

City Council approved rate adjustments for its Electric Utility that will become effective on October 1, 2018. The adjustments are based on recommendations from Leidos Engineering, LLC which performed a detailed rate study for Fiscal Year 2018-19. The rate adjustments will produce sufficient revenues for the budget year while being fair and equitable for the City's electric customers. Table 1 below is a summary of the electric rate adjustments.

TABLE 1

CITY OF MOUNT DORA, FLORIDA
2018 Electric Rate Study

Summary of Electric Rate Adjustments^[1]

Ln. No.	Customer Class (a)	Units (b)	Existing Effective October 1, 2017 (c)	Proposed Effective October 1, 2018 (d)
<u>Residential - RS</u>				
1	Customer Charge - 1P/3P	(\$/Month)	\$9.31	\$9.94
2	Energy Charge	(\$/kWh)	\$0.041901	\$0.04475
<u>General Service - NonDemand - GS</u>				
3	Customer Charge - 1P	(\$/Month)	\$9.31	\$9.94
4	Customer Charge - 3P	(\$/Month)	\$20.95	\$22.37
5	Energy Charge	(\$/kWh)	\$0.041901	\$0.04475
<u>General Service - Demand - GSD</u>				
6	Customer Charge - 1P/3P	(\$/Month)	\$20.95	\$22.37
7	Energy Charge	(\$/kWh)	\$0.005820	\$0.00622
8	Demand Charge	(\$/kW-Mo)	\$5.10	\$5.45
<u>Public Street Lighting -SL^[2]</u>				
9	175 Watt MV Cobra	(\$/fixture/mo)	\$12.81	\$10.78
10	100 Watt HPS Acorn ^[3]	(\$/fixture/mo)	\$9.31	\$11.22
11	150 Watt HPS Cobra	(\$/fixture/mo)	\$11.00	\$9.31
12	100 Watt MH Acorn ^[4]	(\$/fixture/mo)	\$13.68	\$11.97
13	400 Watt HPS Shoebox ^[5]	(\$/fixture/mo)	\$22.12	\$18.19
<u>Proposed New Street Lighting Rates</u>				
14	400 Watt HPS Cobra - Highway	(\$/fixture/mo)	NEW Rate	\$21.23
15	400 Watt MH Shoebox - FBC/FBF	(\$/fixture/mo)	NEW Rate	\$19.27
16	26 Watt FL Acorn	(\$/fixture/mo)	NEW Rate	\$11.40
17	40 Watt FL Acorn	(\$/fixture/mo)	NEW Rate	\$11.40
18	40 Watt LED Acorn - Corncob	(\$/fixture/mo)	NEW Rate	\$8.74
19	55 Watt LED Acorn - Retrofit	(\$/fixture/mo)	NEW Rate	\$10.20
20	66 Watt LED Acorn- Sternberg	(\$/fixture/mo)	NEW Rate	\$17.60
21	110 Watt LED Cobra - Street	(\$/fixture/mo)	NEW Rate	\$10.27
<u>Private Area Lighting - DD</u>				
22	100 Watt HPS Dusk to Dawn	(\$/fixture/mo)	\$11.99	\$10.93
23	57 Watt LED Dusk to Dawn	(\$/fixture/mo)	NEW Rate	\$9.20
<u>Power Cost Charge</u>				
24	Power Cost Charge	(\$/kWh)	\$0.06501	\$0.05898

[1] Unless otherwise noted, rates must be adjusted by the Power Cost Charge.

[2] The proposed rates for lighting are based on a detailed analysis developed by the Mount Dora electric utility department.

[3] The previous rate for Antique Lights - Highland Phase I & II is now proposed under this existing rate name.

[4] New rate name, formerly Antique Lights - Community Development.

[5] New rate name, formerly 400 Watt High Pressure Sodium - Palm Island.

The rate adjustments will increase base rate revenues by approximately \$290,000 while reducing Power Cost Charge revenues by approximately \$564,000. The net impact of the rate adjustments will lower monthly bills for the City's electric customers.

Table 2 below compares the monthly bills under existing and proposed rates for a range of usage levels. The overall decreases for residential customers would range from 0.5% to 2.7%. For a typical residential customer using 1,000 kWh, the monthly bill would be \$113.67, which is lower by approximately \$2.55, or 2.2%. General Service customers would receive similar decreases, ranging from approximately 2% to 4% for typical usage levels.

City of Mount Dora - Electric Utility Department **TABLE 2**
Mount Dora Electric Rate Comparisons - Fiscal Year 2019
Existing Rates vs. Proposed Rates

Line No.	Type of Customer and Monthly Usage	Monthly Electric Bill		Higher/(Lower) than Existing Rates	
		Existing Rates ⁽¹⁾ (\$)	Proposed Rates ⁽²⁾ (\$)	(\$)	(%)
1	Power Cost Charge - \$/kWh	0.06501	0.05898	(0.00603)	-9.3%
	Residential Customer				
2	250 kWh	36.04	35.87	(0.17)	-0.5%
3	500	62.77	61.81	(0.96)	-1.5%
4	750	89.49	87.74	(1.76)	-2.0%
5	1000	116.22	113.67	(2.55)	-2.2%
6	1250	142.95	139.60	(3.35)	-2.3%
7	1500	169.68	165.54	(4.14)	-2.4%
8	2000	223.13	217.40	(5.73)	-2.6%
9	2500	276.59	269.27	(7.32)	-2.6%
10	3000	330.04	321.13	(8.91)	-2.7%
	General Service - Non Demand - GS				
11	750 kWh	89.49	87.74	(1.76)	-2.0%
12	1000	116.22	113.67	(2.55)	-2.2%
13	1500	169.68	165.54	(4.14)	-2.4%
14	2000	223.13	217.40	(5.73)	-2.6%
15	3000	330.04	321.13	(8.91)	-2.7%
16	6000	650.78	632.32	(18.46)	-2.8%
	General Service - Demand - GSD				
17	75 kW, 15,000 kWh	1,465.90	1,409.12	(56.78)	-3.9%
18	75 kW, 20,000 kWh	1,820.05	1,735.12	(84.93)	-4.7%
19	150 kW, 30,000 kWh	2,910.85	2,795.87	(114.98)	-4.0%
20	150 kW, 40,000 kWh	3,619.15	3,447.87	(171.28)	-4.7%
21	300 kW, 60,000 kWh	5,800.75	5,569.37	(231.38)	-4.0%
22	300 kW, 80,000 kWh	7,217.35	6,873.37	(343.98)	-4.8%
23	500 kW, 100,000 kWh	9,653.95	9,267.37	(386.58)	-4.0%
24	500 kW, 150,000 kWh	13,195.45	12,527.37	(668.08)	-5.1%

(1) Based on existing Mount Dora base rates and April 2018 PCC. Excludes taxes.

(2) Based on proposed Mount Dora base rates and October 2018 PCC. Excludes taxes.

The City's electric rates with the proposed adjustments are expected to remain competitive with the residential rates of other Florida utilities. Charts 1 and 2 below compare the monthly residential bills for the City and other Florida utilities for customers using 1,000 kWh and 2,500 kWh per month respectively. The City's monthly residential bills under existing and proposed rates are shown in red. Data for the other Florida utilities is from the July 2018 report from the Florida Municipal Electric Association.

Chart 1 for a customer using 1,000 kWh shows that the City's residential electric bill of \$113.67 would be in-line with the average municipal bill of \$113.49 and lower than the bills of the surrounding electric utilities. At this typical usage level, the City's residential bill would be 11.4% lower than Duke Energy and 6.7% lower than SECO. Overall, the City's residential electric bill with the proposed rate adjustments would be lower than 18 of the Florida utilities shown on the chart.

CHART 1

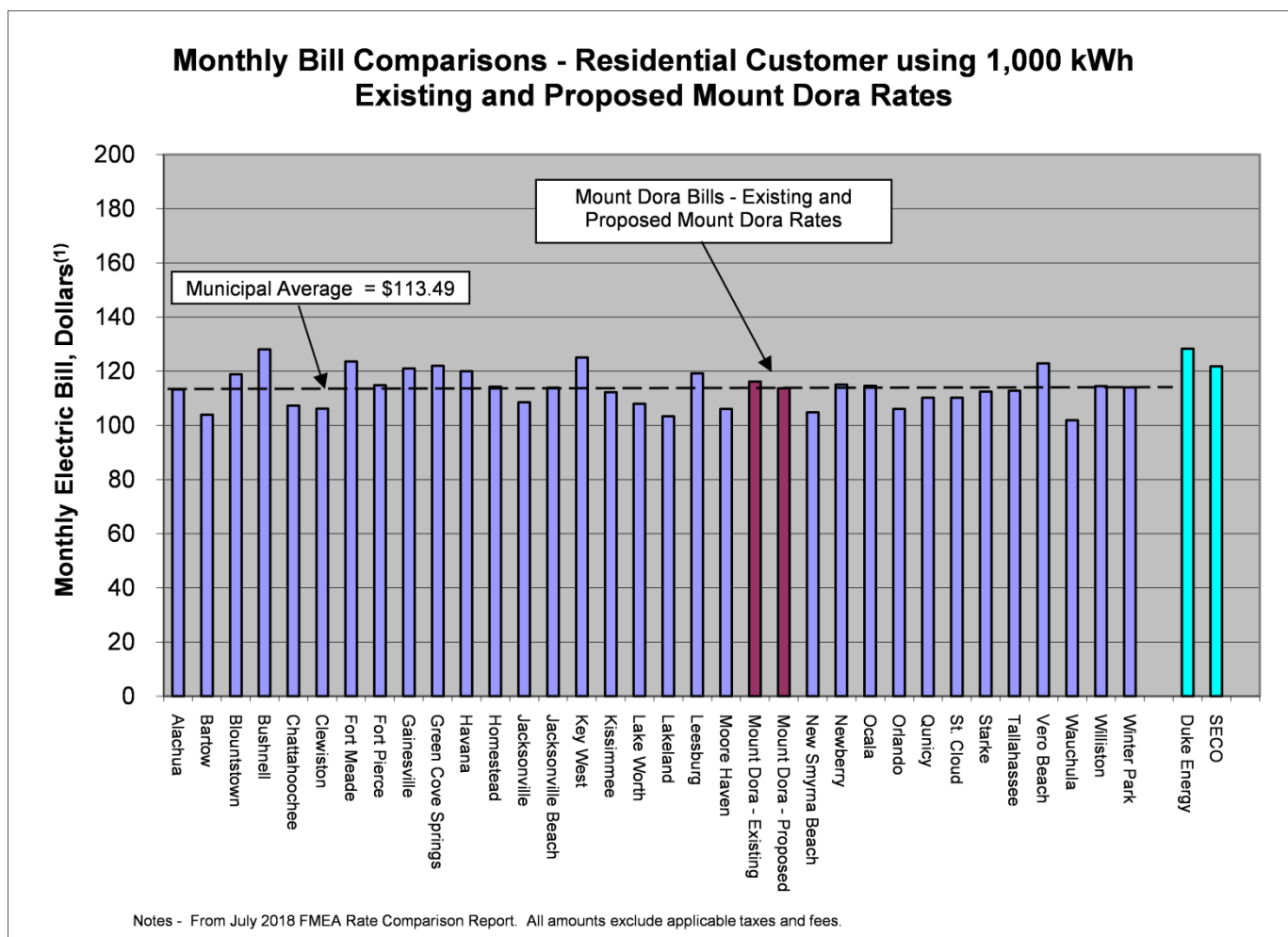
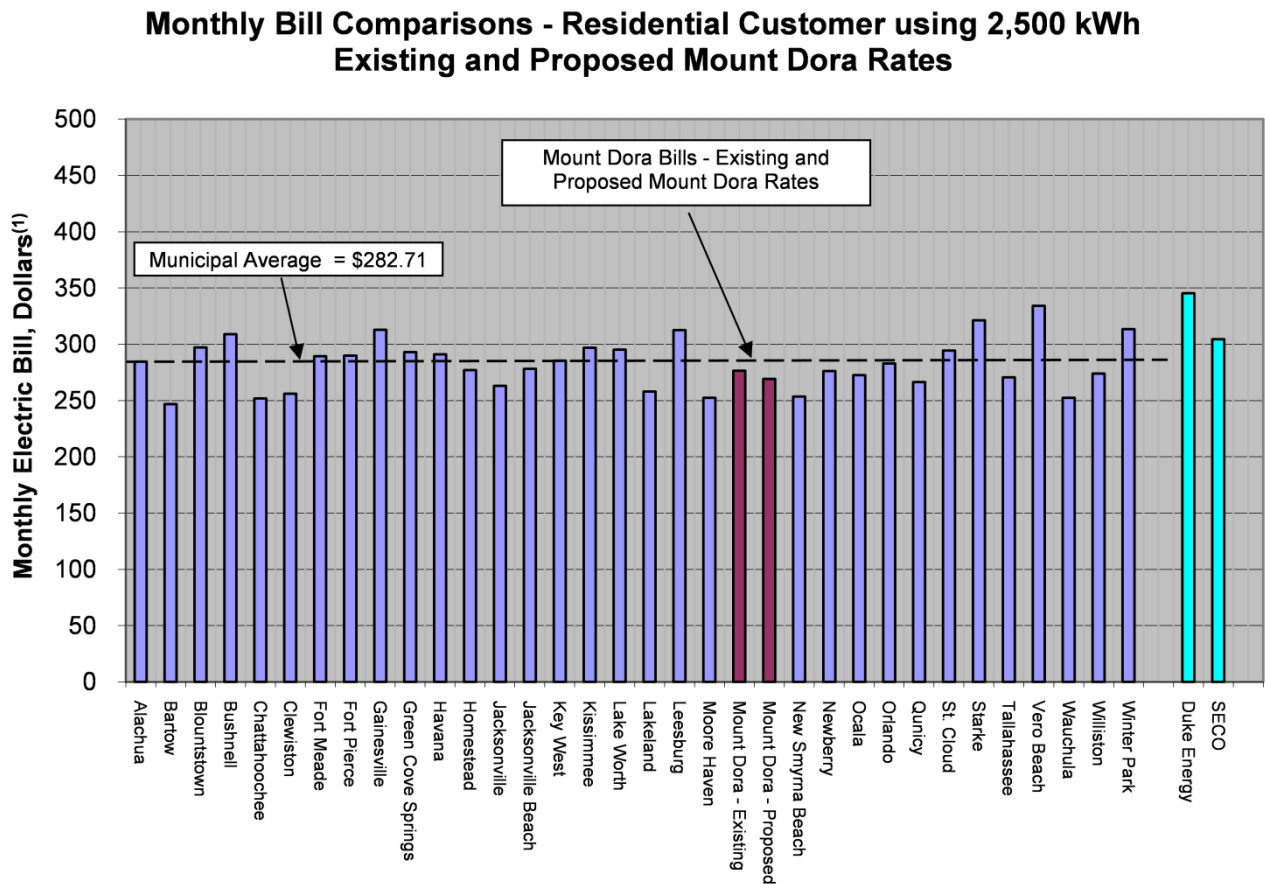


Chart 2 for a customer using 2,500 kWh per month shows that the City's residential electric bill of \$269.27 would be lower than the average municipal bill of \$282.71 and significantly lower than the bills of surrounding electric utilities. At this higher usage level, the City's residential bill would be 22.0% lower than Duke Energy and 11.6% lower than SECO. Overall, the City's residential electric bill with the October 2017 rate adjustments would be lower than 21 of the Florida electric utilities.

CHART 2



Notes - From July 2018 FMEA Rate Comparison Report. All amounts exclude applicable taxes and fees.