

Agenda

Local Law 97 and the Science of Carbon Emissions

J. Baker

Contribution of carbon emissions from buildings to climate change
Statistics on carbon emissions from the built environment
Studies behind the law
Purposes of the law and mechanisms to achieve them
Technical amendments and future legislation

Regulatory Framework, Carbon Emissions Limits and Planning for Carbon Trading

D. Spitzer

Regulatory framework

- New DOB Office
- Advisory board
- Working groups
- Regulations
- City Council amendments

Carbon trading study and implementation plan due
Classifying buildings
Setting carbon emissions limits
Building in flexibility
Understanding alternative requirements

Positioning Yourself (and Your Building) for Carbon Compliance

M. Zuluaga

Improving energy efficiency of buildings
Deep energy retrofits
HVAC changes and expected results
Identifying and using new fuels
Greener electric grid
Retrofits and COVID-19
Deductions/renewables/RECs

Business Considerations Related to Local Law 97 Compliance

A. Saba

Applications for adjustments to the emissions cap
Landlord/tenant relationships and lease terms
Due diligence for real estate acquisitions and leasing

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Preparing for Carbon Emission Limits under NYC Local Law 97

Live, Interactive Webinar - Tuesday, January 26, 2021

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Learning Objectives

You'll be able to:

Describe how carbon emissions from buildings contribute to climate change.

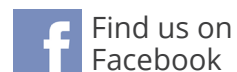
Explain Local Law 97's regulatory framework implementation timeline.

Understand how carbon emission limits are determined.

Identify ways to position buildings for carbon compliance.

Explore carbon compliance strategies such as deep energy retrofits, HVAC changes and the use of renewable energy credits.

Understand how to apply for adjustments to the emissions cap.



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HalfMoon Education Online Learning

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Learn how carbon emissions from buildings contribute to climate change and how NYC Local Law 97 aims to address it

Examine the law's regulatory framework and implementation timeline

Understand how carbon emissions limits are determined and identify pathways to carbon compliance

Explore how carbon trading, deep energy retrofits and deductions for renewables can position you and your building for compliance

Consider real estate due diligence issues, landlord/tenant concerns and other business considerations related to Local Law 97

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Justin Baker, PE, CEM, ACG CxA, EBCP, LEED® AP is the managing director for Liker Energy Solutions, a company that focuses on helping new and existing buildings improve their energy efficiency, reduce their carbon footprint, and create healthy and comfortable indoor environments. Mr. Baker is a professional engineer in multiple states including New York, is a Certified Energy Manager, a Certified Commissioning Authority, an Existing Buildings Commissioning Professional, and a LEED AP. Mr. Baker has saved clients over \$100M in energy costs over the last 13 years in the industry. He has worked across all market sectors and has conducted energy efficiency projects in every state within the US which include the Pentagon, U.S. Capitol Visitor Center, Hudson Yards, as well as EPA labs, military bases, and hotels nationwide. Mr. Baker has used energy modeling, energy audits, retro-commissioning, and commissioning to help his clients reduce energy usage while still delivering healthy, comfortable, and reliable spaces to live and work.

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.

Webinar Information

Log into Webinar 8:00 - 8:30 am EST	Break 11:45 am - 12:15 pm EST
Morning Session 8:30 - 11:45 am EST	Afternoon Session 12:15 - 3:30 pm EST

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Marc Zuluaga, PE is the chief executive officer at Steven Winter Associates (SWA). He has directed energy audits on over 20 million square feet of existing buildings and leads a team committed to applying a rigorous technical approach to the evaluation and implementation of a wide range of building upgrades. He is also the project manager for the Deutsche Bank / Living Cities Energy Efficiency Data Report Project. Within the new construction sector, he has overseen SWA's high-performance design and commissioning services for Dunn Developments Martin Luther King Apartments, the first high-rise multifamily ENERGY STAR® building in the country. Since the completion of this building in 2006, he has worked with Dunn Development, Phipps Houses and other major NYC developers to continuously evaluate and refine efficiency strategies, building on previous successes. He has led many successful research initiatives that have been grounded in the real world challenges and opportunities uncovered in SWA's day-to-day work for clients. Most notably, he has worked since 2005 to pioneer a retrofit approach to central exhaust ventilation systems in multifamily buildings, working openly and collaboratively with practitioners across the country. More recently, in research sponsored by the Urban Green Council, he acted as the team leader on a project to quantify the winter heat loss due to air leakage around window and sleeve air conditioners in NYC. He has also provided technical input to inform various policy initiatives; in 2010, he served on the NYC Green Codes Task Force that was convened by the Mayor's Office to recommend green changes to the laws and regulations affecting buildings in New York.

Alexis Saba is an associate at the environmental and energy law firm of Sive, Paget & Riesel. She focuses her practice on both cutting-edge and traditional environmental law matters—from advising clients on energy efficiency and climate resiliency planning to facilitating brownfields remediation and waterfront permitting. Alexis is a frequent speaker on NYC's Climate Mobilization Act and is collaborating with stakeholders in the real estate industry to identify implementation challenges and develop creative, adaptive compliance strategies that suit clients' business needs.

Additional Learning

- Preventing and Addressing Construction Defects and Failures**
- Mon, Dec 21, 2020 | 8:30 am - 5:00 pm CST
- Special Inspections under the International Building Code Chapter 17**
- Mon, Dec 28, 2020 | 9:00 am - 4:30 pm CST
- Residential and Small Commercial International Energy Conservation Code**
- Tues, Dec 29, 2020 | 9:30 am - 4:30 pm CST
- Deep Foundations and Excavations**
- Wed, Dec 30, 2020 | 9:00 am - 5:00 pm CST
- Practical Site Engineering: Science & Techniques**
- Thurs., Jan. 14, 2021 | 11:00 am - 3:15 pm CST
- Friday, Jan. 15, 2021 | 11:00 am - 2:15 pm CST

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