Early Design Support towards Phius CORE Certification: 1818 5th Avenue Project

Presenter: Samantha Maimone

Presenter Biographies and Experience:

Samantha Maimone is a Project Manager and Energy & Green Building Consultant with expertise in sustainable energy management and energy-efficient design. She works closely with architects, developers, and clients to integrate sustainability, ensuring compliance with programs like ENERGY STAR®, LEED® for Homes, and Passive House. Samantha excels in energy modeling, risk assessment, and quality assurance, consistently delivering high-quality results in her projects.

Mr. Corp has over 25 years of experience designing multifamily developments in Upstate New York. His portfolio includes projects that meet green building standards, earning certifications like LEED, Energy Star Certified Homes, and Energy Star Multifamily. Committed to sustainable design, he focuses on environmental responsibility and energy efficiency, ensuring each development minimizes its ecological footprint while maximizing value for residents and communities.

Abstract:

This presentation will highlight the design of 1818 5th Avenue, a new multifamily construction residential project located in Troy, NY. This project, by the Rosenblum Companies, is a NYSERDA Building of Excellence (BoE) competition award recipient. 1818 5th Ave exemplifies decarbonization and energy efficiency. In this presentation, the architect and energy efficiency consultant will discuss how this project's design has evolved and how the NYSERDA Early Stage Design (ESD) support enabled the integration of advanced sustainability measures towards Passive House design certification. NYSERDA's BoE is a two-part, Demonstration and Early Design Support, RFP supporting the creation of replicable, clean and resilient, and carbon neutral multifamily buildings prioritizing occupant health and safety at predictable costs. The EDS program advances case study investigations and knowledge sharing to establish "business as usual" holistic carbon reduction frameworks for progressive design, construction, and industry practices. The program has undertaken in-depth investigations through modeling, guideline feasibility, building component evaluation, construction method innovations, and emerging marketplace and economic opportunities.