

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

June 29, 2012

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

12000-05

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 are the original and fifteen (15) copies of Tampa Electric Company's July 1, 2012 revision to its January 1, 2012 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

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Document No. 1

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

In accordance with Tampa Electric Company's Rate Schedule GSLM-2 and GSLM-3, the following is the July 1, 2012 revision to the January 1, 2012 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 2012 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, an additional 73.5 MW of non-firm load under Rate Schedule GSLM-2 and GSLM-3 will be allowed during 2012.
4. The estimated maximum levels of non-firm load on the Tampa Electric system for the month of July, 2012 are as follows:

Load Management	184.0 MW
Available Interruptible Load under GSLM 2 and GSLM 3	73.5 MW
Existing Interruptible Load under GSLM 2 and GSLM 3	<u>125.0 MW</u>
TOTAL:	382.5 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, 73.5 MW of non-firm electric service in the form of interruptible load can be offered during 2012.

TARGET INTERRUPTIBLE LOAD WORKSHEET

1.	TARGET INTERRUPTIBLE BEGINNING	2012		125	MW
2.	TARGET INTERRUPTIBLE FOR THE YEAR	2016		420	MW
3.	ANNUAL INTERRUPTIBLE INCREMENT	420	- 125	73.5	MW
		(Over	4	Years)	
4.	TARGET INTERRUPTIBLE ENDING	2016		420	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	398	23	5,105	3,819	34
2013	4,714	398	23	5,135	3,864	33
2014	4,714	398	23	5,135	3,910	31
2015	4,714	398	0	5,112	3,955	29
2016	5,177	121	0	5,298	4,003	32

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 Calpine of 117 MW through 2016, Southern of 160 MW through 2015, an unspecified purchase of 160 MW in 2016, and 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.

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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	3,819	125	184				125	73.5
2013	3,864	113	184				199	73.5
2014	3,910	109	186				273	73.5
2015	3,955	110	188				346	73.5
2016	4,003	109	190	610	3,693	43	420	

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.

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