



OFFICE OF GENERAL COUNSEL

Orlando Utilities Commission

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December 5, 2022

Ms. Elisabeth Draper
Chief of Economic Impact & Rate Design
Florida Public Service Commission
Bureau of Electric Regulation
Division of Electric and Gas
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Draper:

Orlando Utilities Commission ("OUC") hereby submits for your review, changes to tariffs for its fuel charge and electric line extension policy charges, along with the support materials used to generate the charges. On December 13, 2022, OUC staff will present these proposed changes to the Orlando Utilities Commission Board for adoption. Once approved, the tariff changes will become effective January 1, 2023.

OUC is also submitting the associated changes to the utility tariffs for the City of St. Cloud ("St. Cloud"). In accordance with the inter-local agreement between OUC and St. Cloud, St. Cloud's fuel charges are calculate based on OUC's fuel charges, plus a 4 percent adder for all customer classes. The tariff changes will become effective January 01, 2023.

Sales Forecast

Actual sales from October 1, 2022 through September 30, 2023 ("Budget Year") are forecasted at 6,167,940,470 kWh for Orlando and 816,368,345 kWh for St. Cloud. Table 1 shows the calculation of weighted sales used in designing the proposed base rates and fuel charges. The "weighted" sales are weighted by delivery voltage level and time of use. Forecasted actual sales are first adjusted for line losses by customer class with secondary voltage assigned a weighting of 1.00 and primary voltages assigned a weighting of 0.99 (primary voltage line losses being 1% less than secondary). These "voltage weighting" factors are shown on Table 1, columns B and G. The class sales are further adjusted for "time periods" based on OUC's marginal production costing runs. These "time period weighting factors" are shown on Table 1, columns C and H. The development of the time period weighting factors is shown on Tables 2 and 3 for the time of use rate classes and the time of day rate classes, respectively. Street

ORLANDO UTILITIES COMMISSION

Ms. Elisabeth Draper

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lighting is primarily used during off peak time periods; therefore a separate weighting was calculated as shown on Table 4. Column I on Table 1 reflects the St. Cloud adder. Finally, on Table 1, Column M is the weighted forecasted kWh for each class used in the proposed base rate and fuel charge rate design.

Fuel Charges

OUC Tariff Sheet No. 5.010

St. Cloud Tariff Sheet No. 7.010

Increases in the price of natural gas and coal caused the fuel revenue requirement for the Budget Year to increase to \$493,533,508, see Table 5, resulting in a needed fuel charge increase for all retail classes. The retail fuel revenue requirement was divided by the total weighted forecasted kWh resulting in a fuel cost equal to \$0.07052 per weighted kWh (shown on Table 5, line 3), which is used as the basis for the fuel charges. Table 5 shows the calculation of the fuel charges. The "total weighting factors" from Table 1 were multiplied times the \$0.07052 producing the appropriate fuel charge for each rate class for both Orlando and St. Cloud.

Bill Impacts

The fuel charge changes described above represent an overall increase in fuel revenues of 16.5 percent. The residential bill for 1,000 kWh will increase to \$147.00 for customers in Orlando and \$152.88 for customers in St. Cloud. The majority of commercial demand customers will experience monthly bill increases ranging from 7.4 percent to 9.6 percent depending on their applicable rate schedule and load characteristics. Table 6 (Bill Impacts) shows the projected revenue and increase for each rate class.

Electric Line Extension Policy

OUC Tariff Sheet No. 3.020

St. Cloud Tariff Sheet No. 5.02

As a result of elevated infrastructure costs for certain materials and supplies, the cost differential between overhead and underground services has increased, requiring the electric line extension policy be updated. The increase in electric contributions in aid of construction charges are shown in Table 7.

The revised tariff sheets in legislative form and final form are attached. If you have any questions, please do not hesitate to call Lawrence Strawn, Manager of Corporate Analytics and Planning, at (407) 434-2187.

Sincerely,



W. Christopher Browder
Chief Legal Officer
Enclosures

CC: Mr. Clint Bullock
Ms. Mindy Brenay
Mr. Bill Sturgeon

Cost Support Tables

**Orlando Utilities Commission
Forecast Billing Determinants
For 12-Months Ending September 30, 2023**

Table 1

Line	Description	OUC					St. Cloud						Total Forecast (Weighted)	
		Forecast	Voltage Weighting	Time Period Weighting	Total Weighting	Weighted Forecast	Forecast	Voltage Weighting	Time Period Weighting	St. Cloud Weighting	Total Weighting	Weighted Forecast		Total Forecast (A + F)
		A	B	C	D (B x C)	E (A x D)	F	G	H	I	J (G x H x I)	K (F x J)		
Annual # of Service Charges														
1	Residential	2,325,004	n/a	n/a	n/a	2,325,004	551,875	n/a	n/a	1.040	1.040	573,950	2,876,879	2,898,954
2	General Service Non-Demand	282,961	n/a	n/a	n/a	282,961	49,630	n/a	n/a	1.040	1.040	51,615	332,591	334,576
3	General Service Demand													
4	Secondary	57,869	n/a	n/a	n/a	57,869	4,397	n/a	n/a	1.040	1.040	4,573	62,266	62,442
5	Primary	312	n/a	n/a	n/a	312	12	n/a	n/a	1.040	1.040	12	324	324
Billed kW														
General Service Demand														
Secondary														
6	Maximum kW	6,271,635	1.000	n/a	1.000	6,271,635	394,993	1.000	n/a	1.040	1.040	410,793	6,666,628	6,682,428
7	Sum of Channels	1,390,470	1.000	n/a	1.000	1,390,470	-	1.000	n/a	1.040	1.040	-	1,390,470	1,390,470
8	Totalized Demand	1,211,919	1.000	n/a	1.000	1,211,919	-	1.000	n/a	1.040	1.040	-	1,211,919	1,211,919
9	On Peak	13,034	1.000	n/a	1.000	13,034	n/a	n/a	n/a	n/a	n/a	n/a	13,034	13,034
Primary														
10	Maximum kW	242,908	0.990	n/a	0.990	240,479	9,814	0.990	n/a	1.040	1.030	10,104	252,722	250,583
11	Sum of Channels	866,692	0.990	n/a	0.990	858,025	-	0.990	n/a	1.040	1.030	-	866,692	858,025
12	Totalized Demand	831,432	0.990	n/a	0.990	823,118	-	0.990	n/a	1.040	1.030	-	831,432	823,118
Energy (kWh)														
Residential														
13	Less Than 1,000 kWh	1,650,983,937	1.000	1.000	1.000	1,650,983,937	426,940,039	1.000	1.000	1.040	1.040	444,017,641	2,077,923,976	2,095,001,578
14	Greater Than 1,000 kWh	411,642,516	1.000	1.000	1.000	411,642,516	159,771,109	1.000	1.000	1.040	1.040	166,161,953	571,413,625	577,804,469
15	Total Residential	2,062,626,453				2,062,626,453	586,711,148					610,179,594	2,649,337,601	2,672,806,047
General Service Non-Demand														
16	Standard	424,996,267	1.000	1.000	1.000	424,996,267	59,373,256	1.000	1.000	1.040	1.040	61,748,186	484,369,523	486,744,453
17	Total Residential & GSND	2,487,622,720				2,487,622,720	646,084,404					671,927,780	3,133,707,124	3,159,550,500
General Service Demand														
Secondary														
18	Standard	2,145,318,628	1.000	1.000	1.000	2,145,318,628	128,846,610	1.000	1.000	1.040	1.040	134,000,474	2,274,165,238	2,279,319,102
Time of Use														
19	On Peak	156,527,593	1.000	1.228	1.228	192,215,884	5,257,726	1.000	1.228	1.040	1.277	6,714,116	161,785,319	198,930,000
20	Shoulder	161,724,686	1.000	1.090	1.090	176,279,908	5,323,598	1.000	1.090	1.040	1.134	6,036,960	167,048,284	182,316,868
21	Off Peak	619,737,835	1.000	0.907	0.907	562,102,216	20,085,133	1.000	0.907	1.040	0.943	18,940,280	639,822,968	581,042,496

**Orlando Utilities Commission
Forecast Billing Determinants
For 12-Months Ending September 30, 2023**

Table 1

Line	Description	OUC					St. Cloud						Total Forecast (Weighted)	
		Forecast	Voltage Weighting	Time Period Weighting	Total Weighting	Weighted Forecast	Forecast	Voltage Weighting	Time Period Weighting	St. Cloud Weighting	Total Weighting	Weighted Forecast		Total Forecast
		A	B	C	D (B x C)	E (A x D)	F	G	H	I	J (G x H x I)	K (F x J)		L (A + F)
	Time of Day			(Table 3)										
22	On Peak	987,857	1.000	1.183	1.183	1,168,635	n/a	n/a	n/a	n/a	n/a	n/a	987,857	1,168,635
23	Off Peak	2,731,580	1.000	0.924	0.924	2,523,980	n/a	n/a	n/a	n/a	n/a	n/a	2,731,580	2,523,980
24	Subtotal, GSD Secondary	3,087,028,179				3,079,609,251	159,513,067					165,691,830	3,246,541,246	3,245,301,081
	Primary													
25	Standard	415,094,687	0.990	1.000	0.990	410,943,740	2,884,325	0.990	1.000	1.040	1.030	2,970,855	417,979,012	413,914,595
	Time of Use													
26	On Peak	18,830,717	0.990	1.228	1.216	22,898,152	1,036,819	0.990	1.228	1.040	1.264	1,310,539	19,867,536	24,208,691
27	Shoulder	19,610,413	0.990	1.090	1.079	21,159,636	1,067,098	0.990	1.090	1.040	1.122	1,197,284	20,677,511	22,356,920
28	Off Peak	79,217,215	0.990	0.907	0.898	71,137,059	2,915,846	0.990	0.907	1.040	0.934	2,723,400	82,133,061	73,860,459
29	Subtotal, GSD Primary	532,753,032				526,138,587	7,904,088					8,202,078	540,657,120	534,340,665
30	Total General Service Demand	3,619,781,211				3,605,747,838	167,417,155					173,893,908	3,787,198,366	3,779,641,746
	Streetlights			(Table 4 Line 7)					(Table 4 Line 7)					
31	Streetlights	60,536,539	1.000	0.927	0.927	56,117,372	2,866,786	1.000	0.927	1.040	0.964	2,763,582	63,403,325	58,880,954
32	Total Energy	6,167,940,470				6,149,487,930	816,368,345					848,585,270	6,984,308,815	6,998,073,200
	For RES and GSND Pilot TOU Rate Design Only													
	Residential TOU			(Table 3)					(Table 3)					
33	On-Peak Premium kWh	645,602,080	1.000	0.266	0.266	171,730,153	183,640,589	1.000	0.266	1.040	0.277	50,868,443	829,242,669	222,598,596
34	All kWh	2,062,626,453	1.000	0.923	0.923	1,903,804,216	586,711,148	1.000	0.923	1.040	0.960	563,242,702	2,649,337,601	2,467,046,918
	General Service Non-Demand TOU			(Table 3)					(Table 3)					
35	On-Peak Premium kWh	133,023,832	1.000	0.266	0.266	35,384,339	18,583,829	1.000	0.266	1.040	0.277	5,147,721	151,607,661	40,532,060
36	All kWh	424,996,267	1.000	0.923	0.923	392,271,554	59,373,256	1.000	0.923	1.040	0.960	56,998,326	484,369,523	449,269,880
	For Standby Rate Design Only													
	Residential			(Table 3)					(Table 3)					
37	On Peak	615,835,893	1.000	1.183	1.183	728,533,861	175,173,640	1.000	1.183	1.040	1.230	215,463,577	791,009,533	943,997,438
38	Off Peak	1,446,790,560	1.000	0.924	0.924	1,336,834,477	411,537,508	1.000	0.924	1.040	0.961	395,487,545	1,858,328,068	1,732,322,022
39	Total Residential	2,062,626,453				2,065,368,338	586,711,148					610,951,122	2,649,337,601	2,676,319,460
	GSND			(Table 3)					(Table 3)					
40	On Peak	126,202,825	1.000	1.183	1.183	149,297,942	17,630,914	1.000	1.183	1.040	1.230	21,686,024	143,833,739	170,983,966
41	Off Peak	298,793,442	1.000	0.924	0.924	276,085,141	41,742,342	1.000	0.924	1.040	0.961	40,114,391	340,535,784	316,199,532
42	Total GSND	424,996,267				425,383,083	59,373,256					61,800,415	484,369,523	487,183,498
	General Service Demand													
	Secondary Voltage			(Table 3)					(Table 3)					
43	On Peak	879,499,127	1.000	1.183	1.183	1,040,447,467	45,445,521	1.000	1.183	1.040	1.230	55,897,991	924,944,648	1,096,345,458
44	Off Peak	2,207,529,052	1.000	0.924	0.924	2,039,756,844	114,067,546	1.000	0.924	1.040	0.961	109,618,912	2,321,596,598	2,149,375,756

**Orlando Utilities Commission
Forecast Billing Determinants
For 12-Months Ending September 30, 2023**

Table 1

Line	Description	OUC					St. Cloud						Total Forecast (Weighted)	
		Forecast	Voltage Weighting	Time Period Weighting	Total Weighting	Weighted Forecast	Forecast	Voltage Weighting	Time Period Weighting	St. Cloud Weighting	Total Weighting	Weighted Forecast		Total Forecast
		A	B	C	D (B x C)	E (A x D)	F	G	H	I	J (G x H x I)	K (F x J)		L (A + F)
45	Subtotal, Secondary	3,087,028,179				3,080,204,311	159,513,067					165,516,903	3,246,541,246	3,245,721,214
	Primary Voltage			<u>(Table 3)</u>					<u>(Table 3)</u>					
46	On Peak	151,782,167	0.990	1.183	1.171	177,736,917	2,251,887	0.990	1.183	1.040	1.218	2,742,798	154,034,054	180,479,715
47	Off Peak	380,970,865	0.990	0.924	0.915	348,588,342	5,652,201	0.990	0.924	1.040	0.951	5,375,243	386,623,066	353,963,585
48	Subtotal, Primary	532,753,032				526,325,259	7,904,088					8,118,041	540,657,120	534,443,300
49	Total General Service Demand	3,619,781,211				3,606,529,570	167,417,155					173,634,944	3,787,198,366	3,780,164,514

Orlando Utilities Commission
Development of GSD-Sec and GSD-Pri Time of Use Weighting Factors
For 12-Months Ending September 30, 2023

Table 2

Month	On Peak			Shoulder			Off Peak			Total		
	System			System			System			System		
	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh
1	115,945	\$ 4,494,344	\$ 38.76	145,859	\$ 4,926,086	\$ 33.77	320,082	\$ 10,439,678	\$ 32.62	581,886	\$ 19,860,108	\$ 34.13
2	97,321	2,532,058	26.02	140,301	4,042,746	28.81	261,155	5,598,002	21.44	498,777	12,172,806	24.41
3	103,317	2,495,097	24.15	141,706	3,427,506	24.19	282,564	6,080,123	21.52	527,586	12,002,727	22.75
4	100,039	3,055,546	30.54	75,321	2,038,921	27.07	384,161	8,705,418	22.66	559,522	13,799,885	24.66
5	114,454	3,580,074	31.28	85,759	2,458,364	28.67	419,084	9,818,561	23.43	619,298	15,856,998	25.60
6	122,371	3,633,637	29.69	91,955	2,398,166	26.08	440,750	10,251,240	23.26	655,076	16,283,043	24.86
7	123,494	4,502,500	36.46	89,774	2,758,049	30.72	503,441	12,184,651	24.20	716,709	19,445,200	27.13
8	145,066	5,005,560	34.51	107,842	3,142,818	29.14	492,176	11,957,180	24.29	745,083	20,105,559	26.98
9	113,887	5,816,443	51.07	84,719	3,378,035	39.87	451,247	12,192,908	27.02	649,853	21,387,386	32.91
10	109,721	4,818,985	43.92	83,835	3,236,671	38.61	430,956	13,322,957	30.91	624,512	21,378,613	34.23
11	100,432	2,726,117	27.14	144,721	4,334,630	29.95	281,361	6,677,496	23.73	526,515	13,738,243	26.09
12	96,405	2,900,287	30.08	131,403	3,752,555	28.56	310,701	7,580,954	24.40	538,509	14,233,796	26.43
Total	1,342,452	\$ 45,560,648	\$ 33.94	1,323,195	\$ 39,894,549	\$ 30.15	4,577,679	\$ 114,809,168	\$ 25.08	7,243,327	\$ 200,264,364	\$ 27.65
Weighting Factors			1.228			1.090			0.907			1.000

Orlando Utilities Commission
Development of GSD-SEC-T, SS, Res-T & GS-T Weighting Factors
For 12-Months Ending September 30, 2023

Table 3

GSD Time of Day (GSD-SEC-T) and Standby Service (SS) Weighting Factors

Month	On Peak			Off Peak			Total		
	System			System			System		
	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh
1	130,811	\$ 3,460,657	\$ 26.46	395,704	\$ 10,277,586	\$ 25.97	526,515	\$ 13,738,243	\$ 26.09
2	126,140	3,736,281	29.62	412,368	10,497,515	25.46	538,509	14,233,796	26.43
3	152,593	5,880,466	38.54	429,293	13,979,641	32.56	581,886	19,860,108	34.13
4	126,749	3,211,471	25.34	372,028	8,961,336	24.09	498,777	12,172,806	24.41
5	135,358	3,224,220	23.82	392,229	8,778,507	22.38	527,586	12,002,727	22.75
6	176,906	5,165,014	29.20	382,616	8,634,871	22.57	559,522	13,799,885	24.66
7	200,384	6,060,458	30.24	418,914	9,796,540	23.39	619,298	15,856,998	25.60
8	212,956	6,000,063	28.18	442,120	10,282,980	23.26	655,076	16,283,043	24.86
9	213,948	7,235,870	33.82	502,761	12,209,330	24.28	716,709	19,445,200	27.13
10	253,022	8,148,540	32.20	492,061	11,957,019	24.30	745,083	20,105,559	26.98
11	199,202	9,229,481	46.33	450,651	12,157,905	26.98	649,853	21,387,386	32.91
12	193,761	8,070,320	41.65	430,751	13,308,293	30.90	624,512	21,378,613	34.23
Total	2,121,830	\$ 69,422,841	\$ 32.72	5,121,496	\$ 130,841,524	\$ 25.55	7,243,327	\$ 200,264,364	\$ 27.65
Weighting Factors			1.183			0.924			1.000

Residential Time of Use (Res-T) and General Service Non-Demand (GS-T) Weighting Factors

Month	On Peak			Off Peak			Total		
	System			System			System		
	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh	Requirements (MWh)	Marginal Cost (\$'s)	Marginal Cost \$/ MWh
1	150,322.97	\$ 4,531,974	\$ 30.15	376,191.75	\$ 9,206,269	\$ 24.47	526,515	\$ 13,738,243	\$ 26.09
2	148,096.81	4,187,705	28.28	390,411.82	10,046,091	25.73	538,509	14,233,796	26.43
3	146,727.85	4,478,932	30.53	435,158.45	15,381,176	35.35	581,886	19,860,108	34.13
4	149,041.60	4,228,398	28.37	349,735.66	7,944,408	22.72	498,777	12,172,806	24.41
5	150,007.06	3,707,602	24.72	377,579.41	8,295,125	21.97	527,586	12,002,727	22.75
6	170,091.72	5,157,996	30.32	389,430.62	8,641,888	22.19	559,522	13,799,885	24.66
7	178,006.30	5,438,673	30.55	441,291.71	10,418,325	23.61	619,298	15,856,998	25.60
8	193,791.49	5,571,570	28.75	461,284.75	10,711,472	23.22	655,076	16,283,043	24.86
9	209,956.05	7,042,825	33.54	506,752.47	12,402,375	24.47	716,709	19,445,200	27.13
10	225,144.43	7,364,854	32.71	519,938.59	12,740,705	24.50	745,083	20,105,559	26.98
11	190,464.74	8,685,410	45.60	459,388.38	12,701,976	27.65	649,853	21,387,386	32.91
12	184,624.75	8,495,531	46.02	439,887.32	12,883,083	29.29	624,512	21,378,613	34.23
Total	2,096,276	\$ 68,891,471	\$ 32.86	5,147,051	\$ 131,372,893	\$ 25.52	7,243,327	\$ 200,264,364	\$ 27.65
Weighting Factors			1.189			0.923			1.000
On-Peak Premium (Difference between on and off peak weighting factors)					0.266				

Orlando Utilities Commission
Development of Streetlight Time Period Weighting Factor
For 12-Months Ending September 30, 2023

Table 4

<u>Line</u>		<u>Hours Per Period</u>	<u>TOU Weighting</u>	<u>Weighted Hours</u>
	Time of Use Period		(see Table 2)	
1	On Peak	237	1.228	291
2	Shoulder	17	1.090	18
3	Off Peak	3,763	0.907	3,413
4	Total Hours Use	4,017		3,722
5	Weighted Hours Use			3,722
6	Divided by Total Hours Use			4,017
7	Lighting Time Period Weighting Factor			0.927

Prepared by:

Lawrence M. Strawn

11/28/2022

I:\Electric\Cost of Service\FY2020\COS - Rate Design FY2023 - Raise Fuel effective 1-1-2023:FPSC - Fuel Table 4

Orlando Utilities Commission
Calculation of Fuel Charges
For 12-Months Ending September 30, 2023

Table 5

Line						
1	Fuel Revenue Requirement		\$	493,533,508		
2	Weighted kWh			6,998,073,200	(Table 1)	
3	\$ / Weighted kWh		\$	0.07052	(Line 1 / Line 2)	
Line		\$ / Weighted kWh	OUC		St. Cloud	
			Weighting Factor	Fuel Rate	Weighting Factor	Fuel Rate
		A (Line 3)	B Table 1 Column D	C (A x B)	D Table 1 Column J	E (A x D)
Residential						
4	Levelized	\$ 0.07052	1.000	\$ 0.07052	1.040	\$ 0.07334
	Time of Use					
5	On Peak Premium	\$ 0.07052	0.266	\$ 0.01876	1.040	\$ 0.01951
6	All kWh	\$ 0.07052	0.923	\$ 0.06509	1.040	\$ 0.06769
General Service Non-Demand						
	Standard	\$ 0.07052	1.000	\$ 0.07052	1.040	\$ 0.07334
	Time of Use					
7	On Peak Premium	\$ 0.07052	0.266	\$ 0.01876	1.040	\$ 0.01951
8	All kWh	\$ 0.07052	0.923	\$ 0.06509	1.040	\$ 0.06769
General Service Demand						
	Secondary					
9	Standard	\$ 0.07052	1.000	\$ 0.07052	1.040	\$ 0.07334
	Time of Use					
10	On Peak	\$ 0.07052	1.228	\$ 0.08660	1.277	\$ 0.09006
11	Shoulder	\$ 0.07052	1.090	\$ 0.07687	1.134	\$ 0.07994
12	Off Peak	\$ 0.07052	0.907	\$ 0.06396	0.943	\$ 0.06652
	Time of Day & Standby					
13	On Peak	\$ 0.07052	1.183	\$ 0.08343	1.230	\$ 0.08677
14	Off Peak	\$ 0.07052	0.924	\$ 0.06516	0.961	\$ 0.06777
	Primary					
15	Standard	\$ 0.07052	0.990	\$ 0.06981	1.030	\$ 0.07260
	Time of Use					
16	On Peak	\$ 0.07052	1.216	\$ 0.08575	1.264	\$ 0.08918
17	Shoulder	\$ 0.07052	1.079	\$ 0.07609	1.122	\$ 0.07913
18	Off Peak	\$ 0.07052	0.898	\$ 0.06333	0.934	\$ 0.06586
	Standby					
19	On Peak	\$ 0.07052	1.171	\$ 0.08258	1.218	\$ 0.08588
20	Off Peak	\$ 0.07052	0.915	\$ 0.06453	0.951	\$ 0.06711
21	Streetlights	\$ 0.07052	0.927	\$ 0.06537	0.964	\$ 0.06798

Prepared by:
Lawrence M. Strawn
11/28/2022

Orlando Utilities Commission
Bill Impacts
For 12-Months Ending September 30, 2023

Table 6

	Current	Proposed	\$ Increase	% Increase
Revenue from Base Rates				
Residential	\$ 222,254,007	\$ 222,254,007	\$ -	0.0%
General Service Non Demand	38,408,838	38,408,838	-	0.0%
General Service Demand				
Secondary Voltage	164,570,455	164,570,455	-	0.0%
Primary Voltage	23,865,597	23,865,597	-	0.0%
Total General Service Demand	188,436,052	188,436,052	-	0.0%
Streetlights	2,087,823	2,087,823	-	0.0%
Total Revenue from Base Rates	451,186,720	451,186,720	-	0.0%
Revenue from Fuel Charges				
Residential	161,757,753	188,485,813	26,728,060	16.5%
General Service Non Demand	29,457,727	34,325,171	4,867,445	16.5%
General Service Demand				
Secondary Voltage	196,405,569	228,858,527	32,452,958	16.5%
Primary Voltage	32,336,431	37,679,819	5,343,388	16.5%
Total General Service Demand	228,742,001	266,538,346	37,796,346	16.5%
Streetlights	3,563,348	4,152,158	588,810	16.5%
Total Revenue from Fuel Rates	423,520,828	493,501,488	69,980,660	16.5%
Total Revenues				
Residential	384,011,760	410,739,819	26,728,060	7.0%
General Service Non Demand	67,866,564	72,734,009	4,867,445	7.2%
General Service Demand				
Secondary Voltage	360,976,025	393,428,982	32,452,958	9.0%
Primary Voltage	56,202,028	61,545,417	5,343,388	9.5%
Total General Service Demand	417,178,053	454,974,399	37,796,346	9.1%
Streetlights	5,651,171	6,239,980	588,810	10.4%
Total Revenues	\$ 874,707,548	\$ 944,688,207	\$ 69,980,660	8.0%

Prepared by:

Lawrence M. Strawn

11/28/2022

I:\Electric\Cost of Service\FY2020\COS - Rate Design FY2023 - Raise Fuel effective 1-1-2023:Revenue - Comparison

Orlando Utilities Commission
Calculation of Commercial/Multi-family Line Extension CIAC

Table 7

Offsite Underground Cost Differential

	Cost (\$/kVA) ¹	Incremental Undground Cost (\$/kVA)
Overhead feeder cost	\$ 10.70	
Underground feeder cost (w/o duct bank)	38.70	\$ 28.00
Underground feeder cost (w duct bank)	85.30	96.00

(1) Costs based on a 2-mile feeder serving 16,000 kVA of connected load

Onsite Underground Cost Differential

	Cost	Incremental Undground Cost (% of underground onsite costs)
Overhead transformer cost (500 kVA Installed)	\$ 40,040	
Padmount tranformer cost (500 kVA Installed)	\$ 52,300	23%

OUC Electric Final Form



ELECTRIC LINE EXTENSION POLICY

The Orlando Utilities Commission (OUC) recognizes that its purpose is to furnish electric service to customers throughout its entire service area and the City of St. Cloud's service area, but reserves the right to require payment when the additional distribution investment is not considered to be beneficial to the overall system or the request is for underground distribution facilities serving a commercial or multi-family residential customer. This contribution in aid of construction (CIAC) payment will be paid, in advance of material ordering and construction, by the party requesting the extension. In the event the project is cancelled prior to construction, OUC will refund the payment less any unrecoverable costs incurred by OUC.

It will be at OUC's discretion whether a customer will be given the option to install the duct bank system. The CIAC payment for the extension of Underground Distribution Facilities will be based on the following:

Offsite duct bank installation	Single family residential	Commercial/Multi-Family
Customer installed	No charge	\$28/kVA
OUC installed	No charge	\$96/kVA

In addition, the customer will pay **23%** of OUC's onsite cost for primary cable, splices, transformers, and any other equipment or materials necessary to provide electric service. Any equipment requested by the customer (such as automatic transfer switchgear, redundant transformers, etc...) that is in addition to OUC's design, if approved by OUC, will be 100% chargeable to the customer.

When gas service is made available to single and multi-family residential facilities a CIAC payment will be added to the aforementioned payments based on the following:

Single family residential	\$595/home
Multi-Family residential	\$419/unit

For residential subdivisions a \$580 per lot CIAC payment will required, from the party requesting the extension in advance of material ordering and construction. Such CIAC payment will be refunded to the responsible party if at least 75 percent of the lots within the subdivision or subdivision phase are occupied (with active meters) within three (3) years of installation.

When more than 20 new electric services are requested within a 12-month period and the expected consumption for each new service is less than 100 kWh per month a \$195 CIAC payment per service for all services over 20 within a 12-month period will be required in advance of material ordering and construction by the party requesting the extension(s). This payment is in addition to any other required CIAC payment.

This electric line extension policy will be used as a guideline for all line extensions. Exceptions to this policy can be approved by the Vice President of the Electric and Water Delivery Business Unit for line extensions determined to have significant strategic importance to the future of OUC.

FC

FUEL CHARGES RATE SCHEDULE FC

Applicability:

To the Monthly Rate provision in each of the rate schedules for electric service which reference the fuel charges set forth below.

Rate Schedule	Standard Levelized Rate (¢ per kWh)	Time Differentiated Rates (¢ per kWh)		
		On-Peak	Shoulder	Off-Peak
RS and GS	7.052	N/A	N/A	N/A
GSD-SEC	7.052	8.660	7.687	6.396
GSD-T-SEC and SS-SEC	N/A	8.343	N/A	6.516
GSD-PRI	6.981	8.575	7.609	6.333
SS-PRI	N/A	8.258	N/A	6.453
SL	6.537	N/A	N/A	N/A

Rate Schedule	All kWh (¢ per kWh)	On-Peak Premium (¢ per kWh)
RS-T and GS-T	6.509	1.876

Fuel Charges:

These charges are designed to recover the costs of fuel and purchased power incurred by OUC to provide electric service to its customers.

OUC Electric
Legislative Form



ELECTRIC LINE EXTENSION POLICY

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It will be at OUC's discretion whether a customer will be given the option to install the duct bank system. The CIAC payment for the extension of Underground Distribution Facilities will be based on the following:

Offsite duct bank installation	Single family residential	Commercial/Multi-Family
Customer installed	No charge	\$2528 /kVA
OUC installed	No charge	\$6696 /kVA

In addition, the customer will pay ~~4523~~% of OUC's onsite cost for primary cable, splices, transformers, and any other equipment or materials necessary to provide electric service. Any equipment requested by the customer (such as automatic transfer switchgear, redundant transformers, etc...) that is in addition to OUC's design, if approved by OUC, will be 100% chargeable to the customer.

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Rate Schedule	Standard Levelized Rate (¢ per kWh)	Time Differentiated Rates (¢ per kWh)		
		On-Peak	Shoulder	Off-Peak
RS and GS	<u>6.0527.052</u>	N/A	N/A	N/A
GSD-SEC	<u>6.0527.052</u>	<u>7.4328.660</u>	<u>6.5977.687</u>	<u>5.4896.396</u>
GSD-T-SEC and SS-SEC	N/A	<u>7.1608.343</u>	N/A	<u>5.5926.516</u>
GSD-PRI	<u>5.9946.981</u>	<u>7.3598.575</u>	<u>6.5307.609</u>	<u>5.4356.333</u>
SS-PRI	N/A	<u>7.0878.258</u>	N/A	<u>5.5386.453</u>
SL	<u>5.6406.537</u>	N/A	N/A	N/A

Rate Schedule	All kWh (¢ per kWh)	On-Peak Premium (¢ per kWh)
RS-T and GS-T	<u>5.5866.509</u>	<u>1.6401.876</u>

Fuel Charges:

These charges are designed to recover the costs of fuel and purchased power incurred by OUC to provide electric service to its customers.

St. Cloud Electric Final Form



ELECTRIC LINE EXTENSION POLICY

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It will be at OUC's discretion whether a customer will be given the option to install the ductbank system. The CIAC payment for the extension of Underground Distribution Facilities will be based on the following:

Offsite ductbank installation	Single family residential	Commercial/Multi-Family
Customer installed	No charge	\$28/kVA
OUC installed	No charge	\$96/kVA

In addition, the customer will pay 23% of OUC's onsite cost for primary cable, splices, transformers, and any other equipment or materials necessary to provide electric service. Any equipment requested by the customer (such as automatic transfer switchgear, redundant transformers, etc...) that is in addition to OUC's design, if approved by OUC, will be 100% chargeable to the customer.

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		On-Peak	Shoulder	Off-Peak
RS and GS	7.334	N/A	N/A	N/A
GSD-SEC	7.334	9.006	7.994	6.652
SS-SEC	N/A	8.677	N/A	6.777
GSD-PRI	7.260	8.918	7.913	6.586
SS-PRI	N/A	8.588	N/A	6.711
SL	6.798	N/A	N/A	N/A

Rate Schedule	All kWh (¢ per kWh)	On-Peak Premium (¢ per kWh)
RS-T and GS-T	6.769	1.951

Fuel Charges:

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St. Cloud Electric Legislative Form



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		On-Peak	Shoulder	Off-Peak
RS and GS	6.2947.334	N/A	N/A	N/A
GSD-SEC	6.2947.334	7.7299.006	6.8617.994	5.7096.652
SS-SEC	N/A	7.4468.677	N/A	5.8166.777
GSD-PRI	6.2317.260	7.6538.918	6.7917.913	5.6526.586
SS-PRI	N/A	7.3708.588	N/A	5.7606.711
SL	5.8346.798	N/A	N/A	N/A

Rate Schedule	All kWh (¢ per kWh)	On-Peak Premium (¢ per kWh)
RS-T and GS-T	5.8096.769	1.6741.951

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