

Rhode Island Home Energy Rebate Programs: Overview and HER Proposal

July 31, 2024

Inflation Reduction Act of 2022

- Will provide over \$369 billion in funding for clean energy
- Intention is to supplement, not supplant, existing funding and programming in the states
- At least 40% of program benefits must go to disadvantaged communities
- Goals of the IRA are to:
 - Save households money
 - Grow American manufacturing and clean energy jobs
 - Fight climate injustice

IRA Home Energy Rebate Program Objectives

- Help households enjoy lower energy bills and more comfortable homes
- Make it easier to access and implement residential energy improvements
- Attract and retain a qualified workforce to serve both single and multifamily markets

• Spur durable market demand for residential efficiency and electrification by demonstrating value

IRA Home Rebate Programming – 2 Programs

Home Electrification and Appliance Rebates (HEAR)

- Point-of-sale rebates, primarily for electrification measures
- Limited to low- and moderateincome households
- RI is allocated \$31,820,030 for this program

Home Efficiency Rebates (HER)

- Point-of-sale rebates for energy efficiency improvements that achieve a minimum of 20% energy savings
- RI is allocated \$31,943,127 for this program

 Program Timeline: 2024 – Sep. 30th, 2031
 Programs will be implemented by the Rhode Island Office of Energy Resources (OER)

Home Efficiency Rebates (HER) IRA Section 50121

Definitions

- **Multifamily building** A single building containing at least two dwelling units used for residential purposes. Commercial uses that are not eligible include but are not limited to hotels/motels, dormitories, assisted living facilities that include hospital amenities, and correctional facilities. For mixed-use buildings, a State may elect to treat the residential portion of the building as a multifamily building.
- Low income a household under 80% area median income (AMI) per U.S.
 Department of Housing and Urban Development (HUD) guidelines
- Moderate income a household between 81-150% area median income (AMI) per HUD guidelines

Funding requirements:

- 40% of benefits must go to disadvantaged communities
- 40% must go to low-income homes (<80% AMI)
- 10% of funding must go to multifamily homes
 - Defined as a single building with two or more units

Tool used for identifying disadvantaged communities:

 The Council on Environmental Quality's Climate and Economic Justice Screening Tool: <u>CEJST Map</u>

Rhode Island Area Median Incomes

FY2024 Rhode Island Income Limits for Low- and Moderate-Income Households (Incomes over 80% AMI are calculated based on HUD 2008 income limits policy)

Little Co						ster, Jamesto rth Smithfiel		
						on, Warren, V		
	ich, West Wa			souul Killys	town, riverto	ni, warren, v	valwick, wes	ol.
Gittelim		000000000000000000000000000000000000000			F	C	7	0
30%	1 person	2 person	3 person	4 person	5 person	6 person	7 person	8 person
30% 50%	\$23,600	\$27,000	\$30,350	\$33,700	\$36,580	\$41,960	\$47,340	\$52,72
50%	\$39,350	\$45,000	\$50,600	\$56,200	\$60,700	\$65,200	\$69,700	\$74,20
80%	\$47,220	\$54,000	\$60,720	\$67,440	\$72,840	\$78,240	\$83,640	\$89,04
100%	\$62,950	\$71,950	\$80,950 \$101,160	\$89,900 \$112,400	\$97,100 \$121,400	\$104,300 \$130,400	\$111,500	\$118,70
115%	\$78,680	\$89,920			+	+	\$139,400	\$148,35
115%	\$90,510	\$103,500	\$116,380	\$129,260	\$139,610	\$149,960	\$160,310	\$170,66
120%	\$94,440	\$108,000	\$121,440	\$134,880	\$145,680	\$156,480	\$167,280	\$178,08
	PALITIES: Ho	2 person	3 person	4 person	5 person	6 person	7 person	8 person
30%	\$24,750	\$28,300	\$31,850	\$35,350	\$38,200	\$41,960	\$47,340	\$52,72
50%	\$41,250	\$47,150	\$53,050	\$58,900	\$63,650	\$68,350	\$73,050	\$77,75
60%	\$49,500	\$56,580	\$63,660	\$70,680		\$82,020	\$87,660	\$93,30
80%	\$66,000	\$75,400	\$84,850	\$94,250		\$109,350	\$116,900	\$124,45
100%	\$82,460	\$94,240	\$106,020	\$117,800	\$127,200	\$136,650	\$146,050	\$155,50
115%	\$94,870	\$108,440	\$122,010	\$135,470	\$146,400	\$157,210	\$168,020	\$178,83
4200/	400.000	A	A107.000					
120%	\$99,000	\$113,160	\$127,320	\$141,360	\$152,760	\$164,040	\$175,320	
Newport	t-Middletown PALITIES: Ne	-Portsmouth wport, Ports	n RI HMFA 20 mouth, Midd	\$141,360)24 dietown	\$152,760	\$164,040	\$175,320	\$186,60
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HER Program Modeled Energy Savings Funding Eligibility

Single-Family	mily				
Modeled Energy Savings	Income Level	Rebate Amount			
20%-34%	Less than 80% AMI*	Lesser of \$4,000 or 80% of project cost			
2070-3470	80% AMI and greater	Lesser of \$2,000 or 50% of project cost			
25% or greater	Less than 80% AMI*	Lesser of \$8,000 or 80% of project cost			
35% or greater	80% AMI and greater	Lesser of \$4,000 or 50% of project cost			
Multifamily					
Modeled Energy Savings	Income Level	Rebate Amount			
20%-34%	A building with at least 50% of households with incomes less than 80% AMI*	Lesser of \$4,000 per dwelling unit or 80% of project cost			
20%-34%	households with incomes 80%	\$2,000 per dwelling unit up to \$200,000 per building			
25% or greater	A building with at least 50% of households with incomes less than 80% AMI *	Lesser of \$8,000 per dwelling unit or 80% of project cost			
35% or greater	A building with at least 50% of households with incomes 80% AMI and greater	\$4,000 per dwelling unit up to \$400,000 per building			

*States may increase the maximum amount available for low-income households upon approval from DOE.⁷ See Section 3.1.3 for details.

HER Program Design Process

- Heat pump conversions are home energy upgrades that can typically achieve the required minimum 20% energy savings
- The Rhode Island Office of Energy Resources has our existing <u>Clean Heat Rhode Island</u> (CHRI) program to help Rhode Islanders with heat pump costs
- Current CHRI program pathways include:
 - Market-rate residential
 - Income-eligible residential (100% of costs covered)
 - Commercial (serving small businesses and nonprofits)

- Create a new, dedicated low-income multifamily <u>Clean Heat RI</u> pathway
 - Pathway would be accessible to public housing authorities
 - There is a need and interest to provide more dedicated energy efficiency support to the state's multifamily low-income homes
 - Rhode Island already has the Clean Heat RI program, so this proposal would supplement existing heat pump upgrade efforts, reducing administrative costs
 - Require that housing is weatherized prior to heat pump installation

HER Program Proposal

Modeled Energy Savings	Income Level	Rebate Amount		
200/ 240/	Less than 80% AMI*	Lesser of \$4,000 or 80% of project cos		
20%-34%	80% AMI and greater	Lesser of \$2,000 or 50% of project co		
250/	Less than 80% AMI*	Lesser of \$8,000 or 80% of project co		
35% or greater	80% AMI and greater	Lesser of \$4,000 or 50% of project co		
Multifamily				
Modeled Energy Savings	Income Level	Rebate Amount		
2007 2407	A building with at least 50% of households with incomes less than 80% AMI*	Lesser of \$4,000 per dwelling unit or 8 of project cost		
20%-34%	A building with at least 50% of households with incomes 80% AMI and greater	\$2,000 per dwelling unit up to \$200,0 per building		
25% or greater	A building with at least 50% of households with incomes less than 80% AMI *	Lesser of \$8,000 per dwelling unit or of project cost		
35% or greater	A building with at least 50% of households with incomes 80% AMI and greater	\$4,000 per dwelling unit up to \$400,0 per building		

- Request approval from the Department of Energy to increase funding per unit to \$16,000
- In addition, if project costs exceed \$16,000, we intend to supplement with Regional Greenhouse Gas Initiative (RGGI) funds to ensure project completion for approved applicants

HER Program Proposal Timeline

- Mid-July: Public presentation posted
- Late July: Public meeting held for stakeholder feedback
- Early August: Submit DOE HER Application
- August: Submit HER Blueprint
- October 2024: Launch HER program
- End of 2024: Submit Market Transformation Plan
- * Timeline is hypothetical and subject to change