

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

Comparison of Existing and Proposed Residential Service Rates [1]

Residential Service						
			<u>Sept 2022</u>	<u>Dec 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)	\$0.06092	\$0.06836		
PCA	Additional kWh	(\$/kWh)	\$0.07092	\$0.07836		
Minimum Bill			\$35.00	\$35.00		
<u>Usage</u>	<u>Sept 2022</u>		<u>Dec 2022</u>		<u>Difference</u>	
(kWh)	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost
	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)
500	75.51	15.102	79.23	15.846	3.72	0.744
600	88.50	14.750	92.97	15.494	4.46	0.744
700	101.49	14.499	106.70	15.243	5.21	0.744
800	114.49	14.311	120.44	15.055	5.95	0.744
900	127.48	14.164	134.17	14.908	6.70	0.744
1,000	140.47	14.047	147.91	14.791	7.44	0.744
1,100	156.46	14.224	164.65	14.968	8.18	0.744
1,200	172.45	14.371	181.38	15.115	8.93	0.744
1,300	188.45	14.496	198.12	15.240	9.67	0.744
1,400	204.44	14.603	214.85	15.347	10.42	0.744
1,500	220.43	14.695	231.59	15.439	11.16	0.744
2,000	300.39	15.020	315.27	15.764	14.88	0.744
2,500	380.35	15.214	398.95	15.958	18.60	0.744
3,000	460.31	15.344	482.63	16.088	22.32	0.744
4,000	620.23	15.506	649.99	16.250	29.76	0.744
5,000	780.15	15.603	817.35	16.347	37.20	0.744

[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						
			<u>Sept 2022</u>	<u>Dec 2022</u>		
Customer Charge		(\$)	\$17.00	\$17.00		
Energy Charge	All kWh	(\$/kWh)	\$0.08700	\$0.08700		
Power Cost Adjustment		(\$/kWh)	\$0.06302	\$0.07046		
Minimum Bill - Single Phase			\$50.00	\$50.00		
Minimum Bill - Poly Phase			\$50.00	\$100.00		

<u>Usage</u> (kWh)	<u>Sept 2022</u>		<u>Dec 2022</u>		<u>Difference</u>	
	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
1,000	167.02	16.702	174.46	17.446	7.44	0.744
1,250	204.53	16.362	213.83	17.106	9.30	0.744
1,500	242.03	16.135	253.19	16.879	11.16	0.744
1,750	279.54	15.973	292.56	16.717	13.02	0.744
1,900	302.04	15.897	316.17	16.641	14.14	0.744
2,000	317.04	15.852	331.92	16.596	14.88	0.744
3,000	467.06	15.569	489.38	16.313	22.32	0.744
4,000	617.08	15.427	646.84	16.171	29.76	0.744
5,000	767.10	15.342	804.30	16.086	37.20	0.744
6,000	917.12	15.285	961.76	16.029	44.64	0.744
7,000	1,067.14	15.245	1,119.22	15.989	52.08	0.744
8,000	1,217.16	15.215	1,276.68	15.959	59.52	0.744
9,000	1,367.18	15.191	1,434.14	15.935	66.96	0.744
10,000	1,517.20	15.172	1,591.60	15.916	74.40	0.744

[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>Sept 2022</u>	<u>Dec 2022</u>		
		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)	\$0.06302	\$0.07046		
<u>Demand</u> (kW)	<u>Hours</u>	<u>Usage</u> (kWh)	<u>Sept 2022</u>		<u>Dec 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	1,180.12	19.669	1,224.76	20.413	44.64	0.744
	300	9,000	1,525.18	16.946	1,592.14	17.690	66.96	0.744
	400	12,000	1,870.24	15.585	1,959.52	16.329	89.28	0.744
100	200	20,000	3,630.40	18.152	3,779.20	18.896	148.80	0.744
	300	30,000	4,780.60	15.935	5,003.80	16.679	223.20	0.744
	400	40,000	5,930.80	14.827	6,228.40	15.571	297.60	0.744
500	200	100,000	17,632.00	17.632	18,376.00	18.376	744.00	0.744
	300	150,000	23,383.00	15.589	24,499.00	16.333	1,116.00	0.744
	400	200,000	29,134.00	14.567	30,622.00	15.311	1,488.00	0.744

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