

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

RECEIVED-FPSC

10 JUL 21 PM 2:30

COMMISSION
CLERK

July 21, 2010

HAND DELIVERED

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

Re: Petition for Approval of Demand-side Management Plan of Tampa Electric Company; FPSC Docket No. 100159-EG

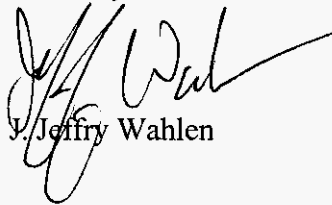
Dear Ms. Cole:

Enclosed for filing in the above docket are the original and five copies of Tampa Electric Company's answers to the Florida Public Service Commission Staff's Data Request No. 3, propounded and served by U. S. Mail on July 1, 2010.

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,



J. Jeffrey Wahlen

JJW/pp
Enclosure

COM	_____	cc: Katherine E. Fleming	(w/enc.)
APA	_____	Vicki Gordon Kaufman	(w/enc.)
ECR	_____	John W. McWhirter, Jr.	(w/enc.)
GCL	_____	George Cavros	(w/enc.)
<u>RAD</u>	<u>4</u>	Suzanne Brownless	(w/enc.)
		Rick D. Chamberlin	(w/enc.)

SSC _____
ADM _____
OPC _____
CLK _____

DOCUMENT NUMBER-DATE

5982 JUL 21 0

FPSC-COMMISSION CLERK

**TAMPA ELECTRIC COMPANY
DOCKET NO. 100159-EG
STAFF'S THIRD DATA REQUEST
REQUEST NO. 1
PAGE 1 OF 1
FILED: JULY 21, 2010**

1. Please refer to Order No. PSC-09-0855-FOF-EG, establishing TECO's residential & commercial/industrial conservation goals for the period 2010 through 2019. Please provide the amount of these goals associated with audits in the following table.

Year	Residential			Commercial/Industrial		
	Summer Demand	Winter Demand	Annual Energy	Summer Demand	Winter Demand	Annual Energy
	(MW)	(MW)	(GWh)	(MW)	(MW)	(GWh)
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018						
2019						

- A. See the table below.

Year	Residential			Commercial/Industrial		
	Summer Demand	Winter Demand	Annual Energy	Summer Demand	Winter Demand	Annual Energy
	(MW)	(MW)	(GWH)	(MW)	(MW)	(GWH)
2010	0.5	0.7	4.8	0.1	0.1	0.9
2011	0.5	0.7	5.4	0.1	0.1	1.0
2012	0.5	0.8	5.7	0.1	0.1	1.0
2013	0.4	0.5	1.6	0.1	0.1	0.5
2014	0.4	0.5	1.7	0.1	0.1	0.5
2015	0.4	0.5	1.7	0.1	0.1	0.5
2016	0.4	0.5	1.8	0.1	0.1	0.5
2017	0.4	0.5	1.8	0.1	0.1	0.5
2018	0.4	0.6	1.9	0.1	0.1	0.5
2019	0.4	0.6	1.9	0.1	0.1	0.5

**TAMPA ELECTRIC COMPANY
DOCKET NO. 100159-EG
STAFF'S THIRD DATA REQUEST
REQUEST NO. 2
PAGE 1 OF 2
FILED: JULY 21, 2010**

2. Please provide the Technical Potential and Achievable Potential associated with energy audits. Please provide the amount of these programs by customer class (Residential and Commercial/Industrial) for the period 2010 through 2019.

Year	Residential			Commercial/Industrial		
	Summer Demand	Winter Demand	Annual Energy	Summer Demand	Winter Demand	Annual Energy
	(MW)	(MW)	(GWh)	(MW)	(MW)	(GWh)
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018						
2019						

- A. Technical potential was defined by Itron's Mike Rufo in the demand-side management ("DSM") goals dockets, specifically Docket Nos. 080407-EG through 080413-EG. In those dockets, witness Rufo testified, "Technical potential is defined ... as the complete penetration of all measures analyzed in applications where they were deemed technically feasible from an engineering perspective." Witness Rufo further testified that, "...technical potential does not have a time dimension associated with it and, in this way, should be viewed as a snapshot of the technically feasible efficiency resource given available information on measures and the size of the feasible and eligible market."

From witness Rufo's testimony, two clear facts are evident. First, a technical potential analysis is to be performed on individual conservation measures. Second, technical potential does not cover a period of time; it is only a snapshot in time.

Residential and commercial energy audits are not individual measures; they are programs that address multiple measure applications and customer practices and behaviors. As such, these programs do not fit the industry practice applied to technical potential evaluations. However, Tampa Electric

**TAMPA ELECTRIC COMPANY
DOCKET NO. 100159-EG
STAFF'S THIRD DATA REQUEST
REQUEST NO. 2
PAGE 2 OF 2
FILED: JULY 21, 2010**

has attempted to present a quasi "technical potential" of both programs in the data below. Consistent with the standard technical potential protocol utilized in the DSM goals dockets, the company has selected 2010 as the snapshot point in time.

Technical Potential

Residential		
Summer Demand (MW)	Winter Demand (MW)	Annual Energy (GWH)
28.5	40.2	293.0

Commercial/Industrial		
Summer Demand (MW)	Winter Demand (MW)	Annual Energy (GWH)
8.0	7.2	59.8

Achievable potential is derived from technical potential but has a definite period of time for accomplishment. However, it too is measure specific. Therefore, in an effort to provide a quasi "achievable potential," the company has assumed the 2010-2019 projected participation rates for residential and commercial audits provides the best proxy for these programs' "achievable potential." For achievable potential, please refer to Staff's Third Data Request, No. 1.