The Optimum Decarbonization Path for Existing Buildings

Presenter: Matt Bowers

Additional Presenter:

1. Jonathan Finewood

Presenter Biographies and Experience:

Throughout a distinguished career based on service, Matt uniquely and authentically applies his engineering skills to alleviate the consequences of global warming in the built environment. Matt served in the United States Navy as a Naval Nuclear Engineer and graduated in Mechanical Engineering Technology with Highest Honors from Rochester Institute of Technology (RIT). Matt is considered a national expert in energy modeling, passive design and decarbonization planning.

Matt is an expert in passive design and has project experience across typologies from 5,000 square feet to 1.5 million square feet with new and existing buildings. Matt's credentials include Certified Passive House Designer, Certified Passive House Tradesperson, Passive House Certifier, HERS Rater, BPI Envelope Professional, Author of Details Calculated, Instructor for Passive House Designer and Tradesperson Training and Building Science Lecturer, Rochester Institute of Technology.

Jon's credentials include Certified Passive House Consultant, Certified RESENT HERS Rater, Certified Verifier (PHIUS), Subject Matter Expert in PHPP, Flixo, and IES VE, Certified Energy Star Multifamily New Construction, founder of the Rochester Building Science Group.

Abstract:

Every existing building has an Optimum Decarbonization Potential. To build an investible Decarbonization Plan delivering environmental, social, and economic benefits, building science and data science tools are essential for your decarbonization toolbox. This lab will load your toolbox with the tools necessary to decarbonize existing buildings the right way.