

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(904) 224-9115 FAX (904) 222-7560

FILE COPY

July 1, 1997

HAND DELIVERED

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 - 1998 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, 1997 revision to the January 1, 1997 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.

In the ten-year planning horizon beginning in 1998, 0.0 MW of additional non-firm service on Tampa Electric's system is available in the year 1998 based on the maximum non-firm load and annual target procedure as described in Docket No. 870408-EI. The revised assessment used the assumptions and planning criteria in place for Tampa Electric's 1997 Customer, Demand and Energy Forecast and the Fuel and Interchange Forecast adjusted for wholesale sales.

ACK  Please acknowledge receipt and filing of the above by stamping  
AFA \_\_\_\_\_  
APP \_\_\_\_\_ the duplicate copy of this letter and returning same to this  
CAF \_\_\_\_\_ writer.

CMU \_\_\_\_\_ Thank you for your assistance in connection with this matter.  
CTR \_\_\_\_\_

EAG  Sincerely,

LEG \_\_\_\_\_  
LIN \_\_\_\_\_  
OPC \_\_\_\_\_  
RCH \_\_\_\_\_  
SEC \_\_\_\_\_  
WAS \_\_\_\_\_  
JTB \_\_\_\_\_  
JTB/pp  
Enclosures

James D. Beasley

RECEIVED & FILED

FPC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

06568 JUL-15

FPC-RECORDS/REPORTING

**TAMPA ELECTRIC COMPANY  
NON-FIRM ELECTRIC SERVICE  
1998 ASSESSMENT OF NEED**

ORIGINAL  
FILE COPY

In accordance with Tampa Electric Company's Rate Schedule IS-3, the following is the July 1, 1997 revision to the January 1, 1997 assessment of the need for additional interruptible load during calendar year 1998.

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-E.I., 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-E.I., in addition to accomplishing the same intent as the procedure approved in Docket No. 850050-E.I., 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 1997 Customer, Demand & Energy Forecast and the Fuel & Interchange Forecast adjusted for wholesale sales. Under the application of the methodology described in Docket No. 870408-E.I., non-firm load under Rate Schedule IS-3 would be fully subscribed during 1998.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of July 1997 are as follows:

|                    |               |
|--------------------|---------------|
| Load Management    | 250 MW        |
| Interruptible Load | <u>220 MW</u> |
| <br>TOTAL:         | <br>470 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-E.I.. As this document indicates, no additional MW of non-firm electric service in the form of interruptible load can be offered during 1998.

## TARGET INTERRUPTIBLE LOAD WORKSHEET

|    |                                    |       |   |        |    |    |
|----|------------------------------------|-------|---|--------|----|----|
| 1. | TARGET INTERRUPTIBLE BEGINNING FOR | 1998  |   | 220    | MW |    |
| 2. | TARGET INTERRUPTIBLE FOR THE YEAR  | 2003  |   | 220    | MW |    |
| 3. | ANNUAL INTERRUPTIBLE INCREMENT     | 220   | - | 220    | 0  | MW |
|    |                                    | (Over | 5 | Years) |    |    |
| 4. | TARGET INTERRUPTIBLE ENDING FOR    | 1998  |   | 220    | MW |    |

**TARGET INTERRUPTIBLE LOAD WORKSHEET**

**FIRM LOAD RESERVE MARGIN WORKSHEET**

**(WITH COMMITTED CAPACITY ONLY)**

|      | (1)                                    | (2)                                     | (3)                       | (4)                       | (5)  | (6)                      |
|------|--|---|---------------------------|---------------------------|--|--------------------------|
| YEAR | TOTAL<br>INSTALLED<br>CAPACITY<br>(MW) | FIRM<br>CAPACITY<br>INTERCHANGE<br>(MW) | COGEN-<br>ERATION<br>(MW) | TOTAL<br>CAPACITY<br>(MW) | FIRM LOAD<br>ANNUAL<br>PEAK DEMAND<br>(MW) | RESERVE<br>MARGIN<br>(%) |
| 1998 | 3,650                                  | 114                                     | 62                        | 3,826                     | 3,065                                      | 25                       |
| 1999 | 3,650                                  | 93                                      | 62                        | 3,805                     | 3,155                                      | 21                       |
| 2000 | 3,650                                  | 46                                      | 62                        | 3,758                     | 3,200                                      | 17                       |
| 2001 | 3,650                                  | 60                                      | 62                        | 3,772                     | 3,300                                      | 14                       |
| 2002 | 3,650                                  | 213                                     | 62                        | 3,925                     | 3,376                                      | 16                       |
| 2003 | 3,438                                  | 360                                     | 62                        | 3,860                     | 3,471                                      | 11                       |

- 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 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 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. Total installed capacity is with committed capacity only.

## TARGET INTERRUPTIBLE LOAD WORKSHEET

| (1)  | (2)                               | (3)                      | (4)                  | (5)                       | (6)                     | (7)                       | (8)                        | (9)                                       |
|------|-----------------------------------|--------------------------|----------------------|---------------------------|-------------------------|---------------------------|----------------------------|---|
| YEAR | FIRM LOAD ANNUAL PEAK DEMAND (MW) | INTER-RUPTIBLE LOAD (MW) | LOAD MANAGEMENT (MW) | TARGET NON-FIRM LOAD (MW) | ADJUSTED FIRM LOAD (MW) | ADJUSTED FIRM RESERVE (%) | TARGET INTER-RUPTIBLE (MW) | INCREMENTAL INTER-RUPTIBLE AVAILABLE (MW) |
| 1998 | 3,065                             | 220                      | 250                  |                           |                         |                           | 220                        | 0   |
| 1999 | 3,155                             | 215                      | 266                  |                           |                         |                           | 220                        | 0   |
| 2000 | 3,200                             | 215                      | 282                  |                           |                         |                           | 220                        | 0   |
| 2001 | 3,300                             | 204                      | 297                  |                           |                         |                           | 220                        | 0   |
| 2002 | 3,376                             | 194                      | 313                  |                           |                         |                           | 220                        | 0   |
| 2003 | 3,471                             | 192                      | 326                  | 503                       | 3,486                   | 11                        | 220                        | 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.