

Orange and Rockland Utilities, Inc.

Hybrid Average Low Income Bill Calculation

The below table contains Orange and Rockland's average undiscounted low-income customer bills used to calculate the revised Energy Affordability Program (EAP) discounts in the Company's November 1, 2022 filing. The figures below are based on the following assumptions:

1. The average monthly usage is based on the three-year historic low-income average monthly usages for the 36-month period ended August 2022.
2. The average monthly historic commodity costs are based on the three-year historic commodity related prices billed to residential full service customers for the 36-month period ended August 2022.
3. The 2023 forecast delivery cost is based on
 - a. 2023 base delivery rates from the Company's rate cases filed in Case Nos. 21-E-0074 and 21-G-0073.
 - b. Based on current (i.e., as of October 2022) rates
 - i. ECA (ELECTRIC ONLY)
 - ii. VDER COST RECOVERY (ELECTRIC ONLY)
 - iii. DLM (ELECTRIC ONLY)
 - iv. EVS (ELECTRIC ONLY)
 - v. ESS (ELECTRIC ONLY)
 - vi. DRS
 - vii. SBC
 - viii. RDM
 - ix. TACS (ELECTRIC ONLY)
 - x. MGA (GAS ONLY)

All charges include an estimate of GRT, MTA Tax, and Sales Tax applicable to residential customers.

	3-yr. Historic LI Customer Average Monthly Usage (kWh,Th,ccf)	3-yr. Weighted Average Monthly Historic Commodity Cost	2023 Forecast Delivery Cost Based on 3- yr. Historic Monthly Usage	Hybrid Total Cost Using Historic Commodity Cost + Forecast Delivery Cost
Electric Heat	956	\$70.12	\$120.74	\$190.86
Electric Non-heat	668	\$51.37	\$94.38	\$145.75
Gas Heat	81	\$35.54	\$88.57	\$124.11
Gas Non-heat	17	\$7.42	\$34.88	\$42.30

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Updated EAP Discounts

O&R Discounts Effective December 1, 2022				
	Electric Heat	Electric Non-Heat	Gas Heat	Gas Non-Heat
Tier 1	\$49.69	\$49.69	\$11.87	\$3.00
Tier 2	\$60.48	\$60.48	\$33.27	\$3.00
Tier 3	\$80.68	\$80.68	\$54.16	\$3.00
Tier 4	\$72.95	\$72.95	\$46.17	\$3.00

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Energy Burden Level for 2022-2023 HEAP Season

		Annual Income	Monthly Income	6.00%	HEAP Pmt.	Net E.B.	
Tier 1	heap - heating	\$39,521	\$3,293.40	\$197.60	\$400.00	\$230.94	
Tier 1	heap - non-heat	\$39,521	\$3,293.40	\$197.60	\$45.00	\$201.35	
Tier 2	heap +1	\$29,042	\$2,420.19	\$145.21	\$438.00	\$181.71	
Tier 3	heap+2	\$21,057	\$1,754.71	\$105.28	\$476.00	\$144.95	
Tier 4	ug/dv	\$13,071	\$1,089.23	\$65.35	\$1,124.00	\$159.02	\$54

Current - Energy Burden Level for 2022-2023 HEAP Season

		Annual Income	Monthly Income	6.00%	HEAP Pmt.	Net E.B.	
Tier 1	heap	\$44,760	\$3,730.00	\$223.80	\$400.00	\$257.13	
Tier 2	heap +1	\$34,282	\$2,856.79	\$171.41	\$438.00	\$207.91	
Tier 3	heap+2	\$23,803	\$1,983.58	\$119.02	\$476.00	\$158.68	
Tier 4	ug/dv	\$18,310	\$1,525.83	\$91.55	\$1,124.00	\$185.22	\$54

Tier 1	adjusted	median (T1, T2)	\$3,293.40
Tier 2	adjusted	median (T2, T3)	\$2,420.19
Tier 3	adjusted	median (T3, T4)	\$1,754.71
Tier 4	adjusted	= T4 - (Curr. T1- Ajd. T1)	\$1,089.23

Tier 4 =	Annual FPL =	\$18,310
Tier 3 =	monthly FPL	\$1,525.83
	130% * FPL	\$1,983.58
	https://aspe.hhs.gov/topics/poverty-economic-mobility/po	

		HEAP Add-ons	
		Vulnerable Person	\$35.00
		Income Based	\$41.00
Tier 2	Average		\$38.00
Tier 3	Summed		\$76.00

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O&R - Utility Low Income Usage and Average Bill				
		Usage (kWh, Th, ccf)	Average Monthly Bill* (Undiscounted \$)	Adjusted Bill (Grossed up by 10%)
Gas	Heat	81	\$124.11	\$136.52
	Non-Heat	17	\$42.30	\$46.53
Electric	Heat	956	\$190.86	\$209.95
	Non-Heat	668	\$145.75	\$160.33

Gross Factor

110%

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Total Energy Burden Goal	6.00%
Min. Discount	\$3.00

Grandfathered Discounts		Gas	Electric
current	heat		
	non-heat		

Combined Energy Burden	Electric		Gas	
	Adjusted Energy Burden	Factor of Adjustment	Adjusted Energy Burden	Factor of Adjustment
6.71%	3.30%	0.910	3.41%	0.880

Program Budget Estimated 2023 Sales Revenues with delivery rate increase Pct. of Revs.

Tier	Ele. Target Bill	Gas Target Bill	gas ht	bill	pct	target bill	discount	Gas	Electric	Cost - Gas	Cost - Electric	Gas Bills	Electric Bills	elec	Program Budget	Estimated 2023 Sales Revenues with delivery rate increase	Pct. of Revs.	
								Customers	Customers									
Tier 1	\$126.89	\$131.21	gas n/h	\$136.52	3.89%	\$124.65	\$11.87	1,454		\$207,108		\$2,381,993		elec	\$12,267,485	\$621,818,303	1.97%	
	\$110.63	\$114.41	elec ht	\$209.95	23.67%	\$160.25	\$49.69	184		\$6,624		\$102,737		gas	\$5,773,054	\$292,888,670	1.97%	
		\$235.28	elec n/h	\$160.33	30.99%	\$110.63	\$49.69		137		\$81,692							
											\$3,084,028			\$345,151				
Tier 2	\$99.84	\$103.25	gas n/h	\$136.52	24.37%	\$103.25	\$33.27	2,669		\$1,065,717		\$4,372,448						
			elec ht	\$209.95	28.81%	\$149.46	\$60.48	18		\$648		\$10,050						
		\$203.09	elec n/h	\$160.33	37.73%	\$99.84	\$60.48		161		\$116,854							
											\$1,942,252			\$405,616				
Tier 3	\$79.64	\$82.36	gas n/h	\$136.52	39.67%	\$82.36	\$54.16	6,851		\$4,452,773		\$11,223,546						
			elec ht	\$209.95	38.43%	\$129.26	\$80.68	32		\$1,152		\$17,867						
		\$162.00	elec n/h	\$160.33	50.32%	\$79.64	\$80.68		309		\$299,171							
											\$6,652,444			\$778,480				
Tier 4	\$87.37	\$90.35	gas n/h	\$136.52	33.82%	\$90.35	\$46.17	70		\$38,780		\$114,676						
			elec ht	\$209.95	34.75%	\$136.99	\$72.95	7		\$252		\$3,908						
			elec n/h	\$160.33	45.50%	\$87.37	\$72.95		8		\$7,003							
											\$84,040			\$20,155				
													\$184,694					
								total cust.	11,285	15,430	\$5,773,054	\$12,267,485	\$18,227,227	\$30,051,984				
								Benefit/cust.	512	795		Discount	31.67%	40.82%	37.37%			
								Benefit/cust./per mo.	43	66								
								Current budget			\$5,359,000	\$10,347,184						
								budget difference %			7.73%	18.56%	14.86%					