

New York City Energy Conservation Code

E. Parganos

2011 New York City Energy Conservation Code

What is this and why did the city choose it?

How is it organized?

What documents are required by the City?

To what projects does it apply to?

When to use COMcheck™?

Heating, Ventilation, and Air Conditioning (HVAC)

A. Spinelli

The simplified approach

Ductwork insulation

Requirements for controls

Minimum equipment efficiencies

Economizer types, applications and when its required

Demand controlled ventilation

VAV fan control

Service Water Heating

A. Spinelli

Pipe insulation, temperature controls and heat

traps to name a few items

Building Envelope

G. Jordan

Review the difference between the R, U, C & F factors

Examples of calculating insulation thickness

Fenestration limitations

When a vestibule is required

The difference between green, cool, and white roofs

Power & Lighting

G. Jordan

Lighting controls

Power limitations using whole building or space-by-space method

Exit signs

Wiring methods and calculations

Local Law 84 (Benchmarking)

A. Spinelli

What is benchmarking and what buildings require it?

Using Portfolio Manager, understanding scores, filing final report

Local Law 87 (Energy Efficiency Reporting – Audits and Retro-Commissioning)

E. Parganos

What is an Energy Efficiency Report?

Auditing requirements under LL87

Retro-commissioning requirements under LL87

Exempt buildings and building systems

Filing final report with DOB

Complying with the NYC Energy Conservation Code

New York, NY • Thursday, June 26, 2014

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Understand the New York City Energy Conservation Code and discuss how it is organized.

Know which projects the NYC Energy Code applies to and what documents the City requires.

Analyze crucial building envelope issues including insulation requirements and fenestration limitations.

Identify requirements associated with service water heating.

Describe the differences between simple and complex HVAC systems and discuss minimum equipment efficiencies.

Discuss power and lighting requirements and examine power limitations using whole building or space-by-space method.

Register online at: www.halfmoonseminars.com

HalfMoon Education Inc. presents:

Complying with the NYC Energy Conservation Code

New York, NY • Thursday, June 26, 2014

Identify which building projects the New York City Energy Conservation Code applies to

Review when to use COMcheck™

Discuss essential building envelope issues and calculate insulation thicknesses

Explore key topics in heating, ventilation, and air conditioning (HVAC) including specific requirements for simple and complex systems

Examine benchmarking, energy efficiency reporting, audits and retro-commissioning

Architects

6.5 HSW Contact Hours
6.5 AIA HSW Learning Units

Professional Engineers

6.5 Contact Hours/PDHs

Contractors

Non-Mandatory Continuing Ed.



About the Seminar

Thursday, June 26, 2014

NYC Seminar & Conference Center (800) 326-5494
71 West 23rd Street • New York, NY 10010

\$269 for one or \$249 each for three or more from the same company, registering at the same time. Each registration includes one copy of *Complying with the NYC Energy Conservation Code*.

Manage the registration table for reduced tuition!

You, someone in your office, or an associate can attend this event for only \$101 — just agree to be our on-site coordinator for the day. It's fun and easy, and a great way to earn your continuing education credits. For availability and a job description, go online to www.halfmoonseminars.com.

Four Easy Ways to Register Today!

Register online at www.halfmoonseminars.com, mail in registration form to **HalfMoon Education Inc., PO Box 278 Altoona, WI 54720-0278**, fax the form to (715) 835-6066, or call a customer service representative at (715) 835-5900.

Cancellations: Cancel at least 48 hours before the start of the seminar (CDT), and receive a full tuition refund, minus a \$39 service charge for each registrant. If you cancel after that time, you may choose to apply a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Earn continuing education credit!

This seminar is open to the public and offers up to 6.5 HSW continuing education hours to architects and 6.5 PDHs to professional engineers in most states, including New York, New Jersey, and Pennsylvania.

This event is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885).

HalfMoon Education is deemed a New York-approved continuing education provider for architects via its affiliation with the American Institute of Architects. HalfMoon Education is an approved continuing education provider for New York engineers (NYSED No. 35).

Courses approved by the American Institute of Architects qualify for New Jersey architects. HalfMoon Education is an approved CPC provider for New Jersey engineers (Approval No. 24GP00000700).

This event offers a continuing education opportunity to contractors but has not been approved by any state with a continuing education requirement for contractors.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

CD/Manual Package: An audio recording of this seminar is available for \$279 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration
8:00 - 8:30 a.m.

Morning Session
8:30 a.m. - 12:15 p.m.

Lunch (On your own)
12:15 - 1:15 p.m.

Afternoon Session
1:15 - 4:30 p.m.

Faculty

Evan Parganos *President, EP Engineering, New York City*

Mr. Parganos attended Stevens Institute of Technology, where he received a bachelor's of engineering degree in Mechanical Engineering. Throughout his educational career, he displayed a passion for creation, science and architecture. He ultimately chose to become an engineer and has been working in the industry since 1997, eventually establishing his own company in 2004. In his career, Mr. Parganos has worked on several award-winning projects across New York City as a lead HVAC Engineer. Along the way, he has instructed numerous seminars on the NYC energy code, energy audits and retro-commissioning. Through the unique challenges of each construction venture he embarks on, Mr. Parganos is constantly learning something new. He particularly enjoys working with architects to create spaces which are aesthetically pleasing and functional at the same time. The environment is also one of Mr. Parganos' passions. Accordingly, he has devoted a lot of time to learning about sustainable building and living practices. His personal philosophy is that we can do more as a society to live sustainably, and he hopes he can make a difference by educating clients on how to build greener projects.

Alessandro Spinelli *EP Engineering, New York City*

Mr. Spinelli graduated from Stevens Institute of Technology in Hoboken, New Jersey with a bachelor's and master's engineering degrees, both in the field of Mechanical Engineering. He also holds a master's certificate in Design of Pharmaceutical Facilities. While at Stevens, he won numerous awards and scholarships, including one for his design of a wastewater heat exchanger. After completing his rigorous honors program curriculum, he still managed to graduate with high honors. Mr. Spinelli was drawn to engineering because of his ability to solve problems quickly. He will never leave a problem unsolved and treats every project as a new and exciting challenge. Each project that he designs is solved in a methodical and practical way with the best balance of tradeoffs between cost and function.

Grayson Jordan, R.A. *Paul A. Castrucci, Architect, New York City*

Mr. Jordan is a certified passive house designer and an architect, registered to practice in the State of New York. He has worked on a wide range of project types and scales in and around the New York City area. Mr. Jordan's work in the firm has been focused on energy efficiency and sustainability. He has lectured on passive house and energy efficient design for such groups as the NYC Design and Development Corporation, and he has participated in the presentation of several projects on the New York City green buildings tour. Mr. Jordan's article "Energy Modeling and Today's Architectural Practice" was featured in *Environmental Design and Construction Magazine*, and his publications include a feature in the *Architect's Newspaper*.

Register online at: www.halfmoonseminars.com



Complying with the NYC Energy Conservation Code

Thursday, June 26, 2014

Yes, I will attend — New York, NY - Thursday, June 26, 2014
\$269 for a single registrant or \$249 each for three or more from the same company registering at the same time. (Manual included.)

No, I am not attending. Please send me the CD/Manual Package: \$279 (S & H included.) Allow 5 weeks from seminar date for delivery.

Complete the following for each registrant.

Attach duplicate forms if necessary.

Company/Firm:.....
Address:.....
City:.....State:.....Zip:.....
Phone Number:.....
Name:.....
Occupation:.....
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Name:.....
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Check payable to HalfMoon Education Inc.
(Yes, I was pre-registered by phone or fax.)

Credit Card MasterCard, Visa, American Express, or Discover.

Card Number:.....

Expiration Date:.....CVV2 Code:.....

Cardholder Name:.....

Billing Address:.....

City:.....State:.....Zip:.....

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Email is used for credit card receipt, program changes, and notification of upcoming products and seminars only. Your email address will not be sold or transferred.

I need special accommodations. Please contact me.

Detach entire panel. Send via fax to 715-835-6066 or by mail to HEI, PO Box 278, Altoona, WI 54720-0278.

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