



STATE OF RHODE ISLAND
**ENERGY EFFICIENCY &
RESOURCE MANAGEMENT COUNCIL**



STATE OF RHODE ISLAND
**OFFICE OF
ENERGY RESOURCES**



**Rhode Island
Energy™**
a PPL company

ACEEE 2022 STATE ENERGY EFFICIENCY SCORECARD

Presented By: RI Office of Energy Resources
with additional support and analysis provided by
Rhode Island Energy
Date: March 16, 2023



ACEEE STATE SCORECARD

- The American Council for an Energy-Efficient Economy (ACEEE) is a nonprofit research organization dedicated to reducing energy waste and combatting climate change
- Mission: Through research, education, and advocacy, ACEEE advances the efficient use of energy to rapidly and equitably spur economic well-being and combat climate change
- Founded in 1980
- The State Scorecard has ranked energy efficiency policies and programs since 2006



CATEGORY POINTS 2020 vs 2022

UTILITY & PUBLIC BENEFITS PROGRAMS AND POLICIES	20	15
TRANSPORTATION POLICIES	12	13
BUILDING ENERGY EFFICIENCY POLICIES	9	12
STATE GOVERNMENT INITIATIVES	6	4.5
INDUSTRY ENERGY EFFICIENCY POLICIES	-	2.5
APPLIANCE AND EQUIPMENT EFFICIENCY STANDARDS	3	3



RHODE ISLAND 2022 STATE SCORECARD

- Rhode Island ranked 7th in the nation on the 2022 State Scorecard
 - Drop from 4th in the 2020 rankings
- RI scored 33 out of 50 points
- ACEEE highlights:
 - Least Cost Procurement
 - Zero Energy for the Ocean State (ZEOS) program with RI Housing
 - EE Equity Working Group



RI SCORES BY POLICY AREA – TOTAL 33/50

SCORES BY POLICY AREA

State score:

Remaining possible points:

National median score: |

#4

Utilities:
12.5/15 points



#11

Transportation:
7.5/13 points



#13

Building Policies:
6/12 points



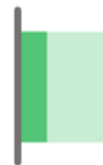
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Industry:
1.5/2.5 points



#12

Appliance Standards:
1/3 points



#1

State-Led Initiatives:
4.5/4.5 points





CHANGES TO UTILITY AND PUBLIC BENEFITS PROGRAMS AND POLICIES CATEGORY

Policy areas and metrics	2020 point allocation	2022 point allocation
Utility and public benefits programs and policies	20	15
Incremental savings from electricity efficiency programs	7	5
Incremental savings from natural gas and fuels efficiency programs	3	2.5
Spending on electricity efficiency programs	2.5	–
Spending on natural gas efficiency programs	1.5	–
Energy efficiency resource standards (EERS)	3	2
Performance incentives and fixed-cost recovery	2	2
Support of low-income energy efficiency programs	1	2
Policies to advance equitable utility-sector efficiency (0.5 pts. awarded for each of the following policies for a maximum of 1.5 pts):	Included in previous metric	1.5



EXPANDED FOCUS ON EQUITY AND CLIMATE JUSTICE IN UTILITY AND PUBLIC BENEFITS PROGRAMS AND POLICIES

POLICIES TO ADVANCE EQUITABLE UTILITY-SECTOR EFFICIENCY

- State or utility support of low-income programs
- Screening provisions for LI programs
- *Health/safety nonenergy benefits w/i cost-effectiveness tests (New)*
- *Equity-focused program impact metrics (New)*
- *Intervenor compensation (New)*



#1 IN PER CAPITA LOW INCOME SPENDING

Table 17. State support of low-income energy efficiency programs

State	2021 utility spending on low-income energy efficiency programs	2021 additional state spending on low-income energy efficiency programs	2021 total low-income energy efficiency spending	2021 state spending on low-income programs per income-qualified resident*	Score (2 pts.)
Rhode Island	\$18,562,300	\$2,225,000 ¹	\$20,787,300	\$79.04	2
Vermont	\$10,149,278 ²	—	\$10,149,278	\$71.98	2
New Hampshire	\$14,653,370	\$17,963 ³	\$14,671,333	\$59.40	2
Massachusetts	\$61,856,193	\$6,753,303	\$68,609,496	\$46.48	2



CHANGES TO TRANSPORTATION POLICY SCORING

	<u>2020</u>	<u>vs</u>	<u>2022</u>
• GHG tailpipe emissions standards	1.5	-	1.0
• EV fees	1.0	-	0.5
• Equitable transportation electrification			
– Steep investment required for EVs, charging equipment			
– Effects of geography, household income, and charging access			
– Recommendation: goals and funding streams to increase EV adoption			
– Community EVSE can also enhance the EV ownership			



NEW METRICS FOR BUILDING ENERGY EFFICIENCY POLICIES

- Stretch code adoption
- Fuel-switching enabling policies
- Minimum energy performance standards for state housing-agency-funded projects
- State efforts to remediate health/safety deficiency barriers to weatherization in low-income households
- ZEBs and electrification in affordable housing/construction



STATE GOVERNMENT INITIATIVES - CHANGES

	<u>2020</u>	<u>vs</u>	<u>2022</u>
• Financial incentives	2.5	-	1.0
• Lead-by-example efforts	2.0	-	1.0
• Carbon pricing	1.5	-	0.5



STATE GOVERNMENT INITIATIVES – NEW METRICS

- Dedication of carbon pricing revenues to EE equity initiatives
- Statewide emission reduction goal
- Statewide energy affordability or energy justice goal
- Equity task force or dedicated staff for equity concerns



INDUSTRY ENERGY EFFICIENCY POLICIES

- Strategic energy management (I-SEM) program
- Industrial decarbonization target or clean heat standard
- State-supported job training for industrial EE
- Large-customer opt-out programs* – up to –1 point



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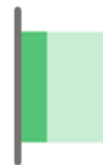
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