

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

December 30, 2011

HAND DELIVERED

RECEIVED - FPSC
11 DEC 30 AM 10:20
COMMISSION
CLERK

Ms. Ann Cole, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

110000-07

Re: Tampa Electric Company Non-Firm Electric Service – 2012 Assessment of Need

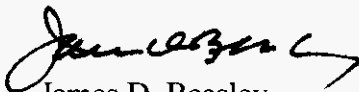
Dear Ms. Cole:

In accordance with Rule 25-6.0438, Florida Administrative Code, regarding non-firm electric service, enclosed is the original and fifteen (15) copies of Tampa Electric Company's January 1, 2012 revision to the July 1, 2011 assessment of need for additional interruptible load during calendar year 2012.

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

COM _____
APA _____
ECR 14 _____
GCL 1 _____
AAD _____
SRC _____
ADM _____
OPC _____
CLK _____

DOCUMENT NUMBER 0201

09197 DEC 30 =

FPSC-COMMISSION CLERK

**TAMPA ELECTRIC COMPANY
NON-FIRM ELECTRIC SERVICE
2012 ASSESSMENT OF NEED**

In accordance with Tampa Electric Company's Rate Schedule GSLM-2, the following is the January 1, 2012 revision to the July 1, 2011 assessment of need for additional interruptible load during calendar year 2012.

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 2011 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 66.0 MW of non-firm service during 2012.
4. The estimated levels of non-firm load on the Tampa Electric system for the month of January, 2012 are as follows:

Load Management	185.0 MW
GSLM 2	66.0 MW
Interruptible Load	<u>136.0 MW</u>
TOTAL:	387.0 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, 66.0 MW of non-firm electric service in the form of interruptible load can be offered during 2012.

DOCUMENT NUMBER 09197 DEC 30 =
FPSC-COMMISSION CLERK

TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING	2012		136	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2016		400	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	400	- 136	66.0	MW
		(Over	4	Years)	
4.	TARGET INTERRUPTIBLE ENDING	2016		400	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 (%)
2012	4,684	121	23	4,828	3,923	23
2013	4,867	121	23	5,011	3,980	26
2014	4,928	121	23	5,072	4,032	26
2015	4,989	121	0	5,110	4,087	25
2016	5,050	121	0	5,171	4,145	25

3

- 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 import includes a firm purchase power agreement (PPA) with Pasco Cogen of 121 MW through 2018.
- 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 after maintenance and 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)
2012	3,923	136	185				136	66.0
2013	3,980	136	187				202	66.0
2014	4,032	136	189				268	66.0
2015	4,087	136	192				334	66.0
2016	4,145	137	195	595	3,881	33	400	

4

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.

Note: Values shown may be affected due to rounding.