

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

RECEIVED-FPSC

99 DEC 30 PM 2:58

RECORDS AND REPORTING

December 30, 1999

HAND DELIVERED

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

ORIGINAL

990000

Re: Tampa Electric Company Non-Firm Electric Service – 2000 Assessment of Need

Dear Ms. Bayo:

In accordance with Rule 25-6.0438, Florida Administrative Code regarding non-firm electric service, enclosed is a copy of Tampa Electric Company's January 1, 2000 revision to its July 1, 1999 assessment of the level of non-firm load on the Tampa Electric system.

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,

Lee J. Willis
(pp)

Lee L. Willis

- ___ AFA
- ___ APP
- ___ CAF
- ___ CMU
- ___ CTR
- ___ EAG
- ___ LEG
- ___ MAS
- ___ OPC
- ___ RTR
- ___ SEC
- ___ VAW
- ___ OTH

LLW/pp
Enclosure

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

15884 DEC 30 99

FPSC-RECORDS/REPORTING

**TAMPA ELECTRIC COMPANY
NON-FIRM ELECTRIC SERVICE
2000 ASSESSMENT OF NEED**

In accordance with Tampa Electric Company's Rate Schedule IS-3, the following is the January 1, 2000 revision to the July 1, 1999 assessment of the need for additional interruptible load during calendar year 2000.

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 and various types of non-firm electric service 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 2000 Customer, Demand & Energy Forecast and the Fuel & Interchange Forecast adjusted for wholesale sales. Under the application of the methodology described in Docket No. 870408-EI, non-firm load under Rate Schedule IS-3 would be fully subscribed during 2000.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of January 2000 are as follows:

Load Management	259 MW
GSLM 2 & 3	0 MW
Interruptible Load	<u>224 MW</u>
 TOTAL:	 483 MW

GSLM 2 & 3 are subject to protest in Docket No. 990037-EI, however should GSLM be found by the FPSC to be appropriate and the existing IS rates closed to new business, GSLM will be included in this assessment of need procedure. While

GSLM is a conservation program like load management and will be subject to sequential interruption protocols as indicated above, the assessment for need will apply to the opening of GSLM to new load.

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, no additional MW of non-firm electric service in the form of interruptible load can be offered during 2000.

TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING FOR	2000		224	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2003		224	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	224	- 224	0.0	MW
		(Over	3	Years)	
4.	TARGET INTERRUPTIBLE ENDING FOR	2003		224	MW

**TARGET INTERRUPTIBLE LOAD WORKSHEET
FIRM LOAD RESERVE MARGIN WORKSHEET
(WITH COMMITTED CAPACITY ONLY)**

(1)	(2)	(3)	(4)	(5)	(6)	
YEAR	TOTAL INSTALLED CAPACITY (MW)	FIRM CAPACITY INTERCHANGE (MW)	COGEN- ERATION (MW)	TOTAL CAPACITY (MW)	FIRM LOAD ANNUAL PEAK DEMAND (MW)	RESERVE MARGIN (%)
2000	3,609	141	46	3,796	3,126	21
2001	3,809	151	46	4,006	3,232	24
2002	3,809	303	62	4,174	3,318	26
2003	3,605	450	62	4,117	3,428	20

Column (1)

Total installed capacity includes Polk CT 1 (in service as of October 2000) and Hookers Point retirement (as of January 2003).

Column (2)

Firm capacity interchange is the net of capacity import and exports. Capacity import includes the Purchase Agreement with TECO Power Services (TPS) of 360 MW. 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 TPS, on a limited basis, for use by Seminole Electric Cooperative. Capacity export also includes 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 includes firm retail and firm wholesale demand (PR, etc.). 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
YEAR	FIRM LOAD ANNUAL PEAK DEMAN (MW)	INTER- RUPTIBLE LOAD (MW)	LOAD MANAGE- MENT (MW)	TARGET NON-FIRM LOAD (MW)	ADJUSTED FIRM LOAD (MW)	ADJUSTED FIRM RESERVE (%)	TARGET INTER- RUPTIBLE (MW)	INCREMENTAL INTER- RUPTIBLE AVAILABLE (MW)
2000	3,126	224	259				224	0.0
2001	3,232	233	264				224	0.0
2002	3,318	232	268				224	0.0
2003	3,428	221	272	474	3,447	19	224	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.