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April 15, 2010

HAND DELIVERED

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10 APR 15 PM 3:02
COMMISSION
CLERK

Ms. Ann Cole, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Tampa Electric Company's Petition for Approval of Revisions to the Standard Offer Contract and Rate Schedules COG-1 and COG-2; FPSC Docket No. 100167-EI

Dear Ms. Cole:

On April 1, 2010 we filed Tampa Electric Company's Petition for Approval of Revisions to the Standard Offer Contract and Rate Schedules COG-1 and COG-2. Four of the tariff sheets included with that filing have been revised to correct avoided unit fixed and variable O&M costs. The previously filed tariff sheets reflected O&M costs in Year 2010, whereas the corrected tariff sheets appropriately reflect O&M costs in Year 2013, the in-service year of the avoided unit.

Enclosed herewith please find the original and fifteen (15) copies each of the following tariff sheets which we ask that you distribute to the recipients of the earlier filing so that they may be substituted in place of the corresponding pages in the initial filing:

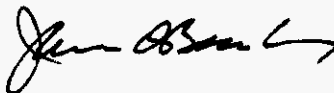
- Third Revised Sheet No. 8.422
- Third Revised Sheet No. 8.424
- Third Revised Sheet No. 8.426
- Third Revised Sheet No. 8.436

- COM _____
- APA _____
- ECR _____
- GCL _____
- RAD** 13
- SSC _____
- ADM _____
- OPC 1
- CLK _____

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
Enclosures

DOCUMENT NUMBER-DATE
02910 APR 15 2010
FPSC-COMMISSION CLERK



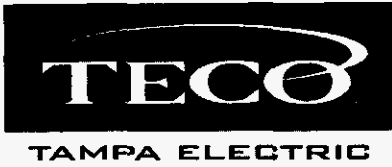
Continued from Sheet No. 8.418

PARAMETERS FOR AVOIDED CAPACITY COSTS

Beginning with the in-service date (5/1/2013) of the Company's Designated Avoided Unit, a 61 MW (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	9.07
$K =$ 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	1.5975
$I_n =$ 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	727.54
$O_n =$ total fixed operation and maintenance expense for the year n, in mid-year \$/kW/year, of the Designated Avoided Unit(s);	21.66
$i_p =$ annual escalation rate associated with the plant cost of the Designated Avoided Unit(s)	1.7%
$i_o =$ annual escalation rate associated with the operation and maintenance expense of the Designated Avoided Unit(s);	2.1%
$r =$ discount rate, defined as the Company's incremental after tax cost of capital;	7.99%

Continued to Sheet No. 4.424



Continue from Sheet No. 8.122

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.	2013
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 2010;	5.99
m	=	Earliest year in which early capacity payments to the CEP may begin;	2010*
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);	536.02*
t	=	the term, in years, of the contract for the purchase of firm capacity if early capacity payments commence in year m;	13 *

** 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



Continued from Sheet No. 8.424

2013 COMBUSTION TURBINE
 MONTHLY CAPACITY PAYMENT RATE (\$/KW-MONTH)

		OPTION 1	OPTION 2				OPTION 3	OPTION 4		
		NORMAL PAYMENT	EARLY PAYMENT				LEVELIZED NORMAL PAYMENT	LEVELIZED EARLY PAYMENT		
CONTRACT YEAR		Starting 5/1/13	Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	Starting 5/1/13	Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	
FROM	TO	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	
5/1/10	4/30/11				5.99				6.42	
5/1/11	4/30/12			6.83	6.10			7.28	6.44	
5/1/12	4/30/13		7.84	6.95	6.21		8.31	7.31	6.47	
5/1/13	4/30/14	9.07	7.98	7.08	6.32	9.56	8.34	7.34	6.50	
5/1/14	4/30/15	9.23	8.12	7.20	6.43	9.60	8.38	7.37	6.52	
5/1/15	4/30/16	9.39	8.26	7.33	6.54	9.64	8.41	7.40	6.55	
5/1/16	4/30/17	9.56	8.41	7.46	6.66	9.68	8.45	7.43	6.58	
5/1/17	4/30/18	9.73	8.56	7.59	6.78	9.72	8.48	7.46	6.61	
5/1/18	4/30/19	9.90	8.71	7.73	6.90	9.76	8.52	7.49	6.63	
5/1/19	4/30/20	10.08	8.87	7.87	7.02	9.80	8.56	7.53	6.66	
5/1/20	4/30/21	10.26	9.03	8.01	7.15	9.85	8.59	7.56	6.69	
5/1/21	4/30/22	10.44	9.19	8.15	7.28	9.89	8.63	7.59	6.72	
5/1/22	4/30/23	10.63	9.35	8.29	7.41	9.94	8.67	7.63	6.76	

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

Continued to Sheet No. 8.428



Continued from Sheet No. 8.428

PARAMETERS FOR AVOIDED UNIT ENERGY AND VARIABLE OPERATION AND MAINTENANCE COSTS

Beginning on May 1, 2013, 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	4.03
H = The average annual heat rate, in British Thermal Units (Btus) per kilowatt-hour (Btu/kWh), of the Designated Avoided Unit(s)	11,496



Continued from Sheet No. 8.418

PARAMETERS FOR AVOIDED CAPACITY COSTS

Beginning with the in-service date (~~5/1/2012~~2013) of the Company's Designated Avoided Unit, a 61 MW (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	8- 039.07
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- 59841.5975
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	624- 85727.54
O_n	= total fixed operation and maintenance expense for the year n, in mid-year \$/kW/year, of the Designated Avoided Unit(s);	20- 0121.66
i_p	= annual escalation rate associated with the plant cost of the Designated Avoided Unit(s)	1- 81.7%
i_o	= annual escalation rate associated with the operation and maintenance expense of the Designated Avoided Unit(s);	2- 22.1%
r	= discount rate, defined as the Company's incremental after tax cost of capital;	8- 337.99%

Continued to Sheet No. 4.424

ISSUED BY: ~~C. R. Black~~ G. L. Gillette,
 President

DATE EFFECTIVE: ~~June 30, 2009~~



Continue from Sheet No. 8.122

- 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. 2012~~2013~~
- 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 ~~2009~~2010; 5.275.99
- m = Earliest year in which early capacity payments to the CEP may begin; 2009~~2010~~*
- 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); 461.20536.02*
- t = the term, in years, of the contract for the purchase of firm capacity if early capacity payments commence in year m; 13 *

** 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

ISSUED BY: ~~C. R. Black~~ G. L. Gillette,
President

DATE EFFECTIVE: ~~June 30, 2009~~



**SECOND-THIRD REVISED SHEET NO. 8.426
 CANCELS FIRST SECOND REVISED SHEET NO. 8.426**

Continued from Sheet No. 8.424

2012 COMBUSTION TURBINE
 MONTHLY CAPACITY PAYMENT RATE (\$/KW-MONTH)

		OPTION 1	OPTION 2				OPTION 3	OPTION 4		
		NORMAL PAYMENT	EARLY PAYMENT				LEVELIZED NORMAL PAYMENT	LEVELIZED EARLY PAYMENT		
CONTRACT YEAR		Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	Starting 5/1/09	Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	Starting 5/1/09	
FROM	TO	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	
5/1/09	4/30/10	-	-	-	5.27	-	-	-	5.66	
5/1/10	4/30/11	-	-	6.02	5.37	-	-	6.43	5.68	
5/1/11	4/30/12	-	6.92	6.13	5.47	-	7.36	6.46	5.74	
5/1/12	4/30/13	8.03	7.06	6.25	5.57	8.49	7.39	6.49	5.73	
5/1/13	4/30/14	8.18	7.19	6.37	5.68	8.53	7.43	6.52	5.76	
5/1/14	4/30/15	8.33	7.32	6.49	5.78	8.56	7.46	6.55	5.79	
5/1/15	4/30/16	8.49	7.46	6.61	5.89	8.60	7.49	6.58	5.81	
5/1/16	4/30/17	8.65	7.60	6.73	6.00	8.64	7.53	6.61	5.84	
5/1/17	4/30/18	8.81	7.75	6.86	6.12	8.68	7.56	6.64	5.87	
5/1/18	4/30/19	8.98	7.89	6.99	6.23	8.72	7.60	6.67	5.90	
5/1/19	4/30/20	9.15	8.04	7.12	6.35	8.76	7.64	6.70	5.93	
5/1/20	4/30/21	9.32	8.19	7.26	6.47	8.81	7.67	6.74	5.96	
5/1/21	4/30/22	9.50	8.35	7.39	6.59	8.85	7.71	6.77	5.99	

2013 COMBUSTION TURBINE
 MONTHLY CAPACITY PAYMENT RATE (\$/KW-MONTH)

		OPTION 1	OPTION 2				OPTION 3	OPTION 4		
		NORMAL PAYMENT	EARLY PAYMENT				LEVELIZED NORMAL PAYMENT	LEVELIZED EARLY PAYMENT		
CONTRACT YEAR		Starting 5/1/13	Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	Starting 5/1/13	Starting 5/1/12	Starting 5/1/11	Starting 5/1/10	
FROM	TO	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	\$/kw-mo.	
5/1/10	4/30/11	-	-	-	5.99	-	-	-	6.42	
5/1/11	4/30/12	-	-	6.83	6.10	-	-	7.28	6.44	
5/1/12	4/30/13	-	7.84	6.95	6.21	-	8.31	7.31	6.47	

ISSUED BY: C. R. Black, L. Gillette,
 President

DATE EFFECTIVE: June 30, 2009



<u>5/1/13</u>	<u>4/30/14</u>	<u>9.07</u>	<u>7.98</u>	<u>7.08</u>	<u>6.32</u>	<u>9.56</u>	<u>8.34</u>	<u>7.34</u>	<u>6.50</u>
<u>5/1/14</u>	<u>4/30/15</u>	<u>9.23</u>	<u>8.12</u>	<u>7.20</u>	<u>6.43</u>	<u>9.60</u>	<u>8.38</u>	<u>7.37</u>	<u>6.52</u>
<u>5/1/15</u>	<u>4/30/16</u>	<u>9.39</u>	<u>8.26</u>	<u>7.33</u>	<u>6.54</u>	<u>9.64</u>	<u>8.41</u>	<u>7.40</u>	<u>6.55</u>
<u>5/1/16</u>	<u>4/30/17</u>	<u>9.56</u>	<u>8.41</u>	<u>7.46</u>	<u>6.66</u>	<u>9.68</u>	<u>8.45</u>	<u>7.43</u>	<u>6.58</u>
<u>5/1/17</u>	<u>4/30/18</u>	<u>9.73</u>	<u>8.56</u>	<u>7.59</u>	<u>6.78</u>	<u>9.72</u>	<u>8.48</u>	<u>7.46</u>	<u>6.61</u>
<u>5/1/18</u>	<u>4/30/19</u>	<u>9.90</u>	<u>8.71</u>	<u>7.73</u>	<u>6.90</u>	<u>9.76</u>	<u>8.52</u>	<u>7.49</u>	<u>6.63</u>
<u>5/1/19</u>	<u>4/30/20</u>	<u>10.08</u>	<u>8.87</u>	<u>7.87</u>	<u>7.02</u>	<u>9.80</u>	<u>8.56</u>	<u>7.53</u>	<u>6.66</u>
<u>5/1/20</u>	<u>4/30/21</u>	<u>10.26</u>	<u>9.03</u>	<u>8.01</u>	<u>7.15</u>	<u>9.85</u>	<u>8.59</u>	<u>7.56</u>	<u>6.69</u>
<u>5/1/21</u>	<u>4/30/22</u>	<u>10.44</u>	<u>9.19</u>	<u>8.15</u>	<u>7.28</u>	<u>9.89</u>	<u>8.63</u>	<u>7.59</u>	<u>6.72</u>
<u>5/1/22</u>	<u>4/30/23</u>	<u>10.63</u>	<u>9.35</u>	<u>8.29</u>	<u>7.41</u>	<u>9.94</u>	<u>8.67</u>	<u>7.63</u>	<u>6.76</u>

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

Continued to Sheet No. 8.428

ISSUED BY: ~~C. R. Black~~ G. L. Gillette,
 President

DATE EFFECTIVE: ~~June 30, 2009~~



Continued from Sheet No. 8.428

PARAMETERS FOR AVOIDED UNIT ENERGY AND VARIABLE OPERATION AND MAINTENANCE COSTS

Beginning on May 1, ~~2012~~2013, 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	3,724.03
H = The average annual heat rate, in British Thermal Units (Btus) per kilowatt-hour (Btu/kWh), of the Designated Avoided Unit(s)	10,200 <u>1,496</u>

ISSUED BY: ~~C. R. Black~~ G. L. Gillette,
President

DATE EFFECTIVE: ~~June 30, 2009~~