

Agenda

Presented by Wendy Talarico, LEED AP

General Administration of the Code

Code history and development
Code adoption and enforcement in New York (2018 IECC)
IECC and ASHRAE 90.1-2016 – when to use which code
Scope and general requirements
Inspections
Referenced standards

IECC Residential Chapters 2-3

Definitions Climate zones
Materials, systems and equipment

Code Compliance Alternatives

ResCheck Performance-based compliance
Energy rating index compliance alternative

Chapter 4: Residential Energy Efficiency

Building thermal envelope
• Insulation requirements • Fenestration requirements
R-values and U-factor alternatives
Prescriptive insulation:
• Ceilings, access doors • Mass walls, basement walls, sunrooms
• Slab-on-grade floors
Prescriptive fenestration
Air leakage and testing
Fireplaces and fuel-burning appliances

Chapter 4: Heating and Cooling Systems

Control systems
Ductwork insulation and sealing
Service hot water systems
Mechanical ventilation systems
Pools and spas

Chapter 4: Electrical Power and Lighting Systems

Power systems Lighting systems

Chapter 5: Existing Buildings

Building additions Making building alterations
Building repairs and maintenance
Change of occupancy

Complying with the Residential Provisions of the 2020 Energy Conservation Construction Code of New York State (2020 ECCCCNYS)

Live, Interactive Webinar - Friday, September 25, 2020

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Learning Objectives

You'll be able to:

Comply with code adoption and enforcement of NYS Code (based on 2018 IECC).

Learn about compliance alternatives including ResCheck and performance-based compliance.

Discuss R-values and U-factor alternatives as well as insulation and fenestration requirements.

Analyze the code's provisions for residential HVAC systems, including requirements for control systems, ductwork insulation, servicing hot water systems, and mechanical ventilation.

Apply the code's residential provisions to existing buildings, including requirements for building additions, alterations, and repairs.



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HalfMoon Education Online Learning

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Analyze the residential provisions of the 2020 Energy Conservation Construction Code of NYS.

Identify code compliance alternatives.

Examine the 2018 IECC residential chapters 2 and 3 on climate zones, materials and equipment.

Improve building thermal envelopes

Explore heating and cooling systems, electrical power, and lighting systems.

Discuss requirements for existing buildings.

Continuing Education Credits

Architects

7.0 HSW Continuing Ed. Hours
7.0 AIA LU|HSW

Professional Engineers

7.0 Continuing Ed. Hours

International Code Council

.7 CEUs (Energy)

Contractors

Non-Credit Continuing Ed.



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Wendy Talarico, LEED AP

Ms. Talarico consults with architects and engineers throughout the Northeast to provide continuing education on a range of subjects from codes to building science. She is an instructor for Urban Green/New York State Energy Research and Development Authority’s “Conquering the Code”, an 8-hour energy code class in New York State. Ms. Talarico was a member of the engineering outreach team for the Brick Industry Association, and she is an award-winning journalist with more than 25 years of experience as a writer and editor for such publications as *Architectural Record* and *This Old House*.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 12:00 - 12:30 pm EDT
Morning Session 8:30 am - 12:00 pm EDT	Afternoon Session 12:30 - 4:30 pm EDT

Tuition
\$299 for individual registration
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Additional Learning

How-To Webinar Series
Live and interactive webinars that teach new skills
How to Create a Pavement Management System
- Wednesday, Sept. 9, 2020 | 1:00 - 3:00 pm CDT

How to Identify Soil Types
- Fri., Sept. 11, 2020 | 11:00 am - 1:00 pm CDT
How to Perform Concrete Construction Procedures
- Mon., Sept. 14, 2020 | 11:00 am - 12:30 pm CDT

How To Analyze Common Construction Defects and Failures
- Mon., Sept. 14, 2020 | 12:00 - 2:00 pm CDT

How to Lessen Stresses on Vegetation in Green Stormwater Infrastructure
- Tues., Sept. 15, 2020 | 11:00 am - 1:00 pm CDT

Continuing Education Credit Information

This live, interactive webinar is open to the public and offers up to 7.0 HSW continuing education hours to architects and 7.0 continuing education hours to professional engineers in New York and New Jersey.

HalfMoon Education is deemed a New York-approved continuing education provider for 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)).

HalfMoon Education is an approved continuing education sponsor for New Jersey engineers (Approval No. 24GP00000700).

This event is approved by the American Institute of Architects Continuing Education System for 7.0 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org to view complete AIA information under this course listing. Only full attendance is reportable to the AIA/CES.

HalfMoon Education is an International Code Council Preferred Provider (No. 1232), and this course is approved for .7 CEUs in the specialty area of Energy.

This event offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state with a continuing education requirement for contractors.

Attendance will be monitored, a quiz will follow the instruction, and completion certificates will be available after the webinar for individuals who completed the entire event and passed the quiz (multiple attempts allowed).

How to Assess and Clean up a Contaminated Site
- Thurs., Sept. 17, 2020 | 10:00 am - 12:00 pm CDT
How to Design Accessible Parking
- Mon., Sept. 21, 2020 | 11:00 am - 12:30 pm CDT

How to Use Xeriscape in Site Planning
- Thurs., Sept. 24, 2020 | 11:00 am - 1:00 pm CDT

How to Navigate the New Mass Timber Construction Types in the 2021 IBC
- Fri., Sept. 25, 2020 | 2:00 - 4:00 pm CDT

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Registration

Complying with the Residential Provisions of the 2020 Energy Conservation Construction Code of New York State (2020 ECCCNY) Friday, Sept. 25, 2020

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