



Rhode Island Energy™

a PPL company

Energy Affordability

For: Energy Efficiency Council
LEAD Session 10/5/2026

Intended Outcomes

1. Aid understanding of energy cost patterns
2. Understand that energy burden is different across our communities
3. Understand that energy burden is an acute affordability issue for electric customers with the lowest incomes
4. Ground energy efficiency costs within total energy costs for electric customers; set up discussion of ratepayer and participant benefits of energy efficiency
5. Understand our low-income discount and upcoming changes



Rhode Island Energy™
a PPL company

Opening question:

Why does RIE care about bills being affordable?

Intended Outcomes

1. Aid understanding of energy cost patterns
2. Understand that energy burden is different across our communities
3. Understand that energy burden is an acute affordability issue for electric customers with the lowest incomes
4. Ground energy efficiency costs within total energy costs for electric customers; set up discussion of ratepayer and participant benefits of energy efficiency
5. Understand our low-income discount and upcoming changes



Rhode Island Energy™
a PPL company

Opening question:

Why does RIE care about bills being affordable?

#1: We're part of our communities! We care about our family, friends, and neighbors!

#2: Good business strategy resulting from customer satisfaction and controlling broader costs associated with unpaid balances

Electric Energy Burden by Municipality

Municipality	Median Income	Electric Energy Burden
(a)	(b)	(c)
Barrington	\$ 150,542	1.3%
Bristol	\$ 96,005	2.1%
Burrillville	\$ 111,829	1.8%
Central Falls	\$ 45,921	4.3%
Charlestown	\$ 103,147	1.9%
Coventry	\$ 99,177	2.0%
Cranston	\$ 87,716	2.3%
Cumberland	\$ 118,642	1.7%
East Greenwich	\$ 149,577	1.3%
East Providence	\$ 79,660	2.5%
Exeter	\$ 99,236	2.0%
Foster	\$ 110,782	1.8%
Gloucester	\$ 111,243	1.8%
Hopkinton	\$ 97,576	2.0%
Jamestown	\$ 141,442	1.4%
Johnston	\$ 87,514	2.3%
Lincoln	\$ 115,181	1.7%
Little Compton	\$ 129,750	1.5%
Middletown	\$ 97,650	2.0%
Narragansett	\$ 95,777	2.1%

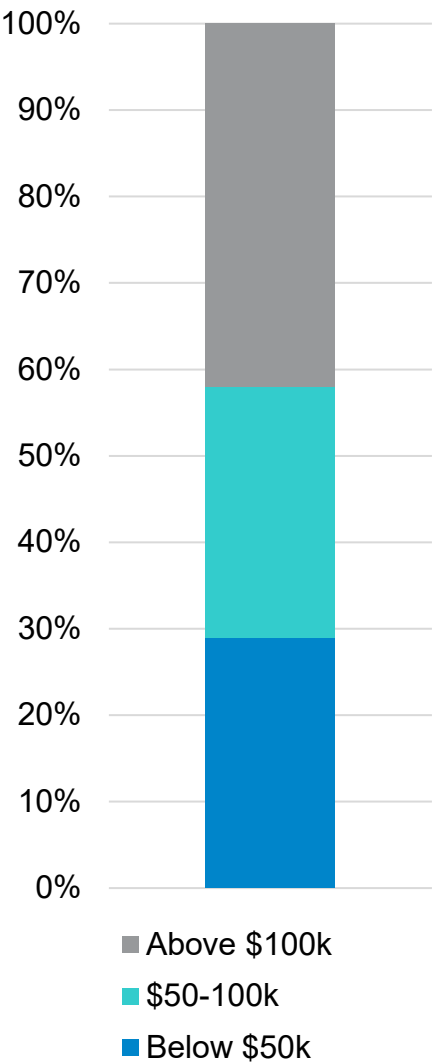
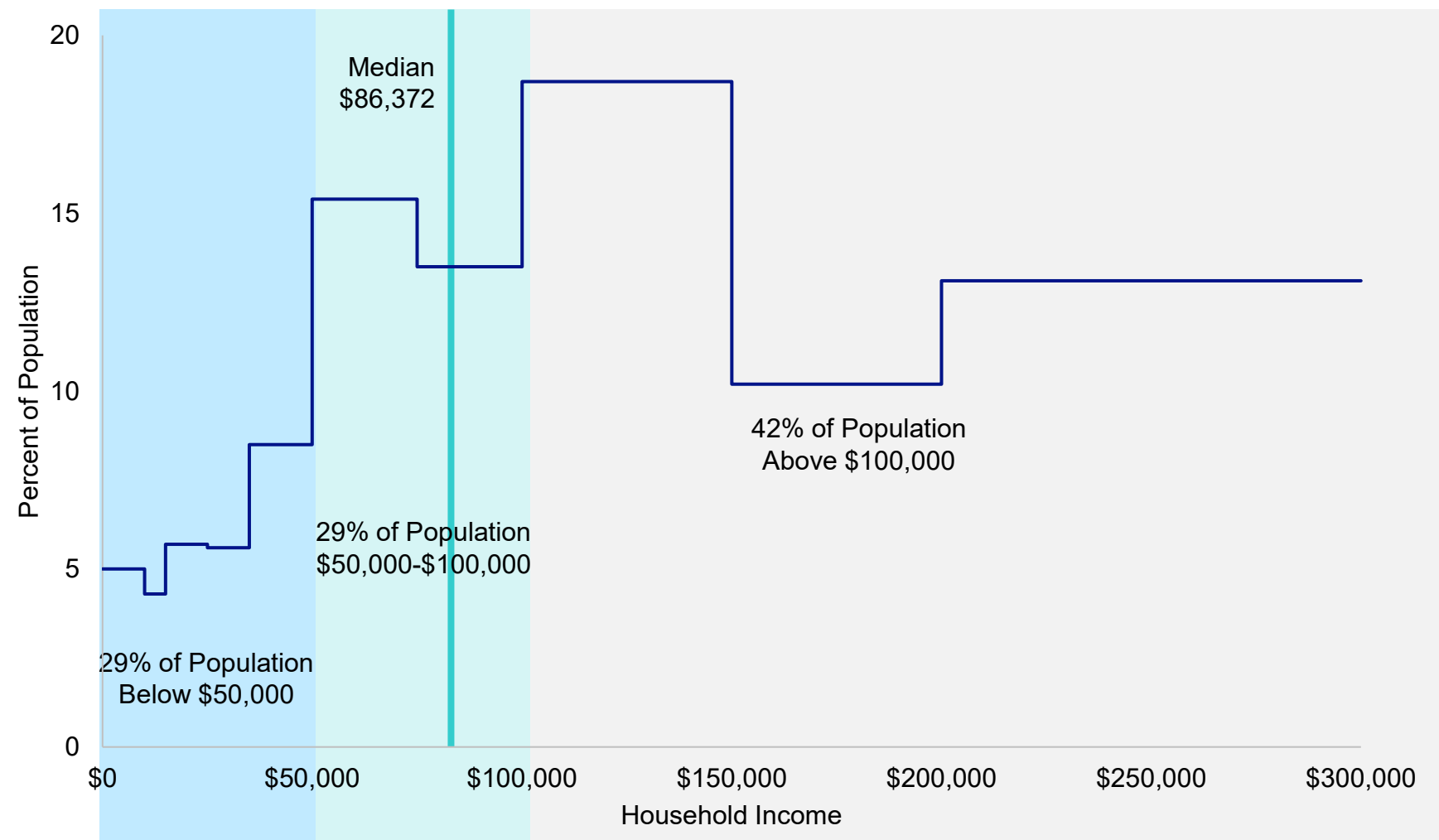
Municipality	Median Income	Energy Burden
(a)	(b)	(c)
New Shoreham	\$ 72,450	2.7%
Newport	\$ 83,562	2.4%
North Kingstown	\$ 120,565	1.7%
North Providence	\$ 80,854	2.5%
North Smithfield	\$ 107,813	1.8%
Pawtucket	\$ 67,436	3.0%
Portsmouth	\$ 119,500	1.7%
Providence	\$ 66,772	3.0%
Richmond	\$ 118,924	1.7%
Scituate	\$ 116,047	1.7%
Smithfield	\$ 101,653	2.0%
South Kingstown	\$ 111,063	1.8%
Tiverton	\$ 99,542	2.0%
Warren	\$ 89,722	2.2%
Warwick	\$ 87,536	2.3%
West Greenwich	\$ 137,485	1.4%
West Warwick	\$ 73,903	2.7%
Westerly	\$ 90,933	2.2%
Woonsocket	\$ 58,614	3.4%
Rhode Island	\$ 86,372	2.3%

<https://ripuc.ri.gov/Docket-25-45-GE>

Schedule PRB-5 ELEC to PRB-6-ELEC and Workpapers PRB-1 to PRB-9 (Excel)

Schedule PRB-5-ELEC

Rhode Island's Income Distribution



<https://ripuc.ri.gov/Docket-25-45-GE>
Schedule PRB-5 ELEC to PRB-6-ELEC and Workpapers PRB-1 to PRB-9 (Excel)
Based on Workpaper PRB-5

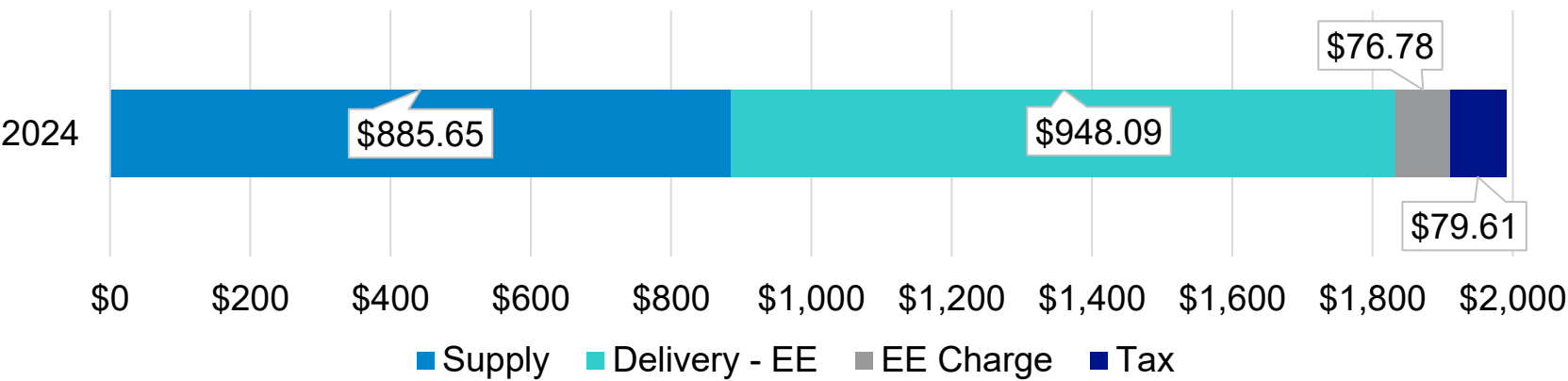
US HHS Federal Poverty Limit (FPL)

Percent of FPL (a)	Household Size				Total (f)
	1 Person (b)	2 People (c)	3 People (d)	4 People (e)	
100%	\$ 15,650	\$ 21,150	\$ 26,650	\$ 32,150	
1%	\$ 157	\$ 212	\$ 267	\$ 322	
75%	\$ 11,738	\$ 15,863	\$ 19,988	\$ 24,113	
150%	\$ 23,475	\$ 31,725	\$ 39,975	\$ 48,225	
250%	\$ 39,125	\$ 52,875	\$ 66,625	\$ 80,375	
Number of Households	131,859	149,960	68,722	86,361	436,902
Proportion of Households	30.2%	34.3%	15.7%	19.8%	100.0%

<https://ripuc.ri.gov/Docket-25-45-GE>
Schedule PRB-5 ELEC to PRB-6-ELEC and Workpapers PRB-1 to PRB-9 (Excel)
Workpaper PRB-4

Electric Energy Burden for Lowest Income Households

Discount Tier (a)	Weighted Average Household Income (b)	Gross Annual Electric Cost (d)	Energy Burden (f)	Total Customers (s)
0-75% FPL	\$ 9,723	\$ 1,990.12	20.5%	41,905
75-150% FPL	\$ 26,041	\$ 1,990.12	7.6%	41,075
151-250% FPL	\$ 46,042	\$ 1,990.12	4.3%	56,024



\$1,990.12
Cost of average monthly electricity consumption in 2024

In 2024, EE was 4% of the total electric bill cost

Does not call out EE-caused reductions in ratepayer costs or differences in average bill costs between participants and non-participants

<https://ripuc.ri.gov/Docket-25-45-GE>
 Schedule PRB-5 ELEC to PRB-6-ELEC and Workpapers PRB-1 to PRB-9 (Excel)
 Excerpted from Schedule PRB-6-ELEC (a, b, d, f) and Workpaper PRB-6 (s)
 Bar chart based on Workpaper PRB-2 and Tariff No. 2095 in effect 1/1/2024



Rhode Island Energy™
a PPL company

Electric / Natural Gas Comparison

ELECTRIC	Municipality	Median Income	Energy Burden for A-16	Energy Burden for LIDR 25% Discount	Energy Burden for LIDR 30% Discount
	(a)	(b)	(c)	(d)	(e)
	Central Falls	\$ 45,921	4.3%	3.3%	3.0%
	Pawtucket	\$ 67,436	3.0%	2.2%	2.1%
	Providence	\$ 66,772	3.0%	2.2%	2.1%
	Woonsocket	\$ 58,614	3.4%	2.5%	2.4%
	<u>Rhode Island</u>	<u>\$ 86,372</u>	<u>2.3%</u>	<u>1.7%</u>	<u>1.6%</u>

\$1,990

Cost of average
monthly electricity
consumption in 2024

\$1,530

Cost of average
monthly gas
consumption for gas
heating customers in
2024

GAS	Municipality	Median Income	Energy Burden for R12	Energy Burden for LIDR 25% Discount	Energy Burden for LIDR 30% Discount
	(a)	(b)	(c)	(d)	(e)
	Central Falls	\$ 45,921	3.3%	2.5%	2.3%
	Pawtucket	\$ 67,436	2.3%	1.7%	1.6%
	Providence	\$ 66,772	2.3%	1.7%	1.6%
	Woonsocket	\$ 58,614	2.6%	2.0%	1.8%
	<u>Rhode Island</u>	<u>\$ 86,372</u>	<u>1.8%</u>	<u>1.3%</u>	<u>1.2%</u>

~75%

Gas costs for heating
customers relative to
electric costs;
translates to
difference in energy
burdens

<https://ripuc.ri.gov/Docket-25-45-GE>

Schedule PRB-5 ELEC to PRB-6-ELEC and Workpapers PRB-1 to PRB-9 (Excel)

Schedule PRB-5-ELEC

Gas: RIE's Response to the Commission's Fourteenth Set of Data Requests

Excerpted from Attachment PUC 14-3

Enhanced Low-Income Discount Rate (LIDR+)

Discount Tier (a)	Weighted Average Household Income (b)	Gross Annual Electric Cost (d)	Energy Burden (f)	Pre-Average LIHEAP Equivalent Discount (j)	Discount Value (k)	Discounted Energy Cost (k)	Post-LIDR+ Energy Burden (j)
0-50% FPL	\$ 6,771	\$ 1,990.12	29.4%	75%	\$ 1,492.59	\$ 497.53	7.3%
50-75% FPL	\$ 14,975	\$ 1,990.12	13.3%	66%	\$ 1,313.48	\$ 676.64	4.5%
75-100% FPL	\$ 20,631	\$ 1,990.12	9.6%	56%	\$ 1,114.47	\$ 875.65	4.2%
100-150% FPL	\$ 29,175	\$ 1,990.12	6.8%	38%	\$ 756.25	\$ 1,233.88	4.2%
151-250% FPL	\$ 46,042	\$ 1,990.12	4.3%	10%	\$ 199.01	\$ 1,791.11	3.9%

32,430
Customers enrolled in LIDR

23%
LIDR enrollment rate

3 out of 4
Customers with household incomes < 250%
Who do not receive discounted bills

- Electric customers only
- (no changes to LIDR for gas customers)
- Maintain best practice of program qualification
- Discount cannot bring subtotal to less than \$20
- For effect this winter (exact timing to be announced)

<https://ripuc.ri.gov/Docket-25-45-GE>

Adapted and excerpted from Schedule PRB-6

Enrollment statistics from 4770 Monthly Low-Income Report and Workpaper PRB-7

Questions and Discussion



Carrie A. Gill, Ph.D. | [Head of Electric Regulatory Strategy](#)
External Affairs | (401) 895-9282 | CAGill@rienergy.com

**It's not just energy—
It's your energy.**

