

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

January 3, 2006

HAND DELIVERED

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

Re: Tampa Electric Company Non-Firm Electric Service – 2006 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, 2006 revision to its July 1, 2005 assessment of need for additional interruptible load during calendar year 2006.

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
Enclosure

DOCUMENT NUMBER-DATE

00036 JAN-3 06

FPSC-COMMISSION CLERK

**TAMPA ELECTRIC COMPANY
NON-FIRM ELECTRIC SERVICE
2006 ASSESSMENT OF NEED**

In accordance with Tampa Electric Company's Rate Schedule GSLM-2, the following is the January 1, 2006 revision to the July 1, 2005 assessment of need for additional interruptible load during calendar year 2006.

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 59.6 MW of non-firm service during 2006.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of January, 2006 are as follows:

Load Management	243.0 MW
GSLM 2	59.6 MW
Interruptible Load	<u>150.0 MW</u>
 TOTAL:	 452.6 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, 59.6 MW of non-firm electric service in the form of interruptible load can be offered during 2006.

TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING FOR	2006		150	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2010		389	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	389	- 150	59.6	MW
		(Over	4 Years)		
4.	TARGET INTERRUPTIBLE ENDING FOR	2010		389	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 (%)
2006	4,423	491	63	4,977	4,112	21
2007	4,603	661	63	5,327	4,248	25
2008	4,170	1,011	63	5,244	4,374	20
2009	4,367	1,011	63	5,441	4,511	21
2010	4,355	1,011	63	5,429	4,657	17

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 2005 through 2009 includes a firm purchase power agreement with Hardee Power Partners of 441 MW. Capacity imports also include 400MW of unspecified purchase power expected to be needed for the installation of the Selective Catalytic Reduction (SCR) equipment on Big Bend 3 in 2008, Big Bend 2 in 2009 and Big Bend 1 in 2010. These 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).

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 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)
2006	4,112	150	243				150	59.6
2007	4,248	151	241				210	59.6
2008	4,374	150	240				269	59.6
2009	4,511	151	238				329	59.6
2010	4,657	147	236	625	4,415	23	389	

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.