



February 28, 2024

BY FEDEX

Adam Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

IDM	___
AFD	___
APA	___
ECO	3 Finals & 1 Legislative copy
ENG	___
GCL	___
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Dear Mr. Teitzman:

Enclosed are four final and two legislative copies of proposed revisions to a Sumter Electric Cooperative, Inc. (SECO Energy) tariff sheet. The following rate sheets were modified:

- Schedule LGSD - Fourth Revised Sheet No. 8.9
- Schedule LS
 - Fourth Revised Sheet No. 10.3
 - Sixth Revised Sheet No. 10.5

The revisions to Sheet No. 8.9 reflect a rate increase commensurate with recently approved GSD rate changes. Currently there are no LGSD members impacted by the change.

The revisions to Sheet No. 10.3 include updates to lighting rates. The updates are based on a lighting study conducted by Mr. G. Michael Leverett, Jr. of Energy Economics Consulting Corporation and incorporate increased cost of fixtures and maintenance expenses as well as LED conversion. The lighting study calculations are enclosed.

The revisions to Sheet No. 10.5 include updates to the service charge and pole rental rates. The service charge update is based on an internal cost analysis. The pole updates are based on a cost study conducted by Mr. G. Michael Leverett, Jr. of Energy Economics Consulting Corporation and incorporate increased cost of poles and maintenance expenses. The pole cost analysis is enclosed.

We are proposing an effective date of May 1, 2024. During the review process, if you have any questions or need additional information regarding this filing, please contact me at 352-569-9622 or by email at anh.reynolds@secoenergy.com.

Sincerely,

Anh Reynolds
Vice President of Financial and Administrative Services

cc: Curtis Wynn, CEO

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LARGE GENERAL SERVICE DEMAND - RATE SCHEDULE LGSD

AVAILABILITY

Available throughout the territory served by the Cooperative in accordance with the Cooperative's Rules and Regulations for Electric Service.

APPLICABILITY

Applicable to non-residential service for light and power purposes where monthly demand equals or exceeds 7500 KW. The minimum term of service under this rate schedule shall be the twelve months following the establishment of either or both of the above specified usages.

CHARACTER AND CONDITIONS OF SERVICE

Single phase or three phase, 60 Hertz, at the Cooperative's standard available voltage. Resale of service or standby service is not permitted hereunder.

CHARGES

Customer Charge.....	\$16.13 per day
Demand Charge.....	\$6.50 per kW
Energy Charge.....	8.93 cents per kWh

BILLING DEMAND

The monthly billing demand shall be the maximum 15-minute demand registered during the period for which the bill is rendered.

MINIMUM MONTHLY CHARGE

The minimum monthly charge for service shall be the highest of:

1. The stated minimum charge per contract or,
2. The daily Customer Charge times the number of days in the billing cycle plus a facilities use charge, if applicable.

Continued on Sheet No. 8.10

SUMTER ELECTRIC COOPERATIVE
Proposed LGSD Rate (Effective May 1, 2024)

<u>Line</u> <u>No.</u>	<u>Rate Component</u> (a)	<u>GSD</u> (b)	<u>LGSD</u>
1	Proposed Rates (Effective Sep 2018)		
2	Customer Charge	\$2.17	\$11.67
3	Demand Charge	\$5.75	\$5.75
4	Energy Charge	\$0.08890	\$0.08489
5			
6			
7	Proposed Rates (Effective Jan 2020)		
8	Customer Charge	\$2.67	No
9	Demand Charge	\$5.95	Changes
10	Energy Charge	\$0.09050	
11			
12			
13	Proposed Rates (Effective May 2023)		
14	Customer Charge	\$3.00	No
15	Demand Charge	\$6.50	Changes
16	Energy Charge	\$0.09350	
17			
18			
19	Percent Change in GSD (2018-2023)		
20	Proposed LGSD Rate (Effective May 2024)		
21	Customer Charge	38.2%	\$16.13
22	Demand Charge	13.0%	\$6.50
23	Energy Charge	5.2%	\$0.0893



LIGHTING SERVICE - SCHEDULE LS

AVAILABILITY

Available throughout the territory served by the Cooperative in accordance with the Cooperative's Rules and Regulations for Electric Service.

APPLICABILITY

Applicable to any consumer for lighting of public or private thoroughfares, parking areas, homes, farms or businesses.

CHARACTER OF SERVICE

Dusk-to-dawn automatically controlled lighting. Installation of Cooperative owned lighting fixtures shall be limited to the Cooperative's existing poles except as noted under the Special Provisions of this rate schedule.

SCHEDULE OF RATES

Per Fixture:

<u>FIXTURE TYPE</u>	<u>EFFECTIVE LUMENS *</u>	<u>DAILY CHARGE</u>
<i>Standard Fixture</i>		
Small	Less than 9,000	\$0.30
Medium	9,000 – 21,000	\$0.59
Large	Greater than 21,000	\$0.78
<i>Decorative Fixture</i>		
Small	Less than 9,000	\$0.72
Medium	9,000 – 21,000	\$1.03
<i>Unmetered Member-Owned Fixture</i>		
Small	Less than 9,000	\$0.14
Medium	9,000 – 21,000	\$0.29
Large	Greater than 21,000	\$0.44

Continued on Sheet No. 10.4

SECO Energy
Marginal Cost Analysis
Comparison Current Rate vs LED Lights

<u>Line No.</u>	<u>Fixture Type</u>	<u>Current Daily Rate</u>	<u>Standard Fixture LED</u>	<u>All Fixture LED</u>	<u>Decorative Fixture LED</u>
1	<u>Daily Rate</u>				
2	Small	\$0.30	\$ 0.29	\$ 0.49	\$ 0.72
3	Medium	\$0.51	\$ 0.59	\$ 0.62	\$ 1.03
4	Large	\$0.70	\$ 0.78	\$ 0.78	
5					
6	<u>Monthly Rate</u>				
7	Small	\$9.00	\$8.60	\$14.77	\$21.68
8	Medium	\$15.30	\$17.73	\$18.71	\$31.03
9	Large	\$21.00	\$23.53	\$23.53	
10					
11	<u>Difference (Monthly Rate) - Current vs Cost Analysis</u>				
12	Small		(\$0.40)	\$5.77	\$12.68
13	Medium		\$2.43	\$3.41	\$15.73
14	Large		\$2.53	\$2.53	



SCHEDULE LS

Page 3 (Continued from Sheet No. 10.4)

5. The Cooperative shall bill a daily fee per pole as follows:

<u>Pole/Fixture Type</u>	<u>Daily Fee</u>
Wood	\$ 0.17
Concrete	\$ 1.33
Fiberglass	\$ 1.33
Aluminum	\$ 1.97

6. A service charge of \$125.00 per trip shall be required for any member-requested replacement, relocation, repositioning, or installation of one or more outdoor lighting fixtures and/or accessories. If such services are performed in accordance with the activation of a new service, the service charge shall not be applicable, and the new service connection fee shall be sufficient to cover the Cooperative's costs related to the outdoor lighting.

7. RESERVED

8. The word "maintain" as it applies to lighting is defined as the replacement of bulbs, glassware and accessory equipment as determined by the Cooperative or upon the request of the consumer in the situation where service is interrupted. However, the consumer shall reimburse the Cooperative for the cost of such maintenance where it is required due to vandalism. Maintenance of lighting installations shall be performed during the regularly scheduled working hours of the Cooperative. However, servicing of public thoroughfare supply circuits shall be performed as necessary to assure continued reliability of the system.

TERMS OF PAYMENT

Bills are due and payable by the date shown on the bill. Bills not paid by the date shown on the bill are subject to a late payment fee of 1.5% of the amount of the bill, with a minimum fee of \$5.00.

SECO Energy
 Marginal Cost Analysis
 Pole Charge

Line No.	Item	Wood	Concrete	Fiberglass	Aluminum
1	Material	\$ 166	\$ 2,438	\$ 2,770	\$ 3,754
2	Labor	\$ 183	\$ 217	\$ 160	\$ 188
3	Total Investment	\$ 349	\$ 2,655	\$ 2,929	\$ 3,942
4	Annual Carrying Cost Factor	<u>18.00%</u>	<u>18.00%</u>	<u>18.00%</u>	<u>18.00%</u>
5	Cost of Direct Investment	\$ 63	\$ 478	\$ 527	\$ 710
6					
7	Total Annual Costs (Ln. 5 + Ln. 10 + Ln. 15)	\$ 63	\$ 478	\$ 527	\$ 710
8	Total Monthly Costs (Ln. 16 / 12)	\$ 5.24	\$ 39.83	\$ 43.94	\$ 59.13
9	Total Daily Costs (Ln. 17 / 30)	\$ 0.17	\$ 1.33	\$ 1.46	\$ 1.97
10					
11	Current Rate (Daily Fee)	\$ 0.07	\$ 0.18	\$ 0.18	\$ 1.00
12	Increase Required	\$ 0.10	\$ 1.15	\$ 1.28	\$ 0.97
13	Percent Increase	149%	638%	714%	97%



LARGE GENERAL SERVICE DEMAND - RATE SCHEDULE LGSD

AVAILABILITY

Available throughout the territory served by the Cooperative in accordance with the Cooperative's Rules and Regulations for Electric Service.

APPLICABILITY

Applicable to non-residential service for light and power purposes where monthly demand equals or exceeds 7500 KW. The minimum term of service under this rate schedule shall be the twelve months following the establishment of either or both of the above specified usages.

CHARACTER AND CONDITIONS OF SERVICE

Single phase or three phase, 60 Hertz, at the Cooperative's standard available voltage. Resale of service or standby service is not permitted hereunder.

CHARGES

Customer Charge.....	\$11,676.13 per day
Demand Charge.....	\$5,756.50 per kW
Energy Charge.....	8,489.93 cents per kWh

BILLING DEMAND

The monthly billing demand shall be the maximum 15-minute demand registered during the period for which the bill is rendered.

MINIMUM MONTHLY CHARGE

The minimum monthly charge for service shall be the highest of:

1. The stated minimum charge per contract or,
2. The daily Customer Charge times the number of days in the billing cycle plus a facilities use charge, if applicable.

Continued on Sheet No. 8.10



LIGHTING SERVICE - SCHEDULE LS

AVAILABILITY

Available throughout the territory served by the Cooperative in accordance with the Cooperative's Rules and Regulations for Electric Service.

APPLICABILITY

Applicable to any consumer for lighting of public or private thoroughfares, parking areas, homes, farms or businesses.

CHARACTER OF SERVICE

Dusk-to-dawn automatically controlled ~~high-pressure sodium vapor~~ lighting. Installation of Cooperative owned lighting fixtures shall be limited to the Cooperative's existing poles except as noted under the Special Provisions of this rate schedule.

SCHEDULE OF RATES

Per Fixture:

	—	—DAILY	—DAILY	
	—ENERGY DAILY	—EFFECTIVE	—MONTHLY	—FIXTURE
<u>FIXTURE TYPE</u>	<u>WATTS</u>	<u>LUMENS *</u>	<u>KWH</u>	<u>CHARGE</u>
<u>CHARGE</u>				
<u>Standard Fixture</u>				
Small				
Small	HP Sodium Vapor		100	Less than 97,0500
42		\$0.3019	\$0.11	
Medium				
Medium	HP Sodium Vapor		29,000 – 21,00050	24,750 — 104
	\$0.05925	\$0.026		
Large				
Large	HP Sodium Vapor	400	Greater than 21	42,000 — 169
	-\$0.028	\$0.07842		



Decorative Fixture

Small	Less than 9,000	<u>\$0.7265</u>
Medium	9,000 – 21,000	<u>\$0.961.03</u>

Unmetered Member-Owned Fixture

Small	Less than 9,000	<u>\$0.14</u>
Medium	9,000 – 21,000	<u>\$0.29</u>
Large	Greater than 21,000	<u>\$0.44</u>

* Effective Lumen output takes into consideration electrical and real world losses (ex. thermal, optical, and assembly), so it is a better representation of the useful visible light that is actually produced.

Continued on Sheet No. 10.4



SCHEDULE LS

Page 3 (Continued from Sheet No. 10.4)

5. The Cooperative shall bill a daily fee per pole as follows:

<u>Pole/Fixture Type</u>	<u>Daily Fee</u>
Wood	\$ 0.017
Concrete	\$ 0.181.33
Fiberglass	\$ 0.181.33
Aluminum	\$ 1.0097

6. A service charge of ~~\$40125.00~~ per trip shall be required for any member-requested replacementthe installation, relocation, or repositioning, or installation of one or more outdoor lighting fixtures and/or accessories. ~~-unless such installation, relocation or repositioning is-~~ If such services are performed by the Cooperative in accordance with the activationg of a new service, -In that circumstance the non-refundable fee for activating the new service charge shall not be applicable, and the new service connection fee shall be sufficient to cover the Cooperative's costs related to the outdoor lighting.

7. ~~Unmetered member-owned lighting accounts will incur a \$1.00 monthly Billing Charge in addition to the Energy Charge and Wholesale Power Cost Adjustment.~~ RESERVED

8. The word "maintain" as it applies to lighting is defined as the replacement of bulbs, glassware and accessory equipment as determined by the Cooperative or upon the request of the consumer in the situation where service is interrupted. However, the consumer shall reimburse the Cooperative for the cost of such maintenance where it is required due to vandalism. Maintenance of lighting installations shall be performed during the regularly scheduled working hours of the Cooperative. However, servicing of public thoroughfare supply circuits shall be performed as necessary to assure continued reliability of the system.

~~WHOLESALE POWER COST ADJUSTMENT~~

~~The monthly charges for energy stated above are subject to adjustment according to the Wholesale Power Cost Adjustment Schedule.~~

TERMS OF PAYMENT

Bills are due and payable by the date shown on the bill. Bills not paid by the date shown on the bill are subject to a late payment fee of 1.5% of the amount of the bill, with a minimum fee of \$5.00.