

Rhode Island Energy Codes: Expanding Participation & Engagement

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Rhode Island Office of Energy Resources

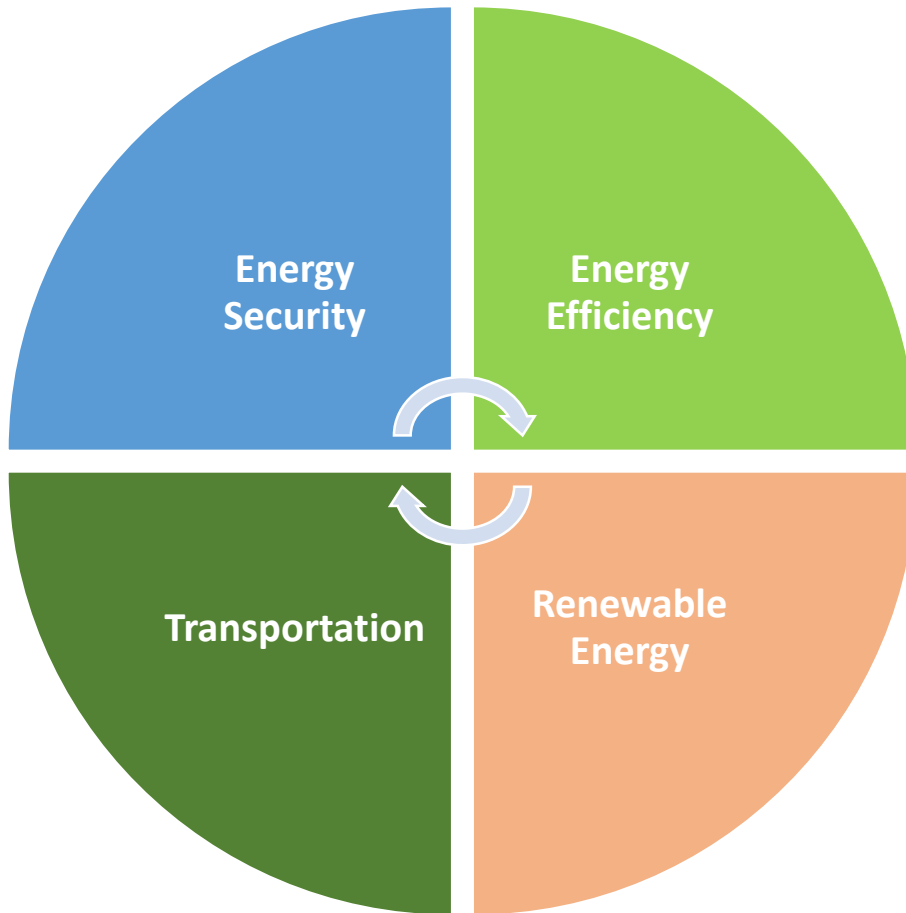
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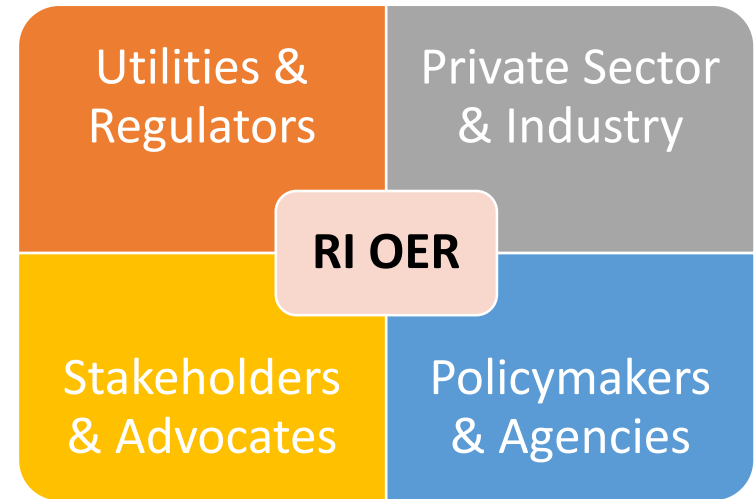
STATE OF RHODE ISLAND

**OFFICE OF
ENERGY RESOURCES**

Introduction to RI's Office of Energy Resources



The OER is the lead state agency on energy policy and programmatic matters

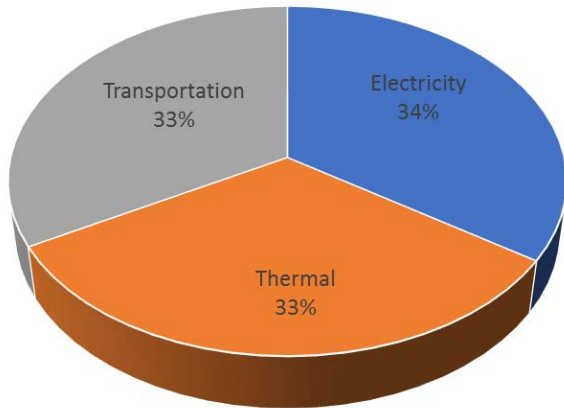


The OER works closely with diverse partners to advance Rhode Island as a national leader in the new clean energy economy

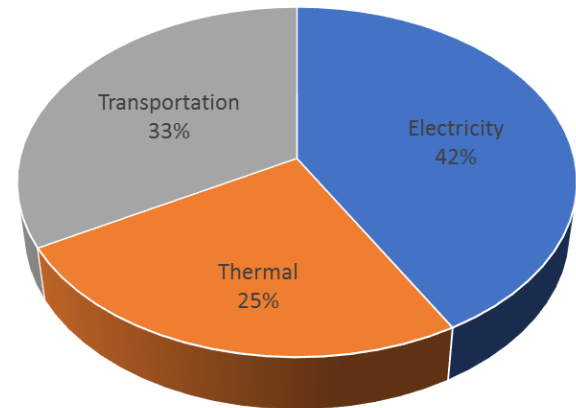
"Leading Rhode Island to a secure, cost-effective, and sustainable energy future."

Why are we focused on buildings?

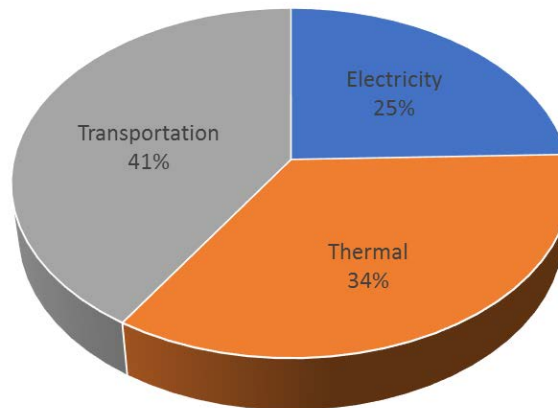
2016 Rhode Island Energy Consumption



2016 Rhode Island Energy Expenditure



2016 Rhode Island CO2 Emissions





RI Energy Codes: Current Status

- Currently on IECC 2012
- Historically active code development stakeholders:
 - Builder Associations
 - Manufacturers
 - Energy Office
 - Northeast Energy Efficiency Partnerships (NEEP)
 - Others



National Grid
White Paper: Goal
of Net Zero Energy
Codes by 2035

Net Zero Energy Buildings

Appraiser Trainings: Green Buildings



Building Energy Labeling: EMPRESS

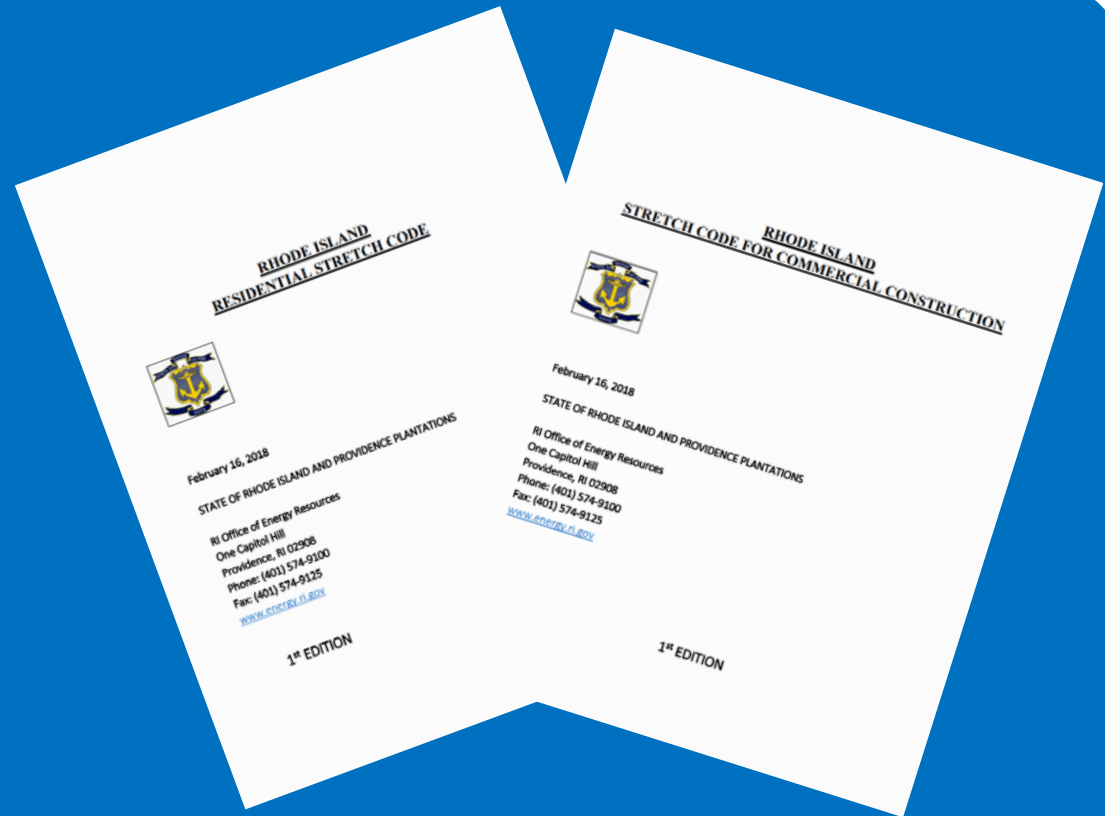
- Energy Efficiency is often invisible
- To improve RI's building stock, buyers, renters and owners need to be able to “see” the energy efficiency of their buildings



Lead By Example: Stretch Codes - Development & Maintenance

Educate & Spur the Market

- Recognition
- Road Map
- Create Demand/Market Transformation
- Incentives
- Collaboration



A low-angle, upward-looking photograph of several tall skyscrapers in a city. The buildings are made of brick and concrete, with many windows. The sky is blue with some white clouds. The perspective makes the buildings appear to converge towards the top of the frame.

RI's Green Buildings Act & Green Buildings Advisory Committee

- All new construction projects over 5,000 gsf, and all renovation projects over 10,000 gsf, constructed by a “public agency” be designed and constructed to the LEED Certified or equivalent high performance green building

Municipal Level: City of Providence

Voluntary Challenge

- 20% energy reduction by 2025
- Race to Zero



Energy Efficiency Program Engagement

Code Compliance Enhancement Initiative (CCEI)

- People Reached:
 - Code Officials
 - Architects
 - Engineers
- Informative EE Program
Evaluation Results

Resiliency



- Safety
- Insurance Costs



EE Program Engagement: Codes & Standards Development Process



2017 ACEEE Rankings

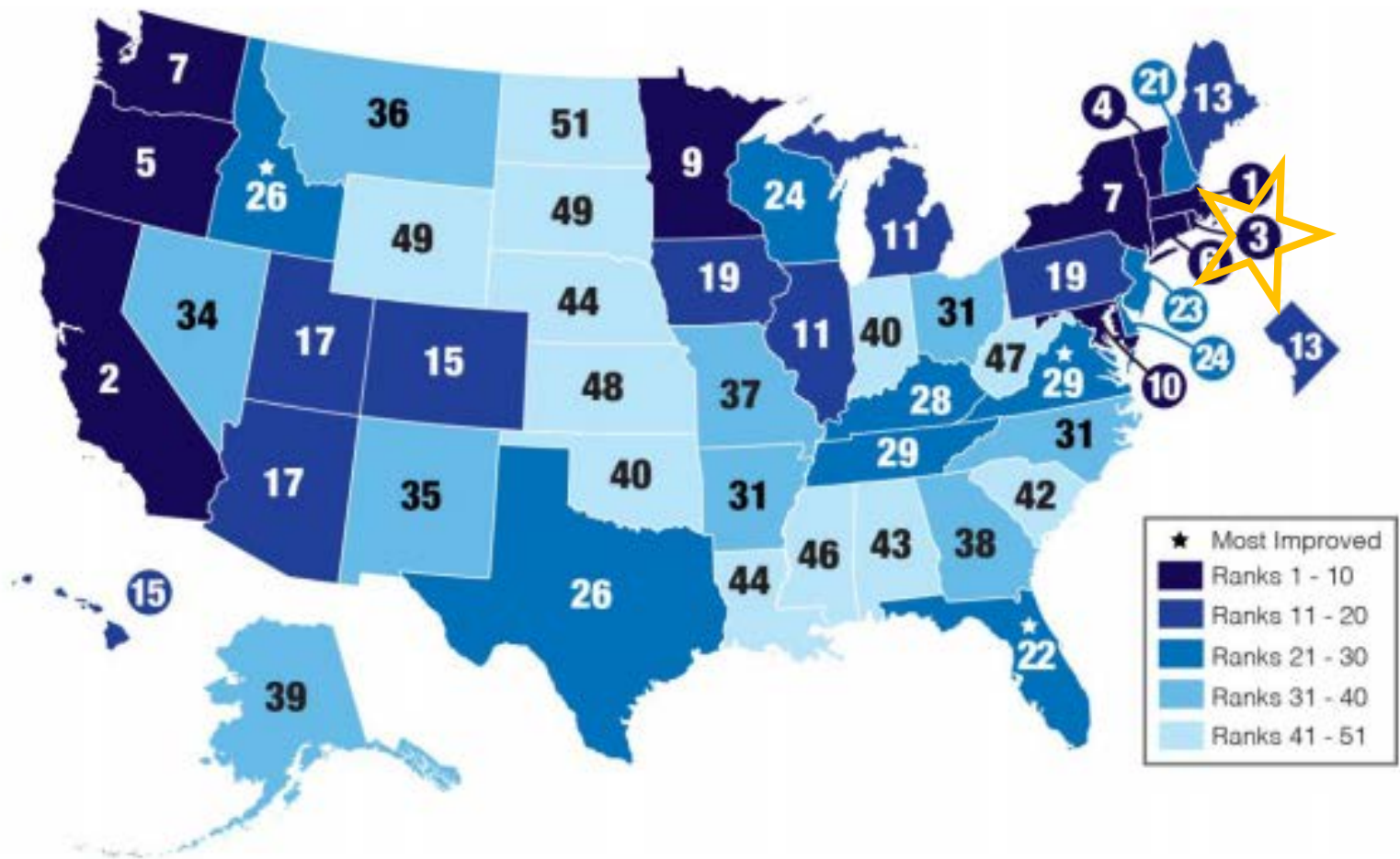


Figure ES1. 2017 State Scorecard rankings

Expanded Code Stakeholder List

- Municipal Sustainability Offices
- Insurance Providers
- Financial Lenders
- Building Appraisers
- Real Estate Professionals
- EE Program Administrators
- Legislators
- Environmental Groups
- Home Energy Raters/Assessors
- State Agencies: Health, Energy, Environment, Commerce



What Can RI Do Better?

Be more inclusive. Make it easier for code engagement

- Seek out manufacturers/installers (ASHPs, EVs, Demand Response Technologies)
- Financing professionals
- Health professionals



Contact Information

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