vice-Chair

Jeannine Altavilla Cooper
Bright Power

Sara Bayer
Magnusson Architecture and Planning

Michaela Boren-Kapadia
Thomas Shortman Training 32BJ

Tristan Grant
The Levy Partnership

Jon Hacker
Daikin

Fatou Jabbie
USL Technology, Inc.

Jennifer Leone
NYC HPD

Christina McPike
WinnCompanies

Monisha Royan
International WELL Building Institute

Nick Shaw
475 High Performance Building Supply

Jodi Smits Anderson
DASNY

Ariel Sosa
STRATCO Property Group

Jim Sullivan
DASNY

Dorit Ziv
Partner Energy, Inc.
Con Edison is a next-generation, clean-energy company, creating a sustainable future for the 10 million people who rely on us in the most vibrant region in the world.

Our Clean Energy Commitment includes:

- Tripling energy efficiency programs and investing >$1.5 billion by 2025.
- 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.
- Offering customers the choice to buy 100% clean electricity directly from us.

Learn more:
conEd.com/CleanEnergyForAll
conEd.com/EnergyEfficiency
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30am</td>
<td><strong>KEYNOTE - Small But Mighty: The Untapped Potential of Mid-Size Buildings</strong></td>
</tr>
<tr>
<td>11:00am</td>
<td>Implementing Carbon Drawdown: Climate Smart Forestry &amp; Carbon Negative Materials by Whole Forest</td>
</tr>
<tr>
<td>11:30am</td>
<td>The Benefits of Interior Airtightness and Vapor Control by 475 High Performance Building Supply</td>
</tr>
<tr>
<td>12:00pm</td>
<td>2021 PHIUS Standard by PHIUS</td>
</tr>
<tr>
<td>12:30pm</td>
<td>Energy Efficiency Solutions for Commercial and Multifamily Properties and Small to Mid-sized Businesses by Con Edison</td>
</tr>
<tr>
<td>1:00pm</td>
<td>Building Energy – A German Perspective by the Consulate General of the Federal Republic of Germany and the German American Chamber of Commerce</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Collaborating for Community Decarbonization</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Revitalizing New York’s Downtowns and Decarbonization by NYSERDA</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Clean Heat Technologies by Con Edison</td>
</tr>
<tr>
<td>2:00pm</td>
<td>Understanding Electrification and Decarbonization Policies Across the Country by NORESCO</td>
</tr>
<tr>
<td>2:30pm</td>
<td>Managing Costs to Decarbonize by NYSERDA</td>
</tr>
<tr>
<td>3:00pm</td>
<td>Clean Vehicles by Con Edison</td>
</tr>
<tr>
<td>3:30pm</td>
<td>Heat2O – An Engineered Heat Pump Solution to Meet the Needs for Commercial Domestic Hot Water by Mitsubishi Electric Trane HVAC US</td>
</tr>
<tr>
<td>3:30pm</td>
<td>Avoid LL97 Penalties and Improve Energy Efficiency with 3M Window Film by TriState Sun Control</td>
</tr>
<tr>
<td>3:30pm</td>
<td>What’s Up With Passive House? by the Passive House Network</td>
</tr>
<tr>
<td>3:30pm</td>
<td>CHP 101 &amp; NYC Case Studies by Dalkia Aegis</td>
</tr>
<tr>
<td>4:00pm</td>
<td>How to Save Money &amp; Reduce Your LL97 Exposure with Cogeneration by Dalkia Aegis</td>
</tr>
<tr>
<td>4:30pm</td>
<td>Community Happy Hour</td>
</tr>
<tr>
<td>5:00pm</td>
<td>Community Event</td>
</tr>
</tbody>
</table>

*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.

- Systems offer energy efficiency levels up to 21.7 SEER and up to 12.5 HSPF for enhanced home comfort and energy savings.

Daikin VRV AURORA Series heat pump and heat recovery systems introduce a new benchmark for VRF technology by integrating advanced technologies to provide comfort control, energy efficiency and reliability.

- VRF Industry’s first air-cooled system that delivers heating down to -22°F (-30°C) as standard
- High heating capacity of up to 100% of nominal at 0°F (-18°C), up to 85% of nominal at -13°F (-25°C) and up to 60% of nominal at -22°F (-30°C)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am</td>
<td>Lifetime Member Breakfast</td>
</tr>
<tr>
<td>8:30am</td>
<td>NESEA Membership Concierge</td>
</tr>
<tr>
<td>9:00am</td>
<td>Why We Must Build Back Circular</td>
</tr>
<tr>
<td>9:30am</td>
<td>VRF/VRV Heat Pumps and Their Role in Decarbonization by Daikin</td>
</tr>
<tr>
<td>10:00am</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>10:30am</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>11:00am</td>
<td>NESEA Membership Concierge</td>
</tr>
<tr>
<td>11:30am</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>12:00pm</td>
<td>Recruiting and Retaining Employees</td>
</tr>
<tr>
<td>12:30pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>1:00pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>2:00pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>2:30pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>3:00pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>3:30pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>4:00pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>4:30pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
<tr>
<td>5:00pm</td>
<td>Crafting a Diversity Caucus for BE NYC 2022</td>
</tr>
</tbody>
</table>
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.
Meet Our Sponsors

Thank you to our sponsors and other industry partners, whose support makes BuildingEnergy NYC possible. We encourage you to learn more about them by clicking on the logos below.

Presenting Sponsor

New York State of Opportunity | NYSERDA

Con Edison

Daikin

Mitsubishi Electric

AHK German American Chambers of Commerce

Consulato General of the Federal Republic of Germany

Dalkia Aegis

The Passive House Network

WholeForest

PHIUS

Rockwool

Swegon

Noresco

CPC

Community Preservation Corporation

RESNET

475 High Performance Building Supply

EN-POWER GROUP

Highmark Building Efficiency

Magnusson Architecture and Planning PC

TriState Sun Control

White & Case

Bright Power