

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

Comparison of Existing and Alternate 3-Block Rates [1]

Residential Service						
			<u>Dec 2022</u>	<u>Alternate 3</u>		
Customer Charge		(\$)	\$10.55	\$10.55		
Energy Charge	First 500 kWh	(\$/kWh)	\$0.06900	\$0.06800		
Energy Charge	Next 500 kWh	(\$/kWh)	\$0.06900	\$0.07200		
Energy Charge	Additional kWh	(\$/kWh)	\$0.08900	\$0.08700		
PCA	First 500 kWh	(\$/kWh)	\$0.06092	\$0.05780		
PCA	Next 500 kWh	(\$/kWh)	\$0.06092	\$0.06180		
PCA	Additional kWh	(\$/kWh)	\$0.07092	\$0.07680		
Minimum Bill			\$35.00	\$35.00		
Usage (kWh)	<u>Dec 2022</u>		<u>Alternate 3</u>		<u>Difference</u>	
	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)	Amount (\$)	Unit Cost (Cents/kWh)
200	36.53	18.267	35.71	17.855	(0.82)	(0.412)
300	49.53	16.509	48.29	16.097	(1.24)	(0.412)
400	62.52	15.630	60.87	15.218	(1.65)	(0.412)
500	75.51	15.102	73.45	14.690	(2.06)	(0.412)
600	88.50	14.750	86.83	14.472	(1.67)	(0.279)
700	101.49	14.499	100.21	14.316	(1.28)	(0.183)
750	107.99	14.399	106.90	14.253	(1.09)	(0.145)
800	114.49	14.311	113.59	14.199	(0.90)	(0.112)
900	127.48	14.164	126.97	14.108	(0.51)	(0.056)
1,000	140.47	14.047	140.35	14.035	(0.12)	(0.012)
1,100	156.46	14.224	156.73	14.248	0.27	0.024
1,200	172.45	14.371	173.11	14.426	0.66	0.055
1,300	188.45	14.496	189.49	14.576	1.04	0.080
1,400	204.44	14.603	205.87	14.705	1.43	0.102
1,500	220.43	14.695	222.25	14.817	1.82	0.121
2,000	300.39	15.020	304.15	15.208	3.76	0.188
2,500	380.35	15.214	386.05	15.442	5.70	0.228
3,000	460.31	15.344	467.95	15.598	7.64	0.255
4,000	620.23	15.506	631.75	15.794	11.52	0.288
5,000	780.15	15.603	795.55	15.911	15.40	0.308

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

CITY OF LAKE WORTH BEACH, FLORIDA
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Comparison of Existing and Alternate 5-Block Rates [1]

Residential Service						
			Dec 2022	Alternate 5		
Customer Charge		(\$)	\$10.55			\$10.55
Energy Charge	First 500 kWh	(\$/kWh)	\$0.06900			\$0.06800
Energy Charge	Next 500 kWh	(\$/kWh)	\$0.06900			\$0.07200
Energy Charge	Next 500 kWh	(\$/kWh)	\$0.08900			\$0.08500
Energy Charge	Next 500 kWh	(\$/kWh)	\$0.08900			\$0.08900
Energy Charge	Additional kWh	(\$/kWh)	\$0.08900			\$0.09200
PCA	First 500 kWh	(\$/kWh)	\$0.06092			\$0.05780
PCA	Next 500 kWh	(\$/kWh)	\$0.06092			\$0.06180
PCA	Next 500 kWh	(\$/kWh)	\$0.07092			\$0.07480
PCA	Next 500 kWh	(\$/kWh)	\$0.07092			\$0.07880
PCA	Additional kWh	(\$/kWh)	\$0.07092			\$0.08180
Minimum Bill			\$35.00			\$35.00
Usage	Dec 2022		Alternate 5		Difference	
(kWh)	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost
	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)	(\$)	(Cents/kWh)
200	36.53	18.267	35.71	17.855	(0.82)	(0.412)
300	49.53	16.509	48.29	16.097	(1.24)	(0.412)
400	62.52	15.630	60.87	15.218	(1.65)	(0.412)
500	75.51	15.102	73.45	14.690	(2.06)	(0.412)
600	88.50	14.750	86.83	14.472	(1.67)	(0.279)
700	101.49	14.499	100.21	14.316	(1.28)	(0.183)
750	107.99	14.399	106.90	14.253	(1.09)	(0.145)
800	114.49	14.311	113.59	14.199	(0.90)	(0.112)
900	127.48	14.164	126.97	14.108	(0.51)	(0.056)
1,000	140.47	14.047	140.35	14.035	(0.12)	(0.012)
1,100	156.46	14.224	156.33	14.212	(0.13)	(0.012)
1,200	172.45	14.371	172.31	14.359	(0.14)	(0.012)
1,300	188.45	14.496	188.29	14.484	(0.16)	(0.012)
1,400	204.44	14.603	204.27	14.591	(0.17)	(0.012)
1,500	220.43	14.695	220.25	14.683	(0.18)	(0.012)
2,000	300.39	15.020	304.15	15.208	3.76	0.188
2,500	380.35	15.214	391.05	15.642	10.70	0.428
3,000	460.31	15.344	477.95	15.932	17.64	0.588
4,000	620.23	15.506	651.75	16.294	31.52	0.788
5,000	780.15	15.603	825.55	16.511	45.40	0.908

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