

ISAAC R. ELNECAVE

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EDUCATION

University of California at Los Angeles, School of Public Policy and Social Research

Master of Public Policy, May 1999

Thesis: *Spatial Redistribution of Point Source Emissions after the Introduction of the SCAQMD RECLAIM Program.*

Columbia University, School of Engineering and Applied Science

B.S. Engineering Mechanics, April 1985

EXPERIENCE

Passive House Institute US (PHIUS), Chicago IL, 2019-Present

Certification Specialist

- Provide code advocacy expertise and assistance to state level advocacy groups such as: the Illinois Green Alliance, Midwestern Building Decarbonation Coalition, Michigan Environmental Council, and Fresh Energy (Minnesota) as well as state agencies such as the Massachusetts Department of Energy Resources. The aim has been to promote stretch codes that will eventually lead to the adoption of net zero codes.
- Provide data to advocates and agency staff on potential energy savings of constructing buildings to the PHIUS + 2018 standard as compared against the energy code.
- Review proposed designs to ensure conformance with Passive House standard – PHIUS+ 2018 – with aim to assist architects, designers, and engineers in achieving a PHIUS certification for the building (either single-family, multi-family or commercial).
- Review documentation by PHIUS trained energy raters to ensure that buildings are built to the specifications approved during the pre-certification process and ultimately receive final certification.

Midwest Energy Efficiency Alliance, Chicago IL, 2010-2017

Senior Policy Manager

- Gathered, analyzed, and disseminated information on the economic and environmental benefits of strong energy codes; technical and market data such as costs and availability of different technologies. Provided this information to legislators, regulators and state advocates.
- Tracked state policy activity on building energy codes and benchmarking.
- Participated in code development hearings at the International Code Council by both proposing amendments to the energy code and testifying at hearings.
- Member of the committee charged with the development of the ASHRAE 90.2 Standard.
- Established and developed both regional and individual state strategies for the adoption and implementation of building energy efficiency codes across the Midwest. Established priorities to determine where advocacy activity would take place and what specific policies to advocate.
- Testified at legislative and administrative hearings.

- Worked in coalition with state-based organizations on legislative campaigns focused on building energy code legislation.
- Coordinated a collaborative effort among diverse stakeholders to promote efficiency policies. Stakeholders included: state code officials, state energy office officials, utilities, architects, builders, manufacturers and environmental advocates
- Partnered with state-based organizations in legislative and administrative campaigns.
- Organized an annual regional energy codes conference focused on establishing networks among key stakeholders in the Midwest.
- Formed and facilitated an advisory committee of stakeholders specifically interested in building energy efficiency policies designed to solicit and evaluate advice and recommendations.
- Computed the state-based reductions in climate change emissions from the adoption of building efficiency policies. Disseminated this information to policymakers and stakeholders.
- Wrote funding proposals to foundations and prepared interim and final reports.
- Oversaw a team of three people working on policy adoption.
- Wrote a bi-weekly program update for stakeholders.

Northeast Energy Efficiency Partnerships, Lexington MA, 2002-2009

Building Energy Codes Project Manager

Energy Efficiency Standards Project Manager

- Wrote a framework document that guided the overall direction of energy codes activities.
- Wrote annual strategy document outlining the planned priorities and activities.
- Engaged in research and analysis needed to support legislative and regulatory briefings.
- Outreached to utilities, state agencies, and construction related professionals such as architects and builders.
- Participated in administrative rulemaking at the Department of Energy focused on ensuring the adoption of strong, cost-effective appliance efficiency standards.
- Tracked the progress of relevant legislation and administrative proceedings in Northeast states.
- Managed the activities of coalition members as they advocated for specific legislation, and solicited support from stakeholders.
- Provided technical and policy information to national and regional media.

Michigan Environmental Council, Lansing MI, 1999-2002

Policy Advocate

- Performed quantitative analysis of power plant emissions.
- Analyzed economic, legal and political aspects of air quality and energy issues including power plant emissions, renewable energy and energy efficiency.
- Presented results of analyses to legislators, regulators, media and other organizations.
- Organized grassroots efforts aimed at either preventing the construction of new coal fired power plants or cleaning up existing plants.
- Member of state working group that wrote rules to reduce power plant emissions.

LANGUAGE SKILLS

Isaac R. Elnecave - Resume

Fluent in Spanish.