

How to get to Passive and Where to go Once You've Arrived: CreekView Case Study

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ABSTRACT

In the first half of this session we will share valuable lessons learned from Creekview Apartments at Woodland Park, the first affordable PHIUS certified project completed in Upstate NY. Hear about the teams' approach to affordability, how they adapted their standard 8-plex wood framed design to meet the very stringent passive house targets, and the successes and challenges encountered on the jobsite. In the second half you'll learn about where this team is headed with Creekview Phase 2 which will be taking the passive concept further by targeting full net-zero energy, with Solar PV, geothermal heat pump systems, and more centralized systems to save cost.

BIOGRAPHY

James Moriarty has been a practicing Energy Engineer and green building consultant for 9+ years. James consults with architects and developers on energy efficient design strategies and performs verification of energy performance for new construction and renovations for programs such as, Passive House Institute US (PHIUS), Enterprise Green Communities, ENERGY STAR™ and LEED® for Homes. James leads the quality assurance and oversight efforts of all verification programs. He has experience in high performance building design, design facilitation, and building energy modeling for large multifamily residential facilities.