

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

[Comparison of Existing and Proposed Residential Service Rates \[1\]](#)

Residential Service						
			<u>June 2022</u>	<u>Sept 2022</u>		
Customer Charge		(\$)	\$10.55	\$10.55		
Energy Charge	First 1,000 kWh	(\$/kWh)	\$0.06900	\$0.06900		
Energy Charge	Additional kWh	(\$/kWh)	\$0.08900	\$0.08900		
PCA	First 1,000 kWh	(\$/kWh)	\$0.03983	\$0.06092		
PCA	Additional kWh	(\$/kWh)	\$0.04983	\$0.07092		
Minimum Bill			\$35.00	\$35.00		
<u>Usage</u>	<u>June 2022</u>		<u>Sept 2022</u>		<u>Difference</u>	
(kWh)	<u>Amount</u>	<u>Unit Cost</u>	<u>Amount</u>	<u>Unit Cost</u>	<u>Amount</u>	<u>Unit Cost</u>
	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)
500	64.97	12.993	75.51	15.102	10.55	2.109
600	75.85	12.641	88.50	14.750	12.65	2.109
700	86.73	12.390	101.49	14.499	14.76	2.109
800	97.61	12.202	114.49	14.311	16.87	2.109
900	108.50	12.055	127.48	14.164	18.98	2.109
1,000	119.38	11.938	140.47	14.047	21.09	2.109
1,100	133.26	12.115	156.46	14.224	23.20	2.109
1,200	147.15	12.262	172.45	14.371	25.31	2.109
1,300	161.03	12.387	188.45	14.496	27.42	2.109
1,400	174.91	12.494	204.44	14.603	29.53	2.109
1,500	188.80	12.586	220.43	14.695	31.64	2.109
2,000	258.21	12.911	300.39	15.020	42.18	2.109
2,500	327.63	13.105	380.35	15.214	52.73	2.109
3,000	397.04	13.235	460.31	15.344	63.27	2.109
4,000	535.87	13.397	620.23	15.506	84.36	2.109
5,000	674.70	13.494	780.15	15.603	105.45	2.109

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

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

General Service Non-Demand						
			June 2022	Sept 2022		
Customer Charge		(\$)	\$17.00	\$17.00		
Energy Charge	All kWh	(\$/kWh)	\$0.08700	\$0.08700		
Power Cost Adjustment		(\$/kWh)	\$0.04193	\$0.06302		
Minimum Bill - Single Phase			\$50.00	\$50.00		
Minimum Bill - Poly Phase			\$50.00	\$100.00		

Usage (kWh)	June 2022		Sept 2022		Difference	
	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
1,000	145.93	14.593	167.02	16.702	21.09	2.109
1,250	178.16	14.253	204.53	16.362	26.36	2.109
1,500	210.40	14.026	242.03	16.135	31.64	2.109
1,750	242.63	13.864	279.54	15.973	36.91	2.109
1,900	261.97	13.788	302.04	15.897	40.07	2.109
2,000	274.86	13.743	317.04	15.852	42.18	2.109
3,000	403.79	13.460	467.06	15.569	63.27	2.109
4,000	532.72	13.318	617.08	15.427	84.36	2.109
5,000	661.65	13.233	767.10	15.342	105.45	2.109
6,000	790.58	13.176	917.12	15.285	126.54	2.109
7,000	919.51	13.136	1,067.14	15.245	147.63	2.109
8,000	1,048.44	13.106	1,217.16	15.215	168.72	2.109
9,000	1,177.37	13.082	1,367.18	15.191	189.81	2.109
10,000	1,306.30	13.063	1,517.20	15.172	210.90	2.109

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

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[Comparison of Existing and Proposed Rates for General Service Demand \[1\]](#)

General Service Demand								
					<u>June 2022</u>	<u>Sept 2022</u>		
					(\$)	\$130.00	\$130.00	
					(\$/kW)	\$12.00	\$12.00	
					(\$/kWh)	\$0.05200	\$0.05200	
					(\$/kWh)	\$0.04193	\$0.06302	
<u>Demand</u> (kW)	<u>Hours</u>	<u>Usage</u> (kWh)	<u>June 2022</u>		<u>Sept 2022</u>		<u>Difference</u>	
			<u>Amount</u> (\$)	<u>Unit Cost</u> (Cents/kWh)	<u>Amount</u> (\$)	<u>Unit Cost</u> (Cents/kWh)	<u>Amount</u> (\$)	<u>Unit Cost</u> (Cents/kWh)
30	200	6,000	1,053.58	17.560	1,180.12	19.669	126.54	2.109
	300	9,000	1,335.37	14.837	1,525.18	16.946	189.81	2.109
	400	12,000	1,617.16	13.476	1,870.24	15.585	253.08	2.109
100	200	20,000	3,208.60	16.043	3,630.40	18.152	421.80	2.109
	300	30,000	4,147.90	13.826	4,780.60	15.935	632.70	2.109
	400	40,000	5,087.20	12.718	5,930.80	14.827	843.60	2.109
500	200	100,000	15,523.00	15.523	17,632.00	17.632	2,109.00	2.109
	300	150,000	20,219.50	13.480	23,383.00	15.589	3,163.50	2.109
	400	200,000	24,916.00	12.458	29,134.00	14.567	4,218.00	2.109

[1] Amounts shown reflect inside the City service, and exclude any applicable primary service discount or power factor correction.