

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

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

<b>Residential Service</b>						
			<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	\$0.05254		
PCA	Additional kWh	(\$/kWh)	\$0.04983	\$0.06254		
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)
<b>500</b>	64.97	12.993	71.32	14.264	6.36	1.271
<b>600</b>	75.85	12.641	83.47	13.912	7.63	1.271
<b>700</b>	86.73	12.390	95.63	13.661	8.90	1.271
<b>800</b>	97.61	12.202	107.78	13.473	10.17	1.271
<b>900</b>	108.50	12.055	119.94	13.326	11.44	1.271
<b>1,000</b>	119.38	11.938	132.09	13.209	12.71	1.271
<b>1,100</b>	133.26	12.115	147.24	13.386	13.98	1.271
<b>1,200</b>	147.15	12.262	162.40	13.533	15.25	1.271
<b>1,300</b>	161.03	12.387	177.55	13.658	16.52	1.271
<b>1,400</b>	174.91	12.494	192.71	13.765	17.79	1.271
<b>1,500</b>	188.80	12.586	207.86	13.857	19.07	1.271
<b>2,000</b>	258.21	12.911	283.63	14.182	25.42	1.271
<b>2,500</b>	327.63	13.105	359.40	14.376	31.78	1.271
<b>3,000</b>	397.04	13.235	435.17	14.506	38.13	1.271
<b>4,000</b>	535.87	13.397	586.71	14.668	50.84	1.271
<b>5,000</b>	674.70	13.494	738.25	14.765	63.55	1.271

[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]**

<b>General Service Non-Demand</b>						
			<b>June 2022</b>	<b>Sept 2022</b>		
Customer Charge		(\$)	\$17.00	\$17.00		
Energy Charge	All kWh	(\$/kWh)	\$0.08700	\$0.08700		
Power Cost Adjustment		(\$/kWh)	\$0.04193	\$0.05464		
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)
<b>1,000</b>	145.93	14.593	158.64	15.864	12.71	1.271
<b>1,250</b>	178.16	14.253	194.05	15.524	15.89	1.271
<b>1,500</b>	210.40	14.026	229.46	15.297	19.07	1.271
<b>1,750</b>	242.63	13.864	264.87	15.135	22.24	1.271
<b>1,900</b>	261.97	13.788	286.12	15.059	24.15	1.271
<b>2,000</b>	274.86	13.743	300.28	15.014	25.42	1.271
<b>3,000</b>	403.79	13.460	441.92	14.731	38.13	1.271
<b>4,000</b>	532.72	13.318	583.56	14.589	50.84	1.271
<b>5,000</b>	661.65	13.233	725.20	14.504	63.55	1.271
<b>6,000</b>	790.58	13.176	866.84	14.447	76.26	1.271
<b>7,000</b>	919.51	13.136	1,008.48	14.407	88.97	1.271
<b>8,000</b>	1,048.44	13.106	1,150.12	14.377	101.68	1.271
<b>9,000</b>	1,177.37	13.082	1,291.76	14.353	114.39	1.271
<b>10,000</b>	1,306.30	13.063	1,433.40	14.334	127.10	1.271

[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]**

									<b>General Service Demand</b>	
					<b>June 2022</b>		<b>Sept 2022</b>			
					Customer Charge	(\$)	\$130.00	\$130.00		
					Demand Charge	(\$/kW)	\$12.00	\$12.00		
					Energy Charge	All kWh (\$/kWh)	\$0.05200	\$0.05200		
					Power Cost Adjustment	(\$/kWh)	\$0.04193	\$0.05464		
<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)		
<b>30</b>	<b>200</b>	<b>6,000</b>	1,053.58	17.560	<b>1,129.84</b>	18.831	76.26	1.271		
	<b>300</b>	<b>9,000</b>	1,335.37	14.837	<b>1,449.76</b>	16.108	114.39	1.271		
	<b>400</b>	<b>12,000</b>	1,617.16	13.476	<b>1,769.68</b>	14.747	152.52	1.271		
<b>100</b>	<b>200</b>	<b>20,000</b>	3,208.60	16.043	<b>3,462.80</b>	17.314	254.20	1.271		
	<b>300</b>	<b>30,000</b>	4,147.90	13.826	<b>4,529.20</b>	15.097	381.30	1.271		
	<b>400</b>	<b>40,000</b>	5,087.20	12.718	<b>5,595.60</b>	13.989	508.40	1.271		
<b>500</b>	<b>200</b>	<b>100,000</b>	15,523.00	15.523	<b>16,794.00</b>	16.794	1,271.00	1.271		
	<b>300</b>	<b>150,000</b>	20,219.50	13.480	<b>22,126.00</b>	14.751	1,906.50	1.271		
	<b>400</b>	<b>200,000</b>	24,916.00	12.458	<b>27,458.00</b>	13.729	2,542.00	1.271		

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