



Dianne M. Triplett
Deputy General Counsel

November 18, 2020

VIA ELECTRONIC FILING

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

Re: *Duke Energy Florida, LLC's Petition for Limited Proceeding to Approve
Third Solar Base Rate Adjustment*; Docket No. _____

Dear Mr. Teitzman:

Enclosed for filing on behalf of Duke Energy Florida, LLC ("DEF") is DEF's Petition for Limited Proceeding to Approve Third Solar Base Rate Adjustment, along with the following:

- Direct Testimony of Matthew G. Stout with Exhibit No. ___(MGS-1), redacted Exhibit No. ___(MGS-2), Exhibit No. ___(MGS-3), redacted Exhibit No. ___(MGS-4), Exhibit No. ___(MGS-5), redacted Exhibit No. ___(MGS-6), Exhibit No. ___(MGS-7), redacted Exhibit No. ___(MGS-8), Exhibit No. ___(MGS-9), redacted Exhibit No. ___(MGS-10) and Exhibit No. ___(MGS-11);
- Direct Testimony of Benjamin M. H. Borsch with Exhibit No. ___(BMHB-1), Exhibit No. ___(BMHB-2), Exhibit No. ___(BMHB-3) and Exhibit No. ___(BMHB-4);
- Direct Testimony of Thomas G. Foster with Exhibit No. ___(TGF-1);
- Exhibit A-Legislative format Tariffs;
- Exhibit B-Clean copy format Tariffs; and
- Exhibit C-Summary of Tariff changes.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Sincerely,

s/ Dianne M. Triplett

Dianne M. Triplett

DMT/mw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Duke Energy Florida, LLC's Petition
for a limited proceeding to approve third
solar base rate adjustment

Docket No.

Filed: November 18, 2020

**DUKE ENERGY FLORIDA, LLC'S PETITION FOR A LIMITED PROCEEDING
TO APPROVE THIRD SOLAR BASE RATE ADJUSTMENT**

Duke Energy Florida, LLC ("DEF"), pursuant to Sections 366.076(1) and 366.06(3), Florida Statutes ("F.S."), Rule 28-106.201, Florida Administrative Code ("F.A.C."), and the 2017 Second Revised and Restated Settlement Agreement approved by the Florida Public Service Commission ("Commission") in Order No. PSC-2017-0451-AS-EU¹ (the "2017 Settlement"), hereby petitions the Florida Public Service Commission ("FPSC" or the "Commission") for a limited proceeding to approve DEF's third solar base rate adjustment. Specifically, pursuant to Paragraph 15 of the 2017 Settlement, DEF is authorized to request approval from the Commission, for cost recovery, up to 700 MW of solar generation during the term of the 2017 Settlement.² DEF notes that it has filed a notice of withdrawal of its Petition, Testimony, and Exhibits filed May 29, 2020 in docket number 20200153-EI. This new filing replaces the Archer Solar Project, which did not receive permitting approval, with the proposed Sandy Creek Project. The costs for the other four solar projects have not changed from the information presented in the May 29 filing.

DEF presents five solar projects, the Twin Rivers Solar Power Plant ("Twin Rivers Project"), the Santa Fe Solar Power Plant ("Santa Fe Project"), Charlie Creek Solar Power

¹ Docket No. 20170183-EI, issued on November 20, 2017.

²

Plant (“Charlie Creek Project”), Duette Solar Power Plant (“Duette Project”), and Sandy Creek Solar Power Plant (“Sandy Creek Project”), for approval in this third and final group of projects filed pursuant to Paragraph 15. The Twin Rivers Project and the Santa Fe Project are expected to go into service in early 2021, the Charlie Creek Project and Duette Project will come into service in the fourth quarter of 2021, and the Sandy Creek Project will come online in the second quarter of 2022. As explained further below and in the supporting testimony filed with this Petition, DEF’s solar projects meet the requirements set forth in the 2017 Settlement; namely, they are under the \$1,650/ kW_{ac} cap, they are cost effective, and their costs meet the reasonableness requirements set forth in the Paragraph 15(a). Accordingly, DEF respectively requests that its solar projects be approved for rate recovery. Attached to this Petition as Exhibits A and B, DEF is including tariff sheets to reflect the rate increases for the Twin Rivers Project and Santa Fe Project, as well as the multi-year rate increase authorized by Paragraph 12(b) and 12(c) of the 2017 Settlement. DEF will later file another set of tariff sheets to reflect Charlie Creek Project, Duette Project, and Sandy Creek Project.

DEF respectfully requests the Commission to consider this petition as Proposed Agency Action (“PAA”) at its February 2, 2021, Agenda Conference.

In support of this Petition, DEF states:

Introduction

1. DEF is a Florida limited liability company with headquarters at 299 1st Avenue North, St. Petersburg, Florida 33701. DEF is an investor-owned utility operating under the jurisdiction of this Commission pursuant to the provisions of Chapter 366, Florida Statutes, and is a wholly-owned subsidiary of Duke Energy Corporation. DEF provides

generation, transmission, and distribution service to approximately 1.8 million retail customers in Florida.

2. Any pleading, motion, notice, order, or other document required to be served upon DEF or filed by any party to this proceeding should be served upon the following individuals:

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Duke Energy Florida, LLC
106 E. College Avenue, Ste. 800
Tallahassee, FL 32301
(850) 521-1428 / (850) 521-1437 (fax)

3. This Petition is being filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency's proposed action. Therefore, subparagraph (c) and portions of subparagraphs (b), (e), (f), and (g) of subsection (2) of that rule are not applicable to this Petition. In compliance with subparagraph (d), DEF states that it is not known at this time which, if any, of the issues of material fact set forth in the body of this Petition may be disputed by any others who may plan to participate in this proceeding.

2017 Settlement Requirements and DEF's Proposed Solar Facilities

4. Paragraph 15(a) of the 2017 Settlement authorizes the Company to seek Commission approval of up to 700 MW of solar projects during the term of the 2017 Settlement Agreement, provided that no rate adjustment for solar projects be implemented in 2018. The cost of the solar projects subject to Paragraph 15(a) of the 2017 Settlement shall

be reasonable and cost effective, and the average cost of all projects submitted in a particular filing shall not exceed \$1,650 per kilowatt alternating current (“kW_{ac}”).

5. For projects not subject to the Power Plant Siting Act (i.e. less than 75 MW), Paragraph 15(c) of the 2017 Settlement obligates DEF to file a separate proceeding for approval of the solar projects and determination of the following issues: (a) the reasonableness and cost effectiveness of the solar generation projects (i.e., will the projects lower the projected system cumulative present value revenue requirement “CPVRR” as compared to such CPVRR without the solar projects); (b) the amount of revenue requirements; (c) and whether, when considering all relevant factors, DEF needs the solar project(s). DEF has filed this Petition for the purpose of resolving these three issues.

6. As explained further in the testimony of Matthew G. Stout, filed simultaneously with and incorporated by reference into this Petition, DEF is proposing five new solar facilities for approval in this third group. The Twin Rivers Project is a 74.9 MW facility located in Hamilton County, Florida and the Santa Fe Project is a 74.9 MW facility located in Columbia County, Florida. They are expected to go into commercial service in early 2021 at a cost of approximately \$100 million or \$1,336/ kW_{ac} and approximately \$109 million or \$1,454/ kW_{ac}, respectively. The Charlie Creek Project is a 74.9 MW facility located in Hardee County, Florida. The Duette Project is a 74.5 MW facility located in Manatee County, Florida. These two projects are expected to come online by the last quarter of 2021. The Charlie Creek Project and Duette Project are projected to cost approximately \$98 million or \$1,308/kW_{ac}, and approximately \$109 million or \$1,457/kW_{ac}, respectively. The Sandy Creek Project is a 74.9 MW facility located in Bay County, Florida. Only the costs associated with 56.6 MW of the Sandy Creek Project will be included in rates for

SoBRA recovery. The Sandy Creek Project is projected to cost approximately \$99 million or \$1,323/kW_{ac} and is expected to come online by the second quarter of 2022. The total MW for the third group of DEF's solar generation base rate adjustment is 355.8 MW.

7. The weighted average cost for the facilities in this filing is \$1,376/kW_{ac}, which is below the \$1,650/ kW_{ac} cap set forth in the 2017 Settlement. Mr. Stout explains in his testimony the process the Company undertook to ensure that the project costs are reasonable. He also explains how DEF met the requirements in Paragraph 15(a) of the 2017 Settlement, that the selection of contractors and the procurement of equipment were obtained using a reasonable competitive solicitation process. Mr. Stout further explains how DEF considered buying out existing potential projects.

8. As explained in the testimony of Benjamin M. H. Borsch, filed simultaneously with and incorporated by reference into this Petition, the proposed solar projects in DEF's third group are cost-effective and needed. Specifically, the projects, when considered together, will lower DEF's CPVRR when compared to the CPVRR without the projects. Mr. Borsch also explains the benefits of fuel diversity and other attributes that contribute to the Company's need for the facilities.

9. The 2017 Settlement specifically Paragraphs 15(e) and (f) contain detailed requirements as to the calculation of revenue requirements to implement the solar base rate adjustment. DEF's request complies with these requirements, as demonstrated in the testimony of Thomas G. Foster, filed simultaneously with and incorporated by reference into this Petition. Applying the 2017 Settlement, DEF requests approval of approximately \$62.6 million in total annual revenue requirements associated with this third group of solar projects.

Effective Date of Requested Changes

10. The solar projects in the third group have differing commercial in-service dates. The revenue requirements and resulting estimated residential base rate impact for each of the five projects are set forth in Mr. Foster's testimony and exhibits. DEF would request that it be allowed to increase base rates, for the Twin Rivers and Santa Fe Projects, by the above-referenced amounts with the first billing cycle of February 2021, so that rates will increase after the January 2021 in-service date for the Twin Rivers and Santa Fe Projects. Included with this Petition, DEF is filing tariff sheets with an effective date of February 1, 2021 for the Twin Rivers and Santa Fe Projects using DEF's 2020 CCR projection filing for 2021 rates. Specifically, Exhibits A and B to this Petition contain proposed revised tariff sheets in legislative format and clean copy format respectively, including: Section No. VI, Thirty-Ninth Revised Sheet No. 6.120, of DEF's Retail Tariff Rate Schedule RS-1; Section No. VI, Forty-First Revised Sheet No. 6.130, of DEF's Retail Tariff Rate Schedule RSL-1; Section No. VI, Twenty-Seventh Revised Sheet No. 6.135, of DEF's Retail Tariff Rate Schedule RSL-2; Section No. VI, Fourteenth Revised Sheet No. 6.350, of DEF's Retail Tariff Rate Schedule RSS-1; Section No. VI, Thirty-Third Revised Sheet No. 6.140, of DEF's Retail Tariff Rate Schedule RST-1; Section No. VI, Fortieth Revised Sheet No. 6.150, of DEF's Retail Tariff Rate Schedule GS-1; Section No. VI, Thirty-Sixth Revised Sheet No. 6.160, of DEF's Retail Tariff Rate Schedule GST-1; Section No. VI, Thirty-Ninth Revised Sheet No. 6.165, of DEF's Retail Tariff Rate Schedule GS-2; Section No. VI, Thirty-Sixth Revised Sheet No. 6.170, of DEF's Retail Tariff Rate Schedule GSD-1; Section No. VI, Thirty-Seventh Revised Sheet No. 6.180, of DEF's Retail Tariff Rate Schedule GSDD-1; Section No. VI, Forty-First Revised Sheet No. 6.230, of DEF's Retail Tariff Rate Schedule

CS-1; Section No. VI, Twenty-Sixth Revised Sheet No. 6.235, of DEF's Retail Tariff Rate Schedule CS-2; Section No. VI, Twenty-Third Revised Sheet No. 6.2390, of DEF's Retail Tariff Rate Schedule CS-3; Section No. VI, Fortieth Revised Sheet No. 6.240, of DEF's Retail Tariff Rate Schedule CST-1; Section No. VI, Twenty-Fifth Revised Sheet No. 6.245, of DEF's Retail Tariff Rate Schedule CST-2; Section No. VI, Twenty-Third Revised Sheet No. 6.2490, of DEF's Retail Tariff Rate Schedule CST-3; Section No. VI, Forty-First Revised Sheet No. 6.250, of DEF's Retail Tariff Rate Schedule IS-1; Section No. VI, Twenty-Sixth Revised Sheet No. 6.255, of DEF's Retail Tariff Rate Schedule IS-2; Section No. VI, Forty-First Revised Sheet No. 6.260, of DEF's Retail Tariff Rate Schedule IST-1; Section No. VI, Twenty-Sixth Revised Sheet No. 6.265, of DEF's Retail Tariff Rate Schedule IST-2; Section No. VI, Thirty-Eighth Revised Sheet No. 6.280, Thirty-Third Revised Sheet No. 6.281, Thirteenth Revised Sheet No. 6.2811, and Third Revised Sheet No. 6.2812, of DEF's Retail Tariff Rate Schedule LS-1; Section No. VI, Twenty-Ninth Revised Sheet No. 6.312 and Twenty-Eighth Revised Sheet No. 6.313, of DEF's Retail Tariff Rate Schedule SS-1; Section No. VI, Thirty-Third Revised Sheet No. 6.317 and Twenty-Seventh Revised Sheet No. 6.318 of DEF's Retail Tariff Rate Schedule SS-2; and Section No. VI, Twenty-Ninth Revised Sheet No. 6.322 and Twenty-Fourth Revised Sheet No. 6.323 of DEF's Retail Tariff Rate Schedule SS-3. The tariff sheets also reflect the multi-year rate increase authorized by Paragraph 12(b) and 12(c) of the 2017 Settlement. Exhibit C attached hereto, the "Summary of Tariff Changes for SoBRA 3 rates for Santa Fe and Twin Rivers" further explains the current-proposed tariff changes shown in Exhibits A and B. DEF will file a set of tariff sheets to reflect the Charlie Creek Project and Duette Project, with an effective date for the first billing cycle of January 2022, concurrent with DEF's 2021 CCR projection

filing for 2022 rates. DEF will then file a final set of tariff sheets to reflect the rate increase for the Sandy Creek Project with an effective date for the first billing cycle of May 2022.

11. Given that the hearing in this matter will not be held before the requested effective date of the tariff changes, DEF respectfully requests that the Commission treat its tariff filing under Section 366.06(3), Florida Statute's "file and suspend" provisions and allow the rates for the Twin Rivers and Santa Fe Projects to go into effect with the first billing cycle of February 2021, subject to refund, pending the outcome of the final hearing. If the commercial in-service dates of the Projects are delayed, then the tariff would become effective with the first billing cycle after the Projects are placed in commercial service.

12. Because DEF cannot file tariff sheets for the last three solar projects with this filing, as explained above, DEF requests that the Commission give its Staff authority to administratively approve the tariff sheets, for the Charlie Creek, Duette, and Sandy Creek Projects, at the dates set forth in Mr. Foster's testimony.

Conclusion

WHEREFORE, DEF respectfully requests that the Commission enter an order:

(1) approving the revenue requirements associated with the third group of its solar projects, as presented in this filing;

(2) approving the filed tariff sheets, Exhibits A and B to this Petition, for the Twin Rivers and Santa Fe Projects; and

(3) providing its Staff authority to administratively approve the tariff sheets including

the Charlie Creek, Duette, and Sandy Creek Projects, at the appropriate time.

Respectfully submitted,

s/Dianne M. Triplett

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EXHIBIT A

Legislative Format Tariffs (1 copy)

Thirty-Ninth Revised Sheet No. 6.120
Forty-First Revised Sheet No. 6.130
Twenty-Seventh Revised Sheet No. 6.135
Fourteenth Revised Sheet No. 6.350
Thirty-Third Revised Sheet No. 6.140
Fortieth Revised Sheet No. 6.150
Thirty-Sixth Revised Sheet No. 6.160
Thirty-Ninth Revised Sheet No. 6.165
Thirty-Sixth Revised Sheet No. 6.170
Thirty-Seventh Revised Sheet No. 6.180
Forty-First Revised Sheet No. 6.230
Twenty-Sixth Revised Sheet No. 6.235
Twenty-Third Revised Sheet No. 6.2390
Fortieth Revised Sheet No. 6.240
Twenty-Fifth Revised Sheet No. 6.245
Twenty-Third Revised Sheet No. 6.2490
Forty-First Revised Sheet No. 6.250
Twenty-Seventh Revised Sheet No. 6.255
Forty-First Revised Sheet No. 6.260
Twenty-Sixth Revised Sheet No. 6.265
Thirty-Eighth Revised Sheet No. 6.280
Thirty-Third Revised Sheet No. 6.281
Thirteenth Revised Sheet No. 6.2811
Third Revised Sheet No. 6.2812
Twenty-Ninth Revised Sheet No. 6.312
Twenty-Eighth Revised Sheet No. 6.313
Thirty-Third Revised Sheet No. 6.317
Twenty-Seventh Revised Sheet No. 6.318
Twenty-Ninth Revised Sheet No. 6.322
Twenty-Fourth Revised Sheet No. 6.323



RATE SCHEDULE RS-1
 RESIDENTIAL SERVICE

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To residential customers in a single dwelling house, a mobile home, or individually metered single apartment unit or other unit having housekeeping facilities, occupied by one family or household as a residence. The premises of such single dwelling may include an additional apartment with separate housekeeping facilities, as well as a garage and other separate structures where they are occupied or used solely by the members or servants of such family or household. Also, for energy used in commonly-owned facilities in condominium and cooperative apartment buildings subject to the following criteria:

1. 100% of the energy is used exclusively for the co-owner's benefit.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. Each point of delivery is separately metered and billed.
4. A responsible legal entity is established as the customer to whom the Company can render its bill(s) for said service.

Character of Service:

Continuous service, alternating current, 60 cycles per second, single-phase or three-phase, at the Company's standard available distribution voltage. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ ~~44.40~~11.52

Demand and Energy Charges:

Non-Fuel Energy Charges:

First 1,000 kWh ~~6.27~~6.33¢ per kWh
 All additional kWh ~~7.98~~8.07¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January~~-~~February~~ 1, 2021



**RATE SCHEDULE RSL-1
 RESIDENTIAL LOAD MANAGEMENT**

Availability:

Available only within the range of the Company's Load Management System.
 Available to customers whose premises have active load management devices installed prior to June 30, 2007.
 Available to customers whose premises have load management devices installed after June 30, 2007 that have and are willing to submit to load control of, at a minimum, central electric cooling and heating systems.

Applicable:

To customers eligible for Residential Service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh (based on the most recent 12 months, or, where not available, a projection for 12 months), and utilizing any of the following electrical equipment:

- | | |
|------------------------------------|------------------------------------|
| 1. Water Heater | 3. Central Electric Cooling System |
| 2. Central Electric Heating System | 4. Swimming Pool Pump |

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the customer's premises.
 For new service requests after June 30, 2007 customers with a central electric heating system that is a heat pump will be installed on Interruption Schedule S. All other new service requests will be installed on Interruption Schedule B. Interruption Schedule C shall be at the option of the customer.
 For new service requests after April 1, 1995, and before June 30, 2007, customers who select the swimming pool pump schedule must also select at least one other schedule.
 An installation of an alternative thermal storage heating system under Special Provision No. 7 of this rate schedule is not available after April 1, 1995.
 Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ ~~41.40~~11.52

Energy and Demand Charges:
 Non-Fuel Energy Charges:
 First 1,000 kWh ~~6.27~~16.33¢ per kWh
 All additional kWh ~~7.98~~6.07¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

Load Management Monthly Credit Amounts:^{1,2}

Interruptible Equipment	Interruption Schedule				
	A	B	C	D	S
Water Heater	-	-	\$3.50	-	-
Central Heating System ³	\$2.00	\$8.00	-	-	\$8.00
Central Heating System w/Thermal Storage ³	-	-	-	\$8.00	-
Central Cooling System ⁴	\$1.00	\$5.00	-	-	\$5.00
Swimming Pool Pump	-	-	\$2.50	-	-

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE RSL-2
 RESIDENTIAL LOAD MANAGEMENT – WINTER ONLY**

Availability:

Available only within the range of the Company's Load Management System.

Applicable:

To customers eligible for Residential Service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh for the months of November through March (based on the most recent billings, where not available, a projection for those months) and utilizing **both** electric water heater and central electric heating systems.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the customer's premises.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ ~~41.40~~11.52

Energy and Demand Charges:

Non-Fuel Energy Charges:

First 1,000 kWh 6.27~~16.33~~¢ per kWh
 All additional kWh 7.98~~68.07~~¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

Load Management Credit Amount:¹

<u>Interruptible Equipment</u>	<u>Monthly Credit²</u>
Water Heater and Central Heating System	\$11.50

Notes: (1) Load management credit shall not exceed 40% of the Non-Fuel Energy Charge associated with kWh billed in excess of 600 kWh/month.
 (2) For billing months of November through March only.

Appliance Interruption Schedule:

Heating	Equipment interruptions to achieve an effective equipment duty cycle of approximately 45% during control periods within the Company's designated Peak Periods. Heat pump back-up strip may be interrupted continuously, not to exceed 300 minutes, during the Company's designated Peak. When the heat pump back-up strip is being interrupted, the heat pump will not be interrupted.
Water Heater	Equipment may be interrupted continuously, not to exceed 300 minutes, and during the Company's designated Peak Periods.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: January-February 1, 2021

**RATE SCHEDULE RSS-1
RESIDENTIAL SEASONAL SERVICE RIDER**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To customers receiving residential service under Rate Schedule RS-1, RSL-1 or RSL-2 that meet the special provisions of this schedule.

Rate Per Month:

Other than as stated below, the otherwise applicable rate schedule for electric service will apply.

Standard Customer Charge	\$ 41,401.52
Seasonal Customer Charge	\$ 5,986.04

Seasonal Billing Periods:

The billing months of March through October.

Special Provisions:

1. To qualify for service under this rider, the customer's premise must be occupied each year during a portion of the billing months of November through February and must not be occupied at least three months during the billing months of March through October.
2. The maximum allowable consumption for a seasonal billing period is 210 kWh. However, if the seasonal billing period exceeds 30 days, the maximum allowable consumption is increased by seven (7) kWh per day.
3. If kWh usage during the seasonal billing period is less than or equal to the maximum allowable consumption for the billing period, the seasonal customer charge will apply. For non-seasonal billing months and those seasonal billing months that exceed the allowed maximum allowable consumption, the standard customer charge will apply.
4. All other provisions of the otherwise applicable rate schedule will apply to customers served under this schedule.



**RATE SCHEDULE RST-1
 RESIDENTIAL SERVICE
 OPTIONAL TIME OF USE RATE
 (Closed to New Customers as of 02/10/10)**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of residential customers otherwise eligible for service under Rate Schedule RS-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Rate Per Month:

Customer Charge: \$ ~~21.08~~21.30

Energy and Demand Charges:

Non-Fuel Energy Charges: ~~49.36~~49.567¢ per On-Peak kWh
~~4.075~~4.086¢ per Off-Peak kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Rating Periods:

(a) On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday *: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

(Continued on Page No. 2)



**RATE SCHEDULE GS-1
 GENERAL SERVICE – NON-DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Unmetered Account:	\$ 8,538.62
Secondary Metering Voltage:	\$ 15,0915.25
Primary Metering Voltage:	\$ 490,84192.81
Transmission Metering Voltage:	\$ 944,15951.04

Energy and Demand Charges:

Non-Fuel Energy Charge: ~~6,8406.882~~¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by ~~0,9390,940~~¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above standard distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy Charge hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE GST-1
 GENERAL SERVICE – NON-DEMAND
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of non-residential customers otherwise eligible for service under Rate Schedule GS-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 24.75 <u>25.01</u>
Primary Metering Voltage:	\$ 200.50 <u>202.60</u>
Transmission Metering Voltage:	\$ 950.84 <u>960.80</u>

Energy and Demand Charge:

Non-Fuel Energy Charge:	49.33 <u>49.535</u> ¢ per On-Peak kWh
	4.048 <u>4.059</u> ¢ per Off-Peak kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Charges included in the Rate per Month section of this rate schedule shall be increased by ~~0.9300~~0.940¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday *: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January~~February 1, 2021



RATE SCHEDULE GS-2
 GENERAL SERVICE – NON-DEMAND
 100% LOAD FACTOR USAGE

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, with fixed wattage loads operating continuously throughout the billing period (such as traffic signals, cable TV amplifiers and gas transmission substations).

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Unmetered Account: \$ ~~8.538.62~~
 Metered Account: \$ ~~15.0915.25~~

Energy and Demand Charges:

Non-Fuel Energy Charge: ~~2.5832.610~~¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by ~~0.4880.190~~¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Additional Charges:

Fuel Cost Recovery Factor: See Sheet No. 6.105
 Asset Securitization Charge Factor: See Sheet No. 6.105
 Gross Receipts Tax Factor: See Sheet No. 6.106
 Right-of-Way Utilization Fee: See Sheet No. 6.106
 Municipal Tax: See Sheet No. 6.106
 Sales Tax: See Sheet No. 6.106

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE GSD-1
 GENERAL SERVICE - DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable with a measured annual kWh consumption of 24,000 kWh or greater per year.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 46.09 <u>15.25</u>
Primary Metering Voltage:	\$ 400.84 <u>192.81</u>
Transmission Metering Voltage:	\$ 944.15 <u>951.04</u>

Demand Charge:

\$ ~~6.38~~6.44 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Energy Charge:

Non-Fuel Energy Charge: ~~2.844~~2.874¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~1.37~~1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE GSDT-1
 GENERAL SERVICE - DEMAND
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of the customer, otherwise eligible for service under Rate Schedule GSD-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 24,752.50 <u>24,752.01</u>
Primary Metering Voltage:	\$ 200,592.60 <u>200,592.60</u>
Transmission Metering Voltage:	\$ 950,849.60 <u>950,849.80</u>

Demand Charges:

Base Demand Charge: \$ ~~4,581.60~~ 4,581.60 per kW of Base Demand

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

On-Peak Demand Charge: \$ ~~4,734.78~~ 4,734.78 per kW of On-Peak Demand

Energy Charges:

Non-Fuel Energy Charge: ~~6,496.255~~ 4,037.1048¢ per On-Peak kWh
~~4,037.1048~~ 4,037.1048¢ per Off-Peak kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by ~~1,371.39~~ 1,371.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CS-1
 CURTAILABLE GENERAL SERVICE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the customer agrees during a period of requested curtailment to curtail as a minimum the greater of: (a) 25 kW or (b) 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 82,7883.65
Primary Metering Voltage:	\$ 229,84232.25
Transmission Metering Voltage:	\$ 857,81866.82

Demand Charge:

\$ ~~40,2310.34~~ per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Curtailable Demand Credit:

\$ 5.03 per kW of Curtailable Demand

Energy Charge:

Non-Fuel Energy Charge: ~~4,8681.888~~¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~4,371.39~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January~~February 1, 2021



**RATE SCHEDULE CS-2
 CURTAILABLE GENERAL SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the billing demand is 500 kW or more, and where the customer agrees to curtail 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 82,788 <u>3.65</u>
Primary Metering Voltage:	\$ 229,842 <u>32.25</u>
Transmission Metering Voltage:	\$ 857,848 <u>66.82</u>

Demand Charge:

\$ ~~40,231~~0.34 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Curtable Demand Credit:

\$ 8.77 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge: ~~4,868~~1.888¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~4,371~~1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



6.2390

**RATE SCHEDULE CS-3
CURTAILABLE GENERAL SERVICE – FIXED CURTAILABLE DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the billing demand is 2,000 kW or more (based on most recent twelve (12) months or, where not available, projected billing demand for twelve (12) months), and where the customer agrees to curtail its demand by a fixed contractual amount of not less than 2,000 kW upon request of the Company in accordance with the provisions of this rate schedule.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. Service under this rate schedule is not subject to curtailment for economic reasons. The Company will not make off-system purchases during such curtailment periods to maintain service hereunder except as set forth in Special Provision No. 6 below.

Service under this rate is subject to the "General Rules and Regulations Governing Electric Service" contained in Section IV of the Company's currently effective and filed retail tariff.

Rate Per Month:

Customer Charge:

Secondary Metering Voltage: \$ ~~82,7883.65~~
Primary Metering Voltage: \$ ~~229,84232.25~~
Transmission Metering Voltage: \$ ~~857,84866.82~~

Demand Charge: \$ ~~40,2310.34~~ per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

Curtable Demand Credit: \$ 8.77 per kW of Fixed Curtable Demand

Energy Charge:

Non-Fuel Energy Charge: ~~1,8681.888~~¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where the customer receives Premium Distribution Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer, including, all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~1,371.39~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period, but not less than 2,000 kW.

Delivery Voltage Credit:

When a customer takes service under this rate schedule at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage: \$1.19 per kW of Billing Demand
For Transmission Delivery Voltage: \$5.95 per kW of Billing Demand

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE CST-1
 CURTAILABLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule CS-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Curtailable Service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 82.7883.65
Primary Metering Voltage:	\$ 229.84232.25
Transmission Metering Voltage:	\$ 857.84866.82

Demand Charges:

Base Demand Charge:	\$ 4.531.55 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 8.638.72 per kW of On-Peak Demand

Curtable Demand Credit:

\$ 5.03 per kW of Curtable Demand

Energy Charge:

Non-Fuel Energy Charge:	3.4303.466 ¢ per On-Peak kWh 1.0341.042 ¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$ ~~1.371.39~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CST-2
CURTAILABLE GENERAL SERVICE
OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule CS-2, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 82,7883.65
Primary Metering Voltage:	\$ 229,84232.25
Transmission Metering Voltage:	\$ 857,84866.82

Demand Charges:

Base Demand Charge: \$ ~~4,531.55~~ per kW of Base Demand

Plus the Cost Recovery Factors on a \$/ kW basis
in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

On-Peak Demand Charge: \$ ~~8,638.72~~ per kW of On-Peak Demand

Curtailable Demand Credit:

\$ 8.77 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge:	3,4303.466 ¢ per On-Peak kWh
	1,0341.042 ¢ per Off-Peak kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
in Rate Schedule BA-1, *Billing Adjustments*,
except for the Fuel Cost Recovery Factor and
Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~1,371.39~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE CST-3
CURTAILABLE GENERAL SERVICE – FIXED CURTAILABLE DEMAND
OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer otherwise eligible for service under Rate Schedule CS-3, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments, or b) supply emergency interchange service to another utility for its firm load obligations only. Service under this rate schedule is not subject to curtailment for economic reasons. The Company will not make off-system purchases during such curtailment periods to maintain service hereunder except as set forth in Special Provision No. 6 below.

Service under this rate is subject to the "General Rules and Regulations Governing Electric Service" contained in Section IV of the Company's currently effective and filed retail tariff.

Rate Per Month:

Customer Charge:

Secondary Metering Voltage: \$ ~~82,788~~83.65
Primary Metering Voltage: \$ ~~229,842~~32.25
Transmission Metering Voltage: \$ ~~857,848~~66.82

Demand Charges:

Base Demand Charge: \$ ~~4,531~~1.55 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106
On-Peak Demand Charge: \$ ~~8,638~~7.72 per kW of On-Peak Demand

Curtable Demand Credit:

\$ 8.77 per kW of Fixed Curtable Demand

Energy Charge:

Non-Fuel Energy Charge: ~~3,430~~3.466¢ per On-Peak kWh
~~1,034~~1.042¢ per Off-Peak kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where the customer receives Premium Distribution Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including, all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by ~~\$1,371~~1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

For the calendar months of November through March,
Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.

For the calendar months of April through October,
Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the following Monday shall be excluded from the On-Peak Periods.

Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

(Continued on Page No. 2)



**RATE SCHEDULE IS-1
 INTERRUPTIBLE GENERAL SERVICE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where service may be interrupted by the Company.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 303.96 <u>307.15</u>
Primary Metering Voltage:	\$ 454.03 <u>455.77</u>
Transmission Metering Voltage:	\$ 4,079.02 <u>1,090.36</u>

Demand Charge:

\$ ~~8.678~~.76 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Interruptible Demand Credit:

\$ 6.71 per kW of Billing Demand

Energy Charge:

Non-Fuel Energy Charge: ~~4.2521~~.265¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by ~~4.371~~.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period.

Delivery Voltage Credit:

When a customer takes service under this rate schedule at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$1.19 per kW of Billing Demand
For Transmission Delivery Voltage:	\$5.95 per kW of Billing Demand

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE IS-2
INTERRUPTIBLE GENERAL SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicability:

Applicable to customers, other than residential, for light and power purposes where the billing demand is 500 kW or more, and where service may be interrupted by the Company. For customer accounts established under this rate schedule after June 3, 2003, service is limited to premises at which an interruption of electric service will primarily affect only the customer, its employees, agents, lessees, tenants or business guests, and will not significantly affect members of the general public, nor interfere with functions performed for the protection of public health or safety. Examples of premises at which service under this rate schedule may not be provided, unless adequate on-site backup generation is available, include, but are not limited to: retail businesses, offices, and governmental facilities open to members of the general public, stores, hotels, motels, convention centers, theme parks, schools, hospitals and health care facilities, designated public shelters, detention and correctional facilities, police and fire stations, and other similar facilities.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency Interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 303.96 307.15
Primary Metering Voltage:	\$ 454.03 455.77
Transmission Metering Voltage:	\$ 4,079.02 1,090.36

Demand Charge:

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	\$ 8.678 7.76 per kW of Billing Demand
	See Sheet No. 6.105 and 6.106

Interruptible Demand Credit:

\$ 11.70 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge: ~~1.2521~~2.265¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by ~~\$1.371~~3.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period, but not less than 500 kW.

Determination of Load Factor Adjusted Demand:

The Load Factor Adjusted Demand shall be the product of the maximum 30-minute kW demand established during the current billing period and the customer's billing load factor (ratio of billing kWh to maximum 30-minute kW demand times the number of hours in the billing period).

Delivery Voltage Credit:

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$1.19 per kW of Billing Demand
For Transmission Delivery Voltage:	\$5.95 per kW of Billing Demand

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January~~ February 1, 2021



**RATE SCHEDULE IST-1
 INTERRUPTIBLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule IS-1, provided that the total electric load requirements at each point of delivery are measured through one meter.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage: \$ ~~303.96~~307.15
 Primary Metering Voltage: \$ ~~454.03~~455.77
 Transmission Metering Voltage: \$ ~~4,079.02~~1,090.36

Demand Charge:

Base Demand Charge: \$ ~~4.37~~1.39 per kW of Base Demand
 Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

On-Peak Demand Charge: \$ ~~7.57~~7.65 per kW of On-Peak Demand

Interruptible Demand Credit: \$ 6.71 per kW of On-Peak Demand

Energy Charge:

Non-Fuel Energy Charge: ~~4.75~~31.771¢ per On-Peak kWh
~~4.02~~31.034¢ per Off-Peak kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~4.37~~1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



**RATE SCHEDULE IST-2
 INTERRUPTIBLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicability:

At the option of the customer, applicable to customers otherwise eligible for service under Rate Schedule IS-2, where the billing demand is 500 kW or more, provided that the total electric requirements at each point of delivery are measured through one meter. For customer accounts established under this rate schedule after June 3, 2003, service is limited to premises at which an interruption of electric service will primarily affect only the customer, its employees, agents, lessees, tenants, or business guests, and will not significantly affect members of the general public, nor interfere with functions performed for the protection of public health or safety. Examples of premises at which service under this rate schedule may not be provided, unless adequate on-site backup generation is available, include, but are not limited to: retail businesses, offices, and governmental facilities open to members of the general public, stores, hotels, motels, convention centers, theme parks, schools, hospitals and health care facilities, designated public shelters, detention and correctional facilities, police and fire stations, and other similar facilities.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments, or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 303.06 <u>307.15</u>
Primary Metering Voltage:	\$ 454.03 <u>455.77</u>
Transmission Metering Voltage:	\$ 4,079.02 <u>1,090.36</u>

Demand Charge:

Base Demand Charge:	\$ 4.37 <u>1.39</u> per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 7.57 <u>7.65</u> per kW of On-Peak Demand

Interruptible Demand Credit:

\$ 11.70 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge:	4.753 <u>1.771</u> ¢ per On-Peak kWh 4.023 <u>1.034</u> ¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit. In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$~~4.37~~1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)

ISSUED BY: **Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL**

EFFECTIVE: **January-February 1, 2021**



**RATE SCHEDULE LS-1
 LIGHTING SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer for the sole purpose of lighting roadways or other outdoor land use areas; served from either Company or customer owned fixtures of the type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Character of Service:

Continuous dusk to dawn automatically controlled lighting service (i.e. photoelectric cell); alternating current, 60 cycle, single phase, at the Company's standard voltage available.

Limitation of Service:

Availability of certain fixture or pole types at a location may be restricted due to accessibility.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Rate Per Month:

Customer Charge:

Unmetered: \$ ~~4,541.56~~ per line of billing
 Metered: \$ ~~4,454.49~~ per line of billing

Energy and Demand Charge:

Non-Fuel Energy Charge: ~~2,6862.715~~¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Per Unit Charges:

I. Fixtures:

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Incandescent: ¹							
110	Roadway	1,000	105	32	\$1.03	\$4.07	\$0. 8687
115	Roadway	2,500	205	66	1.61	3.67	1. 7779
170	Post Top	2,500	205	72	20.39	3.67	1. 9395
Mercury Vapor: ¹							
205	Open Bottom	4,000	100	44	\$2.55	\$1.80	\$1. 4819
210	Roadway	4,000	100	44	2.95	1.80	1. 4819
215	Post Top	4,000	100	44	3.47	1.80	1. 4819
220	Roadway	8,000	175	71	3.34	1.77	1. 9493
225	Open Bottom	8,000	175	71	2.50	1.77	1. 9493
235	Roadway	21,000	400	158	4.04	1.81	4. 2429
240	Roadway	62,000	1,000	386	5.29	1.78	10. 3748
245	Flood	21,000	400	158	5.29	1.81	4. 2429
250	Flood	62,000	1,000	386	6.20	1.78	10. 3748

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January-February~~ 1, 2021



RATE SCHEDULE LS-1
 LIGHTING SERVICE
 (Continued from Page No. 1)

I. Fixtures: (Continued)

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
	Sodium Vapor: ¹						
300	HPS Deco Rdwy White	50,000	400	168	\$14.73	\$1.61	\$4. 5456
301	Sandpiper HPS Deco Roadway	27,500	250	104	13.81	1.72	2. 7982
302	Sandpiper HPS Deco Rdwy B k	9,500	100	42	14.73	1.58	1. 4314
305	Open Bottom	4,000	50	21	2.54	2.04	0. 5657
310	Roadway	4,000	50	21	3.12	2.04	0. 5657
313	Open Bottom	6,500	70	29	4.19	2.05	0. 7879
314	Hometown II	9,500	100	42	4.08	1.72	1. 4314
315	Post Top - Colonial/Contemp	4,000	50	21	5.04	2.04	0. 5657
316	Colonial Post Top	4,000	50	34	4.05	2.04	0. 9492
318	Post Top	9,500	100	42	2.50	1.72	1. 4314
320	Roadway-Overhead Only	9,500	100	42	3.64	1.72	1. 4314
321	Deco Post Top - Monticello	9,500	100	49	12.17	1.72	1. 3233
322	Deco Post Top - Flagler	9,500	100	49	16.48	1.72	1. 3233
323	Roadway-Turtle OH Only	9,500	100	42	4.32	1.72	1. 4314
325	Roadway-Overhead Only	16,000	150	65	3.78	1.75	1. 7576
326	Deco Post Top – Sanibel	9,500	100	49	18.16	1.72	1. 3233
330	Roadway-Overhead Only	22,000	200	87	3.64	1.83	2. 3436
335	Roadway-Overhead Only	27,500	250	104	4.16	1.72	2. 7982
336	Roadway-Bridge	27,500	250	104	6.74	1.72	2. 7982
337	Roadway-DOT	27,500	250	104	5.87	1.72	2. 7982
338	Deco Roadway–Maitland	27,500	250	104	9.62	1.72	2. 7982
340	Roadway-Overhead Only	50,000	400	169	5.03	1.76	4. 5459
341	HPS Flood-City of Sebring only	16,000	150	65	4.06	1.75	1. 7576
342	Roadway-Turnpike	50,000	400	168	8.95	1.76	4. 5456
343	Roadway-Turnpike	27,500	250	108	9.12	1.72	2. 9993
345	Flood-Overhead Only	27,500	250	103	5.21	1.72	2. 7780
347	Clermont	9,500	100	49	20.65	1.72	1. 3233
348	Clermont	27,500	250	104	22.65	1.72	2. 7982
350	Flood-Overhead Only	50,000	400	170	5.19	1.76	4. 5762
351	Underground Roadway	9,500	100	42	6.22	1.72	1. 4314
352	Underground Roadway	16,000	150	65	7.58	1.75	1. 7576
354	Underground Roadway	27,500	250	108	8.10	1.72	2. 9993
356	Underground Roadway	50,000	400	168	8.69	1.76	4. 5456
357	Underground Flood	27,500	250	108	9.36	1.72	2. 9993
358	Underground Flood	50,000	400	168	9.49	1.76	4. 5456
359	Underground Turtle Roadway	9,500	100	42	6.09	1.72	1. 4314
360	Deco Roadway Rectangular	9,500	100	47	12.53	1.72	1. 2628
365	Deco Roadway Rectangular	27,500	250	108	11.89	1.72	2. 9993
366	Deco Roadway Rectangular	50,000	400	168	12.00	1.76	4. 5456
370	Deco Roadway Round	27,500	250	108	15.41	1.72	2. 9993
375	Deco Roadway Round	50,000	400	168	15.42	1.76	4. 5456
380	Deco Post Top – Ocala	9,500	100	49	8.78	1.72	1. 3233
381	Deco Post Top	9,500	100	49	4.05	1.72	1. 3233
383	Deco Post Top-Biscayne	9,500	100	49	14.17	1.72	1. 3233
385	Deco Post Top – Sebring	9,500	100	49	6.75	1.72	1. 3233
393	Deco Post Top	4,000	50	21	8.72	2.04	0. 5657
394	Deco Post Top	9,500	100	49	18.16	1.72	1. 3233

(Continued on Page No. 3)



6 2811

SECTION NO. VI

~~TWELFTH-THIRTEENTH~~ REVISED SHEET NO. 6.2811

CANCELS ~~ELEVENTH-TWELFTH~~ REVISED SHEET NO.

RATE SCHEDULE LS-1
LIGHTING SERVICE

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Metal Halide: ¹							
307	Deco Post Top-MH San bel P	11,600	150	65	\$16.85	\$2.68	\$1. 7576
308	Clermont Tear Drop P	11,600	150	65	19.91	2.68	1. 7576
309	MH Deco Rectangular P	36,000	320	126	13.07	2.74	3. 3842
311	MH Deco Cube P	36,000	320	126	15.98	2.74	3. 3842
312	MH Flood P	36,000	320	126	10.55	2.74	3. 3842
319	MH Post Top Biscayne P	11,600	150	65	15.24	2.68	1. 7576
327	Deco Post Top-MH San bel	12,000	175	74	18.39	2.72	4. 992.01
349	Clermont Tear Drop	12,000	175	74	21.73	2.72	4. 992.01
371	MH Deco Rectangular	38,000	400	159	14.26	2.84	4. 2732
372	MH Deco Circular	38,000	400	159	16.70	2.84	4. 2732
373	MH Deco Rectangular ⁵	110,000	1,000	378	15.30	2.96	10. 4526
386	MH Flood ⁵	110,000	1,000	378	13.17	2.96	10. 4526
389	MH Flood-Sportslighter ⁵	110,000	1,000	378	13.01	2.96	10. 4526
390	MH Deco Cube	38,000	400	159	17.44	2.84	4. 2732
396	Deco PT MH San bel Dual ⁵	24,000	350	148	33.73	5.43	3. 984.02
397	MH Post Top-Biscayne	12,000	175	74	14.98	2.72	4. 992.01
398	MH Deco Cube ⁵	110,000	1,000	378	20.34	2.96	10. 4526
399	MH Flood	38,000	400	159	11.51	2.84	4. 2732
Light Emitting Diode (LED):							
106	Underground San bel	5,500	70	25	\$20.80	\$1.39	\$0. 6768
107	Underground Traditional Open	3,908	49	17	13.57	1.39	0.46
108	Underground Traditional w/Lens	3,230	49	17	13.57	1.39	0.46
109	Underground Acorn	4,332	70	25	20.16	1.39	0. 6768
111	Underground Mini Bell	2,889	50	18	17.88	1.39	0. 4849
121	Shoebox Bronze III	21,164	213	75	20.42	1.39	2. 0404
122	Shoebox Bronze IV	20,555	213	75	20.42	1.39	2. 0404
123	Shoebox Bronze V	21,803	213	75	20.42	1.39	2. 0404
124	Shoebox Black III	21,164	213	75	20.42	1.39	2. 0404
126	Shoebox Black IV FWT	20,555	213	75	20.42	1.39	2. 0404
127	Shoebox Black V	21,803	213	75	20.42	1.39	2. 0404
130	Monticello 3000 Kelvin	4,430	50	17.5	20.16	1.39	0. 4748
133	ATBO Roadway	4,521	48	17	6.22	1.39	0.46
134	Underground ATBO Roadway	4,521	48	17	7.71	1.39	0.46
136	Roadway	9,233	108	38	7.05	1.39	1. 0203
137	Underground Roadway	9,233	108	38	8.55	1.39	1. 0203
138, 176	Roadway	18,642	216	76	11.61	1.39	2. 0406
139	Underground Roadway	18,642	216	76	13.11	1.39	2. 0406
141, 177	Roadway	24,191	284	99	14.08	1.39	2. 6669
142, 162	Underground Roadway	24,191	284	99	15.58	1.39	2. 6669
147, 174	Roadway	12,642	150	53	9.74	1.39	1. 4244
148	Underground Roadway	12,642	150	53	11.24	1.39	1. 4244
151	ATBS Roadway	4,500	49	17	5.07	1.39	0.46
156	Shoebox Bronze IV FWT	39,078	421	147	29.20	1.39	3. 9599
157	Shoebox Bronze V	43,317	421	147	29.20	1.39	3. 9599
158	Shoebox Black IV FWT	39,078	421	147	29.20	1.39	3. 9599
159	Shoebox Black V	43,317	421	147	29.20	1.39	3. 9599
163	Shoebox Pedestrian Bronze	3,130	50	17	12.91	1.39	0.46
164	Shoebox Pedestrian Black	3,130	50	17	14.05	1.39	0.46
167	Underground Mitchell	5,186	50	18	21.44	1.39	0. 4849
168	Underground Mitchell w/Top Hat	4,336	50	18	21.44	1.39	0. 4849

(Continued from Page No. 2)

I. Fixtures: (Continued)

(Continued on Page No. 4)



RATE SCHEDULE LS-1
 LIGHTING SERVICE
 (Continued from Page No. 3)

I. Fixtures: (Continued)

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Light Emitting Diode (LED):							
Continued							
169	Teardrop	8,472	150	52	28.54	1.39	1.40-41
181	Sanibel	10,820	150	52	21.31	1.39	1.40-41
182	Biscayne	4,655	60	21	19.11	1.39	0.56-57
183	Clermont	15,375	150	52	29.28	1.39	1.40-41
184	ATBS Roadway, Overhead Feed	4,195	40	14	4.57	1.39	0.38
185	ATBS Roadway, Underground Feed	4,195	40	14	6.06	1.39	0.38
186	ATBS Roadway, Overhead Feed	8,200	70	24	5.35	1.39	0.64-65
187	ATBS Roadway, Underground Feed	8,200	70	24	6.85	1.39	0.64-65
191	Flood Overhead Feed	13,729	130	46	10.57	1.39	1.24-25
192	Flood Overhead Feed	30,238	260	91	16.86	1.39	2.44-47
193	Clermont	7,451	50	18	26.91	1.39	0.48-49
194	Flood Underground Feed	13,729	130	46	12.06	1.39	1.24-25
195	LED Flood Underground Feed	30,238	260	91	18.35	1.39	2.44-47
196	Amber Roadway Overhead	4,133	70	25	11.28	1.39	0.67-68
197	Amber Roadway Underground	4,133	70	25	12.77	1.39	0.67-68
198	Amber Roadway Overhead	5,408	110	39	13.55	1.39	1.96-06
199	Amber Roadway Underground	5,408	110	39	15.04	1.39	1.96-06
361	Roadway ¹	6,000	95	33	16.93	2.43	0.89-90
362	Roadway ¹	9,600	157	55	20.07	2.43	1.48-49
363	Shoebox Type 3 ¹	20,664	309	108	41.08	2.84	2.90-93
364	Shoebox Type 4 ¹	14,421	206	72	32.59	2.84	1.93-95
367	Shoebox Type 5 ¹	14,421	206	72	31.65	2.84	1.93-95
369	Underground Biscayne	6,500	80	28	18.60	1.39	0.75-76

(Continued on Page No. 5)



**RATE SCHEDULE SS-1
 FIRM STANDBY SERVICE**
 (Continued from Page No. 2)

Determination of Specified Standby Capacity:

1. Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
2. Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 434.43 <u>132.51</u>
Primary Metering Voltage:	\$ 306.84 <u>310.06</u>
Transmission Metering Voltage:	\$ 4,057.47 <u>1,068.28</u>

Note: Where the Customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$~~406.73~~106.84.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

\$~~2.50~~2.52 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

1. \$~~1.398~~1.413 per kW times the Specified Standby Capacity or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$~~0.665~~0.672 kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

C. Energy Charges

Non-Fuel Energy Charge: ~~4.238~~1.251¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

(Continued on Page No. 4)



**RATE SCHEDULE SS-1
 FIRM STANDBY SERVICE**
 (Continued from Page No. 3)

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

D. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

E. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Non-Fuel Energy Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

F. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

G. Asset Securitization Charge Factor: See Sheet No. 6.105

H. Gross Receipts Tax Factor: See Sheet No. 6.106

I. Right-of-Way Utilization Fee: See Sheet No. 6.106

J. Municipal Tax: See Sheet No. 6.106

K. Sales Tax: See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 3 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by ~~\$4.28~~\$1.30 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March, Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October, Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

(Continued on Page No. 5)



**RATE SCHEDULE SS-2
 INTERRUPTIBLE STANDBY SERVICE**
 (Continued from Page No. 2)

Determination of Specified Standby Capacity:

- Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
- Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
- The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 330.95 <u>334.43</u>
Primary Metering Voltage:	\$ 478.04 <u>483.04</u>
Transmission Metering Voltage:	\$ 1,405.99 <u>1,117.61</u>

Note: Where the customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be ~~\$309.67~~312.93.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

~~\$2.49~~2.51 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a Customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

- ~~\$1.39~~1.41 per kW times the Specified Standby Capacity or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times ~~\$0.66~~0.67 kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

C. Interruptible Capacity Credit:

The credit shall be the greater of:

- \$1.17 per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.557/kW times the appropriate Billing Month Factor shown in part 3.B. above.

D. Energy Charges:

Non-Fuel Energy Charge: ~~4.22~~1.24¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

E. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

(Continued on Page No. 4)



**RATE SCHEDULE SS-2
 INTERRUPTIBLE STANDBY SERVICE**
 (Continued from Page No. 3)

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

F. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

G. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

H. Asset Securitization Charge Factor:

See Sheet No. 6.105

I. Gross Receipts Tax Factor:

See Sheet No. 6.106

J. Right-of-Way Utilization Fee:

See Sheet No. 6.106

K. Municipal Tax:

See Sheet No. 6.106

L. Sales Tax:

See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 4 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by ~~\$4.271.29~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at company-designated locations.

Term of Service:

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

Special Provisions:

- 1. When the customer increases the electrical load, which increase requires the Company to increase facilities installed for the specific use of the customer, a new Term of Service may be required under this rate at the option of the Company.
- 2. Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required interruptible equipment will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.

(Continued on Page No. 5)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January~~February 1, 2021



**RATE SCHEDULE SS-3
CURTAILABLE STANDBY SERVICE**
(Continued from Page No. 2)

Determination of Specified Standby Capacity:

- Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
- Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
- The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 409.75 <u>110.90</u>
Primary Metering Voltage:	\$ 266.84 <u>259.51</u>
Transmission Metering Voltage:	\$ 884.80 <u>894.10</u>

Note: Where the customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be ~~\$88.48~~89.41.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

~~\$2.49~~2.51 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

- ~~\$4.39~~61.411 per kW times the Specified Standby Capacity or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times ~~\$0.66~~40.671/kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

C. Curtailable Capacity Credit:

The credit shall be the greater of:

- \$0.877 per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.418/kW times the appropriate Billing Month Factor shown in part 3.B. above.

D. Energy Charges:

Non-Fuel Energy Charge: ~~4.228~~1.241¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis listed in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

E. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

(Continued on Page No. 4)



**RATE SCHEDULE SS-3
 CURTAILABLE STANDBY SERVICE
 (Continued from Page No. 3)**

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

F. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

G. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

H. Asset Securitization Charge Factor:

See Sheet No. 6.105

I. Gross Receipts Tax Factor:

See Sheet No. 6.106

J. Right-of-Way Utilization Fee:

See Sheet No. 6.106

K. Municipal Tax:

See Sheet No. 6.106

L. Sales Tax:

See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by ~~\$1.271.29~~ per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

Term of Service:

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

(Continued on Page No. 5)

EXHIBIT B

Clean Copy Format Tariffs (1 Copy)

Thirty-Ninth Revised Sheet No. 6.120
Forty-First Revised Sheet No. 6.130
Twenty-Seventh Revised Sheet No. 6.135
Fourteenth Revised Sheet No. 6.350
Thirty-Third Revised Sheet No. 6.140
Fortieth Revised Sheet No. 6.150
Thirty-Sixth Revised Sheet No. 6.160
Thirty-Ninth Revised Sheet No. 6.165
Thirty-Sixth Revised Sheet No. 6.170
Thirty-Seventh Revised Sheet No. 6.180
Forty-First Revised Sheet No. 6.230
Twenty-Sixth Revised Sheet No. 6.235
Twenty-Third Revised Sheet No. 6.2390
Fortieth Revised Sheet No. 6.240
Twenty-Fifth Revised Sheet No. 6.245
Twenty-Third Revised Sheet No. 6.2490
Forty-First Revised Sheet No. 6.250
Twenty-Seventh Revised Sheet No. 6.255
Forty-First Revised Sheet No. 6.260
Twenty-Sixth Revised Sheet No. 6.265
Thirty-Eighth Revised Sheet No. 6.280
Thirty-Third Revised Sheet No. 6.281
Thirteenth Revised Sheet No. 6.2811
Third Revised Sheet No. 6.2812
Twenty-Ninth Revised Sheet No. 6.312
Twenty-Eighth Revised Sheet No. 6.313
Thirty-Third Revised Sheet No. 6.317
Twenty-Seventh Revised Sheet No. 6.318
Twenty-Ninth Revised Sheet No. 6.322
Twenty-Fourth Revised Sheet No. 6.323



**RATE SCHEDULE RS-1
 RESIDENTIAL SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To residential customers in a single dwelling house, a mobile home, or individually metered single apartment unit or other unit having housekeeping facilities, occupied by one family or household as a residence. The premises of such single dwelling may include an additional apartment with separate housekeeping facilities, as well as a garage and other separate structures where they are occupied or used solely by the members or servants of such family or household. Also, for energy used in commonly-owned facilities in condominium and cooperative apartment buildings subject to the following criteria:

1. 100% of the energy is used exclusively for the co-owner's benefit.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. Each point of delivery is separately metered and billed.
4. A responsible legal entity is established as the customer to whom the Company can render its bill(s) for said service.

Character of Service:

Continuous service, alternating current, 60 cycles per second, single-phase or three-phase, at the Company's standard available distribution voltage. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ 11.52

Demand and Energy Charges:

Non-Fuel Energy Charges:

First 1,000 kWh	6.337¢ per kWh
All additional kWh	8.070¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)



**RATE SCHEDULE RSL-1
 RESIDENTIAL LOAD MANAGEMENT**

Availability:

Available only within the range of the Company's Load Management System.
 Available to customers whose premises have active load management devices installed prior to June 30, 2007.
 Available to customers whose premises have load management devices installed after June 30, 2007 that have and are willing to submit to load control of, at a minimum, central electric cooling and heating systems.

Applicable:

To customers eligible for Residential Service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh (based on the most recent 12 months, or, where not available, a projection for 12 months), and utilizing any of the following electrical equipment:

- | | |
|------------------------------------|------------------------------------|
| 1. Water Heater | 3. Central Electric Cooling System |
| 2. Central Electric Heating System | 4. Swimming Pool Pump |

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the customer's premises.

For new service requests after June 30, 2007 customers with a central electric heating system that is a heat pump will be installed on Interruption Schedule S. All other new service requests will be installed on Interruption Schedule B. Interruption Schedule C shall be at the option of the customer.

For new service requests after April 1, 1995, and before June 30, 2007, customers who select the swimming pool pump schedule must also select at least one other schedule.

An installation of an alternative thermal storage heating system under Special Provision No. 7 of this rate schedule is not available after April 1, 1995.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ 11.52

Energy and Demand Charges:

Non-Fuel Energy Charges:

First 1,000 kWh	6.337¢ per kWh
All additional kWh	8.070¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

Load Management Monthly Credit Amounts:^{1,2}

Interruptible Equipment

	<u>Interruption Schedule</u>				
	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>S</u>
Water Heater	-	-	\$3.50	-	-
Central Heating System ³	\$2.00	\$8.00	-	-	\$8.00
Central Heating System w/Thermal Storage ³	-	-	-	\$8.00	-
Central Cooling System ⁴	\$1.00	\$5.00	-	-	\$5.00
Swimming Pool Pump	-	-	\$2.50	-	-

(Continued on Page No. 2)



**RATE SCHEDULE RSL-2
 RESIDENTIAL LOAD MANAGEMENT – WINTER ONLY**

Availability:

Available only within the range of the Company's Load Management System.

Applicable:

To customers eligible for Residential Service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh for the months of November through March (based on the most recent billings, where not available, a projection for those months) and utilizing **both** electric water heater and central electric heating systems.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the customer's premises.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge: \$ 11.52

Energy and Demand Charges:

Non-Fuel Energy Charges:

First 1,000 kWh	6.337¢ per kWh
All additional kWh	8.070¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

Load Management Credit Amount:¹

<u>Interruptible Equipment</u>	<u>Monthly Credit²</u>
Water Heater and Central Heating System	\$11.50

Notes: (1) Load management credit shall not exceed 40% of the Non-Fuel Energy Charge associated with kWh billed in excess of 600 kWh/month.
 (2) For billing months of November through March only.

Appliance Interruption Schedule:

Heating	Equipment interruptions to achieve an effective equipment duty cycle of approximately 45% during control periods within the Company's designated Peak Periods. Heat pump back-up strip may be interrupted continuously, not to exceed 300 minutes, during the Company's designated Peak. When the heat pump back-up strip is being interrupted, the heat pump will not be interrupted.
Water Heater	Equipment may be interrupted continuously, not to exceed 300 minutes, and during the Company's designated Peak Periods.

(Continued on Page No. 2)



**RATE SCHEDULE RSS-1
RESIDENTIAL SEASONAL SERVICE RIDER**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To customers receiving residential service under Rate Schedule RS-1, RSL-1 or RSL-2 that meet the special provisions of this schedule.

Rate Per Month:

Other than as stated below, the otherwise applicable rate schedule for electric service will apply.

Standard Customer Charge	\$ 11.52
Seasonal Customer Charge	\$ 6.04

Seasonal Billing Periods:

The billing months of March through October.

Special Provisions:

1. To qualify for service under this rider, the customer's premise must be occupied each year during a portion of the billing months of November through February and must not be occupied at least three months during the billing months of March through October.
2. The maximum allowable consumption for a seasonal billing period is 210 kWh. However, if the seasonal billing period exceeds 30 days, the maximum allowable consumption is increased by seven (7) kWh per day.
3. If kWh usage during the seasonal billing period is less than or equal to the maximum allowable consumption for the billing period, the seasonal customer charge will apply. For non-seasonal billing months and those seasonal billing months that exceed the allowed maximum allowable consumption, the standard customer charge will apply.
4. All other provisions of the otherwise applicable rate schedule will apply to customers served under this schedule.



**RATE SCHEDULE RST-1
 RESIDENTIAL SERVICE
 OPTIONAL TIME OF USE RATE
 (Closed to New Customers as of 02/10/10)**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of residential customers otherwise eligible for service under Rate Schedule RS-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Rate Per Month:

Customer Charge: \$ 21.30

Energy and Demand Charges:

Non-Fuel Energy Charges: 19.567¢ per On-Peak kWh
 1.086¢ per Off-Peak kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Rating Periods:

(a) On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday *: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

(Continued on Page No. 2)



**RATE SCHEDULE GS-1
 GENERAL SERVICE – NON-DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Unmetered Account:	\$ 8.62
Secondary Metering Voltage:	\$ 15.25
Primary Metering Voltage:	\$ 192.81
Transmission Metering Voltage:	\$ 951.04

Energy and Demand Charges:

Non-Fuel Energy Charge: 6.882¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by 0.940¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above standard distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy Charge hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)



**RATE SCHEDULE GST-1
 GENERAL SERVICE – NON-DEMAND
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of non-residential customers otherwise eligible for service under Rate Schedule GS-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 25.01
Primary Metering Voltage:	\$ 202.60
Transmission Metering Voltage:	\$ 960.80

Energy and Demand Charge:

Non-Fuel Energy Charge:	19.535¢ per On-Peak kWh 1.059¢ per Off-Peak kWh
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Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Charges included in the Rate per Month section of this rate schedule shall be increased by 0.940¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
Monday through Friday *: 6:00 a.m. to 10:00 a.m. and
6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)



**RATE SCHEDULE GS-2
 GENERAL SERVICE – NON-DEMAND
 100% LOAD FACTOR USAGE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, with fixed wattage loads operating continuously throughout the billing period (such as traffic signals, cable TV amplifiers and gas transmission substations).

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Unmetered Account:	\$ 8.62
Metered Account:	\$ 15.25

Energy and Demand Charges:

Non-Fuel Energy Charge:	2.610¢ per kWh
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Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by 0.190¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Asset Securitization Charge Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)



**RATE SCHEDULE GSD-1
GENERAL SERVICE - DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable with a measured annual kWh consumption of 24,000 kWh or greater per year.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 15.25
Primary Metering Voltage:	\$ 192.81
Transmission Metering Voltage:	\$ 951.04

Demand Charge:

\$ 6.44 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Energy Charge:

Non-Fuel Energy Charge: 2.874¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
in Rate Schedule BA-1, *Billing Adjustments*,
except for the Fuel Cost Recovery Factor and
Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period.

(Continued on Page No. 2)



**RATE SCHEDULE GSDT-1
 GENERAL SERVICE - DEMAND
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of the customer, otherwise eligible for service under Rate Schedule GSD-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 25.01
Primary Metering Voltage:	\$ 202.60
Transmission Metering Voltage:	\$ 960.80

Demand Charges:

Base Demand Charge:	\$ 1.60 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 4.78 per kW of On-Peak Demand

Energy Charges:

Non-Fuel Energy Charge:	6.255¢ per On-Peak kWh 1.048¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CS-1
 CURTAILABLE GENERAL SERVICE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the customer agrees during a period of requested curtailment to curtail as a minimum the greater of: (a) 25 kW or (b) 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charge:

\$ 10.34 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Curtailable Demand Credit:

\$ 5.03 per kW of Curtailable Demand

Energy Charge:

Non-Fuel Energy Charge: 1.888¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CS-2
 CURTAILABLE GENERAL SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the billing demand is 500 kW or more, and where the customer agrees to curtail 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charge:

\$ 10.34 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Curtailable Demand Credit:

\$ 8.77 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge: 1.888¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CS-3
 CURTAILABLE GENERAL SERVICE – FIXED CURTAILABLE DEMAND**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where the billing demand is 2,000 kW or more (based on most recent twelve (12) months or, where not available, projected billing demand for twelve (12) months), and where the customer agrees to curtail its demand by a fixed contractual amount of not less than 2,000 kW upon request of the Company in accordance with the provisions of this rate schedule.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. Service under this rate schedule is not subject to curtailment for economic reasons. The Company will not make off-system purchases during such curtailment periods to maintain service hereunder except as set forth in Special Provision No. 6 below. Service under this rate is subject to the "General Rules and Regulations Governing Electric Service" contained in Section IV of the Company's currently effective and filed retail tariff.

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charge: \$ 10.34 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

Curtable Demand Credit: \$ 8.77 per kW of Fixed Curtable Demand

Energy Charge:

Non-Fuel Energy Charge: 1.888¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where the customer receives Premium Distribution Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer, including, all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period, but not less than 2,000 kW.

Delivery Voltage Credit:

When a customer takes service under this rate schedule at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$1.19 per kW of Billing Demand
For Transmission Delivery Voltage:	\$5.95 per kW of Billing Demand

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: February 1, 2021



**RATE SCHEDULE CST-1
 CURTAILABLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule CS-1, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Curtailable Service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charges:

Base Demand Charge:	\$ 1.55 per kW of Base Demand
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Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

On-Peak Demand Charge:	\$ 8.72 per kW of On-Peak Demand
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Curtailable Demand Credit:	\$ 5.03 per kW of Curtailable Demand
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Energy Charge:

Non-Fuel Energy Charge:	3.466¢ per On-Peak kWh 1.042¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CST-2
 CURTAILABLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule CS-2, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charges:

Base Demand Charge:	\$ 1.55 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 8.72 per kW of On-Peak Demand
Curtailable Demand Credit:	\$ 8.77 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge:	3.466¢ per On-Peak kWh 1.042¢ per Off-Peak kWh
Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, <i>Billing Adjustments</i> , except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:	See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CST-3
CURTAILABLE GENERAL SERVICE – FIXED CURTAILABLE DEMAND
OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer otherwise eligible for service under Rate Schedule CS-3, provided that all of the electric load requirements on the customer's premises are metered through one point of delivery.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments, or b) supply emergency interchange service to another utility for its firm load obligations only. Service under this rate schedule is not subject to curtailment for economic reasons. The Company will not make off-system purchases during such curtailment periods to maintain service hereunder except as set forth in Special Provision No. 6 below.

Service under this rate is subject to the "General Rules and Regulations Governing Electric Service" contained in Section IV of the Company's currently effective and filed retail tariff.

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 83.65
Primary Metering Voltage:	\$ 232.25
Transmission Metering Voltage:	\$ 866.82

Demand Charges:

Base Demand Charge:	\$ 1.55 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 8.72 per kW of On-Peak Demand

Curtable Demand Credit:

\$ 8.77 per kW of Fixed Curtable Demand

Energy Charge:

Non-Fuel Energy Charge:	3.466¢ per On-Peak kWh 1.042¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where the customer receives Premium Distribution Service, the customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including, all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

For the calendar months of November through March, Monday through Friday*:	6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
For the calendar months of April through October, Monday through Friday*:	12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the following Monday shall be excluded from the On-Peak Periods.

Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

(Continued on Page No. 2)



**RATE SCHEDULE IS-1
 INTERRUPTIBLE GENERAL SERVICE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer, other than residential, for light and power purposes where service may be interrupted by the Company.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 307.15
Primary Metering Voltage:	\$ 455.77
Transmission Metering Voltage:	\$ 1,090.36

Demand Charge:

\$ 8.76 per kW of Billing Demand

Plus the Cost Recovery Factors on a \$/ kW basis
 in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

Interruptible Demand Credit:

\$ 6.71 per kW of Billing Demand

Energy Charge:

Non-Fuel Energy Charge: 1.265¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis
 in Rate Schedule BA-1, *Billing Adjustments*,
 except for the Fuel Cost Recovery Factor and
 Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period.

Delivery Voltage Credit:

When a customer takes service under this rate schedule at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$1.19 per kW of Billing Demand
For Transmission Delivery Voltage:	\$5.95 per kW of Billing Demand

(Continued on Page No. 2)



**RATE SCHEDULE IS-2
 INTERRUPTIBLE GENERAL SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicability:

Applicable to customers, other than residential, for light and power purposes where the billing demand is 500 kW or more, and where service may be interrupted by the Company. For customer accounts established under this rate schedule after June 3, 2003, service is limited to premises at which an interruption of electric service will primarily affect only the customer, its employees, agents, lessees, tenants or business guests, and will not significantly affect members of the general public, nor interfere with functions performed for the protection of public health or safety. Examples of premises at which service under this rate schedule may not be provided, unless adequate on-site backup generation is available, include, but are not limited to: retail businesses, offices, and governmental facilities open to members of the general public, stores, hotels, motels, convention centers, theme parks, schools, hospitals and health care facilities, designated public shelters, detention and correctional facilities, police and fire stations, and other similar facilities.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency Interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 307.15
Primary Metering Voltage:	\$ 455.77
Transmission Metering Voltage:	\$ 1,090.36

Demand Charge:

\$ 8.76 per kW of Billing Demand	
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106

Interruptible Demand Credit:

\$ 11.70 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge:	1.265¢ per kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Determination of Billing Demand:

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period, but not less than 500 kW.

Determination of Load Factor Adjusted Demand:

The Load Factor Adjusted Demand shall be the product of the maximum 30-minute kW demand established during the current billing period and the customer's billing load factor (ratio of billing kWh to maximum 30-minute kW demand times the number of hours in the billing period).

Delivery Voltage Credit:

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$1.19 per kW of Billing Demand
For Transmission Delivery Voltage:	\$5.95 per kW of Billing Demand

(Continued on Page No. 2)



**RATE SCHEDULE IST-1
 INTERRUPTIBLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**
 (Closed to New Customers as of 04/16/96)

Availability:

Available throughout the entire territory served by the Company.

Applicable:

At the option of customers otherwise eligible for service under Rate Schedule IS-1, provided that the total electric load requirements at each point of delivery are measured through one meter.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 307.15
Primary Metering Voltage:	\$ 455.77
Transmission Metering Voltage:	\$ 1,090.36

Demand Charge:

Base Demand Charge:	\$ 1.39 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106

On-Peak Demand Charge: \$ 7.65 per kW of On-Peak Demand

Interruptible Demand Credit: \$ 6.71 per kW of On-Peak Demand

Energy Charge:

Non-Fuel Energy Charge:	1.771¢ per On-Peak kWh 1.034¢ per Off-Peak kWh
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Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March, Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October, Monday through Friday*: 12:00 Noon to 9:00 p.m.

(Continued on Page No. 2)



**RATE SCHEDULE IST-2
 INTERRUPTIBLE GENERAL SERVICE
 OPTIONAL TIME OF USE RATE**

Availability:

Available throughout the entire territory served by the Company.

Applicability:

At the option of the customer, applicable to customers otherwise eligible for service under Rate Schedule IS-2, where the billing demand is 500 kW or more, provided that the total electric requirements at each point of delivery are measured through one meter. For customer accounts established under this rate schedule after June 3, 2003, service is limited to premises at which an interruption of electric service will primarily affect only the customer, its employees, agents, lessees, tenants, or business guests, and will not significantly affect members of the general public, nor interfere with functions performed for the protection of public health or safety. Examples of premises at which service under this rate schedule may not be provided, unless adequate on-site backup generation is available, include, but are not limited to: retail businesses, offices, and governmental facilities open to members of the general public, stores, hotels, motels, convention centers, theme parks, schools, hospitals and health care facilities, designated public shelters, detention and correctional facilities, police and fire stations, and other similar facilities.

Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments, or b) supply emergency interchange service to another utility for its firm load obligations only. The Company will not make off-system purchases during periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

Rate Per Month:

Customer Charge:

Secondary Metering Voltage:	\$ 307.15
Primary Metering Voltage:	\$ 455.77
Transmission Metering Voltage:	\$ 1,090.36

Demand Charge:

Base Demand Charge:	\$ 1.39 per kW of Base Demand
Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, <i>Billing Adjustments</i> :	See Sheet No. 6.105 and 6.106
On-Peak Demand Charge:	\$ 7.65 per kW of On-Peak Demand
Interruptible Demand Credit:	\$ 11.70 per kW of Load Factor Adjusted Demand

Energy Charge:

Non-Fuel Energy Charge:	1.771¢ per On-Peak kWh
	1.034¢ per Off-Peak kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit. In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.39 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: February 1, 2021



**RATE SCHEDULE LS-1
 LIGHTING SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer for the sole purpose of lighting roadways or other outdoor land use areas; served from either Company or customer owned fixtures of the type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Character of Service:

Continuous dusk to dawn automatically controlled lighting service (i.e. photoelectric cell); alternating current, 60 cycle, single phase, at the Company's standard voltage available.

Limitation of Service:

Availability of certain fixture or pole types at a location may be restricted due to accessibility.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Rate Per Month:

Customer Charge:

Unmetered: \$ 1.56 per line of billing
 Metered: \$ 4.49 per line of billing

Energy and Demand Charge:

Non-Fuel Energy Charge: 2.715¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Per Unit Charges:

I. Fixtures:

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Incandescent: ¹							
110	Roadway	1,000	105	32	\$1.03	\$4.07	\$0.87
115	Roadway	2,500	205	66	1.61	3.67	1.79
170	Post Top	2,500	205	72	20.39	3.67	1.95
Mercury Vapor: ¹							
205	Open Bottom	4,000	100	44	\$2.55	\$1.80	\$1.19
210	Roadway	4,000	100	44	2.95	1.80	1.19
215	Post Top	4,000	100	44	3.47	1.80	1.19
220	Roadway	8,000	175	71	3.34	1.77	1.93
225	Open Bottom	8,000	175	71	2.50	1.77	1.93
235	Roadway	21,000	400	158	4.04	1.81	4.29
240	Roadway	62,000	1,000	386	5.29	1.78	10.48
245	Flood	21,000	400	158	5.29	1.81	4.29
250	Flood	62,000	1,000	386	6.20	1.78	10.48

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Vice President, Rates & Regulatory Strategy – FL

EFFECTIVE: February 1, 2021



**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. 1)

I. Fixtures: (Continued)

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Sodium Vapor: ¹							
300	HPS Deco Rdwy White	50,000	400	168	\$14.73	\$1.61	\$4.56
301	Sandpiper HPS Deco Roadway	27,500	250	104	13.81	1.72	2.82
302	Sandpiper HPS Deco Rdwy B k	9,500	100	42	14.73	1.58	1.14
305	Open Bottom	4,000	50	21	2.54	2.04	0.57
310	Roadway	4,000	50	21	3.12	2.04	0.57
313	Open Bottom	6,500	70	29	4.19	2.05	0.79
314	Hometown II	9,500	100	42	4.08	1.72	1.14
315	Post Top - Colonial/Contemp	4,000	50	21	5.04	2.04	0.57
316	Colonial Post Top	4,000	50	34	4.05	2.04	0.92
318	Post Top	9,500	100	42	2.50	1.72	1.14
320	Roadway-Overhead Only	9,500	100	42	3.64	1.72	1.14
321	Deco Post Top - Monticello	9,500	100	49	12.17	1.72	1.33
322	Deco Post Top - Flagler	9,500	100	49	16.48	1.72	1.33
323	Roadway-Overhead OH Only	9,500	100	42	4.32	1.72	1.14
325	Roadway-Overhead Only	16,000	150	65	3.78	1.75	1.76
326	Deco Post Top – Sanibel	9,500	100	49	18.16	1.72	1.33
330	Roadway-Overhead Only	22,000	200	87	3.64	1.83	2.36
335	Roadway-Overhead Only	27,500	250	104	4.16	1.72	2.82
336	Roadway-Bridge	27,500	250	104	6.74	1.72	2.82
337	Roadway-DOT	27,500	250	104	5.87	1.72	2.82
338	Deco Roadway–Maitland	27,500	250	104	9.62	1.72	2.82
340	Roadway-Turtle OH Only	50,000	400	169	5.03	1.76	4.59
341	HPS Flood-City of Sebring only	16,000	150	65	4.06	1.75	1.76
342	Roadway-Turnpike	50,000	400	168	8.95	1.76	4.56
343	Roadway-Turnpike	27,500	250	108	9.12	1.72	2.93
345	Flood-Overhead Only	27,500	250	103	5.21	1.72	2.80
347	Clermont	9,500	100	49	20.65	1.72	1.33
348	Clermont	27,500	250	104	22.65	1.72	2.82
350	Flood-Overhead Only	50,000	400	170	5.19	1.76	4.62
351	Underground Roadway	9,500	100	42	6.22	1.72	1.14
352	Underground Roadway	16,000	150	65	7.58	1.75	1.76
354	Underground Roadway	27,500	250	108	8.10	1.72	2.93
356	Underground Roadway	50,000	400	168	8.69	1.76	4.56
357	Underground Flood	27,500	250	108	9.36	1.72	2.93
358	Underground Flood	50,000	400	168	9.49	1.76	4.56
359	Underground Turtle Roadway	9,500	100	42	6.09	1.72	1.14
360	Deco Roadway Rectangular	9,500	100	47	12.53	1.72	1.28
365	Deco Roadway Rectangular	27,500	250	108	11.89	1.72	2.93
366	Deco Roadway Rectangular	50,000	400	168	12.00	1.76	4.56
370	Deco Roadway Round	27,500	250	108	15.41	1.72	2.93
375	Deco Roadway Round	50,000	400	168	15.42	1.76	4.56
380	Deco Post Top – Ocala	9,500	100	49	8.78	1.72	1.33
381	Deco Post Top	9,500	100	49	4.05	1.72	1.33
383	Deco Post Top-Biscayne	9,500	100	49	14.17	1.72	1.33
385	Deco Post Top – Sebring	9,500	100	49	6.75	1.72	1.33
393	Deco Post Top	4,000	50	21	8.72	2.04	0.57
394	Deco Post Top	9,500	100	49	18.16	1.72	1.33

(Continued on Page No. 3)



**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. 2)

I. Fixtures: (Continued)

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Metal Halide: ¹							
307	Deco Post Top-MH San bel P	11,600	150	65	\$16.85	\$2.68	\$1.76
308	Clermont Tear Drop P	11,600	150	65	19.91	2.68	1.76
309	MH Deco Rectangular P	36,000	320	126	13.07	2.74	3.42
311	MH Deco Cube P	36,000	320	126	15.98	2.74	3.42
312	MH Flood P	36,000	320	126	10.55	2.74	3.42
319	MH Post Top Biscayne P	11,600	150	65	15.24	2.68	1.76
327	Deco Post Top-MH San bel	12,000	175	74	18.39	2.72	2.01
349	Clermont Tear Drop	12,000	175	74	21.73	2.72	2.01
371	MH Deco Rectangular	38,000	400	159	14.26	2.84	4.32
372	MH Deco Circular	38,000	400	159	16.70	2.84	4.32
373	MH Deco Rectangular ⁵	110,000	1,000	378	15.30	2.96	10.26
386	MH Flood ⁵	110,000	1,000	378	13.17	2.96	10.26
389	MH Flood-Sportslighter ⁵	110,000	1,000	378	13.01	2.96	10.26
390	MH Deco Cube	38,000	400	159	17.44	2.84	4.32
396	Deco PT MH San bel Dual ⁵	24,000	350	148	33.73	5.43	4.02
397	MH Post Top-Biscayne	12,000	175	74	14.98	2.72	2.01
398	MH Deco Cube ⁵	110,000	1,000	378	20.34	2.96	10.26
399	MH Flood	38,000	400	159	11.51	2.84	4.32
Light Emitting Diode (LED):							
106	Underground San bel	5,500	70	25	\$20.80	\$1.39	\$0.68
107	Underground Traditional Open	3,908	49	17	13.57	1.39	0.46
108	Underground Traditional w/Lens	3,230	49	17	13.57	1.39	0.46
109	Underground Acorn	4,332	70	25	20.16	1.39	0.68
111	Underground Mini Bell	2,889	50	18	17.88	1.39	0.49
121	Shoebox Bronze III	21,164	213	75	20.42	1.39	2.04
122	Shoebox Bronze IV	20,555	213	75	20.42	1.39	2.04
123	Shoebox Bronze V	21,803	213	75	20.42	1.39	2.04
124	Shoebox Black III	21,164	213	75	20.42	1.39	2.04
126	Shoebox Black IV FWT	20,555	213	75	20.42	1.39	2.04
127	Shoebox Black V	21,803	213	75	20.42	1.39	2.04
130	Monticello 3000 Kelvin	4,430	50	17.5	20.16	1.39	0.48
133	ATBO Roadway	4,521	48	17	6.22	1.39	0.46
134	Underground ATBO Roadway	4,521	48	17	7.71	1.39	0.46
136	Roadway	9,233	108	38	7.05	1.39	1.03
137	Underground Roadway	9,233	108	38	8.55	1.39	1.03
138, 176	Roadway	18,642	216	76	11.61	1.39	2.06
139	Underground Roadway	18,642	216	76	13.11	1.39	2.06
141, 177	Roadway	24,191	284	99	14.08	1.39	2.69
142, 162	Underground Roadway	24,191	284	99	15.58	1.39	2.69
147, 174	Roadway	12,642	150	53	9.74	1.39	1.44
148	Underground Roadway	12,642	150	53	11.24	1.39	1.44
151	ATBS Roadway	4,500	49	17	5.07	1.39	0.46
156	Shoebox Bronze IV FWT	39,078	421	147	29.20	1.39	3.99
157	Shoebox Bronze V	43,317	421	147	29.20	1.39	3.99
158	Shoebox Black IV FWT	39,078	421	147	29.20	1.39	3.99
159	Shoebox Black V	43,317	421	147	29.20	1.39	3.99
163	Shoebox Pedestrian Bronze	3,130	50	17	12.91	1.39	0.46
164	Shoebox Pedestrian Black	3,130	50	17	14.05	1.39	0.46
167	Underground Mitchell	5,186	50	18	21.44	1.39	0.49
168	Underground Mitchell w/Top Hat	4,336	50	18	21.44	1.39	0.49

(Continued on Page No. 4)



RATE SCHEDULE LS-1
 LIGHTING SERVICE
 (Continued from Page No. 3)

I. Fixtures: (Continued)

BILLING TYPE	DESCRIPTION	LAMP SIZE ²			CHARGES PER UNIT		
		INITIAL LUMENS OUTPUT	LAMP WATTAGE	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY ³
Light Emitting Diode (LED):							
Continued							
169	Teardrop	8,472	150	52	28.54	1.39	1.41
181	Sanibel	10,820	150	52	21.31	1.39	1.41
182	Biscayne	4,655	60	21	19.11	1.39	0.57
183	Clermont	15,375	150	52	29.28	1.39	1.41
184	ATBS Roadway, Overhead Feed	4,195	40	14	4.57	1.39	0.38
185	ATBS Roadway, Underground Feed	4,195	40	14	6.06	1.39	0.38
186	ATBS Roadway, Overhead Feed	8,200	70	24	5.35	1.39	0.65
187	ATBS Roadway, Underground Feed	8,200	70	24	6.85	1.39	0.65
191	Flood Overhead Feed	13,729	130	46	10.57	1.39	1.25
192	Flood Overhead Feed	30,238	260	91	16.86	1.39	2.47
193	Clermont	7,451	50	18	26.91	1.39	0.49
194	Flood Underground Feed	13,729	130	46	12.06	1.39	1.25
195	LED Flood Underground Feed	30,238	260	91	18.35	1.39	2.47
196	Amber Roadway Overhead	4,133	70	25	11.28	1.39	0.68
197	Amber Roadway Underground	4,133	70	25	12.77	1.39	0.68
198	Amber Roadway Overhead	5,408	110	39	13.55	1.39	1.06
199	Amber Roadway Underground	5,408	110	39	15.04	1.39	1.06
361	Roadway ¹	6,000	95	33	16.93	2.43	0.90
362	Roadway ¹	9,600	157	55	20.07	2.43	1.49
363	Shoebox Type 3 ¹	20,664	309	108	41.08	2.84	2.93
364	Shoebox Type 4 ¹	14,421	206	72	32.59	2.84	1.95
367	Shoebox Type 5 ¹	14,421	206	72	31.65	2.84	1.95
369	Underground Biscayne	6,500	80	28	18.60	1.39	0.76

(Continued on Page No. 5)



**RATE SCHEDULE SS-1
 FIRM STANDBY SERVICE**
 (Continued from Page No. 2)

Determination of Specified Standby Capacity:

1. Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
2. Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 132.51
Primary Metering Voltage:	\$ 310.06
Transmission Metering Voltage:	\$ 1,068.28

Note: Where the Customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$106.84.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

\$2.52 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

1. \$1.413 per kW times the Specified Standby Capacity or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.672kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

C. Energy Charges

Non-Fuel Energy Charge: 1.251¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

(Continued on Page No. 4)



**RATE SCHEDULE SS-1
 FIRM STANDBY SERVICE**
 (Continued from Page No. 3)

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

D. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

E. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Non-Fuel Energy Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

F. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

G. Asset Securitization Charge Factor: See Sheet No. 6.105

H. Gross Receipts Tax Factor: See Sheet No. 6.106

I. Right-of-Way Utilization Fee: See Sheet No. 6.106

J. Municipal Tax: See Sheet No. 6.106

K. Sales Tax: See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 3 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.30 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March, Monday through Friday*: 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October, Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

(Continued on Page No. 5)



**RATE SCHEDULE SS-2
 INTERRUPTIBLE STANDBY SERVICE**
 (Continued from Page No. 2)

Determination of Specified Standby Capacity:

1. Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
2. Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 334.43
Primary Metering Voltage:	\$ 483.04
Transmission Metering Voltage:	\$ 1,117.61

Note: Where the customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$312.93.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

\$2.51 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a Customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

1. \$1.411 per kW times the Specified Standby Capacity or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.671 kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis in Rate Schedule BA-1, *Billing Adjustments*:

See Sheet No. 6.105 and 6.106

C. Interruptible Capacity Credit:

The credit shall be the greater of:

1. \$1.17 per kW times the Specified Standby Capacity, or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.557/kW times the appropriate Billing Month Factor shown in part 3.B. above.

D. Energy Charges:

Non-Fuel Energy Charge: 1.241¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

E. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

(Continued on Page No. 4)



**RATE SCHEDULE SS-2
 INTERRUPTIBLE STANDBY SERVICE**
 (Continued from Page No. 3)

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

F. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

G. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

H. Asset Securitization Charge Factor:

See Sheet No. 6.105

I. Gross Receipts Tax Factor:

See Sheet No. 6.106

J. Right-of-Way Utilization Fee:

See Sheet No. 6.106

K. Municipal Tax:

See Sheet No. 6.106

L. Sales Tax:

See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 4 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.29 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at company-designated locations.

Term of Service:

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

Special Provisions:

- 1. When the customer increases the electrical load, which increase requires the Company to increase facilities installed for the specific use of the customer, a new Term of Service may be required under this rate at the option of the Company.
- 2. Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required interruptible equipment will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.

(Continued on Page No. 5)



**RATE SCHEDULE SS-3
 CURTAILABLE STANDBY SERVICE**
 (Continued from Page No. 2)

Determination of Specified Standby Capacity:

1. Initially, the customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
2. Where a bona fide change in the customer's standby capacity requirement occurs, the Company and the customer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

Rate Per Month:

1. Customer Charge:

Secondary Metering Voltage:	\$ 110.90
Primary Metering Voltage:	\$ 259.51
Transmission Metering Voltage:	\$ 894.10

Note: Where the customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$89.41.

2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

A. Distribution Capacity:

\$2.51 per kW times the Specified Standby Capacity.

Note: No charge is applicable to a customer who has provided all the facilities for interconnection to the Company's transmission system.

B. Generation & Transmission Capacity:

The charge shall be the greater of:

1. \$1.411 per kW times the Specified Standby Capacity or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.671/kW times the appropriate following monthly factor:

<u>Billing Month</u>	<u>Factor</u>
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

Plus the Cost Recovery Factors on a \$/ kW basis

in Rate Schedule BA-1, *Billing Adjustments*: See Sheet No. 6.105 and 6.106

C. Curtailable Capacity Credit:

The credit shall be the greater of:

1. \$0.877 per kW times the Specified Standby Capacity, or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.418/kW times the appropriate Billing Month Factor shown in part 3.B. above.

D. Energy Charges:

Non-Fuel Energy Charge: 1.241¢ per kWh

Plus the Cost Recovery Factors on a ¢/ kWh basis listed in Rate Schedule BA-1, *Billing Adjustments*, except for the Fuel Cost Recovery Factor and Asset Securitization Charge Factor:

See Sheet No. 6.105 and 6.106

E. Delivery Voltage Credit:

When a customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 1.19¢ per kW.

(Continued on Page No. 4)

**RATE SCHEDULE SS-3
 CURTAILABLE STANDBY SERVICE
 (Continued from Page No. 3)**

Rate Per Month: (Continued)

3. Standby Service Charges: (Continued)

F. Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

G. Fuel Cost Recovery Factor:

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

H. Asset Securitization Charge Factor:

See Sheet No. 6.105

I. Gross Receipts Tax Factor:

See Sheet No. 6.106

J. Right-of-Way Utilization Fee:

See Sheet No. 6.106

K. Municipal Tax:

See Sheet No. 6.106

L. Sales Tax:

See Sheet No. 6.106

Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$1.29 per kW for the cost of reserving capacity in the alternate distribution circuit.

Rating Periods:

1. On-Peak Periods - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,
 Monday through Friday*: 6:00 a.m. to 10:00 a.m. and
 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,
 Monday through Friday*: 12:00 Noon to 9:00 p.m.

* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

2. Off-Peak Periods - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service. Where Special Equipment to service the customer is required, the Company may require a specified minimum charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

Term of Service:

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

(Continued on Page No. 5)

EXHIBIT C

Summary of Tariff Changes

Twin Rivers Project - Uniform Percentage Increase Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Line No.	Rate Schedule	Billed Sales MWH	Billed Base Revenue Total (\$000) (3) + (4)	Billed Customer Charge (\$000)	Billed Energy and Demand Charge (\$000)	Unbilled Sales MWH	Energy and Demand \$/MWH (4) / (1)	Unbilled Revenue (\$000) (5) * (6)	Total Class Revenue (\$000) (2) + (7)	Base Rate Increase at Uniform Percent (\$000) 0.510%	Total Class Revenue with Increase (\$000) (8) + (9)
1	RS-1	21,104,733	\$1,746,835	\$ 211,214	\$ 1,535,621	(272,059)	\$ 72.76	(\$19,796)	\$1,727,040	\$8,800	\$1,735,839
2	GS-1	2,069,715	173,915	\$ 24,572	\$ 149,343	(8,273)	72.16	(597)	173,318	883	174,201
3	GS-2	194,079	8,029	\$ 2,644	\$ 5,385	(958)	27.75	(27)	8,003	41	8,043
4	GSD-1	13,055,426	568,030	\$ 11,092	\$ 556,937	(42,983)	42.66	(1,834)	566,196	2,885	569,081
5	CS-1, CS-2, CS-3	61,710	2,603	\$ 9	\$ 2,595	340	42.04	14	2,618	13	2,631
6	IS-1, IS-2, IS-3	2,505,766	69,949	\$ 867	\$ 69,082	10,029	27.57	276	70,226	358	70,584
7	LS-1	348,867	11,296	\$ 1,225	\$ 10,071	(1,109)	28.87	(32)	11,264	57	11,322
8	SS-1	43,791	2,189	\$ 22	\$ 2,167	175	49.50	9	2,198	11	2,209
9	SS-2	63,321	3,517	\$ (1)	\$ 3,517	469	55.54	26	3,543	18	3,561
10	SS-3	68,111	3,294	\$ 1	\$ 3,293	505	48.35	24	3,319	17	3,336
11	TOTAL	<u>39,515,519</u>	<u>\$2,589,658</u>	<u>\$251,646</u>	<u>\$2,338,012</u>	<u>(313,865)</u>		<u>(\$21,935)</u>	<u>\$2,567,723</u>	<u>13,083</u>	<u>\$2,580,806</u>

Santa Fe Project - Uniform Percentage Increase Calculation											
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Line No.	Rate Schedule	Billed Sales MWH	Billed Base Revenue Total (\$000) (3) + (4)	Billed Customer Charge (\$000)	Billed Energy and Demand Charge (\$000)	Unbilled Sales MWH	Energy and Demand \$/MWH (4) / (1)	Unbilled Revenue (\$000) (5) * (6)	Total Class Revenue (\$000) (2) + (7)	Base Rate Increase at Uniform Percent (\$000) 0.541%	Total Class Revenue with Increase (\$000) (8) + (9)
1	RS-1	21,104,733	\$1,746,835	\$ 211,214	\$ 1,535,621	(272,059)	\$ 72.76	(\$19,796)	\$1,727,040	\$9,350	\$1,736,390
2	GS-1	2,069,715	173,915	\$ 24,572	\$ 149,343	(8,273)	72.16	(597)	173,318	938	174,257
3	GS-2	194,079	8,029	\$ 2,644	\$ 5,385	(958)	27.75	(27)	8,003	43	8,046
4	GSD-1	13,055,426	568,030	\$ 11,092	\$ 556,937	(42,983)	42.66	(1,834)	566,196	3,065	569,261
5	CS-1, CS-2, CS-3	61,710	2,603	\$ 9	\$ 2,595	340	42.04	14	2,618	14	2,632
6	IS-1, IS-2, IS-3	2,505,766	69,949	\$ 867	\$ 69,082	10,029	27.57	276	70,226	380	70,606
7	LS-1	348,867	11,296	\$ 1,225	\$ 10,071	(1,109)	28.87	(32)	11,264	61	11,325
8	SS-1	43,791	2,189	\$ 22	\$ 2,167	175	49.50	9	2,198	12	2,210
9	SS-2	63,321	3,517	\$ (1)	\$ 3,517	469	55.54	26	3,543	19	3,562
10	SS-3	68,111	3,294	\$ 1	\$ 3,293	505	48.35	24	3,319	18	3,337
11	TOTAL	<u>39,515,519</u>	<u>\$2,589,658</u>	<u>\$251,646</u>	<u>\$2,338,012</u>	<u>(313,865)</u>		<u>(\$21,935)</u>	<u>\$2,567,723</u>	<u>\$13,902</u>	<u>\$2,581,625</u>

2021 Summary of Tariff Changes										
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
		Uniform Percentage Increase		1.71%		5.54%		0.510%		0.541%
Line	Rate Schedule	Type of Charge	Jan-21 Proposed Final Rates after SoBRA True-Ups (NOTE 1)	Jan-21 Multi-Year Method (1) Increase (E) * (C)	Jan-21 Multi-Year Method (2) Increase (F) * (C)	Jan-21 Rate After Multi-Year Increases (C):(F)	Feb-21 Twin Rivers Increase (H) * (G)	Feb-21 Santa Fe Increase (I) * (G)	Feb-21 Rate After SoBRA 3 Increases (G):(I)	
1	RS-1	Customer Charge - \$ per Line of Billing								
2	RST-1	Standard	10.63	0.18	0.59	11.40	0.06	0.06	11.52	
3	RSS-1	Seasonal (RSS-1)	5.57	0.10	0.31	5.98	0.03	0.03	6.04	
4	RSL-1, 2	Time of Use								
5	(RST closed	Single Phase	19.65	0.34	1.09	21.08	0.11	0.11	21.30	
6	2/10/2010)	Customer CIAC Paid	10.63	0.18	0.59	11.40	0.06	0.06	11.52	
7										
8		Energy Charge - cents per KWH								
9		Standard								
10		0 - 1,000 KWH	6.166	0.105	-	6.271	0.032	0.034	6.337	
11		Over 1,000 KWH	7.852	0.134	-	7.986	0.041	0.043	8.070	
12		Time of Use - On Peak	19.038	0.325	-	19.363	0.099	0.105	19.567	
13		Time of Use - Off Peak	1.057	0.018	-	1.075	0.005	0.006	1.086	
14										
15	GS-1,	Customer Charge - \$ per Line of Billing								
16	GST-1	Standard								
17		Unmetered	7.95	0.14	0.44	8.53	0.04	0.05	8.62	
18		Secondary	14.07	0.24	0.78	15.09	0.08	0.08	15.25	
19		Primary	177.91	3.04	9.86	190.81	0.97	1.03	192.81	
20		Transmission	877.56	14.97	48.62	941.15	4.80	5.09	951.04	
21		Time of Use								
22		Single & Three Phase	23.08	0.39	1.28	24.75	0.13	0.13	25.01	
23		Customer CIAC Paid	14.07	0.24	0.78	15.09	0.08	0.08	15.25	
24		Primary	186.95	3.19	10.36	200.50	1.02	1.08	202.60	
25		Transmission	886.57	15.12	49.12	950.81	4.85	5.14	960.80	
26										
27		Energy Charge - cents per KWH								
28		Standard	6.696	0.114	-	6.810	0.035	0.037	6.882	
29		Time of Use - On Peak	19.007	0.324	-	19.331	0.099	0.105	19.535	
30		Time of Use - Off Peak	1.030	0.018	-	1.048	0.005	0.006	1.059	
31		Premium Distribution Charge - cents per KWH	0.914	0.016	-	0.930	0.005	0.005	0.940	
32										
33	GS-2	Customer Charge - \$ per Line of Billing								
34		Standard								
35		Unmetered	7.95	0.14	0.44	8.53	0.04	0.05	8.62	
36		Metered	14.07	0.24	0.78	15.09	0.08	0.08	15.25	
37										
38		Energy Charge - cents per KWH								
39		Standard	2.540	0.043	-	2.583	0.013	0.014	2.610	
40		Premium Distribution Charge - cents per KWH	0.185	0.003	-	0.188	0.001	0.001	0.190	

NOTE 1: See tariff filing made on September 3, 2020 for 2020 Rates after Trenton, Lake Placid, Columbia, and Debary True-Ups

2021 Summary of Tariff Changes									
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Uniform Percentage Increase			1.71%	5.54%		0.510%	0.541%	
Line	Rate Schedule	Type of Charge	Jan-21 Proposed Final Rates after SoBRA True-Ups (NOTE 1)	Jan-21 Multi-Year Method (1) Increase (E) * (C)	Jan-21 Multi-Year Method (2) Increase (F) * (C)	Jan-21 Rate After Multi-Year Increases (C):(F)	Feb-21 Twin Rivers Increase (H) * (G)	Feb-21 Santa Fe Increase (I) * (G)	Feb-21 Rate After SoBRA 3 Increases (G):(I)
1	GSD-1	Customer Charge - \$ per Line of Billing							
2	GSDT-1	Standard							
3		Secondary	14.07	0.24	0.78	15.09	0.08	0.08	15.25
4		Primary	177.91	3.04	9.86	190.81	0.97	1.03	192.81
5		Transmission	877.56	14.97	48.62	941.15	4.80	5.09	951.04
6		Time of Use							
7		Secondary	23.08	0.39	1.28	24.75	0.13	0.13	25.01
8		Secondary - Customer CIAC paid	14.07	0.24	0.78	15.09	0.08	0.08	15.25
9		Primary	186.95	3.19	10.36	200.50	1.02	1.08	202.60
10		Primary - Customer CIAC paid	177.91	3.04	9.86	190.81	0.97	1.03	192.81
11		Transmission	886.57	15.12	49.12	950.81	4.85	5.14	960.80
12		Transmission Customer CIAC paid	877.56	14.97	48.62	941.15	4.80	5.09	951.04
13									
14		Demand Charge - \$ per KW							
15		Standard	6.27	0.11	-	6.38	0.03	0.03	6.44
16		Time of Use							
17		Base	1.55	0.03	-	1.58	0.01	0.01	1.60
18		On Peak	4.65	0.08	-	4.73	0.02	0.03	4.78
19		Premium Distribution Charge - \$ per KW	1.35	0.02	-	1.37	0.01	0.01	1.39
20									
21		Energy Charge - cents per KWH							
22		Standard	2.796	0.048	-	2.844	0.015	0.015	2.874
23		Time of Use - On Peak	6.086	0.104	-	6.190	0.032	0.033	6.255
24		Time of Use - Off Peak	1.020	0.017	-	1.037	0.005	0.006	1.048
25									
26		Power Factor - \$ per KVar	0.35	0.01	-	0.36	-	-	0.36
27									
28	CS-1	Customer Charge - \$ per Line of Billing							
29	CS-2	Secondary	81.39	1.39	-	82.78	0.42	0.45	83.65
30	CS-3	Primary	225.98	3.86	-	229.84	1.17	1.24	232.25
31	CST-1, 2, 3	Transmission	843.42	14.39	-	857.81	4.37	4.64	866.82
32									
33		Demand Charge - \$ per KW							
34		Standard	10.06	0.17	-	10.23	0.05	0.06	10.34
35		Time of Use							
36		Base	1.50	0.03	-	1.53	0.01	0.01	1.55
37		On Peak	8.49	0.14	-	8.63	0.04	0.05	8.72
38									
39		Premium Distribution Charge - \$ per KW	1.35	0.02	-	1.37	0.01	0.01	1.39
40									
41		Energy Charge - cents per KWH							
42		Standard	1.837	0.031	-	1.868	0.010	0.010	1.888
43		Time of Use - On Peak	3.372	0.058	-	3.430	0.017	0.019	3.466
44		Time of Use - Off Peak	1.014	0.017	-	1.031	0.005	0.006	1.042
45									
46		Power Factor - \$ per KVar	0.35	0.01	-	0.36	-	-	0.36

NOTE 1: See tariff filing made on September 3, 2020 for 2020 Rates after Trenton, Lake Placid, Columbia, and Debary True-Ups

2021 Summary of Tariff Changes									
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Uniform Percentage Increase			1.71%	5.54%		0.510%	0.541%	
Line	Rate Schedule	Type of Charge	Jan-21 Proposed Final Rates after SoBRA True-Ups (NOTE 1)	Jan-21 Multi-Year Method (1) Increase (E) * (C)	Jan-21 Multi-Year Method (2) Increase (F) * (C)	Jan-21 Rate After Multi-Year Increases (C):(F)	Feb-21 Twin Rivers Increase (H) * (G)	Feb-21 Santa Fe Increase (I) * (G)	Feb-21 Rate After SoBRA 3 Increases (G):(I)
1	IS-1	Customer Charge - \$ per Line of Billing							
2	IS-2	Secondary	298.86	5.10	-	303.96	1.55	1.64	307.15
3	IST-1	Primary	443.46	7.57	-	451.03	2.30	2.44	455.77
4	IST-2	Transmission	1,060.92	18.10	-	1,079.02	5.50	5.84	1,090.36
5									
6		Demand Charge - \$ per KW							
7		Standard	8.52	0.15	-	8.67	0.04	0.05	8.76
8		Time of Use							
9		Base	1.35	0.02	-	1.37	0.01	0.01	1.39
10		On Peak	7.44	0.13	-	7.57	0.04	0.04	7.65
11									
12		Premium Distribution Charge - \$ per KW	1.35	0.02	-	1.37	0.01	0.01	1.39
13									
14		Energy Charge - cents per KWH							
15		Standard	1.231	0.021	-	1.252	0.006	0.007	1.265
16		Time of Use - On Peak	1.724	0.029	-	1.753	0.009	0.009	1.771
17		Time of Use - Off Peak	1.006	0.017	-	1.023	0.005	0.006	1.034
18									
19		Power Factor - \$ per KVar	0.35	0.01	-	0.36	-	-	0.36
20									
21	LS-1	Customer Charge - \$ per Line of Billing							
22		Standard							
23		Unmetered	1.44	0.02	0.08	1.54	0.01	0.01	1.56
24		Metered	4.15	0.07	0.23	4.45	0.02	0.02	4.49
25									
26		Energy Charge - cents per KWH							
27		Standard	2.641	0.045	-	2.686	0.014	0.015	2.715
28									
29	SS-1	Customer Charge - \$ per Line of Billing							
30		Secondary	122.27	2.09	6.77	131.13	0.67	0.71	132.51
31		Primary	286.11	4.88	15.85	306.84	1.56	1.66	310.06
32		Transmission	985.74	16.82	54.61	1,057.17	5.39	5.72	1,068.28
33		Customer Owned	98.59	1.68	5.46	105.73	0.54	0.57	106.84
34									
35		Energy Charge - cents per KWH	1.217	0.021	-	1.238	0.006	0.007	1.251
36									
37		Distribution Charge - \$ per KW							
38		Applicable to Specified SB Capacity	2.46	0.04	-	2.50	0.01	0.01	2.52
39									
40		Generation and Transmission Capacity Charge							
41		Greater of : - \$ per KW							
42		Monthly Reservation Charge							
43		Applicable to Specified SB Capacity	1.375	0.023	-	1.398	0.007	0.008	1.413
44		Peak Day Utilized SB Power Charge of:	0.654	0.011	-	0.665	0.003	0.004	0.672
45									
46		Premium Distribution Charge - \$ per KW	1.26	0.02	-	1.28	0.01	0.01	1.30

NOTE 1: See tariff filing made on September 3, 2020 for 2020 Rates after Trenton, Lake Placid, Columbia, and Debarry True-Ups

2021 Summary of Tariff Changes									
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Uniform Percentage Increase			1.71%	5.54%		0.510%	0.541%	
Rate Line Schedule	Type of Charge	Jan-21 Proposed Final Rates after SoBRA True-Ups (NOTE 1)	Jan-21 Multi-Year Method (1) Increase (E) * (C)	Jan-21 Multi-Year Method (2) Increase (F) * (C)	Jan-21 Rate After Multi-Year Increases (C):(F)	Feb-21 Twin Rivers Increase (H) * (G)	Feb-21 Santa Fe Increase (I) * (G)	Feb-21 Rate After SoBRA 3 Increases (G):(I)	
1	SS-2 Customer Charge - \$ per Line of Billing								
2	Secondary	325.40	5.55	-	330.95	1.69	1.79	334.43	
3	Primary	469.99	8.02	-	478.01	2.44	2.59	483.04	
4	Transmission	1,087.44	18.55	-	1,105.99	5.64	5.98	1,117.61	
5	Customer Owned	304.48	5.19	-	309.67	1.58	1.68	312.93	
6									
7	Energy Charge - cents per KWH	1.202	0.021	-	1.223	0.006	0.007	1.236	
8									
9	Distribution Charge - \$ per KW								
10	Applicable to Specified SB Capacity	2.45	0.04	-	2.49	0.01	0.01	2.51	
11									
12	Generation and Transmission Capacity Charge								
13	Greater of : - \$ per KW								
14	Monthly Reservation Charge								
15	Applicable to Specified SB Capacity	1.373	0.023	-	1.396	0.007	0.008	1.411	
16	Peak Day Utilized SB Power Charge of:	0.653	0.011	-	0.664	0.003	0.004	0.671	
17									
18	Premium Distribution Charge - \$ per KW	1.25	0.02	-	1.27	0.01	0.01	1.29	
19									
20	SS-3 Customer Charge - \$ per Line of Billing								
21	Secondary	107.91	1.84	-	109.75	0.56	0.59	110.90	
22	Primary	252.50	4.31	-	256.81	1.31	1.39	259.51	
23	Transmission	869.96	14.84	-	884.80	4.51	4.79	894.10	
24	Customer Owned	87.00	1.48	-	88.48	0.45	0.48	89.41	
25									
26	Energy Charge - cents per KWH	1.207	0.021	-	1.228	0.006	0.007	1.241	
27									
28	Distribution Charge - \$ per KW								
29	Applicable to Specified SB Capacity	2.45	0.04	-	2.49	0.01	0.01	2.51	
30									
31	Generation and Transmission Capacity Charge								
32	Greater of : - \$ per KW								
33	Monthly Reservation Charge								
34	Applicable to Specified SB Capacity	1.373	0.023	-	1.396	0.007	0.008	1.411	
35	Peak Day Utilized SB Power Charge of:	0.653	0.011	-	0.664	0.003	0.004	0.671	
36									
37	Premium Distribution Charge - \$ per KW	1.25	0.02	-	1.27	0.01	0.01	1.29	

NOTE 1: See tariff filing made on September 3, 2020 for 2020 Rates after Trenton, Lake Placid, Columbia, and Debarry True-Ups

**IN RE: DUKE ENERGY FLORIDA, LLC'S PETITION FOR A LIMITED
PROCEEDING TO APPROVE THIRD SOLAR BASE RATE ADJUSTMENT**

FPSC DOCKET NO. _____

DIRECT TESTIMONY OF MATTHEW G. STOUT

NOVEMBER 18, 2020

1 **Q. Please state your name and business address.**

2 A. My name is Matthew G. Stout. My business address is Mail Code ST-14A, 400 South
3 Tryon Street, Charlotte, NC 28202.

4

5 **Q. By whom are you employed and what is your position?**

6 A. I am employed by Duke Energy as a Managing Director of Business Development for
7 Wind and Solar Development.

8

9 **Q. Please describe your duties and responsibilities in that position.**

10 A. I am responsible for the development of new solar facilities in Florida on behalf of
11 Duke Energy Florida, LLC ("DEF" or the "Company"). I lead a team that conducts
12 solar development activities including project siting, land acquisition, resource
13 assessment, permitting, obtaining interconnection rights, project layout and design and
14 arranging contracts for engineering, procurement and construction services, as well as
15 originating, structuring, and executing transactions to acquire rights to existing solar
16 development projects.

17

1 **Q. Please describe your educational background and professional experience.**

2 A. I received a BA degree in Economics from Connecticut College in 1998. I began my
3 career as a management consultant for PricewaterhouseCoopers and later worked as an
4 investment banking associate for Morgan Joseph. In 2007, I earned an MBA from the
5 Ross School of Business and an MS in Environmental Policy from the School of
6 Natural Resources at the University of Michigan with a focus on renewable energy.
7 During graduate school, I managed business development at STM Power, Inc., a start-
8 up manufacturer of renewable power generation equipment. Upon finishing graduate
9 school, I joined Catamount Energy Corporation, a renewable energy development
10 company, where I helped site new wind energy facilities across the United States. I
11 joined Duke Energy in 2008 and have had several positions focused on renewable
12 energy development, including Manager of Business Development for Solar and Wind,
13 Managing Director of Project Acquisitions, and most recently Managing Director of
14 Wind and Solar Development for the regulated utilities. In total, I have over 21 years
15 of professional work experience, including 13 years of renewable energy business
16 development.

17

18 **Q. What is the purpose of your testimony?**

19 A. My testimony is provided to support DEF's request for cost recovery approval of the
20 third group of solar power plants or projects authorized under the approved 2017
21 Second Revised and Restated Stipulation and Settlement Agreement ("2017
22 Settlement"), under Docket Number 20170183-EI. My testimony describes the solar
23 power plants that DEF plans to build to serve its customers and includes an overview

1 of the process DEF has used to ensure that the project costs meet the requirements of
2 the 2017 Settlement. My testimony supports the reasonableness of the proposed
3 project costs.

4

5 **Q. Are you presenting exhibits in this proceeding?**

6 A. Yes. They consist of the following exhibits:

7 Exhibit No. ____ (MGS-1) Twin Rivers Solar Power Plant Site Plan;

8 Exhibit No. ____ (MGS-2) Twin Rivers Solar Power Plant Costs;

9 Exhibit No. ____ (MGS-3) Santa Fe Solar Power Plant Site Plan;

10 Exhibit No. ____ (MGS-4) Santa Fe Solar Power Plant Costs;

11 Exhibit No. ____ (MGS-5) Charlie Creek Solar Power Plant Site Plan;

12 Exhibit No. ____ (MGS-6) Charlie Creek Solar Power Plant Costs;

13 Exhibit No. ____ (MGS-7) Duette Solar Power Plant Site Plan;

14 Exhibit No. ____ (MGS-8) Duette Solar Power Plant Costs;

15 Exhibit No. ____ (MGS-9) Sandy Creek Solar Power Plant Site Plan;

16 Exhibit No. ____ (MGS-10) Sandy Creek Solar Power Plant Costs; and

17 Exhibit No. ____ (MGS-11) Cost Comparison to Other Utilities.

18 These exhibits are true and accurate.

19

20 **Q. Did DEF use the same methodology for selecting and evaluating potential projects**
21 **as was used to select its previous SoBRA projects?**

22 A. Yes, DEF used the same methodology to select and evaluate potential projects as was
23 used to select its previous SoBRA projects. I discuss the specific process DEF used to

1 select the Twin Rivers, Santa Fe, Charlie Creek, Duette, and Sandy Creek sites for
2 development later in my testimony.

3

4 **Q. What solar projects is DEF proposing for approval in this filing?**

5 A. DEF is proposing the following projects: (a) the Twin Rivers Solar Power Plant (“Twin
6 Rivers Project”), (b) the Santa Fe Solar Power Plant (“Santa Fe Project”), (c) the
7 Charlie Creek Solar Power Plant (“Charlie Creek Project”), (d) the Duette Solar Power
8 Plant (“Duette Project”), and (e) the Sandy Creek Solar Power Plant (“Sandy Creek
9 Project”).

10

11 **Q. Please describe the Twin Rivers Project.**

12 A. The Twin Rivers Project is a 74.9 MWac / 98.3 MWdc solar single-axis tracking PV
13 project, yielding an expected capacity factor of approximately 27%, located in
14 Hamilton County, Florida. The project will use a mixture of 415-watt and 420-watt
15 modules, procured from Hanwha Q Cells America Inc. (a leading, Tier I manufacturer)
16 and the single-axis racking system will be procured from Array Technologies, Inc.
17 Inverters will be sourced from Toshiba Mitsubishi Electric Industries Corporation
18 (“TMEIC”), a 50-50 joint venture between Toshiba and Mitsubishi Electric. TMEIC
19 is a \$2.0B company, as measured by sales. The facility will be constructed on
20 approximately 515 acres that are under a long-term lease. The site is agricultural land
21 and is relatively flat with minimal sloping that will allow for the use of a tracking
22 system. The point of interconnection is a new DEF 230kV Substation. Wanzek
23 Construction Inc. (“Wanzek”) was selected to perform final facility engineering, design

1 and construction. Wanzek is a wholly owned subsidiary of the Mastec Group
2 (“Mastec”), based in Coral Gables, Florida. Mastec is publicly traded on the New York
3 Stock Exchange under the ticker symbol “MTZ”. Wanzek is a ~\$1.6B annual revenue
4 EPC provider of renewable energy power plants, primarily using wind and solar
5 technology. Wanzek has contracted over 720MWdc of solar projects over the past two
6 years. DEF acquired the early stage development assets of the Twin Rivers Project
7 from Tradewind Energy, Inc., the original developer of the project. Tradewind Energy,
8 Inc. had secured site control and an interconnection queue position and had completed
9 a limited amount of site investigation. DEF acquired the project, as is, on August 17,
10 2017 and continued to complete all development activities. The project started
11 construction in March 2020 and is expected to achieve placed in-service in January
12 2021. My Exhibit No. ___ (MGS-1) shows the location of the Twin Rivers Project and
13 the general site plan.

14

15 **Q. What is the projected installed cost for the Twin Rivers Project?**

16 A. The projected cost of the Twin Rivers Project is \$100,037,587 or \$1,336/kWac. My
17 Exhibit No. ___ (MGS-2) shows the categories that make up the total installed cost.

18

19 **Q. Will the Twin Rivers Project qualify for the statewide property tax exemption?**

20 A. Yes.

21

22 **Q. Please describe the Santa Fe Project.**

1 A. The Santa Fe Project is a 74.9 MWac / 100.8 MWdc single axis tracking solar PV
2 project, yielding an expected capacity factor of approximately 29%, and located in
3 Columbia County, Florida. The project will use 425-, 430-, and 435-watt thin film
4 Series 6 modules, procured from First Solar (a leading, Tier I manufacturer) and the
5 single-axis racking system will be procured from Array Technologies, Inc. Inverters
6 will be sourced from TMEIC. The facility will be constructed on approximately 607
7 acres that will be purchased before construction. The site consists mostly cattle grazing
8 with a limited amount of timberland and is relatively flat with minimal sloping that will
9 allow for the use of a tracking system. The point of interconnection is a new DEF
10 230kV Substation. M.A Mortenson Company (“Mortenson”) was selected to perform
11 final facility engineering, design and construction. DEF had selected Mortenson as the
12 preferred EPC contractor for the Hamilton (in service December 2018), Trenton (in
13 Service December 2019) and Columbia (in service March 2020) projects. Mortenson
14 has proven to be a reliable and bankable EPC partner, having constructed over 3,700
15 MW of solar energy facilities. Expertise in energy modeling tools combined with self-
16 perform capabilities enable the company to focus on delivering the lowest cost of
17 energy over the life cycle of projects. DEF acquired the early stage development assets
18 of the project from First Solar Development, LLC. First Solar was responsible for all
19 development and permitting activities, DEF acquired the project following the
20 completion of development activities in June 2019. The project is expected to start
21 construction in April 2020 with an expected placed in-service date in January 2021.
22 My Exhibit No. ___ (MGS-3) shows the location of the Santa Fe Project and the general
23 site plan.

1

2 **Q. What is the projected installed cost for the Santa Fe Project?**

3 A. The projected cost of the Santa Fe Project is \$108,910,046 or \$1,454/kWac. My Exhibit
4 No. __ (MGS-4) shows the categories that make up the total installed cost.

5

6 **Q. Will the Santa Fe Project qualify for the statewide property tax exemption?**

7 A. Yes.

8

9 **Q. Please describe the Charlie Creek Project.**

10 A. The Charlie Creek Project is a 74.9 MWac / 101.1 MWdc solar PV facility located in
11 Hardee County, Florida. The project will utilize solar modules mounted to a tracking
12 system, yielding an expected capacity factor of approximately 29.0%. The project will
13 use 430-watt modules, procured from Hanwha Q Cells America, Inc. and the tracking
14 system will be procured from Array Technologies, Inc. Inverters will be sourced from
15 TMEIC. The facility will be constructed upon approximately 610 acres that will be
16 leased. The site is primarily citrus groves and cattle grazing land and is relatively flat
17 with minimal sloping that will allow for the use of a tracking system. The point of
18 interconnection is a new DEF 230 kV substation located on-site. Wanzek Construction
19 Inc. was selected to perform final facility engineering, design and construction.
20 Wanzek is a wholly owned subsidiary of the Mastec Group (“Mastec”), based in Coral
21 Gables, Florida. Mastec is publicly traded on the New York Stock Exchange under the
22 ticker symbol “MTZ”. Wanzek is a ~\$1.6B annual revenue EPC provider of renewable
23 energy power plants, primarily using wind and solar technology. Wanzek has

1 contracted over 720MWdc of solar projects over the past two years. The project
2 anticipates being placed in service in December 2021. My Exhibit No. ___ (MGS-5)
3 shows the location of the Charlie Creek Project and the general site plan.

4

5 **Q. What is the projected installed cost for the Charlie Creek Project?**

6 A. The projected cost of the Charlie Creek Project is \$97,950,968 or \$1,308/kWac. My
7 Exhibit No. ___ (MGS-6) shows the categories that make up the total installed cost.

8

9 **Q. Will the Charlie Creek Project qualify for the statewide property tax exemption?**

10 A. Yes.

11

12 **Q. Please describe the Duette Project.**

13 A. The Duette Project is a 74.5 MWac / 96.4 MWdc solar photovoltaic (“PV”) facility
14 located in Manatee County, Florida. The project will utilize solar modules mounted to
15 a tracking system, yielding an expected capacity factor of approximately 28%. The
16 project will use 425-watt modules, procured from Hanwha Q Cells America, Inc. and
17 the single-axis racking system will be procured from Array Technologies, Inc.
18 Inverters will be sourced from TMEIC. The facility will be constructed upon
19 approximately 520 acres that will be purchased. The site is primarily citrus groves and
20 is relatively flat with minimal sloping that will allow for the use of a tracking system.
21 The point of interconnection is the existing Dry Prairie 230/69 kV Substation. Moss &
22 Associates (“Moss”) was selected to perform final facility engineering, design and
23 construction. Moss is a proven and reliable Engineering, Procurement, and

1 Construction (“EPC”) partner, based in Florida, having constructed over 3,500 MW of
2 solar energy facilities. The project anticipates being placed in service in December
3 2021. My Exhibit No. __ (MGS-7) shows the location of the Duette Project and the
4 general site plan.

5
6 **Q. What is the projected installed cost for the Duette Project?**

7 A. The projected cost of the Duette Project is \$108,572,491 or \$1,457/kWac. My Exhibit
8 No. __ (MGS-8) shows the categories that make up the total installed cost.

9
10 **Q. Will the Duette Project qualify for the statewide property tax exemption?**

11 A. Yes.

12
13 **Q. Please describe the Sandy Creek Project.**

14 A. The Sandy Creek Project is a 74.9 MWac / 98.8 MWdc solar photovoltaic (“PV”)
15 facility located in Bay County, Florida. The project will be a single axis tracking solar
16 PV project, yielding an expected capacity factor of approximately 28%. The project
17 will use 450-watt thin film Series 6 modules, procured from First Solar (a leading, Tier
18 I manufacturer) mounted to a single-axis racking system. Inverters will be sourced
19 TMEIC. The facility will be constructed upon approximately 625 acres of mostly cattle
20 grazing land that is relatively flat with minimal sloping that will allow for the use of a
21 tracking system. The point of interconnection is a new DEF 230 kV substation located
22 on-site . DEF is in the process of selecting the EPC partner and anticipates utilizing a
23 qualified contractor that has constructed other DEF projects. The project anticipates

1 being placed in service by April 2022. My Exhibit No. __ (MGS-9) shows the location
2 of the Sandy Creek Project and the general site plan.

3

4 **Q. What is the projected installed cost for the Sandy Creek Project?**

5 A. The projected cost of the Sandy Creek Project is \$ \$99,123,932 or \$1,323/kWac. My
6 Exhibit No. __ (MGS-10) shows the categories that make up the total installed cost.

7

8 **Q. Why did DEF decide to pursue the Sandy Creek Project at 74.9 MW, when that
9 would result in DEF exceeding the 700 MW limit set forth in the 2017 Settlement?**

10 A. The current project design achieves economies of scale and cost savings for customers
11 in several areas, including benefiting from: 1) our standard DC/AC single axis design
12 which increases energy production and lowers the overall construction costs on a
13 \$/KWac basis (reduces engineering work to design and bid out the work); 2) greater
14 leverage during the procurement of equipment helping to achieve lower solar PV panel
15 prices; and 3) spreading the fixed costs of interconnection across more capacity and
16 energy production. Given all these benefits, DEF determined that it was better for
17 customers to construct the full 74.9 MW facility, rather than arbitrarily limit it to 56.6
18 MW. Mr. Foster presents the amount of revenue requirements for the Sandy Creek
19 Project that DEF is requesting to be included in this proceeding.

20

21 **Q. Will the Sandy Creek Project qualify for the statewide property tax exemption?**

22 A. Yes.

23

1 **Q. Please describe the process DEF used to select the Twin Rivers, Santa Fe, Charlie**
2 **Creek, Duette, and Sandy Creek sites for development.**

3 A. Building on the work DEF described in its request for approval of the first and second
4 group of solar projects in Dockets No. 20180149 and 20190072, respectively, DEF
5 continued a comprehensive review of greenfield sites (including sites that it already
6 owns) and projects already in development in DEF's service territory. DEF identified
7 projects already in the interconnection queue with favorable queue positions. DEF is
8 willing to purchase solar projects in various stages of completion from third-party
9 developers, but projects must meet our standards of development and construction and
10 fit into our strategic build plan. The primary factors when considering the purchase of
11 a third-party developed site are interconnection queue position for transmission
12 connection to the grid and expected grid upgrades, environmental impacts,
13 constructability of the site, development status and schedule, overall cost, quality/type
14 of materials (such as panel, inverter and racking, manufacturers), project location,
15 zoning entitlements, experience and competencies of developer, and construction
16 schedule. Charlie Creek and Sandy Creek projects are greenfield projects initiated by
17 DEF. The Twin Rivers, Santa Fe, and Duette projects were selected among over 80
18 projects that have been reviewed for acquisition from existing projects in DEF's service
19 territory. The projects were identified from publicly available information. Additional
20 project details were submitted to DEF by the project developers upon execution of a
21 confidentiality agreement. Projects that met first round screening criteria were asked
22 to negotiate proposals for the sale of the development assets to DEF. DEF developed
23 a shortlist of proposals to advance into further negotiations, including those for the

1 Twin Rivers Project, Santa Fe Project, and Duette Project. The Charlie Creek Project
2 and Sandy Creek Project are greenfield projects that was identified and developed by
3 DEF.

4 The Twin Rivers Project was acquired from a third-party developer due to its
5 senior queue position, agricultural land with transmission access, and mid stage
6 development status. DEF acquired the early stage development assets of the project
7 from Tradewind Energy, Inc. while it was still being developed. DEF completed the
8 remaining development tasks, including permitting, design, final interconnection
9 rights, and contracting for engineering, procurement, and construction services. All
10 site investigation studies are complete, Hamilton County has issued the required
11 Special Permits and has executed a Large Generator Interconnection Agreement
12 (“LGIA”).

13 DEF selected the Santa Fe Project due to its senior queue position, land holding
14 with transmission access, and mid stage development status. DEF entered into a
15 Membership Interest Purchase and Sale Agreement (“MIPSA”) to acquire the early
16 stage development assets of the project from First Solar Development, LLC. Once all
17 project development milestones were achieved DEF acquired the assets and closed on
18 the agreement in September 2019. The project has completed all site investigation
19 studies and has received all county zoning and permitting approvals. The project
20 executed a Large Generator Interconnection Agreement (“LGIA”) in October 2019.

21 The Duette Project is being acquired from a third-party developer due to its
22 favorable characteristics including large land holding, access to transmission and
23 constructability of the project area. DEF entered into an Asset Purchase Agreement

1 (“APA”) to acquire the project from Invenergy Solar Development North America
2 LLC. Once all project development milestones are achieved, the parties will close on
3 the agreement which is anticipated to occur in Q3 2020. The project has completed all
4 site investigation studies on the solar site and executed the LGIA in August 2020. The
5 project avoids all wetlands and floodplains within the project area. The project will
6 need a Final Site Plan approval from the Manatee County prior to the start of
7 construction.

8 The Charlie Creek site was selected due to favorable characteristics including
9 large land holding, access to transmission and constructability of the project area. The
10 project is located in Hardee County and requires a Special Exemption Permit. The
11 project went before the Hardee County Planning Board and the Board of County
12 Commissioners in June 2020 and received all county permit approvals. All site
13 investigation studies are complete and an LGIA was executed in October 2020. The
14 project avoids all wetlands and floodplains within the project area. A gopher tortoise
15 relocation permit will most likely be required as will avoidance of the burrowing owl.

16 The Sandy Creek site was selected due to favorable characteristics including
17 large land holding, access to transmission and constructability of the project area. The
18 project is located within Bay County. The Bay County Planning Commission approved
19 the project’s Conditional Use Permit on November 17, 2020. All site investigation
20 studies are complete and an LGIA is expected to be executed in Q1 2021. A gopher
21 tortoise relocation permit is not anticipated to be required as none were found during a
22 limited survey.

23

1 **Q. Please describe the process DEF used to contract for the construction of the Twin**
2 **Rivers, Santa Fe, Charlie Creek, Duette, and Sandy Creek Projects.**

3 A. DEF conducted separate competitive RFPs (Request For Proposals) to select the EPC
4 contractor for each project. DEF administered each RFP to ensure a fair and transparent
5 process was used for all communication, evaluation and selection. After qualification
6 of EPC contractors, four high quality EPC contractors were invited to provide bids to
7 provide engineering, design, procurement and construction services for the Twin
8 Rivers Project, five high quality EPC contractors were invited to bid for the Santa Fe
9 Project, four high quality EPC contractors were invited to bid for the Charlie Creek
10 Project, four high quality EPC contractors were invited to bid for the Duette Project,
11 and three high quality EPC contractors were invited to bid for the Sandy Creek Project.
12 Bidders were provided with all relevant site investigation and design criteria documents
13 applicable to the project. Bidders were instructed to comply with all company design
14 and construction policies. Bids were evaluated on bidder experience, price, schedule,
15 design, risk and ability to deliver the project in a safe, reliable and cost-effective
16 manner.

17 As a result of these evaluations, for the Twin Rivers Project, Wanzek was
18 selected as the most cost-effective and highest value supplier, and the parties executed
19 an EPC Agreement.

20 As a result of these evaluations, for the Santa Fe Project, Mortenson was
21 selected as the most cost-effective and highest value supplier, and the parties executed
22 an EPC Agreement.

1 As a result of these evaluations, for the Charlie Creek Project, Wanzek was
2 selected as the most cost-effective and highest value supplier, and the parties are
3 negotiating an EPC Agreement.

4 As a result of these evaluations, for the Duette Project, Moss was selected as
5 the most cost-effective and highest value supplier, and the parties are negotiating an
6 EPC Agreement.

7 The RFP evaluation for the Sandy Creek Project is ongoing. DEF anticipates
8 selecting an EPC by January, 2021 and will then begin negotiating an EPC Agreement.

9

10 **Q. Why did DEF enter long-term leases for the Twin Rivers, Charlie Creek, and**
11 **Sandy Creek Projects, rather than purchasing the property?**

12 A. More generally, when there is an option to purchase versus enter into a long-term lease,
13 DEF evaluates the net present value (“NPV”) of the costs of each option over the life
14 of the project and chooses the least cost option on a present value basis. With respect
15 to the Twin Rivers Project, the original developer had already signed a long-term lease
16 with the landowner with rent priced in line with the current market (at terms that match
17 or exceed the useful life of the facilities), so DEF had no ability to purchase those
18 properties. DEF discussed with landowners both a purchase option as well as a lease
19 option with the Charlie Creek landowner and Sandy Creek landowner. The respective
20 landowners were only willing to lease and given the location and site conditions lease
21 options was executed. Given the overall value of these projects to DEF’s customers,
22 DEF believes it is prudent to move forward with long term leases for these projects.

23

1 **Q. What is the weighted average cost for the five projects described above?**

2 A. The weighted average cost for the five projects is \$1,376/kWac.

3

4 **Q. Your costs are different from recent costs filed by other utilities in Florida. Can**
5 **you explain the reasonableness of the differences?**

6 A. Yes. As required by Paragraph 15(a) of the 2017 Settlement, DEF has reviewed
7 publicly available information from Florida Power & Light Company's ("FPL") solar
8 base rate adjustment filing in their 2017, 2018, 2019, and 2020 fuel docket and Tampa
9 Electric Company's ("Tampa Electric") solar base rate adjustment filing in Docket
10 Number 20170260-EI and Docket Number 20180133-EI. My Exhibit No. __ (MGS-
11 11) shows how the Twin Rivers Project, Santa Fe Project, Charlie Creek Project, Duette
12 Project, and Sandy Creek Project, compare to costs filed by other utilities, where such
13 information was publicly available to DEF. Generally, the costs for the Twin Rivers
14 Project, Santa Fe Project, Charlie Creek Project, Duette Project, and Sandy Creek
15 Project are lower than those filed by other utilities in Florida. DEF also notes that, as
16 explained above, it competitively solicited all aspects of the projects and therefore its
17 costs are reasonable, cost effective, and at market.

18

19 **Q. Are the projected costs for the solar projects described in your testimony eligible**
20 **for cost recovery under the 2017 Settlement?**

21 A. Yes. As demonstrated above, DEF utilized a reasonable competitive process to select
22 its contractors and to procure equipment and material. Its costs are reasonable and
23 within the strict \$1,650/kWac cap set forth in the 2017 Settlement. DEF reasonably

1 considered buying out projects in various stages of development. Mr. Borsch will
2 demonstrate the cost effectiveness of, and the need for, these solar projects, as required
3 by the 2017 Settlement.

4

5 **Q. Does that conclude your testimony?**

6 **A. Yes.**

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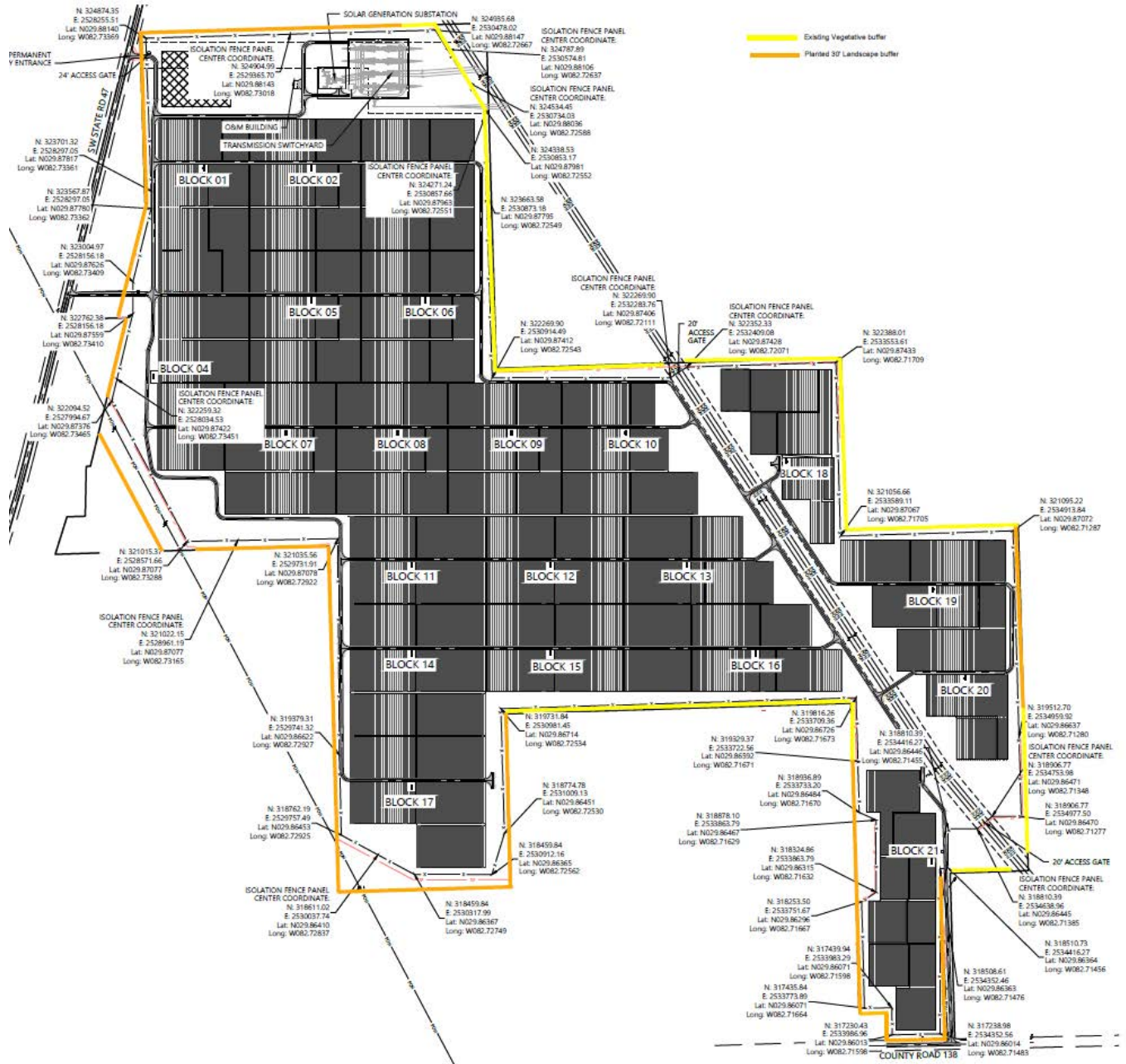
Twin Rivers Solar Power Plant Costs

**Twin Rivers Solar Project
Estimated Installed Cost by Category**

Estimated Costs (\$MM)	
Project Output (MW-ac)	74.9
Major Equipment ¹	
Balance of System ²	
Construction Management	1.7
Development and Permitting ³	5.1
Transmission Interconnect ⁴	0.6
Land ⁵	0.2
Total Installed Cost	\$98.1
AFUDC	2.0
Total with AFUDC	\$100.0
Total (\$kW-ac)	1,336

1. Includes equipment such as solar panels and project transformer, and any other equipment that was not included in EPC contract.
2. Includes remaining equipment such as racking, posts, inverters, and collection cables and EPC services.
3. Includes items such as lease rental payments during construction, legal fees, development costs, development fees, and title insurance.
4. Includes Interconnection Customer charges identified in the Large Generator Interconnection Agreement and associated with affected third-party systems. Excludes Network Upgrades.
5. Transmission substation located on land purchased by Duke Energy Florida, remainder of solar project occupies land leased to Duke Energy Florida.

Santa Fe Solar Power Plant Site Plan



REDACTED

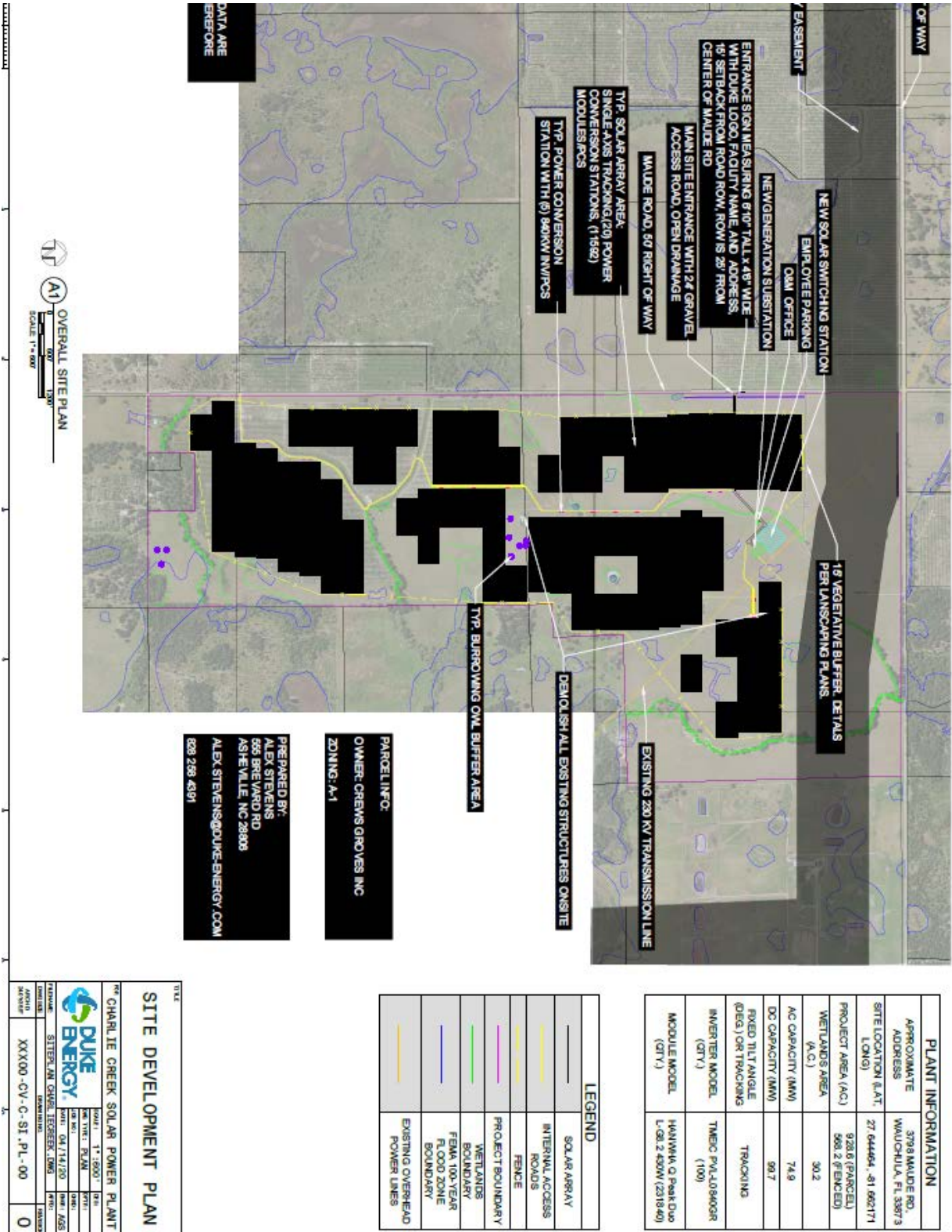
Santa Fe Solar Power Plant Costs

**Santa Fe Solar Project
Estimated Installed Cost by Category**

Estimated Costs (\$MM)	
Project Output (MW-ac)	74.9
Major Equipment ¹	
Balance of System ²	
Construction Management	1.2
Development and Permitting ³	4.6
Transmission Interconnect ⁴	2.0
Land ⁵	4.2
Total Installed Cost	\$108.9
AFDUC	0.0
Total with AFDUC	\$108.9
Total (\$kW-ac)	1,454

1. Includes equipment such as solar panels and project transformer, and any other equipment that was not included in EPC contract.
2. Includes remaining equipment such as racking, posts, inverters, and collection cables and EPC services.
3. Includes items such as lease rental payments during construction, legal fees, development costs, development fees, and title insurance.
4. Interconnection Customer charges identified in the Large Generator Interconnection Agreement. Excludes Network Upgrades.
5. Project occupies land purchased by Duke Energy Florida.

Charlie Creek Solar Power Plant Site Plan



DATA ARE BEFORE

OVERALL SITE PLAN
 SCALE 1" = 500'

PARCEL INFO:
 OWNER: CREWS GROVES INC
 ZONING: A-1

PREPARED BY:
 ALEX STEVENS
 555 BREWARD RD
 ASHEVILLE, NC 28908
 ALEX.STEVENS@DUKE-ENERGY.COM
 828 298 4391

PLANT INFORMATION	
APPROXIMATE ADDRESS	3798 MAUDE RD, WAUCHULA, FL 33873
SITE LOCATION (LAT, LONG)	27 64464, -81 862171
PROJECT AREA (AC)	928.6 (PARCELS) 969.2 (ENCLOS)
WETLANDS AREA (A.C.)	30.2
AC CAPACITY (MW)	74.9
DC CAPACITY (MW)	99.7
PIVOT TILT ANGLE (DEG) FOR TRACKING	TRACKING
INVERTER MODEL (GT)	THESC PVA-L09A0GR (100)
MODULE MODEL (GT)	HANWA Q Peak Duo L-09.2 450W (231840)

LEGEND	
[Black Area]	SOLAR ARRAY
[Yellow Line]	INTERNAL ACCESS ROADS
[Yellow Line]	FENCE
[Purple Line]	PROJECT BOUNDARY
[Green Line]	WETLANDS BOUNDARY
[Blue Line]	FEMA 100-YEAR FLOOD ZONE BOUNDARY
[Orange Line]	EXISTING OVERHEAD POWER LINES

TITLE	
SITE DEVELOPMENT PLAN	
FOR CHARLIE CREEK SOLAR POWER PLANT	
DATE	04/14/20
BY	AS/MS
APP'D	
REVISED	
PROJECT NO.	XXXX00-CV-C-SI-PL-00
SCALE	0

REDACTED

Duke Energy Florida, LLC
Docket No. _____
Witness: Stout
Exhibit No. ____ (MGS-6)
Page 1 of 1

Charlie Creek Solar Power Plant Costs

**Charlie Creek Solar Project
Estimated Installed Cost by Category**

Estimated Costs (\$MM)	
Project Output (MW-ac)	74.9
Major Equipment ¹	
Balance of System ²	
Construction Management	1.2
Development and Permitting ³	3.3
Transmission Interconnect ⁴	1.8
Land ⁵	0.1
Total Installed Cost	\$95.2
AFDUC	2.7
Total with AFDUC	\$98.0
Total (\$kW-ac)	1,308

1. Includes equipment such as solar panels and project transformer, and any other equipment that was not included in EPC contract.
2. Includes remaining equipment such as racking, posts, inverters, and collection cables and EPC services.
3. Includes items such as lease rental payments during construction, legal fees, development costs, development fees, and title insurance.
4. Interconnection Customer charges identified in the Large Generator Interconnection Agreement. Excludes Network Upgrades.
5. Transmission substation located on land purchased by Duke Energy Florida, remainder of solar project occupies land leased to Duke Energy Florida.

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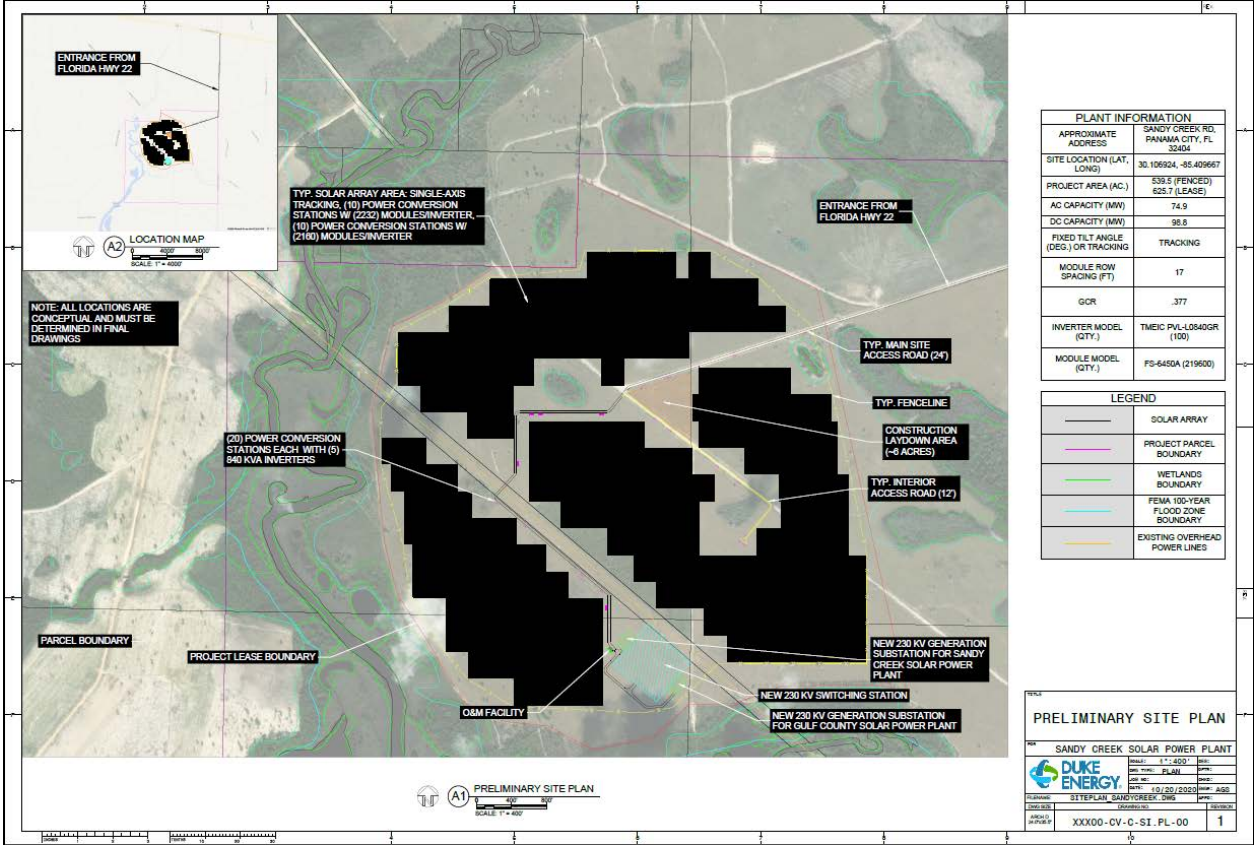
Duette Solar Power Plant Costs

**Duette Solar Project
Estimated Installed Cost by Category**

Estimated Costs (\$MM)	
Project Output (MW-ac)	74.5
Major Equipment ¹	
Balance of System ²	
Construction Management	1.2
Development and Permitting ³	6.1
Transmission Interconnect ⁴	2.2
Land ⁵	
Total Installed Cost	\$105.2
AFUDC	3.4
Total with AFUDC	\$108.6
Total (\$kW-ac)	1,457

1. Includes equipment such as solar panels and project transformer, and any other equipment that was not included in EPC contract.
2. Includes remaining equipment such as racking, posts, inverters, and collection cables and EPC services.
3. Includes items such as legal fees, development costs, development fees, and title insurance.
4. Interconnection Customer charges identified in the interconnection Facilities Study. Excludes Network Upgrades.
5. Project occupies land that will be purchased by Duke Energy Florida.

Exhibit No. ____ (MGS 9)
 Sandy Creek Solar Power Plant Site Plan



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Sandy Creek Solar Power Plant Costs

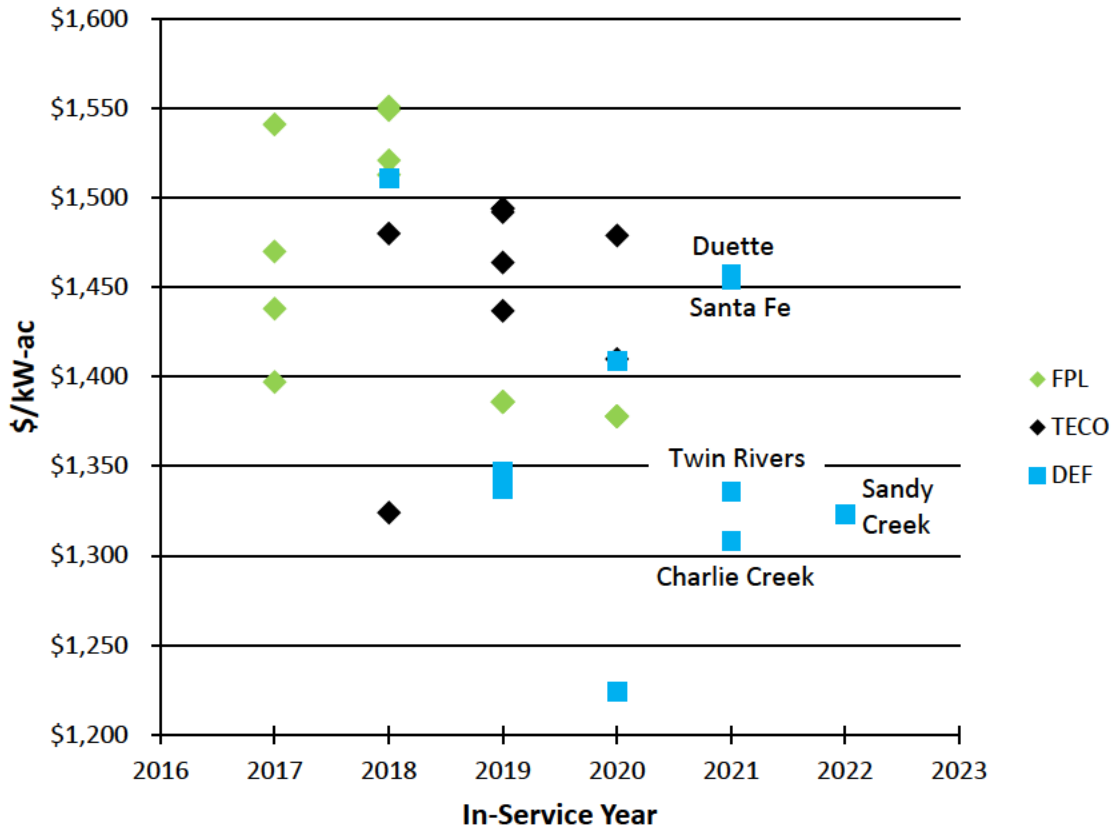
**Sandy Creek Solar Project
Estimated Installed Cost by Category**

Estimated Costs (\$MM)	
Project Output (MW-ac)	74.9
Major Equipment ¹	
Balance of System ²	
Construction Management	1.4
Development and Permitting ³	0.8
Transmission Interconnect ⁴	3.5
Land ⁵	
Total Installed Cost	\$95.9
AFUDC	3.2
Total with AFUDC	\$99.1
Total (\$kW-ac)	1,323

1. Includes equipment such as solar panels and project transformer, and any other equipment that was not included in EPC contract.
2. Includes remaining equipment such as racking, posts, inverters, and collection cables and EPC services.
3. Includes items such as lease rental payments during construction, legal fees, development costs, and title insurance.
4. Includes Interconnection Customer charges identified in the System Impact Study Report and associated with affected third-party systems. Excludes Network Upgrades.
5. Transmission substation located on land purchased by Duke Energy Florida, remainder of solar project occupies land leased to Duke Energy Florida.

Exhibit No. ____ (MGS-11)
Cost Comparison to Other Utilities

Solar Project Cost by IOU



IOU	Filing Year	Project	In Service Year	\$/kWac ¹
FPL	2017	Coral Farms	2017	\$1,438
	2017	Horizon	2017	\$1,470
	2017	Wildflower	2017	\$1,397
	2017	Indian River	2017	\$1,541
	2018	Loggerhead	2018	\$1,513
	2018	Barefoot Bay	2018	\$1,551
	2018	Hammock	2018	\$1,521
	2018	Blue Cypress	2018	\$1,549
	2018	Miami-Dade	2019	\$1,386 ²
	2018	Interstate	2019	\$1,386 ²
	2018	Pioneer Trail	2019	\$1,386 ²
	2018	Sunshine Gateway	2019	\$1,386 ²
	2019	Echo River	2020	\$1,378 ³
	2019	Southfork	2020	\$1,378 ³
	2019	Okeechobee	2020	\$1,378 ³
2019	Hibiscus	2020	\$1,378 ³	
TECO	2017	Payne Creek	2018	\$1,324
	2017	Balm	2018	\$1,480
	2018	Lithia Solar	2019	\$1,494
	2018	Grange Hall	2019	\$1,437
	2018	Peace Creek	2019	\$1,492
	2018	Bonnie Mine	2019	\$1,464
	2018	Lake Hancock	2019	\$1,494
	2019	Wimauma	2020	\$1,479
	2019	Little Manatee River	2020	\$1,410
DEF	2018	Hamilton	2018	\$1,511
	2018	Colombia	2020	\$1,409
	2019	Lake Placid	2019	\$1,347
	2019	Trenton	2019	\$1,337
	2019	Debary	2020	\$1,224
	2020	Twin Rivers	2021	\$1,336
	2020	Santa Fe	2021	\$1,454
	2020	Charlie Creek	2021	\$1,308
	2020	Duette	2021	\$1,457
	2020	Sandy Creek	2022	\$1,323

¹ \$/kWac is not a perfect metric due to the fact that not all utilities report total costs in the same way each project will have a different system design (DC and AC sizing). A higher DC to AC ratio will result in higher costs on a \$KW/ac basis but will produce more energy over the life of the project.

² Estimated average of \$1,386/kWac with a range of \$1,289 to \$1,460/kWac.

³ Estimated average of \$1,378/kWac with a range of \$1,339 to \$1,407/kWac.

**IN RE: DUKE ENERGY FLORIDA, LLC'S PETITION FOR A LIMITED
PROCEEDING TO APPROVE THIRD SOLAR BASE RATE ADJUSTMENT**

FPSC DOCKET NO. _____

DIRECT TESTIMONY OF BENJAMIN M. H. BORSCH

NOVEMBER 18, 2020

1 **Q. Please state your name and business address.**

2 A. My name is Benjamin M. H. Borsch. My business address is Duke Energy Florida,
3 LLC, 299 1st Avenue North, St. Petersburg, Florida 33701.

4

5 **Q. By whom are you employed and what is your position?**

6 A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company") as the
7 Director, IRP & Analytics.

8

9 **Q. Please describe your duties and responsibilities in that position.**

10 A. I am responsible for resource planning for DEF. I am responsible for directing the
11 resource planning process in an integrated approach in order to find the most cost-
12 effective alternatives to meet the Company's obligation to serve its customers in
13 Florida. I oversee the completion of the Company's Ten-Year Site Plan ("TYSP") filed
14 each April.

15

16 **Q. Please describe your educational background and professional experience.**

1 A. I received a Bachelor of Science and Engineering degree in Chemical Engineering from
2 Princeton University. I joined Progress Energy in 2008 supporting the project
3 management and construction department in the development of power plant projects.
4 In 2009, I became Manager of Generation Resource Planning for Progress Energy
5 Florida, and following the 2012 merger with Duke Energy Corporation, I accepted my
6 current position. Prior to joining Progress Energy, I was employed for more than five
7 years by Calpine Corporation where I was Manager (later Director) of Environmental
8 Health and Safety for Calpine's Southeastern Region. In this capacity, I supported
9 development and operations and oversaw permitting and compliance for several gas-
10 fired power plant projects in nine states. I was also employed for more than eight years
11 as an environmental consultant with projects including development, permitting, and
12 compliance of power plants and transmission facilities. I am a professional engineer
13 licensed in Florida and North Carolina.

14

15 **Q. Please give an overview of the Company's presentation in this filing.**

16 A. The Company is presenting testimony from three witnesses. My testimony will focus
17 on the Company's demonstration of cost effectiveness for the proposed projects and
18 their compliance with the terms set forth in DEF's 2017 Second Revised and Restated
19 Settlement (the "2017 Settlement"). Two other witnesses will be presenting testimony.
20 The testimony of Mr. Matthew G. Stout focuses on the characteristics of the solar
21 projects presented for approval in this filing. It also provides details as to the
22 Company's competitive solicitation processes, as well as the costs for the solar projects.

1 The testimony of Mr. Thomas G. Foster presents the revenue requirements for the solar
2 projects.

3

4 **Q. What is the purpose of your testimony?**

5 A. The purpose of my testimony is to present the results of the economic analysis which
6 shows that DEF's proposed five solar projects presented in this filing are cost effective
7 and consistent with the terms of the 2017 Settlement. My testimony covers several
8 areas. First, I discuss details of the five specific solar projects covered by this filing.
9 Second, I discuss the major assumptions and methodology used to perform the
10 economic analysis. Third, I present the results of the economic analysis, demonstrating
11 that the addition of the proposed solar projects is cost effective and consistent with the
12 terms of the 2017 Settlement.

13

14 **Q. Are you presenting exhibits in this proceeding?**

15 A. Yes. They consist of the following exhibits which are attached to my testimony:

16 Exhibit No. __ (BMHB-1), "Solar Power Plant Assumptions;"

17 Exhibit No. __ (BMHB-2), "Load Forecast;"

18 Exhibit No. __ (BMHB-3), "Fuel Forecasts;" and

19 Exhibit No. __ (BMHB-4), "Cost Effectiveness (CPVRR) Analysis Results."

20 These exhibits are true and accurate.

21

22 **Q. Please summarize your testimony.**

1 A. Under the terms of the 2017 Settlement, DEF is authorized to request cost recovery for
2 up to 700 MW of solar generation over the course of the 2017 Settlement period
3 including one year following the expiration of the Term of the 2017 Settlement subject
4 to the demonstration of cost effectiveness and other provisions. In this filing, DEF is
5 proposing the construction and operation of 355.8 MW_{ac} of solar PV generation,
6 consisting of five separate projects, two projects coming in service in early 2021 with
7 capacities of 74.9 MW_{ac} each and three projects, two with a capacity of 74.9 MW_{ac} and
8 one with a capacity of 74.5 MW_{ac}, with in-service dates between the fourth quarter of
9 2021 and first quarter of 2022. With respect to one of the last 74.9 MW projects, given
10 the megawatt limitation included in the 2017 Settlement, DEF is only proposing to
11 include costs associated with 56.6 MW of that project into rates at this time. DEF will
12 include the remaining 18.3 MW in its next base rate proceeding. As explained further
13 in the testimony of Matt Stout, the construction and operation of the full 74.9 MW
14 project is the best option for DEF's customers. DEF performed an economic analysis
15 and determined that these projects result in a reduction in the Cumulative Present Value
16 Revenue Requirements ("CPVRR") to DEF customers for a total savings of
17 approximately \$234 million.

18

19 **Q. Please describe the solar projects DEF is presenting for approval.**

20 A. In this filing, DEF proposes five solar facilities. The first is a 74.9 MW facility in
21 Hamilton County, called the Twin Rivers Solar Power Plant ("Twin Rivers Project")
22 which will come into service in early 2021. Next is a 74.9 MW facility located in
23 Columbia County called the Santa Fe Solar Power Plant ("Santa Fe Project"), which

1 will also come into service in early 2021. The next two facilities will come into service
2 in the fourth quarter of 2021. The last facility will come into service in the first quarter
3 of 2022. The Charlie Creek Solar Power Plant (“Charlie Creek Project”) is a 74.9 MW
4 facility located in Hardee County. The Duette Solar Power Plant (“Duette Project”) is
5 a 74.5 MW facility located in Manatee County. The Sandy Creek Solar Power Plant
6 (“Sandy Creek Project”) is a 74.9 MW facility located in Bay County, Florida (and as
7 explained above, only the costs associated with 56.6 MW will be included in rates for
8 SOBRA recovery). Collectively, these projects will generate approximately 876,000
9 MWhs per year. Key data regarding these projects are provided in Exhibit No. __
10 (BMHB-1). The projects are described in greater detail in Mr. Stout’s testimony.

11

12 **Q. What will these proposed solar projects cost?**

13 A. DEF anticipates that the Twin Rivers, Santa Fe, Charlie Creek, Sandy Creek, and
14 Duette Projects will cost approximately \$100 million, \$109 million, \$98 million, \$99
15 million, and \$109 million respectively. Of the \$99 million cost of the Sandy Creek
16 project, DEF is proposing to recover approximately \$75 million through this filing.
17 These costs translate to a per kW cost of \$1,336/kW_{ac} for Twin Rivers, \$1,454/kW_{ac}
18 for Santa Fe, \$1,308/kW_{ac} for Charlie Creek, \$1,457/kW_{ac} for Duette, and \$1,323/kW_{ac}
19 for Sandy Creek, respectively. This results in a weighted average per kW cost of
20 \$1,376/kW_{ac}. The costs are described in more detail in Mr. Stout’s testimony.

21

22 **Q. What does the 2017 Settlement require DEF to demonstrate to obtain cost**
23 **recovery for the solar projects?**

1 A. DEF must demonstrate that the projected solar projects in each filing meet several
2 required elements. The first demonstrates that the costs are reasonable and beneath a
3 threshold cost of \$1,650/kW_{ac} for the weighted average construction cost of the projects
4 in an individual filing. This element is met, as described above and in Mr. Stout's
5 testimony. DEF must also calculate the annual revenue requirements, as explained in
6 Mr. Foster's testimony. Finally, the solar projects must be limited to certain total MW
7 size through one year following the Term of the 2017 Settlement, be cost effective on
8 DEF's system, and DEF must demonstrate a need for the solar projects. The remainder
9 of my testimony will focus on these last three requirements.

10

11 **Q. Do the proposed solar projects meet the MW limitations set forth in the 2017**
12 **Settlement?**

13 A. Yes. Paragraph 15(a) of the 2017 Settlement states that DEF may install up to 700 MW
14 of solar generation over the term of the 2017 Settlement. Paragraph 15(d) provides
15 cost recovery limitations on those projects such that the installations can be spread
16 across the term in a particular manner, at a rate of up to 175 MW per year except that
17 unused portions of the total may carryover from year to year. Thus, up to a cumulative
18 total of 175 MW may come online by the end of 2018, a cumulative total of up to 350
19 MW may come online by the end of 2019, a cumulative total of up to 525 MW may
20 come online by the end of 2020, and the full 700 MW of solar projects may come online
21 by the end of 2021 or within one year following the Term of the 2017 Settlement. The
22 solar projects proposed here contribute 355.8 MW between 2021 and the first quarter
23 of 2022 added to the previously approved 344.2 MW placed in service in 2018, 2019

1 and 2020, so DEF is within the limitations set forth in the 2017 Settlement. The table
 2 below compares the limitations laid out in the settlement to the projects proposed by
 3 DEF in this filing and in our July 2018 and March 2019 filings.

DEF Proposed Solar MW					
Filing	2018 MW	2019 MW	2020 MW	2021 MW	2022 MW
July 2018	74.9		74.9		
March 2019		119.9	74.5		
May 2020				299.2	56.6*
Total	74.9	119.9	149.4	299.2	56.6
Cumulative Total	74.9	194.8	344.2	643.4	700.0
Limitation	175	350	525	700	700

4 *Only 56.6 of the 74.9 MW for the Sandy Creek Project are included for cost recovery
 5 purposes in this proceeding.
 6

7 **Q. Are the proposed solar projects cost effective?**

8 A. Yes. As explained below, DEF analyzed the total system cost of the DEF system with
 9 the projects as compared to the total DEF system costs without the projects and found
 10 that the solar projects as proposed reduce the total system cost and are thus cost
 11 effective for DEF's customers.

12
 13 **Q. How did DEF evaluate the cost effectiveness of the solar projects?**

14 A. DEF calculated the cost effectiveness in the same manner that it performs cost
 15 effectiveness evaluations of numerous projects including the development of the Ten-
 16 Year Site Plan. DEF calculates the total system cost projected over the life of the solar
 17 projects for a scenario with the solar projects and compares it to the total system cost
 18 calculated for a scenario without the solar projects. Lower total system costs for the
 19 scenario with the solar projects represents savings to DEF's customers. As with our
 20 Ten-Year Site Plan, this analysis is performed using the Planning and Risk suite of

1 modeling tools to evaluate the production cost results. Project specific capital costs
2 come from the project development teams and revenue requirements are then
3 developed. Finally, project specific solar performance projections are developed using
4 the PVSyst model and provided to the production cost model. This data becomes inputs
5 to derive the system costs for the two cases developed with and without the solar
6 projects in service.

7 In addition to the reference case assuming the base case fuel price projection
8 and a carbon emission cost beginning in 2025, DEF also performed sensitivities based
9 on low and high fuel price projections. Results of these differential CPVRR analyses,
10 the difference between with and without the solar projects are shown below and in
11 Exhibit No. __ (BMHB-4). The fuel price forecasts are shown in Exhibit No. __
12 (BMHB-3) attached to this testimony.

13 **Q. Please describe the major assumptions used in developing the CPVRR analyses.**

- 14 • Load Forecast – The analysis uses DEF’s most recent official load forecast
15 developed in the fall of 2019, which was presented as the base case load forecast in
16 the DEF 2020 Ten-Year Site Plan (“TYSP”) filed with the commission in April
17 2020. This load forecast is attached as Exhibit No. __ (BMHB-2).
- 18 • Fuel Price Forecast – The reference case analyses use DEF’s most recent fuel price
19 forecast also utilized in DEF’s 2020 TYSP. The base case fuel price forecast was
20 developed using short-term and long-term spot market price projections from
21 industry-recognized sources. The base cost for coal is based on the existing
22 contracts and spot market coal prices and transportation arrangements between
23 DEF and its various suppliers. For the longer term, the prices are based on spot

1 market forecasts reflective of expected market conditions. Oil and natural gas
2 prices are estimated based on current and expected contracts and spot purchase
3 arrangements as well as near-term and long-term market forecasts. Oil and natural
4 gas commodity prices are driven primarily by open market forces of supply and
5 demand. Natural gas firm transportation cost is determined primarily by pipeline
6 tariff rates. For the low and high fuel price scenarios, DEF developed ranges of
7 natural gas and coal prices around the reference forecast based on the range of
8 prices seen in the Energy Information Administration's high price (Low Oil and
9 Gas Resource and Technology Case) and low price (High Oil and Gas Resource
10 and Technology Case) forecasts.

- 11 • CO₂ Emissions Price Forecast – The CO₂ allowance price projections used in this
12 filing are also DEF's latest projections used in the development of the 2020
13 TYSP. DEF's price projections are a proxy for regulations consistent with the
14 Duke enterprise level goal to reduce CO₂ emissions 50% by 2030 compared to 2005
15 levels.

16
17 **Q. What are the results of DEF's cost effectiveness evaluation for these projects?**

18 A. DEF has found that the projects are cost effective for its customers. The total system
19 costs calculated over the project lives when including the projects in the DEF resource
20 plan are lower when compared to the total system costs excluding the projects. The net
21 results of this analysis (system costs with the projects minus system costs without the
22 projects) are summarized in the table below and in Exhibit No. ___ (BMHB-4).

23

CPVRR Net Cost / (Savings) of Proposed Solar Projects
\$ Millions (2020)

Low Fuel Sensitivity	Base Case Fuel	High Fuel Sensitivity
(177)	(234)	(376)

1

2 **Q. What benefits do the proposed solar facilities bring to DEF's system and**
3 **customers?**

4 A. The primary purpose of the proposed DEF solar projects is to provide customers with
5 cost-effective, clean, renewable energy. These large-scale solar projects will diversify
6 DEF's fuel mix with dependable energy, and provide firm summer capacity, helping to
7 meet DEF's needs for future capacity and satisfy DEF's need for future generation
8 capacity.

9

10 **Q. Given all these benefits, does DEF have a need for these solar projects?**

11 A. Yes. DEF has a need for cost-effective clean generation that will diversify its fuel mix
12 and defer the need for future gas-fired generation.

13

14 **Q. Should the Commission approve DEF's request for approval of this first group of**
15 **solar projects?**

16 A. Yes. As demonstrated above, these solar projects are cost effective and will provide
17 DEF's customers with additional 355.8 MW of clean, reliable, renewable energy to
18 meet its needs.

19

1 Q. Does that conclude your testimony?

2 A. Yes.

Solar Power Plant Assumptions					
Solar Energy Centers	In-service date	Name Plate Capacity (Mwac)	Projected 1st Year Net Capacity Factor	Capital Cost (\$M)	Capital Cost (\$/Kwac)
Santa Fe	Jan-21	74.9	28.6%	\$108.91	\$ 1,454
Twin Rivers	Jan-21	74.9	27.2%	\$100.04	\$ 1,336
Duette	Dec-21	74.5	27.6%	\$108.57	\$ 1,457
Charlie Creek	Dec-21	74.9	28.9%	\$97.95	\$ 1,308
Sandy Creek	Apr-22	56.6	28.1%	\$99.12	\$ 1,323

Load Forecast			
Year	Summer Firm Peak MW	Winter Firm Peak MW	Net Energy for Load Mwh
2020	8,915	9,406	43,644,906
2021	8,946	8,789	43,939,025
2022	9,007	9,167	44,591,037
2023	8,735	8,922	44,535,781
2024	8,769	9,012	44,880,342
2025	8,588	8,777	44,720,775
2026	8,612	8,880	44,954,812
2027	8,666	8,941	45,267,934
2028	8,759	9,003	45,777,936
2029	8,829	9,038	46,123,759
2030	8,904	9,091	46,525,804
2031	8,940	9,036	45,949,137
2032	9,031	9,222	46,468,945
2033	9,102	9,249	46,838,648
2034	9,191	9,316	47,322,026
2035	9,283	9,379	47,807,095
2036	8,984	9,075	48,371,288
2037	9,067	9,109	48,795,901
2038	9,158	9,173	49,285,725
2039	9,294	9,236	49,776,860
2040	9,405	9,338	50,380,732
2041	9,494	9,358	50,821,460
2042	9,570	9,336	51,310,772
2043	9,679	9,491	51,855,627
2044	9,985	9,594	52,453,876

Fuel Forecasts											
Fuel Mid Price Forecast (2020 TYSP)				Fuel High Price Forecast (2020 TYSP)				Fuel Low Price Forecast (2020 TYSP)			
Year	Natural Gas Base Cost Regular Supply Z3	CRN Coal	Distillate Oil	Year	Natural Gas Base Cost Regular Supply Z3	CRN Coal	Distillate Oil	Year	Natural Gas Base Cost Regular Supply Z3	CRN Coal	Distillate Oil
\$/MMBTU				\$/MMBTU				\$/MMBTU			
2020	2.41	2.12	14.13	2020	2.41	2.12	14.13	2020	2.41	2.12	14.13
2021	2.45	2.18	13.89	2021	2.48	2.18	13.89	2021	2.45	2.18	13.89
2022	2.52	2.26	14.14	2022	2.76	2.26	14.14	2022	2.52	2.26	14.14
2023	2.60	2.43	14.32	2023	3.21	2.43	14.32	2023	2.60	2.43	14.32
2024	2.75	2.52	14.60	2024	3.79	2.53	14.60	2024	2.70	2.52	14.60
2025	2.99	2.72	14.96	2025	4.15	2.75	14.96	2025	2.86	2.71	14.96
2026	3.28	2.88	15.53	2026	4.58	2.93	15.53	2026	3.07	2.85	15.53
2027	3.68	3.09	16.18	2027	5.03	3.16	16.18	2027	3.38	3.05	16.18
2028	4.20	3.33	16.93	2028	5.60	3.40	16.93	2028	3.70	3.28	16.93
2029	4.58	3.44	17.62	2029	6.05	3.51	17.62	2029	3.98	3.38	17.62
2030	4.80	3.55	18.06	2030	6.34	3.65	18.06	2030	4.13	3.51	18.06
2031	5.08	3.96	18.46	2031	6.80	4.04	18.46	2031	4.40	3.91	18.46
2032	5.37	4.11	18.88	2032	7.14	4.18	18.88	2032	4.54	4.04	18.88
2033	5.34	4.25	19.31	2033	7.09	4.33	19.31	2033	4.51	4.18	19.31
2034	5.57	4.37	19.75	2034	7.54	4.47	19.75	2034	4.66	4.33	19.75
2035	5.78	4.43	20.20	2035	7.89	4.51	20.20	2035	4.83	4.37	20.20
2036	5.86	4.53	20.66	2036	7.99	4.61	20.66	2036	4.82	4.45	20.66
2037	6.26	4.67	21.14	2037	8.64	4.77	21.14	2037	5.13	4.59	21.14
2038	6.56	4.80	21.54	2038	9.15	4.91	21.54	2038	5.36	4.71	21.54
2039	6.68	4.96	21.93	2039	9.28	5.09	21.93	2039	5.44	4.86	21.93
2040	6.97	5.10	22.07	2040	9.85	5.26	22.07	2040	5.60	5.01	22.07
2041	7.21	5.24	22.64	2041	10.29	5.42	22.64	2041	5.80	5.18	22.64
2042	7.47	5.39	23.22	2042	10.74	5.58	23.22	2042	5.97	5.35	23.22
2043	7.65	5.53	23.42	2043	11.14	5.75	23.42	2043	6.04	5.51	23.42
2044	7.95	5.67	24.02	2044	11.33	5.92	24.02	2044	6.25	5.64	24.02
2045	8.39	5.82	24.22	2045	11.95	6.04	24.22	2045	6.54	5.75	24.22
2046	8.71	5.96	24.83	2046	12.57	6.21	24.83	2046	6.76	5.91	24.83
2047	8.85	6.10	25.45	2047	13.04	6.40	25.45	2047	6.85	6.03	25.45
2048	9.14	6.25	25.64	2048	13.55	6.56	25.64	2048	6.96	6.13	25.64
2049	9.36	6.39	26.28	2049	13.90	6.72	26.28	2049	7.01	6.25	26.28
2050	9.45	6.53	26.29	2050	14.22	6.88	26.29	2050	7.05	6.39	26.29
2051	9.69	6.69	26.95	2051	14.57	7.06	26.95	2051	7.23	6.55	26.95

Cost Effectiveness (CPVRR) Analysis Results			
CPVRR Through Year 2051 2020\$M	Tranche 3 Cases - Tranche 2 Cases		
	Low Fuel Prices	Mid Fuel Prices	High Fuel Prices
Santa Fe	155	155	155
Twin Rivers	144	144	144
Duette	122	122	122
Charlie Creek	132	132	132
Sandy Creek	102	102	102
Conventional Generation	(217)	(217)	(217)
Fuel Cost	(378)	(435)	(571)
Variable Costs	(40)	(40)	(39)
Environmental Costs without Carbon	(1)	(1)	(2)
Total Solar Savings before CO2 Costs	20	(37)	(173)
CO2 Cost	(197)	(197)	(203)
CPVRR (Savings)	(177)	(234)	(376)

**IN RE: DUKE ENERGY FLORIDA, LLC'S PETITION FOR A LIMITED
PROCEEDING TO APPROVE THIRD SOLAR BASE RATE ADJUSTMENT**

FPSC DOCKET NO. _____

DIRECT TESTIMONY OF THOMAS G. FOSTER

NOVEMBER 18, 2020

1 **Q. Please state your name and business address.**

2 A. My name is Thomas G. Foster. My business address is Duke Energy Florida, LLC, 299
3 1st Avenue North, St. Petersburg, Florida 33701.

4
5 **Q. By whom are you employed and what is your position?**

6 A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company") as Director
7 of Rates and Regulatory Planning.

8
9 **Q. Please describe your duties and responsibilities in that position.**

10 A. I am responsible for regulatory planning and cost recovery for Duke Energy Florida,
11 LLC ("DEF"), including the Company's filing for recovery of its investments in solar
12 projects.

13
14 **Q. Please describe your educational background and professional experience.**

15 A. I joined the Company on October 31, 2005 in the Regulatory group. In 2012, following
16 the merger with Duke Energy Corporation ("Duke Energy"), I was promoted to my

1 current position. I have 6 years of experience related to the operation and maintenance
2 of power plants obtained while serving in the United States Navy as a Nuclear Operator.
3 I received a Bachelor of Science degree in Nuclear Engineering Technology from
4 Thomas Edison State College. I received a Masters of Business Administration with a
5 focus on finance from the University of South Florida and I am a Certified Public
6 Accountant in the State of Florida.

7

8 **Q. What is the purpose of your testimony?**

9 A. The purpose of my testimony is to provide the annualized revenue requirements for the
10 five solar projects included in DEF's third SoBRA filing: Twin Rivers Solar Power
11 Plant ("Twin Rivers Project"), Santa Fe Solar Power Plant ("Santa Fe Project"), Charlie
12 Creek Solar Power Plant ("Charlie Creek Project"), Duette Solar Power Plant ("Duette
13 Project"), and Sandy Creek Solar Power Plant ("Sandy Creek Project"). I will also
14 present the process for submitting the customer rate impacts and tariff sheets in
15 separate filings. Matthew Stout will present direct testimony describing the solar
16 projects and the reasonableness of the costs, and Benjamin Borsch will present direct
17 testimony demonstrating the cost effectiveness of the solar projects.

18

19 **Q. Have you prepared, or caused to be prepared under your direction, supervision,
20 or control, exhibits in this proceeding?**

21 A. Yes. I am sponsoring the following exhibit:

22 Exhibit No. ____ (TGF-1), "SoBRA III First Year Annualized Revenue Requirement."

23 This exhibit is true and accurate.

1 **Q. Please describe the SoBRA filing requirements in DEF’s 2017 Revised and**
2 **Restated Settlement Agreement.**

3 A. Paragraph 15 of the 2017 Revised and Restated Settlement Agreement (“2017
4 Settlement”) provides for solar base rate adjustments. Specifically, Paragraph 15.c.
5 states:

6 Solar generation projects not subject to the Florida Electrical Power
7 Plant Siting Act (i.e., fewer than 75 MW), also will be subject to
8 approval by the Commission as follows: (i) DEF will file a request
9 for approval of the solar generation project in a separate docket; and
10 (ii) the issues for determination are limited to: the reasonableness
11 and cost effectiveness of the solar generation projects (i.e., will the
12 projects lower the projected system cumulative present value
13 revenue requirement “CPVRR” as compared to such CPVRR
14 without the solar projects); the amount of revenue requirements; and
15 whether, when considering all relevant factors, DEF needs the solar
16 project(s). Any Party may challenge the reasonableness of DEF’s
17 actual or projected solar project costs. If approved, DEF will
18 calculate and submit for Commission confirmation the base rate
19 adjustment for each such solar project, consistent with
20 Subparagraphs 15.e. and 15.f.

21

22 **Q. Have you calculated the revenue requirements for the solar projects consistent**
23 **with the 2017 Settlement?**

1 A. Yes. Based on the cost information provided in Mr. Stout’s testimony, I have
2 calculated the annualized revenue requirements for the Twins River, Santa Fe, Charlie
3 Creek, Duette, and Sandy Creek Projects. The annualized revenue requirements have
4 been calculated in accordance with Paragraph 15.f. of the 2017 Settlement, which
5 requires that the revenue requirements be “calculated using a 10.5% ROE and DEF’s
6 projected 13-month average capital structure for the first 12 months of operation,
7 including all specific adjustments consistent with DEF’s most recently filed December
8 earnings surveillance report, and excluding the treatment of common equity and rate
9 base (working capital) allowed in Paragraph 18 of the 2013 Settlement Agreement, and
10 adjusted to include an ADIT proration adjustment consistent with 26 C.F.R. Section
11 1.167(l)-1(h)(6) and adjusted to reflect the inclusion of investment tax credits on a
12 normalized basis.” Further, as required by Paragraph 12.c. of the 2017 Settlement,
13 DEF has calculated the revenue requirements using the lower 21% federal income tax
14 rate as a result of the 2017 Tax Cuts and Jobs Act. The following table provides the
15 expected in-service date, rate effective date, projected revenue requirement and
16 estimated residential rate impact for each project.

17
18
19
20
21
22
23

	Twin Rivers	Santa Fe	Charlie Creek	Duette	Sandy Creek
Expected In-Service Date	Jan-21	Jan-21	Dec-21	Dec-21	April-22
Rate Effective Date	Feb-21	Feb-21	Jan-22	Jan-22	May-22
Est. Revenue Requirement	\$13.1 million	\$13.9 million	\$12.5 million	\$13.4 million	\$9.7 million
Est. Residential Rate \$/1,000 kWh	\$0.38*	\$0.40*	\$0.38 **	\$0.40**	\$0.30**

* Updated with DEF's 2020 Capacity Cost Recovery Clause projection filing for 2021 Rates.

** To be updated at the time of DEF's 2021 Capacity Cost Recovery Clause projection filing for 2022 Rates.

1 **Q. How did you calculate the revenue requirements for the Sandy Creek Project?**

2 A. As explained in Mr. Stout's and Mr. Borsch's testimonies, the Company selected the
3 Sandy Creek Project as the most cost-effective alternative to meet its need. However,
4 since the total project size of 74.9 MW would put the total SoBRA projects over the
5 700 MW provided for in the 2017 Settlement, DEF is only including the revenue
6 requirements associated with 56.6 MW of the Sandy Creek Project be included in the
7 solar base rate adjustment at this time. The revenue requirement for Sandy Creek was
8 calculated in the same manner as the other four SoBRA projects in this filing, however,
9 both the Capital and O&M costs were reduced to reflect 75.6% of the total cost, based
10 on dividing 56.6MW by 74.9MW.

11

12 **Q. Does the 2017 Settlement provide for a true-up mechanism to be applied to SoBRA**
13 **rates?**

1 A. Yes. Paragraph 15.g. of the 2017 Settlement states, “In the event that the actual capital
2 expenditures are less than the approved projected costs, included in the petition for cost
3 recovery and used to develop the initial base rate adjustment, the lower figure shall be
4 the basis for the full revenue requirements and a one-time credit will be made through
5 the CCR Clause. In order to determine the amount of this credit, a revised base rate
6 adjustment will be computed using the same data and methodology incorporated in the
7 initial base rate adjustment, with the exception that the actual capital expenditures will
8 be used in lieu of the capital expenditures on which the Annualized Base Revenue
9 Requirement was based. On a going-forward basis, base rates will be adjusted to reflect
10 the revised base rate adjustment. The difference between the cumulative base revenues
11 since the implementation of the initial base rate adjustment and the cumulative base
12 revenues that would have resulted if the revised base rate adjustment had been in-place
13 during the same time period will be credited to customers through the CCR Clause with
14 interest at the 30-day commercial paper rate as specified in Rule 25-6.109, F.A.C.”
15 Once the capital expenditures are final, if they are less than the amount approved by
16 the Commission, then DEF will make a true-up filing to reduce base rates going
17 forward and provide a refund through the CCR clause consistent with the provisions in
18 Paragraph 15.g. of the 2017 Settlement.

19
20 **Q. Have you calculated the solar base rate adjustment factors consistent with the**
21 **2017 Settlement for Twin Rivers and Santa Fe?**

22 A. Yes. Paragraph 15.e in the 2017 Settlement requires DEF to use the sales forecast in
23 DEF’s then-most-current Capacity Cost Recovery (CCR) Clause projection filing; the

1 2020 CCR projection filing for 2021 rates was filed on September 3, 2020. Therefore,
2 , concurrent with this SoBRA filing, DEF will file a rate exhibit that includes the rates
3 to be effective February 2021 for Twin Rivers and Santa Fe.

4

5 **Q. Have you calculated the solar base rate adjustment factors consistent with the**
6 **2017 Settlement for Duette, Charlie Creek, and Sandy Creek?**

7 A. Not at this time. As stated above, Paragraph 15.e in the 2017 Settlement requires DEF
8 to use the sales forecast in DEF's then-most-current Capacity Cost Recovery (CCR)
9 Clause projection filing. The rates for Charlie Creek and Duette will be effective
10 January 2022 and Sandy Creek will be effective May 2022, therefore the factors will
11 be filed with the sales forecast to be used in DEF's 2021 CCR projection filing for 2022
12 rates.

13

14 **Q. When will DEF file the tariff sheets?**

15 A. In order to promote efficiency and avoid having multiple sets of tariff sheets
16 outstanding for approval, DEF proposes to file two different sets of tariff sheets at two
17 different times. At this time, DEF will file tariff sheets with an effective date of
18 February 1, 2021 for Twin Rivers and Santa Fe using DEF's 2020 CCR projection
19 filing for 2021 rates. DEF will file tariff sheets with an effective date of January 1,
20 2022 to include Charlie Creek and Duette, and May 1, 2022 for Sandy Creek, after the
21 rates go into effect for Twin Rivers and Santa Fe in 2021, concurrent with DEF's 2021
22 CCR projection filing for 2022 rates. DEF will file both sets of tariff sheets for
23 Commission confirmation pursuant to Paragraph 15.c. of the 2017 Settlement.

1

2 **Q. What is the estimated residential base rate impact of Twin Rivers, Santa Fe,**
3 **Charlie Creek, Duette, and Sandy Creek?**

4 A. The estimated residential base rate impacts are shown in the table on page 5 of my
5 testimony. These estimated rate impacts are based on the sales forecast used in DEF's
6 2020 CCR projection filing for 2021 rates. However, these rates will be updated based
7 on the sales forecast to be used in DEF's 2021 CCR projection filing for 2022 rates for
8 Charlie Creek, Duette, and Sandy Creek at the time of those filings, as explained above.

9

10 **Q. How will DEF notify the Commission of the commercial operation date of each**
11 **solar facility?**

12 A. DEF will submit to the Commission a letter that declares the commercial operation date
13 of each solar facility prior to any Solar base rate changes.

14

15 **Q. Does that conclude your testimony?**

16 A. Yes.

Duke Energy Florida, LLC
SoBRA 3 First Year Annualized Revenue Requirement
(\$000)

Docket No.
Witness: T.G. Foster
Exhibit No. ____ (TGF-1)
Page 1 of 6

Description	Reference	Twin Rivers	Santa Fe	Charlie Creek	Duette	Sandy Creek ^(Note 2)
1 Jurisdictional Adjusted Rate Base	Pages 2 & 3	\$ 95,333	\$ 103,788	\$ 93,346	\$ 103,467	\$ 71,384
2 Rate of Return on Rate Base	Pages 4, 5 & 6	<u>6.430%</u>	<u>6.430%</u>	<u>6.460%</u>	<u>6.460%</u>	<u>6.480%</u>
3 Net Operating Income Required	Line 1 x Line 2	6,130	6,674	6,030	6,684	4,626
4 Net Operating Income Achieved	Pages 2 & 3	<u>(3,710)</u>	<u>(3,782)</u>	<u>(3,250)</u>	<u>(3,284)</u>	<u>(2,577)</u>
5 Net Operating Income Deficiency/(Excess)	Line 3 - Line 4	9,840	10,456	9,280	9,968	7,203
6 Net Operating Income Multiplier	Note (1)	<u>1.330</u>	<u>1.330</u>	<u>1.344</u>	<u>1.344</u>	<u>1.344</u>
7 Revenue Requirement	Line 5 x Line 6	<u>\$ 13,083</u>	<u>13,902</u>	<u>\$ 12,475</u>	<u>\$ 13,400</u>	<u>\$ 9,683</u>

Note 1: Net Operating Income Multiplier is based on MFR C-44 in Docket No. 20090079, except federal tax rate changed to 21%, state tax rate 4.458% for 2021, and 5.5% for 2022.
The Florida corporate income/franchise tax rate was reduced from 5.5% to 4.458% for taxable years beginning on or after January 1, 2019 through 2021, and will to revert back to 5.5% on January 1, 2022.

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Net Plant (13 month average):	Twin Rivers		Santa Fe		Jurisd. Factor
	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	
1 Solar Production Plant	\$ 98,993	\$ 95,929	\$ 107,853	\$ 104,515	96.905%
2 Accumulated Reserve - Solar Production Plant	(1,650)	(1,599)	(1,798)	(1,742)	96.905%
3 Transmission GSU	1,045	1,012	1,057	1,024	96.905%
4 Accumulated Reserve - Transmission GSU	(9)	(9)	(10)	(9)	96.905%
5 Net Plant	\$ 98,378	\$ 95,333	\$ 107,103	\$ 103,788	
Operating Expenses:					
	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	
6 O&M	\$ 1,303	\$ 1,263	\$ 1,027	\$ 995	96.905%
7 Depreciation Expense - Solar Production Plant	3,300	3,198	3,595	3,484	96.905%
8 Depreciation Expense - Transmission GSU	19	18	19	19	96.905%
9 Dismantlement	193	187	215	209	96.905%
10 Property Insurance	122	118	133	129	96.905%
11 Property Tax	368	356	434	421	96.905%
12 Total Operating Expenses	\$ 5,304	\$ 5,140	\$ 5,424	\$ 5,256	
13 Jurisdictional Interest Expense		\$ 1,649		\$ 1,796	
14 Operating Expenses		<u>FPSC Jurisd.</u> \$ (5,140)		<u>FPSC Jurisd.</u> \$ (5,256)	
15 Income Tax - Operating Expenses (Line 12 x tax rate)		\$ 1,026		\$ 1,033	Blend
16a Income Tax - Current Interest Expense (Line 13 x tax rate)		74		80	4.458%
16b Income Tax - Deferred Interest Expense (Line 13 x tax rate)		331		360	20.064%
17 Total Income Tax		\$ 1,430		\$ 1,473	
18 Jurisdictional Net Operating Income (Line 14 + Line 17)		<u>\$ (3,710)</u>		<u>\$ (3,782)</u>	

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Net Plant (13 month average):	Charlie Creek		Duette		Sandy Creek		Jurisd. Factor
	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	
1 Solar Production Plant	\$ 96,751	\$ 93,757	\$ 107,372	\$ 104,049	\$ 73,999	\$ 71,708	96.905%
2 Accumulated Reserve - Solar Production Plant	(1,613)	(1,563)	(1,790)	(1,734)	(1,233)	(1,195)	96.905%
3 Transmission GSU	1,200	1,163	1,200	1,163	907	879	96.905%
4 Accumulated Reserve - Transmission GSU	(11)	(11)	(11)	(11)	(8)	(8)	96.905%
5 Net Plant	\$ 96,328	\$ 93,346	\$ 106,772	\$ 103,467	\$ 73,664	\$ 71,384	
Operating Expenses:							
	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	Total Company	FPSC Jurisd.	
6 O&M	\$ 961	\$ 931	\$ 625	\$ 606	\$ 892	\$ 865	96.905%
7 Depreciation Expense - Solar Production Plant	3,225	3,125	3,579	3,468	2,467	2,390	96.905%
8 Depreciation Expense - Transmission GSU	22	21	22	21	16	16	96.905%
9 Dismantlement	261	253	253	245	199	193	96.905%
10 Property Insurance	119	116	132	128	91	88	96.905%
11 Property Tax	304	294	370	359	202	196	96.905%
12 Total Operating Expenses	\$ 4,891	\$ 4,740	\$ 4,981	\$ 4,827	\$ 3,868	\$ 3,748	
13 Jurisdictional Interest Expense		\$ 1,606		\$ 1,780		\$ 1,228	
14 Operating Expenses		FPSC Jurisd. \$ (4,740)		FPSC Jurisd. \$ (4,827)		FPSC Jurisd. \$ (3,748)	
15 Income Tax - Operating Expenses (Line 12 x tax rate)		\$ 1,083		\$ 1,092		\$ 859	Blend
16a Income Tax - Current Interest Expense (Line 13 x tax rate)		88		98		68	5.50%
16b Income Tax - Deferred Interest Expense (Line 13 x tax rate)		319		353		244	19.85%
17 Total Income Tax		\$ 1,490		\$ 1,543		\$ 1,170	
18 Jurisdictional Net Operating Income (Line 14 + Line 17)		<u>(3,250)</u>		<u>(3,284)</u>		<u>(2,577)</u>	

Projects: Twin Rivers and Santa Fe

	System Per Sys Per Book	Proration Adjustment	System Per Books Adj'd	Retail Per Books	Pro Rata Adj	Specific Adj	Adjusted Retail	Cap Ratio	Cost Rate	Weighted Cost
1 Common Equity	\$7,866,864	\$ 2,278	\$ 7,869,142	\$ 7,126,530	\$ (365,478)	\$ (13,612)	\$ 6,747,440	43.91%	10.50%	4.61%
2 Long Term Debt	\$7,009,924	2,030	7,011,954	6,350,235	(325,667)		6,024,568	39.20%	4.37%	1.71%
3 Short Term Debt	(\$80,997)	(23)	(81,021)	(73,375)	3,763		(69,612)	-0.45%	1.86%	-0.01%
4 Cust Dep Active	\$199,531	58	199,589	199,589	(10,236)		189,353	1.23%	2.37%	0.03%
5 Cust Dep InActive	\$1,680	0	1,680	1,680	(86)		1,594	0.01%		
6 Invest Tax Cr	\$215,903	63	215,966	195,585	(10,030)		185,555	1.21%	7.61%	0.09%
7 Deferred Inc Tax	\$2,958,651	(4,405)	2,954,246	2,675,453	(137,208)	(249,259)	2,288,986	14.89%		
8 Total	\$ 18,171,556	\$ -	\$ 18,171,556	\$ 16,475,698	\$ (844,943)	\$ (262,871)	\$ 15,367,884	100.00%		6.43%

Proration Adjustment to Reflect Projected ADFIT Consistent with Projection Year

	Month	ADIT Bal.	Deprec-Related ADFIT Bal.	Deprec-Related ADFIT Activity	Days to Prorate	Future Days in Period	Prorated Deprec-Related ADFIT Activity	Prorated Deprec-Related ADFIT Bal.
9	Feb-21	\$ 2,973,506	\$ 2,139,487					\$ 2,139,487
10 projected	Mar-21	\$ 2,974,118	\$ 2,148,325	\$ 8,838	28	338	\$ 8,184	2,147,671
11 projected	Apr-21	\$ 2,972,864	\$ 2,153,124	4,800	31	307	4,037	2,151,708
12 projected	May-21	\$ 2,974,157	\$ 2,156,466	3,342	30	277	2,536	2,154,244
13 projected	Jun-21	\$ 2,972,297	\$ 2,160,839	4,373	31	246	2,947	2,157,191
14 projected	Jul-21	\$ 2,951,032	\$ 2,165,238	4,399	30	216	2,603	2,159,794
15 projected	Aug-21	\$ 2,948,494	\$ 2,171,830	6,593	31	185	3,341	2,163,136
16 projected	Sep-21	\$ 2,946,321	\$ 2,178,376	6,546	31	154	2,762	2,165,897
17 projected	Oct-21	\$ 2,945,125	\$ 2,187,052	8,676	30	124	2,947	2,168,845
18 projected	Nov-21	\$ 2,945,908	\$ 2,198,379	11,327	31	93	2,886	2,171,731
19 projected	Dec-21	\$ 2,948,510	\$ 2,214,850	16,471	30	63	2,843	2,174,574
20 projected	Jan-22	\$ 2,951,965	\$ 2,227,448	12,598	31	32	1,104	2,175,678
21 projected	Feb-22	\$ 2,958,165	\$ 2,240,124	12,676	31	1	35	2,175,713
22 13 Mo Avg Bal		\$ 2,958,651	\$ 2,180,118		<u>365</u>		\$ 36,226	\$ 2,175,713
23							13 Mo Avg Bal	<u>2,180,118</u>
24							Proration Adj.	<u>\$ (4,405)</u>

Projects: Charlie Creek and Duette

	System Per Sys Per Book	Proration Adjustment	System Per Books Adj'd	Retail Per Books	Pro Rata Adj	Specific Adj	Adjusted Retail	Cap Ratio	Cost Rate	Weighted Cost
1 Common Equity	\$8,325,711	\$ 2,183	\$ 8,327,894	\$ 7,528,413	\$ (320,188)	\$ (12,922)	\$ 7,195,304	44.21%	10.50%	4.64%
2 Long Term Debt	\$7,439,321	1,951	7,441,271	6,726,907	(286,099)		6,440,808	39.57%	4.31%	1.70%
3 Short Term Debt	(\$118,591)	(31)	(118,622)	(107,235)	4,561		(102,674)	-0.63%	1.82%	-0.01%
4 Cust Dep Active	\$199,531	52	199,584	199,584	(8,488)		191,095	1.17%	2.37%	0.03%
5 Cust Dep InActive	\$1,680	0	1,680	1,680	(71)		1,609	0.01%		
6 Invest Tax Cr	\$247,540	65	247,605	223,835	(9,520)		214,315	1.32%	7.57%	0.10%
7 Deferred Inc Tax	\$2,973,655	(4,220)	2,969,434	2,684,368	(114,168)	(234,409)	2,335,791	14.35%		
8 Total	\$ 19,068,846	\$ -	\$ 19,068,846	\$17,257,552	\$ (733,974)	\$ (247,331)	\$ 16,276,248	100.00%		6.46%

Proration Adjustment to Reflect Projected ADFIT Consistent with Projection Year:

	Month	ADIT Bal.	Deprec-Related ADFIT Bal.	Deprec-Related ADFIT Activity	Days to Prorate	Future Days in Period	Prorated Deprec-Related ADFIT Activity	Prorated Deprec-Related ADFIT Bal
9	Jan-22	\$ 2,951,965	\$ 2,129,782					\$ 2,129,782
10 projected	Feb-22	\$ 2,958,165	\$ 2,139,487	\$ 9,705	31	335	\$ 8,907	2,138,689
11 projected	Mar-22	\$ 2,964,434	\$ 2,148,325	8,838	28	307	7,433	2,146,123
12 projected	Apr-22	\$ 2,969,779	\$ 2,153,124	4,800	31	276	3,629	2,149,752
13 projected	May-22	\$ 2,970,829	\$ 2,156,466	3,342	30	246	2,252	2,152,004
14 projected	Jun-22	\$ 2,970,328	\$ 2,160,839	4,373	31	215	2,576	2,154,580
15 projected	Jul-22	\$ 2,970,923	\$ 2,165,238	4,399	30	185	2,230	2,156,809
16 projected	Aug-22	\$ 2,971,547	\$ 2,171,830	6,593	31	154	2,782	2,159,591
17 projected	Sep-22	\$ 2,974,504	\$ 2,178,376	6,546	31	123	2,206	2,161,797
18 projected	Oct-22	\$ 2,977,550	\$ 2,187,052	8,676	30	93	2,211	2,164,007
19 projected	Nov-22	\$ 2,982,724	\$ 2,198,379	11,327	31	62	1,924	2,165,931
20 projected	Dec-22	\$ 2,990,717	\$ 2,214,850	16,471	30	32	1,444	2,167,376
21 projected	Jan-23	\$ 3,004,046	\$ 2,227,448	12,598	31	1	35	2,167,410
22	13 Mo Avg Bal	\$ 2,973,655	\$ 2,171,630		365		\$ 37,628	\$ 2,167,410
23							13 Mo Avg Bal	2,171,630
24							Proration Adj.	\$ (4,220)

Duke Energy Florida, LLC
 SoBRA 3 First Year Annualized Revenue Requirement
 Rate of Return on Rate Base and Accumulated Deferred Income Tax Calculation
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Project: Sandy Creek

	System Per Sys Per Book	Proration Adjustment	System Per Books Adj'd	Retail Per Books	Pro Rata Adj	Specific Adj	Adjusted Retail	Cap Ratio	Cost Rate	Weighted Cost
1 Common Equity	\$8,534,593	\$ 2,788	\$ 8,537,381	\$ 7,822,990	\$ (337,264)	\$ (12,671)	\$ 7,473,056	44.32%	10.50%	4.65%
2 Long Term Debt	\$7,609,605	2,486	7,612,091	6,975,126	(300,711)		6,674,416	39.59%	4.32%	1.71%
3 Short Term Debt	(\$108,284)	(35)	(108,319)	(99,256)	4,279		(94,976)	-0.56%	2.10%	-0.01%
4 Cust Dep Active	\$199,531	65	199,596	199,596	(8,605)		190,991	1.13%	2.37%	0.03%
5 Cust Dep InActive	\$1,680	1	1,680	1,680	(72)		1,608	0.01%		
6 Invest Tax Cr	\$253,699	83	253,782	232,546	(10,025)		222,521	1.32%	7.58%	0.10%
7 Deferred Inc Tax	\$2,995,649	(5,388)	2,990,261	2,740,042	(118,128)	(229,009)	2,392,905	14.19%		
8 Total	\$ 19,486,472	\$ -	\$ 19,486,472	\$17,872,726	\$ (770,526)	\$ (241,680)	\$ 16,860,520	100.00%		6.48%

Proration Adjustment to Reflect Projected ADFIT Consistent with Projection Year:

	Month	ADIT Bal.	Deprec-Related ADFIT Bal.	Deprec-Related ADFIT Activity	Days to Prorate	Future Days in Period	Prorated Deprec-Related ADFIT Activity	Prorated Deprec-Related ADFIT Bal
9	May-22	\$ 2,970,829	\$ 2,156,466					\$ 2,156,466
10 projected	Jun-22	\$ 2,970,328	\$ 2,160,839	\$ 4,373	31	335	\$ 4,013	2,160,479
11 projected	Jul-22	\$ 2,970,923	\$ 2,165,238	4,399	30	305	3,676	2,164,155
12 projected	Aug-22	\$ 2,971,547	\$ 2,171,830	6,593	31	274	4,949	2,169,104
13 projected	Sep-22	\$ 2,974,504	\$ 2,178,376	6,546	31	243	4,358	2,173,462
14 projected	Oct-22	\$ 2,977,550	\$ 2,187,052	8,676	30	213	5,063	2,178,525
15 projected	Nov-22	\$ 2,982,724	\$ 2,198,379	11,327	31	182	5,648	2,184,173
16 projected	Dec-22	\$ 2,990,717	\$ 2,214,850	16,471	30	152	6,859	2,191,032
17 projected	Jan-23	\$ 3,004,046	\$ 2,227,448	12,598	31	121	4,176	2,195,208
18 projected	Feb-23	\$ 3,016,148	\$ 2,240,124	12,676	31	90	3,125	2,198,334
19 projected	Mar-23	\$ 3,028,332	\$ 2,249,113	8,990	28	62	1,527	2,199,861
20 projected	Apr-23	\$ 3,036,595	\$ 2,262,173	13,060	31	31	1,109	2,200,970
21 projected	May-23	\$ 3,049,189	\$ 2,271,082	8,909	30	1	24	2,200,994
22	13 Mo Avg Bal	\$ 2,995,649	\$ 2,206,382		365		\$ 44,528	\$ 2,200,994
23							13 Mo Avg Bal	2,206,382
24							Proration Adj.	\$ (5,388)