



MIKE MOORE, PE, Newport Ventures

EDUCATION, LICENSES & AFFILIATIONS

Professional Engineer, State of Colorado

B.S. Mechanical Engineering, 2000, University of Colorado

USGBC LEED Accredited Professional

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Associate Member

ASHRAE 62.2 Committee Voting Member

ASHRAE 90.2 Committee Voting Member

Energy Solutions Advisory Committee Member, Energy Outreach Colorado

EXPERIENCE AND CAPABILITIES OVERVIEW

Extensive technical experience in building construction focusing on research, development, demonstration, training, code development, and code compliance assessment of energy efficient, innovative, durable and sustainable products, systems, and buildings.

Codes and standards experience: Active voting member on ASHRAE 90.2 and ASHRAE 62.2. Author of several landmark code change proposals to 2012 I-codes related to building air tightness, mechanical ventilation, indoor air quality, and energy efficiency. Participant in national and state-level code development process. Prior service on Mississippi Building Code Council and The State of Florida's Building Code Termite Workgroup.

Code training experience: Conducted training in New York State on the New York Energy Conservation Construction Code and in Indiana on ASHRAE 90.1-2007 with Indiana amendments. Training delivered to building code officials, contractors, manufacturers, and state agency officials. Assisted with curriculum development.

Code compliance experience: Site-inspector, compliance assessment survey author and administrator. Contributed to development of Indiana roadmap for demonstrating 90% compliance with the energy code by 2017.

Building energy modeling and technical analysis: Technical research and evaluation of innovative building technologies including designing and deploying discrete data acquisition systems for performance verification. Proficient in building energy modeling software tools, especially as related to steel framed wall conductivity and performance. Presentation and dissemination of research results to government, association, builders, contractors and homeowners, including conferences sponsored by U.S. HUD, NAHB, IBHS, and MetalCon International. Co-author of recently published ASHRAE Journal article, "Design of a Radiant Slab Cooling System for Big Box Retail" (December 2010).