

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

ORIGINAL

January 2, 2007

HAND DELIVERED

RECEIVED  
07 JAN -2 AM 10:20  
COMMISSION  
CLERK

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

070000-07

Re: Tampa Electric Company Non-Firm Electric Service – 2007 Assessment of Need

Dear Ms. Bayo:

In accordance with Rule 25-6.0438, Florida Administrative Code regarding non-firm electric service, enclosed are the original and fifteen (15) copies of Tampa Electric Company's January 1, 2007 revision to its July 1, 2006 assessment of need for additional interruptible load during calendar year 2007.

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.

- CMP \_\_\_\_\_
- COM \_\_\_\_\_
- CTR \_\_\_\_\_
- ECR \_\_\_\_\_
- GCL \_\_\_\_\_
- OPC \_\_\_\_\_ JDB/pp
- RCA \_\_\_\_\_ Enclosure
- SCR \_\_\_\_\_
- SGA \_\_\_\_\_
- SEC   1
- OTH \_\_\_\_\_

Sincerely,

James D. Beasley

RECEIVED & FILED

*ms*  
FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE  
00018 JAN-25  
FPSC-COMMISSION CLERK

**TAMPA ELECTRIC COMPANY  
NON-FIRM ELECTRIC SERVICE  
2007 ASSESSMENT OF NEED**

In accordance with Tampa Electric Company's Rate Schedule GSLM-2, the following is the January 1, 2007 revision to the July 1, 2006 assessment of need for additional interruptible load during calendar year 2007.

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 2005 Customer, Demand & Energy Forecast and the Generation, 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 GSLM-2 will have 75.5 MW of non-firm service during 2007.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of January, 2007 are as follows:

Load Management	212.0 MW
GSLM 2	75.5 MW
Interruptible Load	<u>171.0 MW</u>
 TOTAL:	 458.5 MW

5. Attached hereto is a document entitled *Target Interruptible Load Worksheet* which was developed based on Tampa Electric's proposal in Docket No. 870408-EI. As this document indicates, 75.5 MW of non-firm electric service in the form of interruptible load can be offered during 2007.

DOCUMENT NUMBER - DATE

Tampa Electric Company 702 N. Franklin Street P. O. Box 111 Tampa, Florida 33601-0118 JAN -2 5

FPSC-COMMISSION CLERK

### TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING FOR	2007		171	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2011		473	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	473	- 171	75.5	MW
		(Over 4	Years)		
4.	TARGET INTERRUPTIBLE ENDING FOR	2011		473	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)	COGENERATION (MW)	TOTAL CAPACITY (MW)	FIRM LOAD ANNUAL PEAK DEMAND (MW)	RESERVE MARGIN (%)
2007	4,310	841	62	5,213	4,340	20
2008	4,740	611	62	5,413	4,470	21
2009	4,914	611	62	5,587	4,601	21
2010	5,325	611	39	5,975	4,732	26
2011	5,422	441	23	5,886	4,796	23

Column (1) Total installed capacity includes committed capacity and scheduled maintenance.

Column (2) Firm capacity interchange is the net of capacity import and exports. Capacity imports for 2007 through 2011 includes a firm purchase power agreement with Invenergy of 441 MW. Capacity imports also include unspecified purchased power needed for the installation of the Selective Catalytic Reduction (SCR) equipment on Big Bend unit 3, of 230 MW in 2008. The SCR installations are part of the Consent Decree between Tampa Electric and the U.S. Environmental Protection Agency. Capacity imports also includes a 50MW purchase from Progress Energy (1/1/2006 - 3/31/2007) and a 170MW purchase from Calpine (5/1/2006 - 4/30/2011). Tampa Electric firm sales agreement to New Smyrna Beach of 10 MW for Januray 2006 through December 31, 2007.

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.

## 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 MANAGE- MENT (MW)	TARGET NON-FIRM LOAD (MW)	ADJUSTED FIRM LOAD (MW)	ADJUSTED FIRM RESERVE (%)	TARGET INTER- RUPTIBLE (MW)	INCREMENTAL INTER- RUPTIBLE AVAILABLE (MW)
2007	4,340	171	212				171	75.5
2008	4,470	171	209				247	75.5
2009	4,601	150	207				322	75.5
2010	4,732	150	206				398	75.5
2011	4,796	150	204	677	4,473	32	473	

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.