

CITY OF LAKE WORTH BEACH, FLORIDA
Electric Cost of Service Study

Comparison of Existing and Proposed Residential Service Rates [1]

			Residential Service	
			Existing	Proposed 2025
Customer Charge		(\$)	\$11.08	\$11.97
Energy Charge	First 1,000 kWh	(\$/kWh)	\$0.07245	\$0.07825
Energy Charge	Additional kWh	(\$/kWh)	\$0.09345	\$0.10093
PCA [2]	First 1,000 kWh	(\$/kWh)	\$0.02438	\$0.02438
PCA [2]	Additional kWh	(\$/kWh)	\$0.03438	\$0.03438

Usage (kWh)	Existing		Proposed 2025		Difference	
	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
500	59.50	11.899	63.29	12.657	3.79	0.758
600	69.18	11.530	73.55	12.258	4.37	0.728
700	78.86	11.266	83.81	11.973	4.95	0.707
800	88.54	11.068	94.07	11.759	5.53	0.691
900	98.23	10.914	104.34	11.593	6.11	0.679
1,000	107.91	10.791	114.60	11.460	6.69	0.669
1,100	120.69	10.972	128.13	11.648	7.44	0.676
1,200	133.48	11.123	141.66	11.805	8.19	0.682
1,300	146.26	11.251	155.19	11.938	8.93	0.687
1,400	159.04	11.360	168.72	12.052	9.68	0.692
1,500	171.83	11.455	182.26	12.150	10.43	0.695
2,000	235.74	11.787	249.91	12.496	14.17	0.708
2,500	299.66	11.986	317.57	12.703	17.91	0.716
3,000	363.57	12.119	385.22	12.841	21.65	0.722
4,000	491.40	12.285	520.53	13.013	29.13	0.728
5,000	619.23	12.385	655.84	13.117	36.61	0.732

[1] Amounts shown reflect single phase, inside the City service.

[2] Power Cost Adjustment effective March 2024.

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Comparison of Existing and Proposed General Service Non-Demand Rates [1]

				General Service Non-Demand	
				Existing	Proposed 2025
Customer Charge			(\$)	\$17.85	\$19.28
Energy Charge	All kWh		(\$/kWh)	\$0.09135	\$0.09866
Power Cost Adjustment [2]			(\$/kWh)	\$0.02648	\$0.02648

Usage (kWh)	Existing		Proposed 2025		Difference	
	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
1,000	135.68	13.568	144.42	14.442	8.74	0.874
1,250	165.14	13.211	175.71	14.056	10.57	0.845
1,500	194.60	12.973	206.99	13.799	12.40	0.826
1,750	224.05	12.803	238.28	13.616	14.22	0.813
1,900	241.73	12.722	257.05	13.529	15.32	0.806
2,000	253.51	12.676	269.56	13.478	16.05	0.803
3,000	371.34	12.378	394.70	13.157	23.36	0.779
4,000	489.17	12.229	519.84	12.996	30.67	0.767
5,000	607.00	12.140	644.98	12.900	37.98	0.760
6,000	724.83	12.081	770.12	12.835	45.29	0.755
7,000	842.66	12.038	895.26	12.789	52.60	0.751
8,000	960.49	12.006	1,020.40	12.755	59.91	0.749
9,000	1,078.32	11.981	1,145.54	12.728	67.22	0.747
10,000	1,196.15	11.962	1,270.68	12.707	74.53	0.745

[1] Amounts shown reflect single phase, inside the City service.

[2] Power Cost Adjustment effective March 2024.

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Comparison of Existing and Proposed Rates for General Service Demand [1]

		General Service Demand	
		Existing	Proposed 2025
Customer Charge	(\$)	\$136.50	\$147.42
Demand Charge	(\$/kW)	\$12.60	\$13.61
Energy Charge	All kWh (\$/kWh)	\$0.05460	\$0.05897
Power Cost Adjustment [2]	(\$/kWh)	\$0.02648	\$0.02648

Demand (kW)	Hours	Usage (kWh)	Existing		Proposed 2025		Difference	
			Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
30	200	6,000	1,000.98	16.683	1,068.42	17.807	67.44	1.124
	300	9,000	1,244.22	13.825	1,324.77	14.720	80.55	0.895
	400	12,000	1,487.46	12.396	1,581.12	13.176	93.66	0.781
150	200	30,000	4,458.90	14.863	4,752.42	15.841	293.52	0.978
	300	45,000	5,675.10	12.611	6,034.17	13.409	359.07	0.798
	400	60,000	6,891.30	11.486	7,315.92	12.193	424.62	0.708
500	200	100,000	14,544.50	14.545	15,497.42	15.497	952.92	0.953
	300	150,000	18,598.50	12.399	19,769.92	13.180	1,171.42	0.781
	400	200,000	22,652.50	11.326	24,042.42	12.021	1,389.92	0.695

[1] Amounts shown reflect inside the City service, and exclude any applicable primary service discount or power factor correction.
 [2] Power Cost Adjustment effective March 2024.