

Residential Energy Code update to IECC 2015

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ABSTRACT

The session will discuss in detail both the updated provisions of the Energy Code, as well as the Building Science behind the modifications of the Code. Discussed will be modifications to limit moisture migration, and the control of the dewpoint in wall construction. Additionally discussed will be the need and focus of air sealing, and the inherent requirements for introduction of mechanical ventilation. Several acceptable methods of mechanical ventilation will be discussed in detail. Increase in ductwork stringency will be discussed as well as the differences between a "thermal boundary " and a "pressure boundary" as this relates to ductwork placement. This session is approved for Code Enforcement Officer credit in NY State.

BIOGRAPHY

Joseph Hill, RA, is the Assistant Director for Energy Services for the New York State Department of State Division of Code Enforcement & Administration. He is the chief administrator of the Energy Code in New York State. Joe has three decades of experience in design and design review in the fields of Architecture and Engineering in both the public and private sector. He has a wide diversity of professional design and design review experience in architectural, structural, energy, and HVAC systems. Joe has been with the Department of State Codes Division Technical Services Unit from 1999, through early 2007, where he has been recognized as taking the lead on many technical services initiatives. Joe has served on the Technical Subcommittee for the Residential Code of New York State (2007). Joe was appointed to lead the Energy Services unit in February of 2007, and also as the Chair for the Energy Conservation Construction Code of New York State 2010 and 2012 and is also very active in the ICC code change process at the national level. Joe is a registered architect and a certified code enforcement official.