

Lessons Learned in ENERGY STAR Multifamily New Construction Program

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ABSTRACT

The new federal tax credits known as 45L are causing a wave of fresh interest in ENERGY STAR certification. As building energy codes have increased, ENERGY STAR has ratcheted up its stringency while also refining many aspects of the certification process, particularly within the newest ENERGY STAR Multifamily New Construction Program (ESMFNC). Here are some tips for success based on early ESMFNC projects in New York state. Participants will learn the pros and cons of the 3 available pathways for compliance (ASHRAE, ERI and Prescriptive) from a real practitioner with experience in each, and lessons learned from six affordable and market-rate multifamily projects who were early adopters, including top issues teams have found in complying with the requirements and how to deal with them. In addition, the presentation will touch on complementary certifications including Indoor airPLUS and Zero Energy Ready Home, and how the ESMFNC program pairs with other Green Building Certification programs, such as LEED and Enterprise Green Communities.

BIOGRAPHY

Giulia Luci is a Senior Sustainability Consultant, certified LEED AP, LEED Green Rater, HERS Rater, and ESMFNC Verifier with seven years of experience in architectural design and building science consulting. She specializes in residential new construction projects pursuing program certifications such as LEED for Homes, Enterprise Green Communities, ENERGY STAR, HERS Rating, and Fitwel, providing comprehensive support and technical assistance, from design charrettes through performance testing.