

E-Code - The Old and the New

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ABSTRACT

The Energy Code is arguably the least well understood code book in the New York State family of building codes. It is fairly complex, and the various compliance paths and mandatory requirements can seem confusing. Yet there are some basic concepts that are important to understand, that anyone who is involved in the design or construction of thermally conditioned buildings should be familiar with. Compliance with the Energy Code is important, not just, well, because it's the code, but because it is the key to reducing operational carbon and energy usage over the life of a building. It can be used as a starting point to high-performing buildings. We'll start by making the connection between energy-efficient buildings and mitigation of climate change. Then a series of important Energy Code concepts will be reviewed, in a rapid-fire Top Ten List format - aspects of the Energy Code that have been around for a while and are essential to know. Following that, the presentation will pivot to another equally fast-paced Top Ten list of provisions that are new to the 2020 Energy Code, including an overview of aspects of the 2020 NYStretch Code. This presentation comes with a money-back guarantee by the presenter that it will improve your understanding and use of the Energy Code, and that you will learn new things - interesting things - that will be useful if you are involved in the design, construction, or renovation of new or existing buildings.

BIOGRAPHY

Jim is a principal with Klepper, Hahn & Hyatt, a structural engineering, landscape architecture, and building envelope services firm in East Syracuse, New York. His 30-plus years' experience as a consulting structural engineer has primarily involved the design of new building structures, additions, and modifications, and analyses, assessments, and investigations of structures and facades, including ensuring the thermal performance of buildings. He's been an Energy Code trainer for about five

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years, presenting over 30 day-long live and virtual training sessions, as well as hundreds of other presentations.

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