

Electrification + Resilience to Achieve NYS' Zero Emissions Law

Presenter: Josh Stack

Presenter Biographies and Experience:

Josh works as a residential builder and resilience consultant for a diversity of projects, all aimed at enhancing adaptive capacity and health. He serves as a subject matter expert to a variety of policy and building programs, including as a Co-Chair of the WELL Homes Global Advisory, US Global Change Resilience Dialogues, and NYSERDA building code, resilience and NYStretch consultant. In the past, he has taught at SUNY ESF and Cazenovia College as an adjunct.

Abstract:

This presentation introduces the draft NYS Electrification/Zero Emissions Law and provides a resilience science based, integrative design & construction process using building as systems approach to optimize the electrification, resilience and health of buildings and building occupants. Resilient building principles, means and methods, and NYS resources are also discussed, in the context of the NYS Uniform and Energy Code and current market realities facing builders. The presentation also integrates the presenter's experience in discussing the NYS Zero Emissions law to diverse audiences throughout the state on behalf of NYSERDA, as well in drafting all electric more stringent local energy codes.