FILED APR 01, 2014
DOCUMENT NO. 01467-14
FPSC - COMMISSION CLERK

DOCKET NO. 140069-EI

AUSLEY & MCMULLEN
ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

RECEIVED-FPSC
14 APR -1 PM 2:29
COMMISSION
CLERK

April 1, 2014

HAND DELIVERED

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

Re: Petition of Tampa Electric Company for Approval of Revisions to Rate Schedule COG-2 for the Standard Offer

Dear Ms. Stauffer:

17 copies filed

Enclosed for filing in the above-styled matter are the original and fifteen (15) copies of Tampa Electric Company's Petition for Approval of Revisions to Rate Schedule COG-2 for the Standard Offer.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp
Enclosure

COM
AFD
APA
ECO 4
ENG 10
GCL 3
IDM
TEL
CLK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Tampa Electric Company for Approval of Revisions to Rate Schedule COG-2 for the Standard Offer	DOCKET NO. _____
	FILED: April 1, 2014

TAMPA ELECTRIC COMPANY'S PETITION FOR APPROVAL OF REVISIONS TO RATE SCHEDULE COG-2 FOR THE STANDARD OFFER

Tampa Electric Company ("Tampa Electric" or "the company"), pursuant to Sections 366.051 and 366.91, Florida Statutes, and Rules 25-17.200 through 25-17.310, Florida Administrative Code, petitions the Florida Public Service Commission ("the Commission") to approve revisions to its Rate Schedule COG-2 for the Standard Offer. As grounds therefor, the company says:

1. The name, address, telephone number and 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 the 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
J. Jeffry Wahlen
Ashley M. Daniels
Ausley & McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115
(850) 222-7960 (fax)

Paula Brown, Manager
Regulatory Coordination
Tampa Electric Company
Post Office Box 111
Tampa, FL 33602
(813) 228-1444
(813) 228-1770 (fax)

4. Tampa Electric proposes revisions to Rate Schedule COG-2 based on the generating unit technology and in-service dates reflected in the company's generation expansion plan contained in its proposed Ten Year Site Plan ("TYSP"), filed concurrently with this Petition. The company is not proposing to change the current avoided unit which is based on a GE7FA.05 combustion turbine with an in-service date of May 1, 2020. However, the company has updated certain cost parameters and unit characteristics based the most current information available.

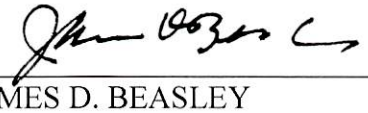
5. Attached hereto as Exhibit "A" is a listing of revised tariff sheets and a description of the proposed changes for each tariff sheet. The revised tariff sheets containing the proposed revisions to Schedule COG-2 are attached hereto in both standard and legislative formats as Exhibits "B" and "C", respectively.

6. Tampa Electric is not aware of any disputed issues of material fact relative to the subject matter of this petition.

WHEREFORE, Tampa Electric respectfully requests that the Commission grant this Petition for Approval of its revised COG-2 tariff as reflected in the revised tariff sheets contained in Exhibit "B".

DATED this 1st day of April 2014.

Respectfully submitted,



JAMES D. BEASLEY
J. JEFFRY WAHLEN
ASHLEY M. DANIELS
Ausley & McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

EXHIBIT A

PROPOSED REVISIONS TO TAMPA ELECTRIC COMPANY'S
RATE SCHEDULE COG-2 FOR STANDARD OFFER

TARIFF SHEET NO.	REVISIONS/COMMENTS
8.416	(COG-2) Updated avoided unit annual and major maintenance requirements
8.422	(COG-2) Updated avoided unit in-service date, winter capacity rating, costs, and financial assumptions for avoided CT
8.424	(COG-2) Updated avoided unit costs to reflect avoided CT
8.426	(COG-2) Updated table of capacity payments based on avoided CT
8.427	(COG-2) Updated table of capacity payments based on avoided CT
8.428	(COG-2) Corrected CT heat rate
8.434	(COG-2) Corrected CT heat rate
8.436	(COG-2) Corrected CT heat rate and updated variable O&M costs

EXHIBIT B

Continued from Sheet No. 8.414

4. **Annual Scheduled Maintenance:** Each year the CEP shall prepare, coordinate, and provide by April 1st all planned maintenance with the Company. The Company will review and approve annual/major scheduled maintenance by July 1st for the balance of the current year and following calendar year. A maximum of 10 days 240 hours) each year for annual maintenance and a maximum of 4 weeks (672 hours) every fifteenth year for major maintenance will be allowed. Scheduled maintenance shall not be planned during December through February without prior written consent from the Company. At the option of the CEP and by written notification to the Company, scheduled outage time may be utilized during any other months to improve the CEP's Availability and Capacity Factors and such scheduled outage hours will be disregarded from the Monthly Availability Factor and Capacity Factor calculations. However, once allowable maintenance hours have been utilized, all other hours during the year will be considered in Availability and Capacity Factor calculations.

5. **Monthly Capacity Payment**: Starting with the CEP's Commercial In-Service Date, for months when the CEP unit has been dispatched (provided that CEP has achieved at least a 90% Monthly Availability Factor), the Monthly Capacity Payment for each Monthly Period shall be calculated according to the following:

   a. In the event that the Monthly Capacity Factor is less than 80%, no Monthly Capacity Payment shall be paid to the CEP. That is:

   $$MCP = \$0$$

   b. In the event that the Monthly Capacity Factor is greater than or equal to 80% but less than 90%, the Monthly Capacity Payment shall be calculated from the following formula:

   $$MCP = [(BCC) \times (.02 \times (CF - 45))] \times CC$$

Continued on Sheet No. 8.418

TAMPA ELECTRIC

SEVENTH REVISED SHEET NO. 8.422
CANCELS SIXTH REVISED SHEET NO. 8.422

Continued from Sheet No. 8.418

PARAMETERS FOR AVOIDED CAPACITY COSTS

Beginning with the in-service date (5/1/2020) of the Company's Designated Avoided Unit, a 220MW (Winter Rating) natural gas-fired Combustion Turbine, for a 1 year deferral:

			VALUE
VAC_m	=	Company's monthly value of avoided capacity, $/kW/month, for each month of year n	7.13
K	=	present value of carrying charges for one dollar of investment over L years with carrying charges computed using average annual rate base and assumed to be paid at the middle of each year and present value to the middle of the first year	1.4625
I_n	=	total direct and indirect cost, in mid-year $/kW including AFUDC but excluding CWIP, of the Designated Avoided Unit(s) with an in-service date of year n, including all identifiable and quantifiable costs relating to the construction of the Designated Avoided Unit that would have been paid had the Designated Avoided Unit(s) been constructed	786.64
O_n	=	total fixed operation and maintenance expense for the year n, in mid-year $/kW/year, of the Designated Avoided Unit(s);	13.30
i_p	=	annual escalation rate associated with the plant cost of the Designated Avoided Unit(s)	3.0%
i_o	=	annual escalation rate associated with the operation and maintenance expense of the Designated Avoided Unit(s);	2.3%
r	=	discount rate, defined as the Company's incremental after tax cost of capital;	7.34%

Continued to Sheet No. 4.424

Continued from Sheet No. 8.422

L	=	expected life of the Designated Avoided Unit(s); and	25
n	=	year for which the Designated Avoided Unit is deferred starting with its original anticipated in-service date and ending with the termination of the contract for the purchase of firm capacity and energy.	2020
A_m	=	monthly early capacity payments to be made to the CEP for each month of the contract year n, in $/kW/month, if payments start in 2013;	3.27
m	=	Earliest year in which early capacity payments to the CEP may begin;	2014*
F	=	the cumulative present value, in the year contractual payments will begin, of the avoided capital cost component of capacity payments over the term of the contract which would have been made had capacity payments commenced with the anticipated in-service date of the Designated Avoided Unit(s);	395.16*
t	=	the term, in years, of the contract for the purchase of firm capacity if early capacity payments commence in year m;	16*

** Actual values will be determined based on the capacity payment start date and contract term selected by the CEP.*

Continued to Sheet No. 8.426

TAMPA ELECTRIC

SEVENTH REVISED SHEET NO. 8.426
CANCELS SIXTH REVISED SHEET NO. 8.426

Continued from Sheet No. 8.424

		OPTION 1	OPTION 2					
		NORMAL PAYMENT	EARLY PAYMENT					
CONTRACT YEAR		Starting 5/1/20	Starting 5/1/19	Starting 5/1/18	Starting 5/1/17	Starting 5/1/16	Starting 5/1/15	Starting 5/1/14
FROM	TO	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo
5/1/14	4/30/15							3.27
5/1/15	4/30/16						3.67	3.36
5/1/16	4/30/17					4.15	3.78	3.46
5/1/17	4/30/18				4.70	4.27	3.89	3.56
5/1/18	4/30/19			5.36	4.84	4.39	4.00	3.66
5/1/19	4/30/20		6.16	5.52	4.98	4.52	4.12	3.77
5/1/20	4/30/21	7.13	6.34	5.68	5.12	4.65	4.24	3.88
5/1/21	4/30/22	7.34	6.52	5.84	5.27	4.78	4.36	3.99
5/1/22	4/30/23	7.55	6.71	6.01	5.42	4.92	4.49	4.11
5/1/23	4/30/24	7.77	6.90	6.18	5.58	5.06	4.62	4.23
5/1/24	4/30/25	7.99	7.10	6.36	5.74	5.21	4.75	4.35
5/1/25	4/30/26	8.22	7.31	6.55	5.91	5.36	4.89	4.47
5/1/26	4/30/27	8.46	7.52	6.74	6.08	5.51	5.03	4.60
5/1/27	4/30/28	8.71	7.74	6.93	6.25	5.67	5.17	4.74
5/1/28	4/30/29	8.96	7.96	7.13	6.43	5.84	5.32	4.88
5/1/29	4/30/30	9.22	8.19	7.34	6.62	6.01	5.48	5.02

Continued to Sheet No. 8.427

TAMPA ELECTRIC

SECOND REVISED SHEET NO. 8.427
CANCELS FIRST REVISED SHEET NO. 8.427

Continued from Sheet No. 8.426

		OPTION 3	OPTION 4					
		LEVELIZED NORMAL PAYMENT	LEVELIZED EARLY PAYMENT					
CONTRACT YEAR		Starting 5/1/20	Starting 5/1/19	Starting 5/1/18	Starting 5/1/17	Starting 5/1/16	Starting 5/1/15	Starting 5/1/14
FROM	TO	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo
5/1/14	4/30/15							3.84
5/1/15	4/30/16						4.27	3.85
5/1/16	4/30/17					4.77	4.28	3.86
5/1/17	4/30/18				5.36	4.79	4.30	3.87
5/1/18	4/30/19			6.06	5.38	4.81	4.31	3.89
5/1/19	4/30/20		6.89	6.08	5.40	4.82	4.33	3.90
5/1/20	4/30/21	7.89	6.91	6.10	5.42	4.84	4.34	3.91
5/1/21	4/30/22	7.92	6.93	6.12	5.43	4.85	4.36	3.93
5/1/22	4/30/23	7.95	6.96	6.14	5.45	4.87	4.37	3.94
5/1/23	4/30/24	7.97	6.98	6.16	5.47	4.89	4.39	3.95
5/1/24	4/30/25	8.00	7.00	6.18	5.49	4.90	4.40	3.97
5/1/25	4/30/26	8.03	7.03	6.20	5.51	4.92	4.42	3.98
5/1/26	4/30/27	8.06	7.05	6.23	5.53	4.94	4.44	4.00
5/1/27	4/30/28	8.09	7.08	6.25	5.55	4.96	4.45	4.01
5/1/28	4/30/29	8.12	7.11	6.27	5.57	4.98	4.47	4.03
5/1/29	4/30/30	8.15	7.13	6.30	5.59	5.00	4.49	4.05

Continued to Sheet No. 8.428

TAMPA ELECTRIC

SEVENTH REVISED SHEET NO. 8.428
CANCELS SIXTH REVISED SHEET NO. 8.428

Continued from Sheet No. 8.427

BASIS FOR MONTHLY ENERGY PAYMENT CALCULATION:

1. **Energy Payment Rate**: Prior to the in-service date of the avoided unit, the CEP's Energy Payment Rate shall be the Company's As-Available Energy Payment Rate (AEPR), as described in Appendix B. Starting the in-service date of the avoided unit, the basis for determining the Energy Payment Rate will be whether:

   a. The Company has dispatched the CEP's unit on AGC; or

   b. The Company has dispatched the CEP's unit off AGC and the CEP is operating its unit at or below the dispatched level; or

   c. The Company has dispatched the CEP's unit off AGC but the CEP is operating its unit above the dispatched level; or

   d. The Company has not dispatched the CEP's unit but the CEP is providing capacity and energy.

   Note: For any given hour the CEP unit must be operating on AGC a minimum of 30 minutes to qualify under case (a).

   The CEP's total monthly energy payment shall equal; (1) the sum of the hourly energy at the Unit Energy Payment Rate (UEPR), when the CEP's unit was dispatched by the Company, plus (2) the sum of the hourly energy at the corresponding hourly AEPR when the CEP's unit was operating at times other than when the Company dispatched the unit.

2. **Unit Energy Payment Rate:** Starting the in-service date of the avoided unit, the CEP will be paid at the UEPR for energy provided in Paragraph 1.a, Paragraph 1.b and that portion of the energy provided up to the dispatched level in Paragraph 1.c as defined above. The UEPR, which is based on the Company's Designated Avoided Unit and Heat Rate value of 10,046 Btu/kWh, will be calculated monthly by the following formula:

$$UEPR = FC + O_v$$

where;

O_v = Unit Variable Operation & Maintenance Expense in $/MWH.

Continued to Sheet No. 8.434

Continued from Sheet No. 8.428

FC = Fuel Component of the Energy Payment in $/MWH as defined by:

$$FC = 10{,}046 \frac{Btu/kWh \times FP}{1{,}000}$$

where;

FP = Fuel Price in $/MMBTU determined by:

FP = GC/(1-FRP) + TC

where;

GC = Fuel Price in $/MMBTU determined by taking the first publication of each month of Inside FERC's Gas Market Report low price quotation under the column titled "Index" for "Florida Gas Transmission Co., "Zone 2", listings.

TC = then currently approved Florida Gas Transmission (FGT) Company tariff rate in $/MMBTU for forward haul Interruptible Market Area Transportation (ITS-1), including usage and surcharges.

FRP= then currently approved FGT Company tariff Fuel Reimbursement Charge Percentage in percent applicable to forward hauls for recovery of costs associated with the natural gas used to operate FGT's pipeline system.

3. **As-Available Energy Payment Rate (AEPR):** For energy provided and not covered under Paragraph 2 above, the AEPR will be applicable and will be based on the system avoided energy cost as defined in Appendix B.

Continued to Sheet No. 8.436

TAMPA ELECTRIC

SEVENTH REVISED SHEET NO. 8.436
CANCELS SIXTH REVISED SHEET NO. 8.436

Continued from Sheet No. 8.428

PARAMETERS FOR AVOIDED UNIT ENERGY AND VARIABLE OPERATION AND MAINTENANCE COSTS

Beginning on May 1, 2020, to the extent that the Designated Avoided Unit(s) would have been operated had it been installed by the Company:

			VALUE
O_V	=	total variable operating and maintenance expense, in $/MWH, of the Designated Avoided Unit(s), in year n	2.11
H	=	The average annual heat rate, in British Thermal Units (Btus) per kilowatt-hour (Btu/kWh), of the Designated Avoided Unit(s)	10,046

EXHIBIT C

Continued from Sheet No. 8.414

4. **Annual Scheduled Maintenance:** Each year the CEP shall prepare, coordinate, and provide by April 1st all planned maintenance with the Company. The Company will review and approve annual/major scheduled maintenance by July 1st for the balance of the current year and following calendar year. A maximum of ~~13~~ 10 days ~~312~~ 240 hours) each year for annual maintenance and a maximum of ~~6~~ 4 weeks (~~1,008~~672 hours) every fifteenth year for major maintenance will be allowed. Scheduled maintenance shall not be planned during December through February without prior written consent from the Company. At the option of the CEP and by written notification to the Company, scheduled outage time may be utilized during any other months to improve the CEP's Availability and Capacity Factors and such scheduled outage hours will be disregarded from the Monthly Availability Factor and Capacity Factor calculations. However, once allowable maintenance hours have been utilized, all other hours during the year will be considered in Availability and Capacity Factor calculations.

5. **Monthly Capacity Payment**: Starting with the CEP's Commercial In-Service Date, for months when the CEP unit has been dispatched (provided that CEP has achieved at least a 90% Monthly Availability Factor), the Monthly Capacity Payment for each Monthly Period shall be calculated according to the following:

   a. In the event that the Monthly Capacity Factor is less than 80%, no Monthly Capacity Payment shall be paid to the CEP. That is:

   $$MCP = \$0$$

   b. In the event that the Monthly Capacity Factor is greater than or equal to 80% but less than 90%, the Monthly Capacity Payment shall be calculated from the following formula:

   $$MCP = [(BCC) \times (.02 \times (CF - 45))] \times CC$$

Continued on Sheet No. 8.418

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 8.422
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 8.422

Continued from Sheet No. 8.418

PARAMETERS FOR AVOIDED CAPACITY COSTS

Beginning with the in-service date (5/1/2020) of the Company's Designated Avoided Unit, a 220MW (Winter Rating) natural gas-fired Combustion Turbine, for a 1 year deferral:

			VALUE
VAC_m	=	Company's monthly value of avoided capacity, $/kW/month, for each month of year n	~~7.767~~7.13
K	=	present value of carrying charges for one dollar of investment over L years with carrying charges computed using average annual rate base and assumed to be paid at the middle of each year and present value to the middle of the first year	~~1.4759~~1.4625
I_n	=	total direct and indirect cost, in mid-year $/kW including AFUDC but excluding CWIP, of the Designated Avoided Unit(s) with an in-service date of year n, including all identifiable and quantifiable costs relating to the construction of the Designated Avoided Unit that would have been paid had the Designated Avoided Unit(s) been constructed	~~813.08~~786.64
O_n	=	total fixed operation and maintenance expense for the year n, in mid-year $/kW/year, of the Designated Avoided Unit(s);	~~13.46~~13.30
i_p	=	annual escalation rate associated with the plant cost of the Designated Avoided Unit(s)	3.0%
i_o	=	annual escalation rate associated with the operation and maintenance expense of the Designated Avoided Unit(s);	~~2.4%~~2.3%
r	=	discount rate, defined as the Company's incremental after tax cost of capital;	~~7.95%~~7.34%

Continued to Sheet No. 4.424

Continued from Sheet No. 8.422

L	=	expected life of the Designated Avoided Unit(s); and	25
n	=	year for which the Designated Avoided Unit is deferred starting with its original anticipated in-service date and ending with the termination of the contract for the purchase of firm capacity and energy.	2020
A_m	=	monthly early capacity payments to be made to the CEP for each month of the contract year n, in $/kW/month, if payments start in 2013;	~~3.10~~3.27
m	=	Earliest year in which early capacity payments to the CEP may begin;	~~2013~~2014*
F	=	the cumulative present value, in the year contractual payments will begin, of the avoided capital cost component of capacity payments over the term of the contract which would have been made had capacity payments commenced with the anticipated in-service date of the Designated Avoided Unit(s);	~~381.00~~395.16*
t	=	the term, in years, of the contract for the purchase of firm capacity if early capacity payments commence in year m;	~~17~~16*

** Actual values will be determined based on the capacity payment start date and contract term selected by the CEP.*

Continued to Sheet No. 8.426

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 8.426
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 8.426

Continued from Sheet No. 8.424

		~~OPTION 1~~	~~OPTION 2~~						
		~~NORMAL PAYMENT~~	~~EARLY PAYMENT~~						
~~CONTRACT YEAR~~		~~Starting 5/1/20~~	~~Starting 5/1/19~~	~~Starting 5/1/18~~	~~Starting 5/1/17~~	~~Starting 5/1/16~~	~~Starting 5/1/15~~	~~Starting 5/1/14~~	~~Starting 5/1/13~~
~~FROM~~	~~TO~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~
~~5/1/13~~	~~4/30/14~~								~~3.10~~
~~5/1/14~~	~~4/30/15~~							~~3.49~~	~~3.19~~
~~5/1/15~~	~~4/30/16~~						~~3.93~~	~~3.59~~	~~3.29~~
~~5/1/16~~	~~4/30/17~~					~~4.45~~	~~4.04~~	~~3.69~~	~~3.38~~
~~5/1/17~~	~~4/30/18~~				~~5.06~~	~~4.58~~	~~4.16~~	~~3.80~~	~~3.48~~
~~5/1/18~~	~~4/30/19~~			~~5.80~~	~~5.21~~	~~4.71~~	~~4.28~~	~~3.91~~	~~3.58~~
~~5/1/19~~	~~4/30/20~~		~~6.68~~	~~5.97~~	~~5.36~~	~~4.85~~	~~4.41~~	~~4.02~~	~~3.69~~
~~5/1/20~~	~~4/30/21~~	~~7.76~~	~~6.87~~	~~6.14~~	~~5.52~~	~~4.99~~	~~4.54~~	~~4.14~~	~~3.79~~
~~5/1/21~~	~~4/30/22~~	~~7.99~~	~~7.07~~	~~6.32~~	~~5.68~~	~~5.14~~	~~4.67~~	~~4.26~~	~~3.90~~
~~5/1/22~~	~~4/30/23~~	~~8.22~~	~~7.28~~	~~6.50~~	~~5.85~~	~~5.29~~	~~4.81~~	~~4.39~~	~~4.02~~
~~5/1/23~~	~~4/30/24~~	~~8.46~~	~~7.49~~	~~6.69~~	~~6.02~~	~~5.44~~	~~4.95~~	~~4.51~~	~~4.14~~
~~5/1/24~~	~~4/30/25~~	~~8.71~~	~~7.71~~	~~6.89~~	~~6.19~~	~~5.60~~	~~5.09~~	~~4.65~~	~~4.26~~
~~5/1/25~~	~~4/30/26~~	~~8.96~~	~~7.94~~	~~7.09~~	~~6.37~~	~~5.76~~	~~5.24~~	~~4.78~~	~~4.38~~
~~5/1/26~~	~~4/30/27~~	~~9.22~~	~~8.17~~	~~7.29~~	~~6.56~~	~~5.93~~	~~5.39~~	~~4.92~~	~~4.51~~
~~5/1/27~~	~~4/30/28~~	~~9.49~~	~~8.41~~	~~7.51~~	~~6.75~~	~~6.10~~	~~5.55~~	~~5.06~~	~~4.64~~
~~5/1/28~~	~~4/30/29~~	~~9.77~~	~~8.65~~	~~7.73~~	~~6.95~~	~~6.28~~	~~5.71~~	~~5.21~~	~~4.77~~
~~5/1/29~~	~~4/30/30~~	~~10.05~~	~~8.90~~	~~7.95~~	~~7.15~~	~~6.47~~	~~5.88~~	~~5.36~~	~~4.91~~

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~June 25, 2013~~

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 8.426
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 8.426

		OPTION 1	OPTION 2					
		NORMAL PAYMENT	EARLY PAYMENT					
CONTRACT YEAR		Starting 5/1/20	Starting 5/1/19	Starting 5/1/18	Starting 5/1/17	Starting 5/1/16	Starting 5/1/15	Starting 5/1/14
FROM	TO	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo	$/kw -mo
5/1/14	4/30/15							3.27
5/1/15	4/30/16						3.67	3.36
5/1/16	4/30/17					4.15	3.78	3.46
5/1/17	4/30/18				4.70	4.27	3.89	3.56
5/1/18	4/30/19			5.36	4.84	4.39	4.00	3.66
5/1/19	4/30/20		6.16	5.52	4.98	4.52	4.12	3.77
5/1/20	4/30/21	7.13	6.34	5.68	5.12	4.65	4.24	3.88
5/1/21	4/30/22	7.34	6.52	5.84	5.27	4.78	4.36	3.99
5/1/22	4/30/23	7.55	6.71	6.01	5.42	4.92	4.49	4.11
5/1/23	4/30/24	7.77	6.90	6.18	5.58	5.06	4.62	4.23
5/1/24	4/30/25	7.99	7.10	6.36	5.74	5.21	4.75	4.35
5/1/25	4/30/26	8.22	7.31	6.55	5.91	5.36	4.89	4.47
5/1/26	4/30/27	8.46	7.52	6.74	6.08	5.51	5.03	4.60
5/1/27	4/30/28	8.71	7.74	6.93	6.25	5.67	5.17	4.74
5/1/28	4/30/29	8.96	7.96	7.13	6.43	5.84	5.32	4.88
5/1/29	4/30/30	9.22	8.19	7.34	6.62	6.01	5.48	5.02

Continued to Sheet No. 8.427

TAMPA ELECTRIC

~~FIRST~~ SECOND **REVISED SHEET NO. 8.427**
CANCELS ~~ORIGINAL~~ FIRST REVISED **SHEET NO. 8.427**

Continued from Sheet No. 8.426

		~~OPTION 3~~	~~OPTION 4~~						
		~~LEVELIZED NORMAL PAYMENT~~	~~LEVELIZED EARLY PAYMENT~~						
~~CONTRACT YEAR~~		~~Starting 5/1/20~~	~~Starting 5/1/19~~	~~Starting 5/1/18~~	~~Starting 5/1/17~~	~~Starting 5/1/16~~	~~Starting 5/1/15~~	~~Starting 5/1/14~~	~~Starting 5/1/13~~
~~FROM~~	~~TO~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~	~~$/kw-mo~~
~~5/1/13~~	~~4/30/14~~								~~3.67~~
~~5/1/14~~	~~4/30/15~~							~~4.09~~	~~3.68~~
~~5/1/15~~	~~4/30/16~~						~~4.57~~	~~4.10~~	~~3.69~~
~~5/1/16~~	~~4/30/17~~					~~5.12~~	~~4.58~~	~~4.11~~	~~3.70~~
~~5/1/17~~	~~4/30/18~~				~~5.78~~	~~5.14~~	~~4.59~~	~~4.12~~	~~3.71~~
~~5/1/18~~	~~4/30/19~~			~~6.55~~	~~5.79~~	~~5.15~~	~~4.61~~	~~4.14~~	~~3.73~~
~~5/1/19~~	~~4/30/20~~		~~7.47~~	~~6.57~~	~~5.81~~	~~5.17~~	~~4.62~~	~~4.15~~	~~3.74~~
~~5/1/20~~	~~4/30/21~~	~~8.59~~	~~7.49~~	~~6.59~~	~~5.83~~	~~5.19~~	~~4.64~~	~~4.16~~	~~3.75~~
~~5/1/21~~	~~4/30/22~~	~~8.62~~	~~7.52~~	~~6.61~~	~~5.85~~	~~5.20~~	~~4.65~~	~~4.18~~	~~3.76~~
~~5/1/22~~	~~4/30/23~~	~~8.65~~	~~7.54~~	~~6.63~~	~~5.87~~	~~5.22~~	~~4.67~~	~~4.19~~	~~3.78~~
~~5/1/23~~	~~4/30/24~~	~~8.68~~	~~7.57~~	~~6.65~~	~~5.89~~	~~5.24~~	~~4.69~~	~~4.21~~	~~3.79~~
~~5/1/24~~	~~4/30/25~~	~~8.70~~	~~7.59~~	~~6.68~~	~~5.91~~	~~5.26~~	~~4.70~~	~~4.22~~	~~3.80~~
~~5/1/25~~	~~4/30/26~~	~~8.73~~	~~7.62~~	~~6.70~~	~~5.93~~	~~5.28~~	~~4.72~~	~~4.24~~	~~3.82~~
~~5/1/26~~	~~4/30/27~~	~~8.76~~	~~7.65~~	~~6.72~~	~~5.95~~	~~5.30~~	~~4.74~~	~~4.25~~	~~3.83~~
~~5/1/27~~	~~4/30/28~~	~~8.79~~	~~7.67~~	~~6.75~~	~~5.97~~	~~5.32~~	~~4.75~~	~~4.27~~	~~3.85~~
~~5/1/28~~	~~4/30/29~~	~~8.83~~	~~7.70~~	~~6.77~~	~~6.00~~	~~5.34~~	~~4.77~~	~~4.29~~	~~3.86~~
~~5/1/29~~	~~4/30/30~~	~~8.86~~	~~7.73~~	~~6.80~~	~~6.02~~	~~5.36~~	~~4.79~~	~~4.30~~	~~3.88~~

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~June 25, 2013~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 8.427
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 8.427

		OPTION 3	OPTION 4					
		LEVELIZED NORMAL PAYMENT	LEVELIZED EARLY PAYMENT					
CONTRACT YEAR		Starting 5/1/20	Starting 5/1/19	Starting 5/1/18	Starting 5/1/17	Starting 5/1/16	Starting 5/1/15	Starting 5/1/14
FROM	TO	$/kw-mo	$/kw-mo	$/kw-mo	$/kw-mo	$/kw-mo	$/kw-mo	$/kw-mo
5/1/14	4/30/15							3.84
5/1/15	4/30/16						4.27	3.85
5/1/16	4/30/17					4.77	4.28	3.86
5/1/17	4/30/18				5.36	4.79	4.30	3.87
5/1/18	4/30/19			6.06	5.38	4.81	4.31	3.89
5/1/19	4/30/20		6.89	6.08	5.40	4.82	4.33	3.90
5/1/20	4/30/21	7.89	6.91	6.10	5.42	4.84	4.34	3.91
5/1/21	4/30/22	7.92	6.93	6.12	5.43	4.85	4.36	3.93
5/1/22	4/30/23	7.95	6.96	6.14	5.45	4.87	4.37	3.94
5/1/23	4/30/24	7.97	6.98	6.16	5.47	4.89	4.39	3.95
5/1/24	4/30/25	8.00	7.00	6.18	5.49	4.90	4.40	3.97
5/1/25	4/30/26	8.03	7.03	6.20	5.51	4.92	4.42	3.98
5/1/26	4/30/27	8.06	7.05	6.23	5.53	4.94	4.44	4.00
5/1/27	4/30/28	8.09	7.08	6.25	5.55	4.96	4.45	4.01
5/1/28	4/30/29	8.12	7.11	6.27	5.57	4.98	4.47	4.03
5/1/29	4/30/30	8.15	7.13	6.30	5.59	5.00	4.49	4.05

Continued to Sheet No. 8.428

Continued from Sheet No. 8.427

BASIS FOR MONTHLY ENERGY PAYMENT CALCULATION:

1. **Energy Payment Rate**: Prior to the in-service date of the avoided unit, the CEP's Energy Payment Rate shall be the Company's As-Available Energy Payment Rate (AEPR), as described in Appendix B. Starting the in-service date of the avoided unit, the basis for determining the Energy Payment Rate will be whether:

   a. The Company has dispatched the CEP's unit on AGC; or

   b. The Company has dispatched the CEP's unit off AGC and the CEP is operating its unit at or below the dispatched level; or

   c. The Company has dispatched the CEP's unit off AGC but the CEP is operating its unit above the dispatched level; or

   d. The Company has not dispatched the CEP's unit but the CEP is providing capacity and energy.

   Note: For any given hour the CEP unit must be operating on AGC a minimum of 30 minutes to qualify under case (a).

   The CEP's total monthly energy payment shall equal; (1) the sum of the hourly energy at the Unit Energy Payment Rate (UEPR), when the CEP's unit was dispatched by the Company, plus (2) the sum of the hourly energy at the corresponding hourly AEPR when the CEP's unit was operating at times other than when the Company dispatched the unit.

2. **Unit Energy Payment Rate:** Starting the in-service date of the avoided unit, the CEP will be paid at the UEPR for energy provided in Paragraph 1.a, Paragraph 1.b and that portion of the energy provided up to the dispatched level in Paragraph 1.c as defined above. The UEPR, which is based on the Company's Designated Avoided Unit and Heat Rate value of ~~10,146~~10,046 Btu/kWh, will be calculated monthly by the following formula:

$$UEPR = FC + O_v$$

where;

O_v = Unit Variable Operation & Maintenance Expense in $/MWH.

Continued to Sheet No. 8.434

Continued from Sheet No. 8.428

FC = Fuel Component of the Energy Payment in $/MWH as defined by:

FC = ~~10,146~~10,046 Btu/kWh x FP
1,000

where;

FP = Fuel Price in $/MMBTU determined by:

FP = GC/(1-FRP) + TC

where;

GC = Fuel Price in $/MMBTU determined by taking the first publication of each month of Inside FERC's Gas Market Report low price quotation under the column titled "Index" for "Florida Gas Transmission Co., "Zone 2", listings.

TC = then currently approved Florida Gas Transmission (FGT) Company tariff rate in $/MMBTU for forward haul Interruptible Market Area Transportation (ITS-1), including usage and surcharges.

FRP= then currently approved FGT Company tariff Fuel Reimbursement Charge Percentage in percent applicable to forward hauls for recovery of costs associated with the natural gas used to operate FGT's pipeline system.

3. **As-Available Energy Payment Rate (AEPR):** For energy provided and not covered under Paragraph 2 above, the AEPR will be applicable and will be based on the system avoided energy cost as defined in Appendix B.

Continued to Sheet No. 8.436

TAMPA ELECTRIC

Continued from Sheet No. 8.428

PARAMETERS FOR AVOIDED UNIT ENERGY AND VARIABLE OPERATION AND MAINTENANCE COSTS

Beginning on May 1, 2020, to the extent that the Designated Avoided Unit(s) would have been operated had it been installed by the Company:

			VALUE
O_V	=	total variable operating and maintenance expense, in $/MWH, of the Designated Avoided Unit(s), in year n	~~2.13~~2.11
H	=	The average annual heat rate, in British Thermal Units (Btus) per kilowatt-hour (Btu/kWh), of the Designated Avoided Unit(s)	~~10,146~~10,046