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November 8, 2000

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Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

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Re: Load Research Report - Tampa Electric Company

Dear Ms. Bayo:

In compliance with Rule 25-6.0437 enclosed are five copies of Tampa Electric Company's revised Load Research Report originally filed with the Commission on May 1, 2000.

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

cc: Tim Devlin (w/enc.)
Angela Llewellyn

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TAMPA ELECTRIC COMPANY
DOCKET NO. 820491-EU
FILED: APRIL 2000
REVISED: OCTOBER 2000

TAMPA ELECTRIC COMPANY
LOAD RESEARCH REPORT

RESULTS

The following tables report the class coincident and non-coincident demands and their related precision for the calendar year 1999. The precision values reported are calculated at the 90% confidence level. The hourly demands for the Residential Class for the entire year of 1999 are reported in the Appendix. Although the data for the Residential class came from two independent samples, the sample estimates were computed as if they came from a single sample. Since both samples were stratified by housing type, this approach is valid. The results shown in the tables for the General Service Non-Demand and General Service Demand classes are computed by combining the estimates developed from the two independent, overlapping samples with weighting factors of 0.5.

The winter system coincident peak occurred on January 6, 1999 at 08:00, and the summer coincident peak occurred on August 2, 1999 at 17:00. Estimates for the RS, GS and GSD classes were more accurate than the target accuracy specified by the Load Research Rule for summer and winter coincident peak and for the average of twelve coincident peaks.

RESIDENTIAL CLASS
MONTHLY COINCIDENT DEMANDS
1999

Month	Class Total (MW)	Average Per Customer (KW)	Precision (%)
January	2,121.7	4.47	5.0
February	1,603.0	3.37	7.1
March	1,313.4	2.76	7.6
April	1,348.7	2.84	5.3
May	1,261.0	2.66	4.8
June	1,340.0	2.82	5.3
July	1,476.6	3.10	4.6
August	1,618.4	3.39	3.6
September	1,267.6	2.65	5.0
October	1,228.4	2.56	5.5
November	1,101.3	2.28	6.2
December	1,603.1	3.30	7.4

12 Coincident Peak Average	1,440.3 mw
Precision	2.6 %

INTERRUPTIBLE SERVICE CLASS
MONTHLY COINCIDENT DEMANDS
1999

Month	Class Total (MW)	Average Per Customer (KW)	Precision (%)
January	17.4	245.5	-- --
February	173.5	2,444.1	-- --
March	193.1	2,719.9	-- --
April	1.0	13.5	-- --
May	208.1	2,931.6	-- --
June	213.3	3,003.9	-- --
July	223.0	3,141.4	-- --
August	60.8	844.0	-- --
September	108.1	1,500.9	-- --
October	182.3	2,531.3	-- --
November	179.2	2,489.2	-- --
December	168.7	2,343.2	-- --

12 Coincident Peak Average 144.0 mw
Precision --

CLASS TOTAL
MONTHLY ENERGY (MWH)

Month	RS	GS	GSD	GSLD	IS
Jan	524,543	66,236	320,827	142,908	134,374
Feb	443,499	60,798	296,231	133,071	123,173
Mar	448,404	66,800	324,990	143,213	140,412
Apr	545,810	77,404	356,040	149,041	122,557
May	620,480	81,082	378,778	152,750	146,967
Jun	640,432	83,170	382,385	155,141	152,402
Jul	784,851	90,780	415,891	165,767	140,246
Aug	792,360	92,125	427,171	173,149	139,731
Sep	669,790	82,844	398,983	163,054	132,205
Oct	559,882	74,897	384,249	159,503	135,986
Nov	431,924	63,148	332,500	138,999	134,485
Dec	530,610	61,774	332,045	140,778	128,961
Total	6,992,585	901,058	4,350,090	1,817,374	1,631,499