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June 15, 2009

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

Re: Petition by Tampa Electric Company for approval of extension of small power production agreement with City of Tampa; FPSC Docket No. 090146-EQ

Dear Ms. Cole:

Enclosed for filing in the above docket are the original and five copies of Tampa Electric Company's answers to Staff's Second Data Request No. 1 dated May 15, 2009.

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 _____
ECR 1 cc: Martha Brown (w/enc.)
GCL 1 _____
OPC _____
RCP _____
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TAMPA ELECTRIC COMPANY
DOCKET NO. 090146-EQ
STAFF'S SECOND DATA REQUEST
REQUEST NO. 1
PAGE 1 OF 4
FILED: JUNE 15, 2009

1. Please complete the attached tables, showing the total emissions and consumed quantities of natural gas, coal, or oil with and without the proposed contract for the TECO system.

Avoided Emissions and Fuel With Proposed Contract							
	CO2 (tons)	Nox (tons)	SO2 (tons)	Hg (lbs)	Nat. Gas (mcf)	Coal (tons)	Oil (barrels)
2011							
2012							
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							
2021							
2022							
2023							
2024							

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Avoided Emissions and Fuel Without Proposed Contract							
	CO2 (tons)	Nox (tons)	SO2 (tons)	Hg (lbs)	Nat. Gas (mcf)	Coal (tons)	Oil (barrels)
2011							
2012							
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							
2021							
2022							
2023							
2024							

**TAMPA ELECTRIC COMPANY
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A. The requested information is provided in the following tables.

Emissions and Fuel With Proposed Contract							
	CO ₂ (Tons)	No _x (Tons)	SO ₂ (Tons)	Hg (Lb)	Natural Gas (000 mcf)	Coal (000 Tons)	Oil (000 Barrels)
2011	16,803,901	7,227	19,227	216	67,142	5,006	156
2012	16,984,321	7,170	19,280	219	68,150	5,044	147
2013	17,953,407	7,343	18,503	213	76,770	5,228	142
2014	17,934,108	7,308	18,073	211	81,360	5,104	152
2015	18,003,351	7,378	17,858	205	84,898	5,067	140
2016	18,391,549	7,530	18,038	212	88,438	5,130	141
2017	18,821,762	7,302	18,084	212	95,949	5,119	128
2018	19,055,175	7,303	17,973	207	102,096	5,077	123
2019	19,424,548	8,169	17,914	213	106,309	5,110	131
2020	19,648,201	8,283	18,066	215	109,038	5,138	132
2021	20,027,239	8,131	18,024	207	118,831	5,064	121
2022	20,372,483	8,187	18,079	211	122,958	5,092	124
2023	20,525,738	8,271	17,844	208	127,501	5,053	123
2024	20,800,189	8,418	17,957	207	131,748	5,066	123

Note:

Oil consumption includes No.2, No.6 and ignition oil.

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Emissions and Fuel Without Proposed Contract							
	CO ₂ (Tons)	No _x (Tons)	SO ₂ (Tons)	Hg (Lb)	Natural Gas (000 mcf)	Coal (000 Tons)	Oil (000 Barrels)
2011	16,818,264	7,233	19,235	216	67,313	5,008	156
2012	17,069,317	7,187	19,295	219	69,388	5,048	148
2013	18,014,730	7,361	18,523	213	77,599	5,232	142
2014	17,990,776	7,321	18,079	211	82,246	5,105	152
2015	18,046,369	7,397	17,862	206	85,630	5,067	142
2016	18,446,887	7,539	18,034	212	89,368	5,130	141
2017	18,878,955	7,316	18,090	213	96,846	5,120	129
2018	19,129,048	7,316	17,975	207	103,300	5,077	123
2019	19,507,499	8,191	17,919	213	107,640	5,110	131
2020	19,708,081	8,305	18,069	215	110,012	5,138	132
2021	20,087,662	8,144	18,025	207	119,829	5,064	121
2022	20,439,686	8,214	18,077	211	124,088	5,092	124
2023	20,583,673	8,285	17,848	208	128,447	5,053	123
2024	20,837,862	8,430	17,956	207	132,380	5,066	124

Note:
Oil consumption includes No.2, No.6 and ignition oil.