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November 2, 2018

VIA: ELECTRONIC FILING

Ms. Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

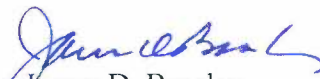
Re: Petition of Tampa Electric Company for Approval of Shared Solar Tariff

Dear Ms. Stauffer:

Attached for filing in the above-styled matter is the Petition of Tampa Electric Company for Approval of Shared Solar Tariff.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/pp
Attachment

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Tampa Electric Company)
For Approval of Shared Solar Tariff)
_____)

DOCKET NO. _____

FILED: November 2, 2018

**PETITION OF TAMPA ELECTRIC COMPANY
FOR APPROVAL OF SHARED SOLAR TARIFF**

Tampa Electric Company (“Tampa Electric” or “the company”), pursuant to Section 366.04, Florida Statutes, petitions the Commission for approval of an optional Shared Solar tariff. As grounds therefor, the company says:

1. The name, address, telephone number and fax facsimile number of the petitioner are:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601
(813) 228-4111
(813) 228-1770 (fax)

2. Tampa Electric is an investor-owned public utility subject to the jurisdiction of this Commission under Chapter 366, Florida Statutes.

3. All notices, pleadings and correspondence required to be served on the petitioner should be directed to:

James D. Beasley
jbeasley@ausley.com
J. Jeffrey Wahlen
jwahlen@ausley.com
Ausley McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115
(850) 222-7560 (fax)

Paula K. Brown
regdept@tecoenergy.com
Manager, Regulatory Coordination
Tampa Electric Company
Office Box 111
Tampa, FL 33601
(813) 228-1444
(813) 228-1770 (fax)

4. Tampa Electric requests approval of tariff sheets instituting a new optional¹ solar energy tariff. The Shared Solar Rider (“SSR-1”) will permit certain electric service customers of Tampa Electric to purchase energy produced from a Tampa Electric solar energy resource to complement their standard tariffed electric service. For residential (RS) and small commercial (GS) customers solar energy can be purchased on a 25%, 50% or 100% of monthly consumption basis. For large commercial (GSD and IS) customers solar energy can be purchased on a fixed 1,000 kWh block basis not to exceed the customer’s 12-month average energy usage. No allocation of available annual energy output under the program will be reserved for the RS/GS group or for the GSD/IS group. Taking service under SSR-1 will be on a first-come, first-served basis. In addition, customers who sign up will take service on a month-to-month basis, with no commitment beyond the first month.

5. Tampa Electric is proposing SSR-1, in conjunction with its existing solar block program tariff RE (which is not being closed or changed at this time), to extend the ability of customers to participate in a greater way in the development and consumption of solar energy. Tampa Electric is developing 600 MW of solar under the SoBRA program which will benefit all customers so that up to 7% of all energy sold to the general body of customers, when SoBRA is completed, will be solar generated. Currently, over 2,500 customers of Tampa Electric have invested in privately owned solar arrays on rooftops and elsewhere on their property and Tampa Electric has helped facilitate that development working with those customers to secure interconnection agreements, net metering service and providing consultation along the way. However, many customers cannot develop their own privately owned solar generation for a variety of reasons (e.g., they do not have a roof of their own such as for apartments or condos,

¹ This proposed tariff offering is optional; therefore, it is allowed under paragraph 12 of the 2017 Agreement, approved by Order No. PSC-2017-0456-S-EI, issued on November 27, 2017, in Docket Nos. 20160160-EI and 20170210-EI.

their roof is shaded by trees or neighboring buildings, their roof faces the wrong direction to get beneficial sun radiation, they have a weak or old roof structure, they do not have the capital or debt capacity to pay for solar development on their own, etc.) and yet may desire a greener footprint or want to participate for other reasons. This program provides a solar opportunity for such customers that is easy to join and leave, economic, and which can benefit participating customers from the utility's cost of solar which can be significantly lower than rooftop or smaller scale privately owned solar.

6. There is a growing number of shared (sometimes called community) solar tariffs and programs across the country and in Florida. Tampa Electric's proposed SSR-1 has been designed to include some of the best practices among them, to be appealing to customers and to be successful. Tampa Electric acknowledges in particular that the SSR-1 design mirrors some of the best facets of the City of Tallahassee utility tariff which has been very successful so far.

7. Tampa Electric seeks to provide this solar energy to customers under SSR-1 when the new solar generating unit providing the energy is operating and when the company's sign up and billing software systems have been activated, both of which are expected to be ready in the spring of 2019. Tampa Electric requests that the proposed SSR-1 be approved before that time so customer outreach and solicitation can begin.

8. Tampa Electric is constructing a new solar project called Lake Hancock which is supplying some of the solar capacity authorized by the Commission under Tampa Electric's Second SoBRA. Only a portion of Lake Hancock will be utilized for SoBRA service leaving about 17.7 MWs of capacity which would be dedicated to SSR-1 service. Lake Hancock is the highest cost SoBRA unit of the five projects under construction so the general body of customers will not be adversely affected by this dedication, however Tampa Electric has filed testimony in

the Second SoBRA docket showing that all of Lake Hancock is a cost-effective unit for Tampa Electric customers. As such, this means that the 17.7 MW portion of Lake Hancock dedicated to SSR-1 is also cost effective for Tampa Electric customers. When the 17.7 MW portion of Lake Hancock dedicated to SSR-1 service is not providing service to SSR-1 customers, for example as the program begins and has not reached full participation, the energy produced by it will be serving the other customers of Tampa Electric and will do so on a cost-effective basis.

9. Since the 17.7 MW portion of Lake Hancock is the first unit dedicated to SSR-1 service and is limited in annual energy output, there will be a cap on energy available for customers to take service under SSR-1. When that cap is reached, SSR-1 will be closed to new customers until customers taking service under SSR-1 drop off (e.g., if they move from their residence) and energy for SSR-1 becomes available again, or if Tampa Electric secures another unit to make new energy available for SSR-1. The cap will be 95% of the annual available energy output of SSR-1 solar units which will leave capacity should customers who have signed up for percentages of their monthly energy consumption (RS and GS) grow or exceed prior energy consumption because of weather related energy sales. Customers who desire to be put on SSR-1, but cannot because the cap has been reached, will be put on a waiting list and as customers drop off will be afforded the ability to join. Customers who drop off and later wish to return will be treated as a new SSR-1 customer and added to the waiting list that exists at that time.

10. Customers taking service under SSR-1 who move from their service address may transfer their SSR-1 service to their new service address (assuming that service address takes electric service from Tampa Electric) however customers who move may not transfer their SSR-1 service to another customer.

11. Should the SSR-1 tariff be closed for any reason (by regulatory order, failure of the units to continue operating, or otherwise) then the customers who have signed up will be removed from being billed under the SSR-1 tariff.

12. Tampa Electric will retain ownership of all Renewable Energy Credits and any other environmental attributes associated with the solar energy provided under the SSR-1. Under current conditions, those credits and attributes will simply be “retired” by Tampa Electric. If a customer under SSR-1 desires to have the credits or other attributes associated with their solar energy purchases under SSR-1 assigned to themselves or under their name to an exchange, Tampa Electric will endeavor to do so on their behalf so long as the customer pays for any charges associated with making such an assignment.

13. Customers who elect to take service and are accepted under SSR-1 will pay their normal tariff charges on the tariffs where they take their electric service with the following changes. First, they will pay an additional SSR-1 energy charge which will be assessed to the amount of energy that they have elected to receive SSR-1 service. The initial energy charge under SSR-1 as provided in this filing is \$0.063 per kWh. This charge has been calculated based on a levelized rate for full recovery of the SSR-1 assigned MWs of the Lake Hancock unit as well as certain costs to administer the program. As part of SSR-1, there will be a cap of \$0.063 per kWh on this SSR-1 energy charge for 30 years to provide customers confidence that their participation in SSR-1, should it extend for those 30 years, will not result in increased cost. This is only a cap on the SSR-1 energy charge. Should, in the future, SSR-1 be so successful that there is a waiting list for additional participation and should Tampa Electric be able to add an additional unit (or units) that have a lower cost than Lake Hancock and does so to meet customer demand, then in future base rate proceedings Tampa Electric may be able to reduce the SSR-1

reflect the lower fleet cost of all the solar units providing SSR-1 service. If for some reason solar expansion is going to cost more than the \$0.063 cap, then Tampa Electric will not expand capacity under the program and the capped price will be protected. Tampa Electric expects that costs will continue to decrease for solar development, as they have in recent years, and interest in this program will grow.

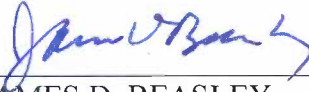
14. Second, in addition to paying the additional \$0.063 energy charge for participation in SSR-1, participating customers will not be charged the then current fuel and purchased power charge which would otherwise be charged under their standard electric service tariff, and will not be charged the Environmental Cost Recovery Clause (ECRC) charge, for SSR-1 energy they elect to take. These billing exclusions recognize that the energy being sold under SSR-1 is from solar units which have no fuel cost and that those solar units do not impose ECRC costs on the clause (e.g., scrubbers, SCRs, etc. which are associated with fossil fueled units) and hence these customers should not pay for those costs. This is a tradeoff benefit to these customers for paying the additional \$0.063 charge under SSR-1 recovering the cost associated with developing the solar unit they are taking service from under SSR-1. These exclusions will be recognized in the annual clause calculations, just as any solar energy produced by the Lake Hancock unit assigned to SSR-1 but which is not sold to SSR-1 customers will, which then benefits the general body of customers by reduced fuel charges.

15. Attached hereto as Exhibits "A" and "B", respectively, are track change and clean versions of proposed Sheet Nos. 3.010, 3.300 and 3.305 containing the new rider.

WHEREFORE, Tampa Electric respectfully requests the Commission approve the proposed new Shared Solar Rider tariff set forth in Exhibits "A" and "B" to this petition.

DATED this 2nd day of November 2018.

Respectfully submitted,



JAMES D. BEASLEY

J. JEFFRY WAHLEN

Ausley McMullen

Post Office Box 391

Tallahassee, FL 32302

(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

EXHIBIT "A"



MISCELLANEOUS

<u>SCHEDULE</u>	<u>TITLE</u>	<u>SHEET NO.</u>
	Budget Billing Plan (Optional)	3.020
	Summary Billing Plan (Optional)	3.025
	Service Charges	3.030
	Home Energy Analysis	3.040
	Commercial and Industrial Energy Analysis	3.050
GSLM-1	General Service Load Management Rider	3.150
GSSG-1	Standby Generator Rider	3.200
GSLM-2	General Service Industrial Load Management Rider	3.210
GSLM-3	General Service Industrial Standby and Supplemental Load Management Rider	3.230
BERS	Building Energy-Efficient Rating System	3.250
NM-1	Net Metering Service	3.255
RE	Renewable Energy Program (Optional)	3.270
<u>SSR-1</u>	<u>Shared Solar Rider</u>	<u>3.300</u>

SHARED SOLAR RIDER

SCHEDULE: SSR – 1

AVAILABLE: At the option of the customer, available to residential, commercial and industrial customers per device (non-totalized or totalized electric meter) on rate schedules RS, GS, GSD and IS on a first come, first served basis subject to subscription availability. Not available to customers who take service under NM-1, RSVP-1, any standby service or time of use rate schedule. Subscription availability will be dependent on availability of Shared Solar facilities. Customers who apply when availability is closed will be placed on a waiting list until Shared Solar capacity becomes available. The initial Shared Solar facility will be for 17.7 MWac* capacity and full subscription will be when 95% of expected annual energy output has been subscribed.

APPLICABLE: Applicable, upon request, to eligible customers in conjunction with their standard rates and availability of service subject to subscription availability.

CHARACTER OF SERVICE: Shared Solar - 1 (SSR-1) enables customers to purchase monthly energy produced from Company-owned solar facilities for a selected percentage of that month's billed kWh. For RS and GS, individual subscriptions will be measured as a percentage of the monthly energy consumption as selected by the customer: 25%, 50% or 100% rounded up to the next highest kWh. For GSD and IS, a fixed kWh subscription in 1,000 kWh blocks will be identified by the customer not to exceed their average monthly kWh consumption for the previous 12-months at the time of subscription.

MONTHLY RATE: \$0.063 per kWh for monthly energy consumption.

The monthly SSR-1 rate, multiplied by the monthly energy consumption selected by the customer, will be charged to the customer in addition to the customer's normal cost of electricity pursuant to their RS, GS, GSD or IS tariff charges applied to their entire monthly billing determinants, with the exception of the Fuel Charge and the Environmental Cost Recovery Charge, which is normally billed under the applicable tariff. Tampa Electric will seek to maintain the SSR-1 energy rate at \$0.063 per kWh or lower until January 1, 2048, however the SSR-1 energy rate will remain subject to change by order of the Florida Public Service Commission.

Under SSR-1, the Fuel Charge and Environmental Cost Recovery Charge for the applicable RS, GS, GSD, or IS tariff, for the monthly energy percentage or blocks selected by the customer, will be billed at a rate of \$0.00 per kWh provided under this rider.

Continued to Sheet No. 3.305

Continued from Sheet No. 3.300

TERM OF SERVICE: Subscription to the SSR-1 Rider will be for a period of one (1) month. The subscription will automatically renew on a month-to-month basis, until the customer provides notice of cancellation. After cancellation request is received, subscription will be removed from account within two billing cycles.

Requests to rejoin the SSR-1 Rider after previous cancellation may be subject to price changes and subscription availability. Participating customers who relocate to another Tampa Electric Company metered residence may transfer their subscription to the new premises. A participating customer cannot transfer their rights under this Rider to another customer.

State or Federal Legislation Opt-Out Clause: If State or Federal laws are instituted requiring Tampa Electric to provide renewable energy to all customers on some basis, the Company reserves the right to cancel all contracts and sales through this tariff without penalty.

SPECIAL PROVISIONS:

1. The bill calculated under this tariff is subject to change in such an amount as may be approved and/or amended by the Florida Public Service Commission.
2. Service hereunder is subject to the Rules and Regulations for Electric Service on file with the Florida Public Service Commission.
3. Billing will begin with the first billing cycle of the month following the month service under this Rider has been granted to the SSR-1 customer. Billing will cease should the Company-owned Shared Solar facilities utilized for service under this Rider cease operation for any reason or if the Opt-Out Clause listed above is enforced by Tampa Electric.
4. No charges made under this Rider in prior months will be refunded or adjusted if service under this Rider is discontinued for any reason.
5. The Company will retain ownership of the Renewable Energy Credits (RECs) and all other environmental attributes including but not limited to carbon emission reduction credits, which will not be otherwise sold by the Company. Customers may request to have RECs deposited into a designated account at their own expense.
6. Customers may not take service under the Levelized Payment Plan and Shared Solar Rider.

EXHIBIT "B"

MISCELLANEOUS

<u>SCHEDULE</u>	<u>TITLE</u>	<u>SHEET NO.</u>
	Budget Billing Plan (Optional)	3.020
	Summary Billing Plan (Optional)	3.025
	Service Charges	3.030
	Home Energy Analysis	3.040
	Commercial and Industrial Energy Analysis	3.050
GSLM-1	General Service Load Management Rider	3.150
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SSR-1	Shared Solar Rider	3.300

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