

Zero Place - Carbon-Neutral Multi-Family Building: Preliminary Results + Lessons Learned

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ABSTRACT

Carbon-neutral Buildings are no longer a futuristic concept and have become a rapidly growing sector of the new single-family housing market. However, Carbon-neutral multi-family buildings are still emerging into the market-place, given some of the unique challenges related to high-density buildings. Zero Place, a mixed-use, multi-family new construction project designed for Carbon-neutral performance was recently completed and we plan to present the preliminary energy results. The Zero Place project is also a recipient of the NYSERDA Buildings of Excellence Award which included the installation of energy and climate monitoring systems. This session will provide an overview of the design and engineering strategies and lessons learned through the construction phase. The presenters have designed and constructed numerous Carbon-neutral Buildings and will draw on their prior successes as well as unanticipated challenges.

BIOGRAPHY

Pasquale has over twenty-five years' experience in the housing sector and has been dedicated to High Performance Building since 2004. As a Building Performance Professional and Energy Rater, he has consulted on numerous projects including buildings designed for zero-energy performance.

Anthony has been a builder since 1990. In 2007 built the first DOE-Rated Net-Carbon-neutral Home. Since then, he has built more than 30 additional "Carbon-neutral" homes that have been designed and constructed for a life cycle of at least seven generations.

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