

Credit Information

These webinar are open to the public and offer 9.0 PDHs (3.0 PDHs per webinar) to professional engineers and 3.0 HSW continuing education hours to licensed architects in all states.

The American Institute of Architects Continuing Education System has approved Building Energy and Emissions Limits and NYC Energy Conservation Code 2020, NY Stretch and Energy Efficiency Measures this course for 3.0 LU|HSW each (Sponsor No. J885). Credits are pending for Distributed Energy Resources and Carbon Trading. Only full participation is reportable to the AIA CES.

The American Institute of Architects Continuing Education System has approved HalfMoon Education as a sponsor of continuing education (Sponsor No. J885). This course has been submitted for AIA CES approval and is currently pending. Only full participation is reportable to the AIA CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The International Code Council has approved this event for .9 CEUs (.3 CEUs per webinar) in the specialty area of Energy (Preferred Provider No. 1232).

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 9 (CM | 3 per webinar) for Certified Planners.

Visit this course listings at www.halfmoonseminars.org for updates on pending credits.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

Added Value:

Enhance your learning - Recording of these webinars will be available for attendees to stream online for two weeks after the program dates. (live webinar attendance required to earn live webinar credit)

Can't Attend? Order these Webinars as a Self-Study Packages!

Recordings of these webinars are available for purchase. Visit these course listings on our website for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

New York Local Law 97 Webinar Series

Mon., May 23, Tues., May 24 and Wed., May 25, 2022

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Live, Interactive Webinars

Building Energy and Emissions Limits

- Monday, May 23, 2022 | 8:30 am - 12:00 pm EDT

NYC Energy Conservation Code 2020, NY Stretch and Energy Efficiency Measures

- Tuesday, May 24, 2022 | 1:00 - 4:15 pm EDT

Distributed Energy Resources and Carbon Trading

- Wednesday, May 25, 2022 | 1:00 - 4:15 pm EDT

To register, view detailed presenter biographies,
and see other learning opportunities, please visit:

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



HalfMoon Education Live Webinars

New York Local Law 97 Webinar Series



Building Energy and Emissions Limits

- Monday, May 23, 2022 | 8:30 am - 12:00 pm EDT

NYC Energy Conservation Code 2020, NY Stretch and Energy Efficiency Measures

- Tuesday, May 24, 2022 | 1:00 - 4:15 pm EDT

Distributed Energy Resources and Carbon Trading

- Wednesday, May 25, 2022 | 1:00 - 4:15 pm EDT

Total Series Continuing Education Credits:

Professional Engineers: 9.0 PDHs Architects: 9.0 HSW CE Hours

AIA: 9.0 LU|HSW International Code Council: .9 CEUs (Energy)

Certified Planners: CM | 9

To register, visit us online at

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



New York Local Law 97:
Building Energy and Emissions Limits

Monday, May 23, 2022 | 8:30 am - 12:00 pm EDT (incl. two 15-min breaks)

Tuition: \$169 per registrant

Register for all three webinars for \$369 when you use Coupon Code: NYCLL97

Agenda

Understanding the Problem - NYC Greenhouse Emission Sources

Understanding the state and city building emissions regulatory structure

Role of the state in building codes

Energy Law Article 11 and local building code authority

- New York City Energy Conservation Code (NYCECC)

NYC's Climate Mobilization Law

- Local Law 92 and Local Law 94 of 2019 (Green Roofs)
- Local Law 95 of 2019 (amending how energy efficiency grade calculated)
- Local Law 96 of 2019 (C-PACE)

Local Law 97 of 2019 (LL 97)

- Amendments to LL 97

Building that are covered, and those exempted

Carbon emissions limits, 2024 and 2030

Office of Building Energy and Emissions Performance

Advisory boards

Local Law 97: Building Energy and Emissions Limits

Annual building emissions limits – preparing for compliance by 2024 through 2034

Occupancy groups

Greenhouse gas coefficients

Allowable deductions, adjustments to limits, and carbon trading

Reporting requirements

Extensions, assistance, and outreach

Penalties

Article 321: requirements for certain buildings

October 2021 clarifications

Compliance

- Carbon credits
- Role of batteries

Other NYC and NY State efforts

- Gas ban (NYC Intro 2317)
- All-electric building law

22 NYCLLW97 5 23 WEBR AM

Credits per Webinar

Professional Engineers: 3.0 PDHs (9.0 PDHs total series)

Architects: 3.0 HSW CE Hours (9.0 HSW CE Hours total series)

AIA: 3.0 LU|HSW approved (9.0 LU|HSW total series)

International Code Council: .3 CEUs (Energy) (.9 CEUs (Energy) total series)

Certified Planners: CM | 3 (CM | 9 total series)

To register, view detailed presenter biographies and agendas, and to see other learning opportunities, please visit:

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900

New York Local Law 97:
NYC Energy Conservation Code 2020,
NY Stretch and Energy Efficiency Measures

Tuesday, May 24, 2022 | 1:00 - 4:15 pm EDT (incl. a 15-min break)

Tuition: \$169 per registrant

Register for all three webinars for \$369 when you use Coupon Code: NYCLL97

Agenda

Net Zero Carbon Buildings and ASHRAE Standard 90.1

Energy code vs LL97

NYSERDA 2031 Net-Zero Carbon Building Code

Drivers of energy use and carbon emissions

NYCECC 2020 Compliance Pathways and NYStretch Energy Code

Prescriptive v Performance (energy modeling)

Ingredients of a net zero carbon building

NYStretch provisions related to carbon

Insulation and Thermal Envelope Efficiency

Continuous air barrier and air barrier testing

Continuous insulation

Fenestration (Windows and Skylights)

High efficiency window assemblies (double paned low-E, double paned argon-filled, triple paned) including U-factors, SHGC and air leakage rates

Electrification and Energy-Efficient HVAC Systems

Heat pumps (air source, ground source, ducted central system)

Unregulated loads

22 NYC97ECC 5 24 WEBR AM

New York Local Law 97:
Distributed Energy
Resources and Carbon Trading

Wednesday, May 25, 2022 | 1:00 - 4:15 pm EDT (incl. a 15-min break)

Tuition: \$169 per registrant

Register for all three webinars for \$369 when you use Coupon Code: NYCLL97

Agenda

Renewable Energy – Solar Photovoltaics

Local Laws 92 / 94, NYStretch Solar Ready Zone

Solar photovoltaics

Role of solar PV in meeting carbon emissions and energy efficiency

Renewable Energy – Battery Energy Storage Systems and Microgrids

Role of battery storage in meeting carbon emissions and energy efficient goals

Microgrids

Battery energy storage systems

EV chargers

Carbon Allowance Trading

NYU carbon trading study

Potential compliance pathways using carbon trading

Case Studies

How strategies work in practice to meet climate goals

22 NYC97DER 5 25 WEBR AM

Faculty

Building Energy and Emissions Limits

Daniel A. Spitzer is a partner with Hodgson Russ LLP. He concentrates his practice on issues involving environmental law, renewable energy, sustainable development, land use law, municipal law, and real estate development. His practice involves numerous renewable energy projects, including representing municipalities, developers, land owners, and financing entities. His work includes some of the largest wind farms in the eastern United States; multiple utility and small-scale solar projects; and landfill, gas-to-energy, biomass, storage, transmission, and energy efficiency projects. A primary part of his work focuses on National Environmental Policy Act (NEPA) and State Environmental Quality Review Act (SEQRA) review and compliance with federal and state environmental statutes. His work includes environmental assessments for large-scale telecommunications projects, infrastructure projects and power generation projects. He counsels agencies and private clients on compliance with historic preservation laws, the Clean Water Act, the Clean Air Act, and other federal environmental statutes and regulations. His practice also includes work in areas concerning the valuation of property. He represents property owners and municipalities in condemnation proceedings and tax assessment challenges, from the initial filing of claims, all the way through to trial. His clients include municipal redevelopment agencies, developers, and taxpayers throughout New York State.

Alicia Legland is a member of the Environmental and Renewable Energy Practices. Her experience and current work centers on environmental law, energy law, and land use and zoning law. A primary part of her practice involves preparing zoning analyses for renewable energy developers, representing clients involved in Article 78 proceedings, and assisting clients with regulatory compliance matters and environmental due diligence review. Prior to joining Hodgson Russ, Alicia was a summer associate for a real estate law firm in New York City. During law school, she interned for the Honorable Andrew L. Carter Jr. in the U.S. District Court for the Southern District of New York in Manhattan.

NYC Energy Conservation Code 2020, NY Stretch and Energy Efficiency Measures and Distributed Energy Resources and Carbon Trading

Michael Ginsberg, CEM, LEED AP, PVIP is a sustainability professional with expertise in green buildings, solar PV, energy policy, and government relations. He is the vice president of Energy Transition at Bowman, leading the multi-disciplinary engineering firm’s work in renewable energy, microgrids and green hydrogen. Mr. Ginsberg is the author of two books on renewable energy and a Doctor of Engineering Science candidate at Columbia University, specializing in the techno-economics of solar energy grid integration and renewable hydrogen through PEM electrolysis. He is a LEED AP O+M, CEM, NABCEP PV installation professional, and holds an MS degree in Sustainability Management from Columbia University. Mr. Ginsberg brings particular competencies in carbon accounting, life cycle assessment, green buildings, and international development.

Through his firm, Mastering Green, he has advised the New York City Mayor’s Office of Sustainability and Long Term Planning and the UN Development Programme on climate change adaptation measures in NYC and West Africa. Mr. Ginsberg has managed government relations and business development efforts for government agencies, renewable energy firms, and non-profits, including the U.S. Environmental Protection Agency, Urban Green Energy, and World Learning.

Can’t Attend? Order these Webinars as a Self-Study Packages!

Recordings of these webinars are available for purchase. Visit these course listings on our website for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.