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July 1, 1996

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

Re: Tampa Electric Company Non-Firm Electric
Service - 1996 Assessment of Need

Dear Ms. Bayo:

In accordance with Rule 25-6.0438, Fla. Admin. Code, regarding non-firm electric service, enclosed is a copy of the July 1, 1996 revision to the January 1, 1996 assessment of the level of non-firm load on Tampa Electric's system. The assessment includes the type of non-firm service offered and the projected maximum levels of non-firm load on Tampa Electric's system. The level of non-firm load on Tampa Electric's system as of June 1996 is also provided.

In the ten-year planning horizon beginning in 1997, 0.0 MW of non-firm service on Tampa Electric's system is available in the year 1997 based on the maximum non-firm load and annual target procedure as described in Docket No. 870408-EI. All capacity and demand values are based on current assumptions and forecasts (as of June 1996).

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

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**TAMPA ELECTRIC COMPANY
NON-FIRM ELECTRIC SERVICE
1996 ASSESSMENT OF NEED**

In accordance with Tampa Electric Company's Rate Schedule IS-3, the following is the July 1, 1996 revision to the January 1, 1996 assessment of the need for additional interruptible load during calendar year 1997.

1. Tampa Electric Company's tariff requires that the Company complete an assessment twice each year by January 1 and July 1 regarding the need for additional non-firm electric service during the following calendar year. The Company's tariff provision regarding assessment of need was approved on December 4, 1985. Subsequent to that date, the commission adopted Florida Administrative Code Rule 25-6.0438 to define the character of non-firm electric service and various types thereof; to require a procedure for determining a utility's maximum level of non-firm load; and to establish other minimum terms and conditions for the provision of non-firm electric service.
2. Tampa Electric submitted a revised assessment of need procedure in Docket No. 870408-EI, which takes into account the various provisions of Rule 25-6.0438. The Commission approved the Company's proposal in November 1989.
3. Tampa Electric submits that its current assessment of need procedure in Docket No. 870408-EI, in addition to accomplishing the same intent as the procedure approved in Docket No. 850050-EI, Order No. 15451, fully comports with the Commission's intent expressed in Rule 25-6.0438. Moreover, the revised assessment used the assumptions and planning criteria in place for Tampa Electric's Customer, Demand & Energy Forecast and the Fuel & Interchange Forecast development. Under the application of the methodology described in Docket No. 870408-EI, non-firm load under Rate Schedule IS-3 would be open during 1996.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of January 1997 are as follows:

Load Management	262 MW
Interruptible Load	<u>213 MW</u>
 TOTAL:	 475 MW

5. Attached hereto as "Exhibit A" is a document entitled *Target Interruptible Load Worksheet* which has been extracted from Tampa Electric's proposal in Docket No. 870408-EI. As this document indicates, the 0.0 MW of additional non-firm electric service in the form of interruptible load can be offered during 1997.

1997	2,934	213	262				213	0.0
1998	3,001	209	281				213	0.0
1999	3,078	207	299				213	0.0
2000	3,141	197	317				213	0.0
2001	3,215	194	335				213	0.0
2002	3,277	187	352				213	0.0
2003	3,340	185	366				213	0.0
2004	3,403	184	379	585	3,382	20	213	0.0

Column (2) The firm load annual peak demand is firm system peak demand. Firm system peak demand contains firm retail and firm wholesale demand. Firm demand values are based on the current load forecast.

Column (7) The adjusted firm reserve is a winter firm peak reserve margin.

1997	3,651	204	62	3,917	2,934	34
1998	3,651	203	62	3,916	3,001	30
1999	3,651	202	62	3,915	3,078	27
2000	3,651	201	62	3,914	3,141	25
2001	3,651	215	62	3,928	3,215	22
2002	3,651	215	62	3,928	3,277	20
2003	3,439	540	62	4,041	3,340	21
2004	3,439	540	62	4,041	3,403	19

Column (1)

Total installed capacity includes Polk Unit 1 (in service as of October 1996).

Column (2)

Capacity interchange is the net of capacity import and exports: Capacity import includes the Purchase Agreement with TECO Power Services (TPS) beginning in 1993 (initially 360 MW, but increases to 540 MW in 2003). Availability of this capacity is subject to back-up requirements for Seminole Electric Cooperative. Capacity export includes 145 MW of Big Bend 4 which will be sold to TECO Power Services, on a limited basis, for use by Seminole Electric Cooperative. Capacity export also includes firm D transactions.

Column (3)

The cogeneration column accounts for cogeneration that will be purchased under firm contracts.

Column (5)

The firm load annual peak demand is firm system peak demand. Firm system peak demand contains firm retail and firm wholesale demand. Firm demand values are based on the current load forecast.

Column (6)

The reserve margin is a winter firm peak reserve margin.

TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING FOR	1997		213	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2004		213	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	213 (Over	- 7	213 Years)	0.0 MW
4.	TARGET INTERRUPTIBLE ENDING FOR	1997		213	MW