



New Jersey Energy Code Collaborative Code Compliance and Workforce Subcommittee

May 2, 2025

Agenda



- Welcome and introductions (5 min)
 - Please introduce yourself in the chat!
 - Purpose, guiding principles & fact sheet
- Code Enforcement Workforce Study (5 min)
 - NEEP Code Enforcement Workforce Gap Analysis
- Code Compliance (5 min)
 - NJ Energy Code Compliance Baseline
- Related Workforce Initiatives (5 min)
 - NJ's Energy-efficiency Workforce Needs, Infrastructure, and Equity Assessment
 - Building and Industry Leadership Team (BILT)
 - Energy Code Official – Training and Education Collaborative (ECO-TEC)
- Discussion (35 min)
- Next steps (5 min)

Meeting Guidelines – Antitrust Statement



- Throughout our meetings, participants shall comply with competition law requirements and shall not enter into any discussion, activity or conduct that may violate any applicable competition law. Should the meeting discuss matters that contravene competition law requirements, it is the responsibility of participants to notify the Moderator who will discontinue the discussion or close the meeting.

About New Jersey Board of Public Utilities



Mission Statement

To ensure that safe, adequate, and proper utility services are provided at reasonable, non-discriminatory rates to all members of the public who desire such services. To develop and regulate a competitive, economically cost effective energy policy that promotes responsible growth and clean renewable energy sources while maintaining a high quality of life in New Jersey.

About Northeast Energy Efficiency Partnerships



- Non-partisan, non-profit organization founded in 1996
- One of six Regional Energy Efficiency Organizations
- We drive market transformation regionally by fostering collaboration and innovation, developing research and tools, and disseminating knowledge



About Rutgers Center for Urban Policy Research



The Built Environment and Green Building Group, formerly Rutgers Center for Green Building develops and implements research, education and training initiatives that promote environmental, economic, and social improvements for buildings and their occupants, in partnership with federal agencies, industry, state and local government, and community and not-for-profit organizations. Housed at the Edward J. Bloustein School of Planning and Public Policy, we form a common umbrella for initiatives across the university including at the Rutgers schools of Environmental and Biological Sciences, Engineering, Communication and Information, and the Business School.

NJ ECC Purpose



Establish a timely and robust, stakeholder-guided process to research and develop a New Jersey Zero Energy Building Roadmap that provides options to build government and market capacities to effectively advance an increasingly more energy-efficient building energy code and improve administration, enforcement and compliance, aligned with relevant clean energy policies of the State, including the Energy Master Plan goals and recommendations.

NJ ECC Guiding Principles



The New Jersey Energy Code Collaborative and its subcommittees are committed to establishing a transparent, collaborative, and evidence-based process to advance energy efficiency and high-performance buildings across New Jersey. The following principles guide our work:

- **Shared Commitment to Progress:**
 - we are united by a common goal: to help New Jersey transition toward more efficient, resilient, and high-performing buildings, in alignment with relevant clean energy policies of the State.
- **Welcoming All Perspectives:**
 - we value broad stakeholder engagement and are committed to creating a space where all voices can be heard and respected. Meetings will be facilitated to encourage open dialogue and thoughtful participation.

NJ ECC Guiding Principles



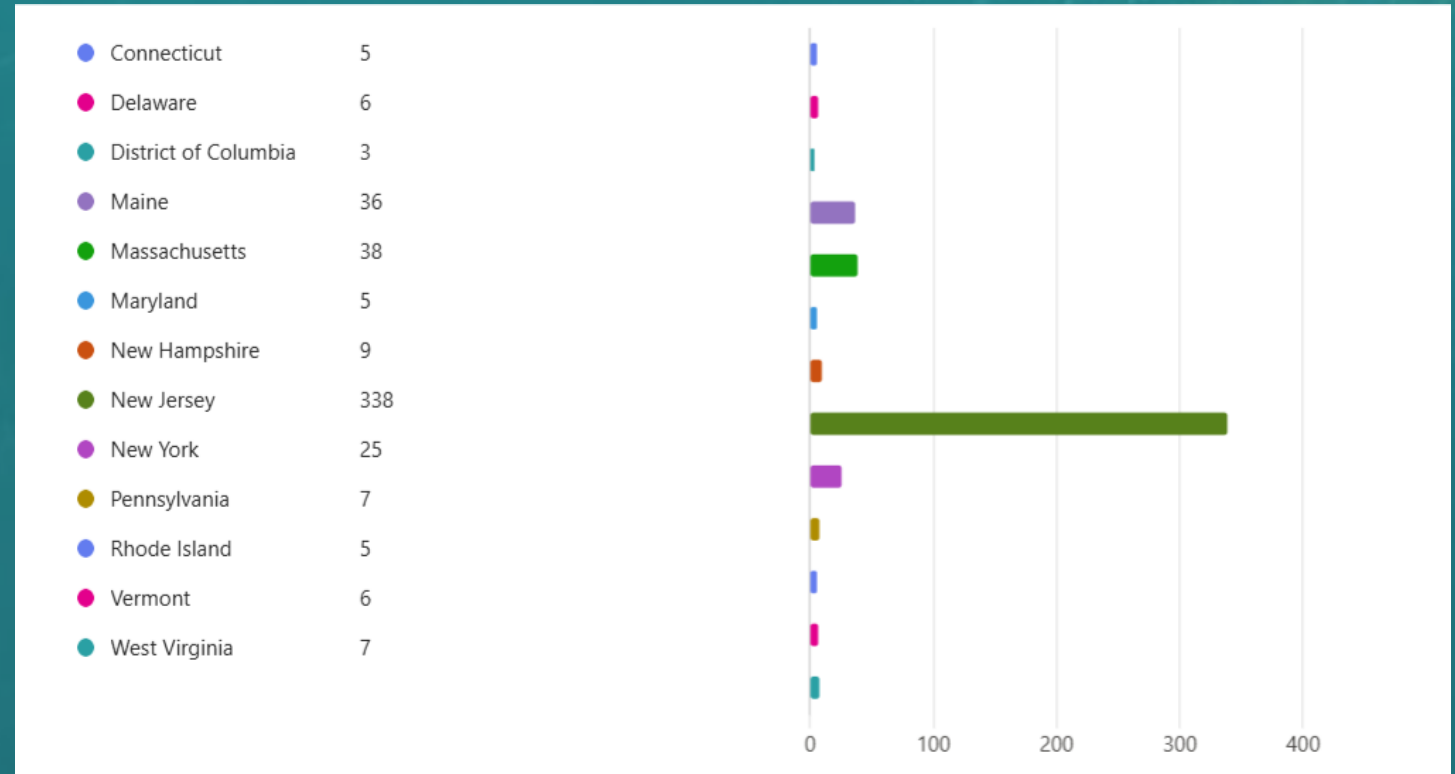
- **Transparency and Accountability:**
 - meeting summaries will be shared with the group for review prior to publication to ensure accurate reflection of discussions and input. We are committed to documenting the process clearly and consistently.
- **Commitment to Education:**
 - we aim to support stakeholders with access to relevant information through educational sessions, panels and other learning opportunities.
- **Draft Net Zero Building Roadmap as Living Document:**
 - the Draft Net Zero Building Roadmap will be treated as a dynamic, evolving resource that reflects emerging best practices, market developments, and stakeholder feedback.
- **Role of the New Jersey Energy Code Collaborative:**
 - the New Jersey Energy Code Collaborative facilitates and informs this process in a manner consistent with the principles.

Code Enforcement Workforce Gap Analysis Report



NEEP Code Enforcement Workforce Gap Analysis

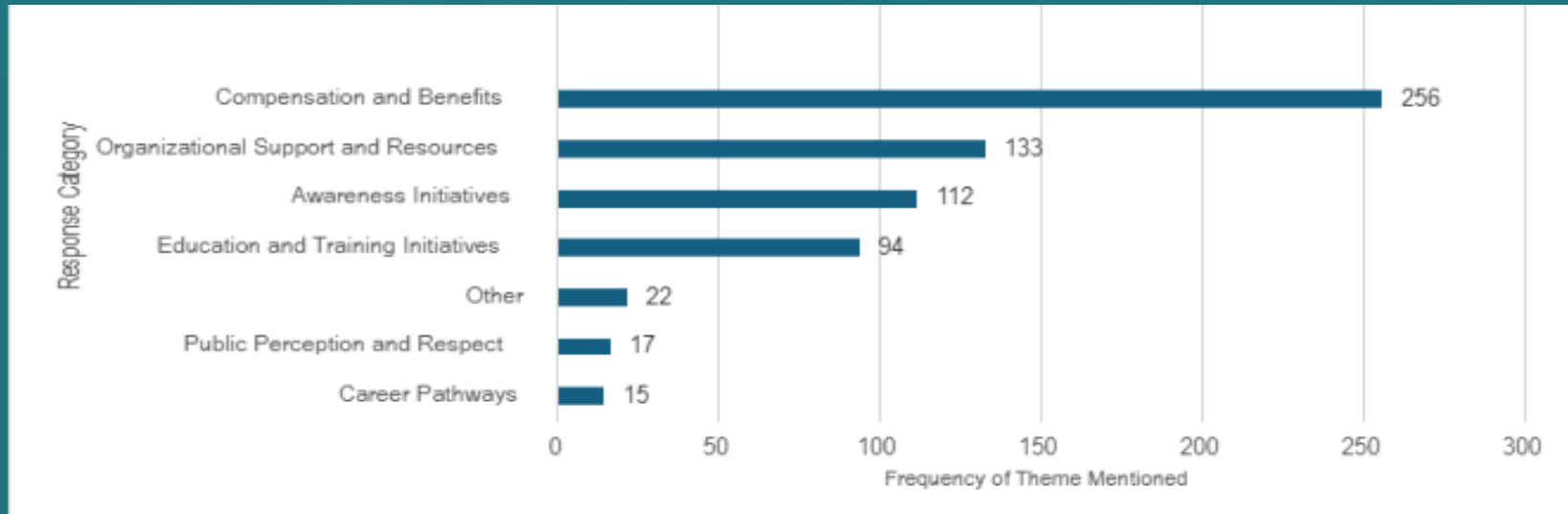
- Survey results:
 - 490 responses received
 - 338 responses from NJ
- Challenges:
 - **39% of code officials expected to retire between 2024 and 2029**
 - 18% expected to retire between 2030 and 2034
 - Additional **staffing shortages** due to unfilled positions
 - **Limited career awareness**



Code Enforcement Workforce Gap Analysis Report



- Solutions:
 - Compensation and Benefits: **Competitive salaries, full-time positions**
 - Recruitment Initiatives: **Increase awareness and educational pathways for high school/vocational school students**
 - Training Opportunities: **Focus on advanced energy codes and energy efficiency training, enhanced certification support**





NJ Energy Code Compliance Baseline

- DNV and NMR completed the New Jersey Energy Code Compliance study (ECC study) for Rutgers, The State University (Rutgers) and the New Jersey Board of Public Utilities (NJBP) in 2022
- Significant savings opportunities from improved compliance
- Opportunities to improve prescriptive compliance
- **Recommended targeted energy code training for building code officials and building professionals**

Related Workforce Initiatives



NJ's Energy-efficiency Workforce Needs, Infrastructure, and Equity Assessment

- to better understand and document community needs and areas for growth in training, recruiting, hiring, and retaining students, trainees, and workers from diverse backgrounds in the state
- produce strategies for improving workforce development infrastructure for state agencies to consider

Building and Industry Leadership Team (BILT)

- BILT is a collaboration between the New Jersey Board of Public Utilities (NJBPU), the New Jersey Department of Labor and Workforce Development (NJDOL), and the New Jersey Institute of Technology (NJIT).
- Brings together stakeholders to align the state's energy efficiency (EE) efforts and building decarbonization (BD) goals by bolstering the state's workforce capacity within the sector.

Energy Code Official – Training and Education Collaborative (ECO-TEC)

- Led by ASHRAE and ICC with support from NASEO and state partners (including NJ)
- The goal of ECO-TEC is to develop and deploy education and training resources focused on the energy code official community. State Agencies will coordinate implementation in NJ.



Discussion



Next Steps



For more information

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