BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 110002-EG

IN RE: CONSERVATION COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

HOWARD T. BRYANT

FILED: SEPTEMBER 13, 2011

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

HOWARD T. BRYANT

Q. Please state your name, address, occupation and employer.

A. My name is Howard T. Bryant. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "the company") as Manager, Rates in the Regulatory Affairs Department.

Q. Please provide a brief outline of your educational background and business experience.

A. I graduated from the University of Florida in June 1973 with a Bachelor of Science degree in Business Administration. I have been employed at Tampa Electric since 1981. My work has included various positions in Customer Service, Energy Conservation Services, Demand Side Management ("DSM") Planning, Energy Management and Forecasting, and Regulatory Affairs. In my current position I am responsible for the company's Energy Conservation Cost Recovery ("ECCR") clause, Environmental

Cost Recovery Clause ("ECRC"), and retail rate design.

Q. Have you previously testified before the Florida Public Service Commission ("Commission")?

A. Yes. I have testified before this Commission on conservation and load management activities, DSM goals setting and DSM plan approval dockets, and other ECCR dockets since 1993, and ECRC activities since 2001.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to support the company's actual conservation costs incurred during the period January through December 2010, the actual/projected period January to December 2011, and the projected period January through December 2012. Also, I will support the appropriate Contracted Credit Value ("CCV") for participants in the General Service Industrial Load Management Riders ("GSLM-2" and "GSLM-3") for the period January through December 2012. In addition, I will support the appropriate residential variable pricing rates ("RSVP-1") for participants in the Residential Price Responsive Load Management Program for the period January through December 2012.

Q. Did you prepare any exhibits in support of your testimony?

A. Yes. Exhibit No. _____ (HTB-2), containing one document, was prepared under my direction and supervision. Document No. 1 includes Schedules C-1 through C-5 and associated data which support the development of the conservation cost recovery factors for January through December 2012.

Q. Please describe the conservation program costs projected by Tampa Electric during the period January through December 2010.

A. For the period January through December 2010, Tampa Electric projected conservation program costs to be $42,186,372. The Commission authorized collections to recover these expenses in Docket No. 090002-EG, Order No. PSC-09-0794-FOF-EG, issued December 1, 2009.

Q. For the period January through December 2010, what were Tampa Electric's conservation costs and what was recovered through the ECCR clause?

A. For the period January through December 2010, Tampa

Electric incurred actual net conservation costs of $43,371,442, plus a beginning true-up under-recovery of $1,434,024 for a total of $44,805,466. The amount collected in the ECCR clause was $43,755,867.

Q. What was the true-up amount?

A. The true-up amount for the period January through December 2010 was an under-recovery of $1,053,754. These calculations are detailed in Exhibit No. ___ (HTB-1), Conservation Cost Recovery True Up, Pages 2 through 13, filed May 3, 2011.

Q. Please describe the conservation program costs incurred and projected to be incurred by Tampa Electric during the period January through December 2011?

A. The actual costs incurred by Tampa Electric through July 2011 and estimated for August through December 2011 are $47,586,744. For the period, Tampa Electric anticipates an over-recovery in the ECCR Clause of $1,288,708 which includes the 2010 true-up and interest. A summary of these costs and estimates are fully detailed in Exhibit No. ___ (HTB-2), Conservation Costs Projected, pages 17 through 24.

Q. Has Tampa Electric proposed any new or modified DSM Programs for ECCR cost recovery for the period January through December 2011?

A. No.

Q. Please summarize the proposed conservation costs for the period January through December 2012 and the annualized recovery factors applicable for the period January through December 2012?

A. Tampa Electric has estimated that the total conservation costs (less program revenues) during the period will be $53,264,836 plus true-up. Including true-up estimates, the January through December 2012 cost recovery factors for firm retail rate classes are as follows:

Rate Schedule	**Cost Recovery Factors (cents per kWh)**
RS	0.302
GS and TS	0.288
GSD Optional - Secondary	0.250
GSD Optional - Primary	0.248
GSD Optional - Subtransmission	0.245
LS1	0.151

Rate Schedule	Cost Recovery Factors (dollars per kW)
GSD - Secondary	1.05
GSD - Primary	1.04
GSD - Subtransmission	1.03
SBF - Secondary	1.05
SBF - Primary	1.04
SBF - Subtransmission	1.03
IS - Secondary	0.92
IS - Primary	0.91
IS - Subtransmission	0.90

Exhibit No. ___ (HTB-2), Conservation Costs Projected, pages 12 through 16 contain the Commission prescribed forms which detail these estimates.

Q. Has Tampa Electric complied with the ECCR cost allocation methodology stated in Docket No. 930759-EG, Order No. PSC-93-1845-EG?

A. Yes, it has.

Q. Please explain why the incentive for GSLM-2 and GSLM-3 rate riders is included in your testimony?

A. In Docket No. 990037-EI, Tampa Electric petitioned the

Commission to close its non-cost-effective interruptible service rate schedules while initiating the provision of a cost-effective non-firm service through a new load management program. This program would be funded through the ECCR clause and the appropriate annual CCV for customers would be submitted for Commission approval as part of the company's annual ECCR projection filing. Specifically, the level of the CCV would be determined by using the Rate Impact Measure ("RIM") Test contained in the Commission's cost-effectiveness methodology found in Rule 25-17.008, F.A.C. By using a RIM Test benefit-to-cost ratio of 1.2, the level of the CCV would be established on a per kilowatt ("kW") basis. This program and methodology for CCV determination was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

Q. What is the appropriate CCV for customers who elect to take service under the GSLM-2 and GSLM-3 rate riders during the January through December 2012 period?

A. For the January through December 2012 period, the CCV will be $9.82 per kW. If the 2012 assessment for need determination indicates the availability of new non-firm load, the CCV will be applied to new subscriptions for

service under those rate riders. The application of the cost-effectiveness methodology to establish the CCV is found in the attached analysis, Exhibit No. ___ (HTB-2), Conservation Costs Projected, beginning on page 59 through 63.

Q. Please explain why the RSVP-1 rates for Residential Price Responsive Load Management are in your testimony?

A. In Docket No. 070056-EG, Tampa Electric's petition to allow its pilot residential price responsive load management initiative to become permanent was approved by the Commission on August 28, 2007. This program is to be funded through the ECCR clause and the appropriate annual RSVP-1 rates for customers are to be submitted for Commission approval as part of the company's annual ECCR projection filing.

Q. What are the appropriate Price Responsive Load Management rates ("RSVP-1") for customers who elect to take this service during the January through December 2012?

A. The appropriate RSVP-1 rates during the January through December 2012 period for Tampa Electric's Price Responsive Load Management program are as follows:

Rate Tier	Cents per kWh
P4	31.376
P3	5.591
P2	(0.746)
P1	(1.088)

Page 64 contains the projected RSVP-1 rates for 2012.

Q. Does this conclude your testimony?

A. Yes it does.

CONSERVATION COSTS
PROJECTED

INDEX

TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
JANUARY 2012 THROUGH DECEMBER 2012

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 25% Avg Demand Factor (%)
RS	53.82%	8,889,736	1,886	1.08084	1.05540	9,382,208	2,038	46.82%	57.08%	54.51%
GS,TS	59.28%	1,041,638	201	1.08084	1.05538	1,099,328	217	5.49%	6.08%	5.93%
GSD Optional	4.71%	458,490	65	1.07633	1.05161	482,154	70	2.41%	1.96%	2.07%
GSD, SBF Standard	76.20%	7,416,729	1,046	1.07633	1.05161	7,799,529	1,126	38.94%	31.54%	33.39%
IS	102.46%	1,023,749	114	1.03157	1.01880	1,042,990	118	5.21%	3.31%	3.79%
LS1	2255.01%	213,911	1	1.08084	1.05540	225,761	1	1.13%	0.03%	0.31%
TOTAL		19,044,253	3,313			20,031,970	3,570	100%	100%	100%

(1) AVG 12 CP load factor based on 2010 projected data.
(2) Projected MWH sales for the period Jan. 2012 thru Dec. 2012.
(3) Calculated: Col (2) / (8760*Col (1)).
(4) Based on 2010 projected demand losses.
(5) Based on 2010 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Col (6) / total for Col (6).
(9) Col (7) / total for Col (7).

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Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2012 through December 2012

1.	Total Incremental Cost (C-2, Page 1, Line 37)	53,249,836
2.	Demand Related Incremental Costs	33,110,479
3.	Energy Related Incremental Costs	20,139,357

RETAIL BY RATE CLASS

		RS	GS,TS	GSD, SBF STANDARD	GSD OPTIONAL	IS	LS1	Total
4.	Demand Allocation Percentage	54.51%	5.93%	33.39%	2.07%	3.79%	0.31%	100.00%
5.	Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	18,048,522	1,963,451	11,055,589	685,387	1,254,887	102,642	33,110,479
6.	Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	(533,881)	(58,079)	(327,028)	(20,274)	(37,120)	(3,036)	(979,418)
7.	Total Demand Related Incremental Costs	17,514,641	1,905,372	10,728,561	665,113	1,217,767	99,606	32,131,061
8.	Energy Allocation Percentage	46.82%	5.49%	38.94%	2.41%	5.21%	1.13%	100.00%
9.	Net Energy Related Incremental Costs	9,429,247	1,105,651	7,842,266	485,359	1,049,260	227,575	20,139,357
10.	Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	(144,810)	(16,980)	(120,438)	(7,454)	(16,114)	(3,495)	(309,290)
11.	Total Net Energy Related Incremental Costs	9,284,437	1,088,671	7,721,828	477,905	1,033,146	224,080	19,830,067
12.	Total Incremental Costs (Line 5 + 9)	27,477,769	3,069,102	18,897,855	1,170,745	2,304,148	330,217	53,249,836
13.	Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	(678,690)	(75,060)	(447,465)	(27,728)	(53,234)	(6,531)	(1,288,708)
14.	Total (Line 12 + 13)	26,799,079	2,994,043	18,450,389	1,143,018	2,250,914	323,686	51,961,128
15.	Retail MWH Sales	8,889,736	1,041,638	7,416,729	458,490	1,023,749	213,911	19,044,253
16	Effective MWH at Secondary	8,889,736	1,041,638	7,416,729	458,490	1,023,749	213,911	19,044,253
17.	Projected Billed KW at Meter	*	*	17,526,343	*	2,459,026	*	
18.	Cost per KWH at Secondary (Line 14/Line 16)	0.30146	0.28744	*	0.24930	*	0.15132	
19.	Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20.	Adjustment Factor Adjusted for Taxes	0.3017	0.2876	*	0.2495	*	0.1514	
21.	Conservation Adjustment Factor (cents/KWH)							
	RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *							
	- Secondary	0.302	0.288		0.250		0.151	
	- Primary				0.248			
	- Subtransmission				0.245			
	GSD, SBF, IS Standard Rates ($/KW) *							
	Full Requirement							
	- Secondary	*	*	1.05	*	0.92	*	
	- Primary	*	*	1.04	*	0.91	*	
	- Subtransmission	*	*	1.03	*	0.90	*	

* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2012 through December 2012

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	181,906	181,906	181,906	182,041	182,316	183,090	183,090	183,050	182,276	182,041	181,886	181,752	2,187,260
2 Prime Time (D)	564,071	528,369	488,918	401,340	411,958	411,641	425,433	410,421	405,654	396,025	495,476	496,195	5,435,501
3 Energy Audits (E)	277,404	271,115	273,115	273,142	273,035	287,903	304,772	320,497	294,037	271,042	257,379	243,896	3,347,337
4 Cogeneration (E)	5,763	6,859	7,247	7,117	9,134	7,657	6,437	5,898	5,769	5,898	5,769	5,898	79,446
5 Commercial Load Mgmt (D)	172	160	172	168	2,807	1,168	1,172	1,172	2,803	1,178	181	185	11,338
6 Commercial Lighting (E)	43,547	43,547	43,547	43,697	43,697	43,697	43,697	43,697	43,697	43,697	43,697	43,697	523,914
7 Standby Generator (D)	189,230	188,923	189,230	189,128	189,230	189,128	189,230	189,230	189,128	189,230	189,128	189,230	2,270,045
8 Conservation Value (E)	1,483	1,483	16,583	16,483	16,483	16,583	16,483	16,483	16,583	16,483	1,483	16,583	153,196
9 Duct Repair (E)	121,081	121,081	121,081	121,081	121,081	121,081	121,081	121,081	121,081	121,081	121,081	121,081	1,452,972
10 Renewable Energy (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	130,250	126,334	126,334	126,334	126,334	126,334	137,093	126,401	126,401	126,401	126,401	126,401	1,531,018
12 Industrial Load Management (D)	1,601,348	1,702,022	1,702,697	1,602,697	1,602,022	1,702,022	1,701,348	1,702,022	1,700,924	1,600,924	1,600,924	1,600,924	19,819,874
13 DSM R&D (D&E) (50% D, 50% E)	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	43,800
14 Commercial Cooling (E)	10,898	10,898	10,898	10,898	10,898	10,898	10,898	10,898	10,898	10,898	10,898	10,898	130,776
15 Residential New Construction (E)	146,891	146,941	147,076	147,076	147,211	147,501	147,501	147,501	147,211	147,211	147,076	146,891	1,766,087
16 Common Expenses (D&E) (50% D, 50% E)	92,694	111,597	95,490	95,517	94,142	91,669	91,750	91,885	91,696	111,570	91,669	91,534	1,151,213
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	273,770	277,949	282,880	286,991	291,462	295,710	300,119	304,401	308,552	312,866	316,955	321,205	3,572,660
18 Residential Building Envelope Improvement (E)	256,458	255,985	256,458	256,300	256,458	256,300	256,458	256,458	256,300	256,458	256,300	256,458	3,076,391
19 Residential Electronic Commutated Motors (E)	11,861	11,861	11,861	11,861	11,861	11,861	11,861	11,861	11,861	11,861	11,861	11,861	142,332
20 Energy Education Outreach (E)	15,914	15,914	15,914	15,914	15,914	15,914	21,414	15,914	15,914	15,914	15,914	15,914	196,468
21 Residential HVAC Re-Commissioning (E)	51,800	51,800	51,800	51,800	51,800	51,800	51,800	51,800	51,800	51,800	51,800	51,800	621,600
22 Neighborhood Weatherization & Agency Outreach (E)	40,539	40,539	40,539	44,502	41,887	41,887	41,887	41,887	41,887	44,502	40,539	40,512	501,107
23 Commercial Duct Repair (E)	103,679	103,679	128,679	128,929	128,679	153,679	153,679	128,679	128,679	128,679	128,679	128,679	1,544,398
24 Commercial Energy Recovery Ventilation (E)	360	360	360	360	360	360	360	360	360	360	360	360	4,320
25 Commercial Building Envelope Improvement (E)	13,864	13,645	13,645	13,645	13,645	13,864	13,864	13,645	13,645	13,645	13,864	13,780	164,751
26 Commercial Energy Efficient Motors (E)	454	454	454	454	454	454	454	454	454	454	454	454	5,448
27 Commercial Demand Response (D)	264,318	264,318	264,318	264,318	264,318	264,318	264,318	264,318	272,138	269,442	269,442	264,318	3,189,884
28 Commercial Chiller Replacement (E)	202	202	202	10,396	10,396	10,396	10,396	10,396	10,396	202	202	202	63,588
29 Commercial Occupancy Sensors (Lighting) (E)	4,868	4,868	4,868	4,868	4,868	4,868	4,868	4,868	4,868	4,868	4,868	4,868	58,416
30 Commercial Refrigeration (Anti-Condensate) (E)	200	200	200	200	200	200	200	200	200	200	200	200	2,400
31 Commercial Water Heating (E)	173	173	173	173	173	173	173	173	173	173	173	173	2,076
32 Commercial HVAC Re-Commissioning (E)	16,832	13,332	11,832	11,832	11,832	11,832	16,832	11,832	11,832	11,832	11,832	11,832	153,484
33 Commercial Electronic Commutated Motors	5,227	5,227	5,227	5,227	527	527	527	527	527	527	527	527	25,124
34 Cool Roof (E)	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	21,612
35 Total All Programs	4,432,708	4,507,192	4,498,955	4,329,940	4,340,633	4,479,966	4,534,646	4,493,460	4,473,195	4,352,913	4,402,469	4,403,759	53,249,836
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Consv. Expenses	4,432,708	4,507,192	4,498,955	4,329,940	4,340,633	4,479,966	4,534,646	4,493,460	4,473,195	4,352,913	4,402,469	4,403,759	53,249,836
Summary of Demand & Energy													
Energy	1,628,512	1,626,802	1,662,710	1,679,210	1,675,671	1,716,174	1,755,385	1,726,329	1,700,599	1,682,071	1,641,181	1,644,712	20,139,357
Demand	2,804,196	2,880,390	2,836,245	2,650,730	2,664,962	2,763,792	2,779,261	2,767,131	2,772,596	2,670,842	2,761,288	2,759,047	33,110,479
Total Recoverable Consv. Expenses	4,432,708	4,507,192	4,498,955	4,329,940	4,340,633	4,479,966	4,534,646	4,493,460	4,473,195	4,352,913	4,402,469	4,403,759	53,249,836

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DOCKET NO. 110002-EG
ECCR 2012 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-2, PAGE 1 OF 4

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2012 through December 2012

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1 Heating and Cooling (E)	0	126,352	3,572	600	0	2,052,372	920	3,444	0	2,187,260
2 Prime Time (D)	0	269,936	45,944	96,540	0	4,963,621	19,884	39,576	0	5,435,501
3 Energy Audits (E)	0	1,577,713	25,020	181,248	1,358,064	0	93,280	112,012	0	3,347,337
4 Cogeneration (E)	0	74,514	0	0	0	0	1,776	3,156	0	79,446
5 Commercial Load Mgmt (D)	32	2,198	3,000	0	0	6,000	108	0	0	11,338
6 Commercial Lighting (E)	0	77,064	0	0	0	445,200	1,650	0	0	523,914
7 Standby Generator (D)	0	43,241	0	1,440	0	2,220,000	5,364	0	0	2,270,045
8 Conservation Value (E)	0	17,796	0	0	0	135,000	400	0	0	153,196
9 Duct Repair (E)	0	123,216	600	0	90,000	1,225,296	1,440	12,420	0	1,452,972
10 Renewable Energy (E)	0	24,264	204,000	0	0	0	390	1,944	(230,598)	0
11 Renewable Energy Systems Initiative (E)	0	148,535	0	165,000	0	1,210,679	4,800	2,004	0	1,531,018
12 Industrial Load Management (D)	0	18,874	0	0	0	19,800,000	1,000	0	0	19,819,874
13 DSM R&D (D&E) (50% D, 50% E)	0	40,776	0	3,024	0	0	0	0	0	43,800
14 Commercial Cooling (E)	0	27,108	0	0	0	103,368	300	0	0	130,776
15 Residential New Construction (E)	0	57,435	0	0	0	1,707,492	1,160	0	0	1,766,087
16 Common Expenses (D&E) (50% D, 50% E)	0	697,793	420	442,824	0	0	2,100	8,076	0	1,151,213
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,462,649	929,367	32,184	528,060	360,000	0	61,020	199,380	0	3,572,660
18 Residential Building Envelope Improvement (E)	0	273,587	900	360	0	2,782,788	3,480	15,276	0	3,076,391
19 Residential Electronic Commutated Motors (E)	0	17,472	0	17,760	0	107,100	0	0	0	142,332
20 Energy Education Outreach (E)	0	39,684	26,232	116,652	0	2,400	1,200	10,300	0	196,468
21 Residential HVAC Re-Commissioning (E)	0	68,448	0	83,160	0	469,992	0	0	0	621,600
22 Neighborhood Weatherization & Agency Outreach (E)	0	90,607	216,900	192,000	0	0	1,600	0	0	501,107
23 Commercial Duct Repair (E)	0	33,624	250	8,004	0	1,500,000	2,400	120	0	1,544,398
24 Commercial Energy Recovery Ventilation (E)	0	840	0	0	0	3,180	300	0	0	4,320
25 Commercial Building Envelope Improvement (E)	0	24,607	600	0	0	137,604	1,820	120	0	164,751
26 Commercial Energy Efficient Motors (E)	0	1,944	0	0	0	3,204	300	0	0	5,448
27 Commercial Demand Response (D)	0	37,484	0	3,152,100	0	0	300	0	0	3,189,884
28 Commercial Chiller Replacement (E)	0	3,438	0	0	0	60,000	150	0	0	63,588
29 Commercial Occupancy Sensors (Lighting) (E)	0	14,916	0	0	0	43,200	300	0	0	58,416
30 Commercial Refrigeration (Anti-Condensate) (E)	0	624	0	0	0	1,656	120	0	0	2,400
31 Commercial Water Heating (E)	0	576	0	0	0	1,380	120	0	0	2,076
32 Commercial HVAC Re-Commissioning (E)	0	17,796	11,500	36,000	0	86,988	1,200	0	0	153,484
33 Commercial Electronic Commutated Motors	0	2,424	0	0	0	22,400	300	0	0	25,124
34 Cool Roof (E)	0	4,452	0	0	0	16,860	300	0	0	21,612
35 Total All Programs	1,462,681	4,888,705	571,122	5,024,772	1,808,064	39,107,780	209,482	407,828	(230,598)	53,249,836
Summary of Demand & Energy										
Energy	731,324	3,683,004	505,876	1,287,738	1,628,064	12,118,159	151,266	264,524	(230,598)	20,139,357
Demand	731,357	1,205,701	65,246	3,737,034	180,000	26,989,621	58,216	143,304	0	33,110,479
Total All Programs	1,462,681	4,888,705	571,122	5,024,772	1,808,064	39,107,780	209,482	407,828	(230,598)	53,249,836

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2012 through December 2012

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	460	0	0	460
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	460	460	460	
4. Depreciation Expense		0	0	0	0	0	0	0	0	0	4	8	8	20
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	460	460	460	460
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	4	12	20	20
7. Net Investment	0	0	0	0	0	0	0	0	0	0	456	448	440	440
8. Average Investment		0	0	0	0	0	0	0	0	0	228	452	444	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	1	3	3	7
10. Return Requirements		0	0	0	0	0	0	0	0	0	2	5	5	12
11. Total Depreciation and Return		0	0	0	0	0	0	0	0	0	6	13	13	32

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2012 through December 2012

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		195,390	195,390	195,390	195,390	195,390	195,390	195,390	195,390	195,390	195,390	195,390	195,390	2,344,680
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		4,232,245	4,427,635	4,623,025	4,818,415	5,013,805	5,209,195	5,404,585	5,599,975	5,795,365	5,990,755	6,186,145	6,381,535	
4. Depreciation Expense		68,909	72,166	75,422	78,679	81,935	85,192	88,448	91,705	94,961	98,218	101,474	104,731	1,041,840
5. Cumulative Investment	4,036,855	4,232,245	4,427,635	4,623,025	4,818,415	5,013,805	5,209,195	5,404,585	5,599,975	5,795,365	5,990,755	6,186,145	6,381,535	6,381,535
6. Less: Accumulated Depreciation	1,120,958	1,189,867	1,262,033	1,337,455	1,416,134	1,498,069	1,583,261	1,671,709	1,763,414	1,858,375	1,956,593	2,058,067	2,162,798	2,162,798
7. Net Investment	2,915,897	3,042,378	3,165,602	3,285,570	3,402,281	3,515,736	3,625,934	3,732,876	3,836,561	3,936,990	4,034,162	4,128,078	4,218,737	4,218,737
8. Average Investment		2,979,138	3,103,990	3,225,586	3,343,926	3,459,009	3,570,835	3,679,405	3,784,719	3,886,776	3,985,576	4,081,120	4,173,408	
9. Return on Average Investment		17,720	18,463	19,186	19,890	20,574	21,239	21,885	22,512	23,119	23,706	24,275	24,823	257,392
10. Return Requirements		28,970	30,185	31,367	32,518	33,636	34,724	35,780	36,805	37,797	38,757	39,687	40,583	420,809
11. Total Depreciation and Return		97,879	102,351	106,789	111,197	115,571	119,916	124,228	128,510	132,758	136,975	141,161	145,314	1,462,649

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	63,353	335	3,614	0	648,825	135	2,141	0	718,403
3	Projected	0	40,420	1,600	130	0	730,000	200	1,395	0	773,745
4	Total	0	103,773	1,935	3,744	0	1,378,825	335	3,536	0	1,492,148
5	Prime Time										
6	Actual	1,898	163,412	35,919	50,781	0	3,117,160	8,900	21,304	0	3,399,374
7	Projected	657	121,979	6,296	36,250	0	2,274,412	6,104	15,745	0	2,461,443
8	Total	2,555	285,391	42,215	87,031	0	5,391,572	15,004	37,049	0	5,860,817
9	Energy Audits										
10	Actual	0	684,461	35,479	139,950	266,400	0	48,210	34,247	0	1,208,747
11	Projected	0	636,268	9,635	54,890	298,760	0	34,662	43,125	0	1,077,340
12	Total	0	1,320,729	45,114	194,840	565,160	0	82,872	77,372	0	2,286,087
13	Cogeneration										
14	Actual	0	64,948	0	0	0	0	512	1,399	0	66,859
15	Projected	0	52,405	0	0	0	0	513	1,156	0	54,074
16	Total	0	117,353	0	0	0	0	1,025	2,555	0	120,933
17	Commercial Load Management										
18	Actual	0	1,358	8,761	0	0	3,976	0	102	0	14,197
19	Projected	0	315	0	0	0	2,490	0	0	0	2,805
20	Total	0	1,673	8,761	0	0	6,466	0	102	0	17,002
21	Commercial Lighting										
22	Actual	0	33,934	0	0	0	312,644	747	102	0	347,427
23	Projected	0	53,715	0	0	0	178,080	840	0	0	232,635
24	Total	0	87,649	0	0	0	490,724	1,587	102	0	580,062
25	Standby Generator										
26	Actual	0	7,220	13	0	0	1,180,200	598	102	0	1,188,133
27	Projected	0	6,100	10	500	0	800,000	361	0	0	806,971
28	Total	0	13,320	23	500	0	1,980,200	959	102	0	1,995,104
29	Conservation Value										
30	Actual	0	5,013	0	0	0	66,152	0	102	0	71,267
31	Projected	0	8,844	85	0	0	69,000	500	0	0	78,429
32	Total	0	13,857	85	0	0	135,152	500	102	0	149,696
33	Duct Repair										
34	Actual	0	64,681	1,095	820	9,574	527,782	1,340	7,663	0	612,955
35	Projected	0	68,130	0	130	41,665	385,420	600	5,300	0	501,245
36	Total	0	132,811	1,095	950	51,239	913,202	1,940	12,963	0	1,114,200
37	Renewable Energy										
38	Actual	0	13,261	468	238	0	0	2	32,360	(46,329)	0
39	Projected	0	14,270	60,000	0	0	0	420	500	(75,190)	0
40	Total	0	27,531	60,468	238	0	0	422	32,860	(121,519)	0
41	Renewable Energy Systems Initiative										
42	Actual	0	34,516	0	0	0	16,560	0	0	0	51,076
43	Projected	0	50,885	0	137,496	0	1,223,166	3,000	1,000	0	1,415,547
44	Total	0	85,401	0	137,496	0	1,239,726	3,000	1,000	0	1,466,623
45	Industrial Load Management										
46	Actual	0	12,043	0	0	0	10,571,773	0	0	0	10,583,816
47	Projected	0	4,530	0	0	0	8,600,000	960	0	0	8,605,490
48	Total	0	16,573	0	0	0	19,171,773	960	0	0	19,189,306
49	DSM R&D										
50	Actual	0	304	(45,510)	28,360	0	0	0	0	0	(16,846)
51	Projected	0	16,180	0	1,200	0	0	0	0	0	17,380
52	Total	0	16,484	(45,510)	29,560	0	0	0	0	0	534
53	Commercial Cooling										
54	Actual	0	9,719	0	0	0	58,948	69	102	0	68,838
55	Projected	0	9,000	0	0	0	38,725	120	0	0	47,845
56	Total	0	18,719	0	0	0	97,673	189	102	0	116,683
57	Residential New Construction										
58	Actual	0	9,640	0	0	0	566,425	753	708	0	577,526
59	Projected	0	18,557	0	0	0	683,000	490	0	0	702,047
60	Total	0	28,197	0	0	0	1,249,425	1,243	708	0	1,279,573
61	Common Expenses										
62	Actual	0	265,364	894	78,695	0	0	522	20,703	0	366,178
63	Projected	0	423,617	0	310,805	0	0	550	0	0	734,972
64	Total	0	688,981	894	389,500	0	0	1,072	20,703	0	1,101,150
65	Price Responsive Load Management										
66	Actual	472,837	445,467	17,438	157,297	190,944	0	35,383	123,661	0	1,443,027
67	Projected	424,331	467,824	2,525	224,640	0	0	770	71,260	0	1,191,350
68	Total	897,168	913,291	19,963	381,937	190,944	0	36,153	194,921	0	2,634,377
69	Residential Building Envelope Improvement										
70	Actual	0	83,451	643	312	0	866,600	1,724	2,787	0	955,517
71	Projected	0	64,557	685	130	0	1,171,335	1,400	6,340	0	1,244,447
72	Total	0	148,008	1,328	442	0	2,037,935	3,124	9,127	0	2,199,964

TAMPA ELECTRIC COMPANY
Conservation Program Costs Continued

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
73	Residential Electronic Commutated Motors										
74	Actual	0	42	0	36	0	0	0	72	0	150
75	Projected	0	6,655	0	0	0	28,305	0	0	0	34,960
76	Total	0	6,697	0	36	0	28,305	0	72	0	35,110
77	Energy Education Outreach										
78	Actual	0	1,337	13,644	36,876	0	0	0	6,846	0	58,703
79	Projected	0	13,705	10,135	46,085	0	960	480	250	0	71,615
80	Total	0	15,042	23,779	82,961	0	960	480	7,096	0	130,318
81	Residential HVAC Re-Commissioning										
82	Actual	0	168	1,915	36	0	0	70	149	0	2,338
83	Projected	0	26,965	0	0	0	195,835	0	0	0	222,800
84	Total	0	27,133	1,915	36	0	195,835	70	149	0	225,138
85	Neighborhood Weatherization & Agency Outreach										
86	Actual	0	48,154	637	(1,390)	0	11,505	72	191	0	59,169
87	Projected	0	61,065	90,000	69,000	0	0	1,220	0	0	221,285
88	Total	0	109,219	90,637	67,610	0	11,505	1,292	191	0	280,454
89	Commercial Duct Repair										
90	Actual	0	30,142	274	0	0	471,800	1,412	140	0	503,768
91	Projected	0	35,745	0	0	0	750,000	960	85	0	786,790
92	Total	0	65,887	274	0	0	1,221,800	2,372	225	0	1,290,558
93	Commercial Energy Recovery Ventilation										
94	Actual	0	148	0	0	0	0	0	102	0	250
95	Projected	0	680	0	0	0	960	120	85	0	1,845
96	Total	0	828	0	0	0	960	120	187	0	2,095
97	Commercial Building Envelope Improvement										
98	Actual	0	11,625	0	0	0	32,309	79	100	0	44,113
99	Projected	0	12,724	0	0	0	90,050	890	60	0	103,724
100	Total	0	24,349	0	0	0	122,359	969	160	0	147,837
101	Commercial Energy Efficient Motors										
102	Actual	0	2,350	0	0	0	1,251	0	102	0	3,703
103	Projected	0	910	0	0	0	995	125	85	0	2,115
104	Total	0	3,260	0	0	0	2,246	125	187	0	5,818
105	Commercial Demand Response										
106	Actual	0	9,028	0	2,245,354	0	0	214	0	0	2,254,596
107	Projected	0	25,111	0	1,370,400	0	0	0	0	0	1,395,511
108	Total	0	34,139	0	3,615,754	0	0	214	0	0	3,650,107
109	Commercial Chiller Replacement										
110	Actual	0	5,125	0	0	0	8,000	4	203	0	13,332
111	Projected	0	922	0	0	0	19,200	48	170	0	20,340
112	Total	0	6,047	0	0	0	27,200	52	373	0	33,672
113	Commercial Occupancy Sensors (Lighting)										
114	Actual	0	8,063	0	0	0	24,916	122	102	0	33,203
115	Projected	0	3,128	0	0	0	22,000	125	0	0	25,253
116	Total	0	11,191	0	0	0	46,916	247	102	0	58,456
117	Commercial Refrigeration (Anti-Condensate)										
118	Actual	0	346	0	0	0	0	0	102	0	448
119	Projected	0	200	0	0	0	420	50	85	0	755
120	Total	0	546	0	0	0	420	50	187	0	1,203
121	Commercial Water Heating										
122	Actual	0	0	0	0	0	0	0	102	0	102
123	Projected	0	109	0	0	0	336	50	85	0	580
124	Total	0	109	0	0	0	336	50	187	0	682
125	Commercial HVAC Re-commissioning										
126	Actual	0	2,478	747	36	0	0	0	72	0	3,333
127	Projected	0	14,520	1,500	14,400	0	50,000	480	0	0	80,900
128	Total	0	16,998	2,247	14,436	0	50,000	480	72	0	84,233
129	Commercial Electronic Commutated Motors										
130	Actual	0	176	0	36	0	0	0	72	0	284
131	Projected	0	405	0	0	0	4,810	120	0	0	5,335
132	Total	0	581	0	36	0	4,810	120	72	0	5,619
133	Cool Roof										
134	Actual	0	604	0	0	0	28,098	81	102	0	28,885
135	Projected	0	370	0	0	0	1,720	125	85	0	2,300
136	Total	0	974	0	0	0	29,818	206	187	0	31,185
137	Total All Programs	899,723	4,342,741	255,223	5,007,107	807,343	35,836,143	157,232	402,751	(121,519)	47,586,744

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	138	141	15,545	0	0	0	0	0	0	0	2,456	18,280
3. Depreciation Base		18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	0	
4. Depreciation Expense		305	304	301	170	41	41	41	41	41	41	41	20	1,387
5. Cumulative Investment	18,280	18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	0	0
6. Less: Accumulated Depreciation	7,259	17,200	17,366	17,526	2,151	2,192	2,233	2,274	2,315	2,356	2,397	2,438	0	0
7. Net Investment	11,021	1,080	776	475	305	264	223	182	141	100	59	18	0	0
8. Average Investment		6,051	928	626	390	285	244	203	162	121	80	39	9	
9. Return on Average Investment		65	63	61	60	59	59	59	1	1	0	0	0	428
10. Return Requirements		106	103	100	98	96	96	96	2	2	0	0	0	699
11. Total Depreciation and Return		411	407	401	268	137	137	137	43	43	41	41	20	2,086

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.
There is a $9,636 adjustment to Accumulated depreciation in January 2011. In January 1999, an adjustment was made based on the November 1997 adjustment ($578,181 / 60 months = $9,636). The January 1999 adjustment of $9,636 was never booked as depreciation expense.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		17,891	209,735	27,109	66,811	78,805	160,945	42,603	186,086	186,086	186,086	186,086	186,086	1,534,330
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		2,520,417	2,730,152	2,757,261	2,824,072	2,902,877	3,063,822	3,106,425	3,292,511	3,478,597	3,664,683	3,850,769	4,036,855	
4. Depreciation Expense		41,858	43,755	45,728	46,511	47,725	49,722	51,419	53,324	56,426	59,527	62,629	65,730	624,354
5. Cumulative Investment	2,502,526	2,520,417	2,730,152	2,757,261	2,824,072	2,902,877	3,063,822	3,106,425	3,292,511	3,478,597	3,664,683	3,850,769	4,036,855	4,036,855
6. Less: Accumulated Depreciation	496,604	538,462	582,217	627,945	674,456	722,181	771,903	823,322	876,646	933,072	992,599	1,055,228	1,120,958	1,120,958
7. Net Investment	2,005,922	1,981,955	2,147,935	2,129,316	2,149,616	2,180,696	2,291,919	2,283,103	2,415,865	2,545,525	2,672,084	2,795,541	2,915,897	2,915,897
8. Average Investment		1,993,939	2,064,945	2,138,626	2,139,466	2,165,156	2,236,308	2,287,511	2,349,484	2,480,695	2,608,805	2,733,813	2,855,719	
9. Return on Average Investment		11,860	12,282	12,721	12,726	12,878	13,302	13,606	13,975	14,755	15,517	16,261	16,986	166,869
10. Return Requirements		19,390	20,080	20,798	20,806	21,054	21,747	22,244	22,848	24,123	25,369	26,585	27,770	272,814
Total Depreciation and Return		61,248	63,835	66,526	67,317	68,779	71,469	73,663	76,172	80,549	84,896	89,214	93,500	897,168

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

	Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1	Heating and Cooling	116,810	106,972	65,566	55,152	153,267	111,549	109,087	154,749	154,749	154,749	154,749	154,749	1,492,148
2	Prime Time	576,241	562,433	518,963	434,612	433,117	439,996	434,012	461,729	457,017	455,340	551,367	535,990	5,860,817
3	Energy Audits	84,492	165,548	203,575	180,064	116,885	256,646	201,537	247,170	222,972	200,984	202,807	203,407	2,286,087
4	Cogeneration	6,079	10,037	8,522	11,580	9,093	12,904	8,644	11,192	10,923	11,192	10,923	9,844	120,933
5	Commercial Load Mgmt	0	0	8,761	1,124	994	2,222	1,096	893	893	893	63	63	17,002
6	Commercial Lighting	138,081	22,091	4,533	25,980	17,612	57,744	81,386	46,527	46,527	46,527	46,527	46,527	580,062
7	Standby Generator	154,221	158,102	165,548	176,954	176,323	178,214	178,771	161,409	161,372	161,409	161,372	161,409	1,995,104
8	Conservation Value	810	810	709	507	66,861	861	709	16,616	16,616	17,965	13,616	13,616	149,696
9	Duct Repair	107,726	114,446	136,587	51,788	41,723	59,435	101,250	100,249	100,249	100,249	100,249	100,249	1,114,200
10	Renewable Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Renewable Energy Systems Initiative	0	403	289	8,613	9,592	14,027	18,152	238,311	238,309	462,309	238,309	238,309	1,466,623
12	Industrial Load Management	1,759,565	1,481,626	1,377,662	1,383,210	1,569,575	1,577,439	1,434,739	1,801,942	1,800,887	1,700,887	1,700,887	1,600,887	19,189,306
13	DSM R&D	0	(17,750)	101	(26,957)	27,760	0	0	3,476	3,476	3,476	3,476	3,476	534
14	Commercial Cooling	848	14,518	1,599	2,172	1,434	22,971	25,296	9,569	9,569	9,569	9,569	9,569	116,683
15	Residential New Construction	111,979	140,734	49,892	29,695	43,257	136,561	65,408	140,593	140,593	140,438	140,304	140,119	1,279,573
16	Common Expenses	32,456	39,356	73,687	39,642	42,501	79,000	59,536	129,127	158,939	179,082	138,912	128,912	1,101,150
17	Price Responsive Load Mgmt	159,873	188,374	176,389	213,225	200,891	276,516	227,759	190,092	193,591	197,991	203,081	406,595	2,634,377
18	Residential Building Envelope Improvement	100,674	84,301	98,326	83,892	175,720	280,936	151,668	248,938	248,938	248,695	248,938	248,938	2,199,964
19	Residential Electronic Commutated Motors	0	0	0	0	108	0	42	6,992	6,992	6,992	6,992	6,992	35,110
20	Energy Education Outreach	5,590	4,346	8,749	27,328	7,325	10,057	(4,692)	14,323	14,323	14,323	14,323	14,323	130,318
21	Residential HVAC Re-Commissioning	1,168	0	0	0	185	112	873	44,560	44,560	44,560	44,560	44,560	225,138
22	Neighborhood Weatherization & Agency Outreach	7,182	12,193	4,536	8,675	8,458	10,655	7,470	34,624	45,624	49,789	45,624	45,624	280,454
23	Commercial Duct Repair	41,784	118,009	39,113	39,877	77,866	74,787	112,312	157,358	157,358	157,358	157,358	157,358	1,290,558
24	Commercial Energy Recovery Ventilation	0	0	0	102	94	54	0	369	369	369	369	369	2,095
25	Commercial Building Envelope Improvement	10,799	8,965	1,272	1,781	759	2,362	20,175	20,750	20,750	20,750	20,737	20,737	147,837
26	Commercial Energy Efficient Motors	0	354	505	102	1,496	430	816	423	423	423	423	423	5,818
27	Commercial Demand Response	923	566,462	561,370	1,422	560,814	282,420	281,185	281,553	294,061	286,472	269,172	264,253	3,850,107
28	Commercial Chiller Replacement	658	751	985	9,366	354	835	383	9,939	9,939	154	154	154	33,672
29	Commercial Occupancy Sensors (Lighting)	10,367	852	1,172	5,035	7,230	5,304	3,243	5,045	5,048	5,050	5,054	5,056	58,456
30	Commercial Refrigeration (Anti-Condensate)	0	152	0	144	0	152	0	151	151	151	151	151	1,203
31	Commercial Water Heating	0	0	0	102	0	0	0	100	84	148	84	164	682
32	Commercial HVAC Re-Commissioning	0	0	0	0	108	1,850	1,375	15,880	17,380	15,880	15,880	15,880	84,233
33	Commercial Electronic Commutated Motors	0	0	0	0	108	0	176	1,067	1,067	1,067	1,067	1,067	5,619
34	Cool Roof	0	0	0	102	15,266	6,060	7,457	460	460	460	460	460	31,185
35	Total	3,428,326	3,762,085	3,508,411	2,765,289	3,766,796	3,902,099	3,529,665	4,556,176	4,584,209	4,695,701	4,507,557	4,580,230	47,566,744
36	Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Recoverable Conservation Expenses	3,428,326	3,762,085	3,508,411	2,765,289	3,766,796	3,902,099	3,529,665	4,556,176	4,584,209	4,695,701	4,507,557	4,580,230	47,566,744

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	3,962,609	3,335,106	3,046,427	3,283,179	3,823,339	4,230,567	4,314,101	5,326,998	5,351,089	4,863,657	4,224,678	4,166,910	49,928,658
3. Total Revenues	3,962,609	3,335,106	3,046,427	3,283,179	3,823,339	4,230,567	4,314,101	5,326,998	5,351,089	4,863,657	4,224,678	4,166,910	49,928,658
4. Prior Period True-up	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,811)	(87,805)	(1,053,726)
5. Conservation Revenue Applicable to Period	3,874,798	3,247,295	2,958,616	3,195,368	3,735,528	4,142,756	4,226,290	5,239,187	5,263,278	4,775,846	4,136,867	4,079,105	48,874,932
6. Conservation Expenses (C-3,Page 4, Line 14)	3,428,326	3,762,085	3,508,411	2,765,289	3,766,796	3,902,099	3,529,865	4,556,176	4,584,209	4,695,701	4,507,557	4,580,230	47,586,744
7. True-up This Period (Line 5 - Line 6)	446,472	(514,790)	(549,795)	430,079	(31,268)	240,657	696,425	683,011	679,069	80,145	(370,690)	(501,125)	1,288,188
8. Interest Provision This Period (C-3, Page 6, Line 10)	(165)	(154)	(224)	(184)	(129)	(87)	(14)	113	329	399	350	284	518
9. True-up & Interest Provision Beginning of Period	(1,053,726)	(519,608)	(946,741)	(1,408,949)	(891,243)	(834,829)	(506,448)	277,774	1,048,709	1,815,918	1,984,273	1,701,744	(1,053,726)
10. Prior Period True-up Collected/(Refunded)	87,811	87,811	87,811	87,811	87,811	87,811	87,811	87,811	87,811	87,811	87,811	87,805	1,053,726
11. End of Period Total - Over/(Under) Recovered	(519,608)	(946,741)	(1,408,949)	(891,243)	(834,829)	(506,448)	277,774	1,048,709	1,815,918	1,984,273	1,701,744	1,288,708	1,288,708
Previous EOP Change								(770,935)	(767,209)	(168,355)	282,529	413,036	

* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	34,320,237	0.76	979,418
Energy	10,543,289	0.24	309,290
Total	44,863,526	1.00	1,288,708

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	($1,053,726)	($519,608)	($946,741)	($1,408,949)	($891,243)	($834,829)	($506,448)	$277,774	$1,048,709	$1,815,918	$1,984,273	$1,701,744	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	(519,443)	(946,587)	(1,408,725)	(891,059)	(834,700)	(506,361)	277,788	1,048,596	1,815,589	1,983,874	1,701,394	1,288,424	
3. Total Beginning & Ending True-up	($1,573,169)	($1,466,195)	($2,355,466)	($2,300,008)	($1,725,943)	($1,341,190)	($228,660)	$1,326,370	$2,864,298	$3,799,792	$3,685,667	$2,990,168	
4. Average True-up Amount (50% of Line 3)	($786,585)	($733,098)	($1,177,733)	($1,150,004)	($862,972)	($670,595)	($114,330)	$663,185	$1,432,149	$1,899,896	$1,842,834	$1,495,084	
5. Interest Rate - First Day of Month	0.250%	0.250%	0.250%	0.200%	0.190%	0.160%	0.160%	0.120%	0.280%	0.280%	0.230%	0.230%	
6. Interest Rate - First Day of Next Month	0.250%	0.250%	0.200%	0.190%	0.160%	0.160%	0.120%	0.28%	0.28%	0.23%	0.23%	0.23%	
7. Total (Line 5 + Line 6)	0.500%	0.500%	0.450%	0.390%	0.350%	0.320%	0.280%	0.400%	0.560%	0.510%	0.460%	0.460%	
8. Average Interest Rate (50% of Line 7)	0.250%	0.250%	0.225%	0.195%	0.175%	0.160%	0.140%	0.200%	0.280%	0.255%	0.230%	0.230%	
9. Monthly Average Interest Rate (Line 8/12)	0.021%	0.021%	0.019%	0.016%	0.015%	0.013%	0.012%	0.017%	0.023%	0.021%	0.019%	0.019%	
10. Interest Provision (Line 4 x Line 9)	($165)	($154)	($224)	($184)	($129)	($87)	($14)	$113	$329	$399	$350	$284	$518

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2011 through July 2011
Projected for Months August 2011 through December 2011

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,620,281	-	3,962,609
February	1,352,096	-	3,335,106
March	1,248,597	-	3,046,427
April	1,351,531	-	3,283,179
May	1,586,919	-	3,823,339
June	1,743,852	-	4,230,567
July	1,792,948	-	4,314,099
August	1,842,521	-	5,326,998
September	1,877,688	-	5,351,089
October	1,679,981	-	4,863,657
November	1,441,390	-	4,224,678
December	1,426,667	-	4,166,910
Total	18,964,471	0	49,928,658

PROGRAM DESCRIPTION AND PROGRESS

Program Title: HEATING AND COOLING

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

Program Projections: January 1, 2011 to December 31, 2011

There are 6,155 units projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are 7,000 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures estimated for the period are $1,492,148.

January 1, 2012 to December 31, 2012

Expenditures estimated for the period are $2,187,260.

Program Progress Summary: Through December 31, 2010, there were 173,372 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills.

Program Projections: January 1, 2011 to December 31, 2011

There are 41,346 projected customers for this program on a cumulative basis.

January 1, 2012 to December 31, 2012

There are 38,766 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Estimated expenditures are $5,860,817.

January 1, 2012 to December 31, 2012

Estimated expenditures are $5,435,501.

Program Progress Summary: There were 45,429 cumulative customers participating through December 31, 2010.

Breakdown is as follows:

Water Heating	41,391
Air Conditioning	30,808
Heating	32,154
Pool Pump	9,468

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY AUDITS

Program Description: These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

Program Projections: January 1, 2011 to December 31, 2011

Residential – 10,706 (RCS - 0; Free -9,000; On-line – 1,700, Phone-in 6)

Comm/Ind – 600 (Paid - 0; Free – 600)

January 1, 2012 to December 31, 2012

Residential – 11,326 (RCS - 0; Free – 9,500; On-line – 1,800, Phone-in 20)

Comm/Ind – 1,301 (Paid - 1 Free – 1,300)

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are expected to be $2,286,087.

January 1, 2012 to December 31, 2012

Expenditures are expected to be $3,347,337.

Program Progress Summary: Through December 31, 2010 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	265,505
Residential Cust. Assisited [1]	116,682
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	19,819
Commercial Mail-in	1,477

[1] Includes Mail-in and On-line audits. Mail-in audit program phased out on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

Program Projections: January 1, 2011 to December 31, 2011

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with customers to evaluate the economics of additional capacity in future years. However, there are no plans for adding capacity in 2011.

January 1, 2012 to December 31, 2012

The development and publication of the 20-Year Cogeneration Forecast will occur.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $120,933.

January 1, 2012 to December 31, 2012

Expenditures are estimated to be $79,446.

Program Progress Summary: The projected total maximum generation by electrically interconnected cogeneration during 2012 will be approximately 606 MW. This includes generation that is connected, but wheeled outside of Tampa Electric's service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

Program Projections: January 1, 2011 to December 31, 2011

There are no new installations expected.

January 1, 2012 to December 31, 2012

One installation is expected.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenses of $17,002 are estimated.

January 1, 2012 to December 31, 2012

Expenses of $11,338 are estimated.

Program Progress Summary: Through December 31, 2010 there were seven commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Projections: January 1, 2011 to December 31, 2011

During this period, 109 customers are expected to participate.

January 1, 2012 to December 31, 2012

During this period, 199 customers are expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures estimated for the period are $580,062.

January 1, 2012 to December 31, 2012

Expenditures estimated for this period are $523,914.

Program Progress Summary: Through December 31, 2010, there were 1,411 customers that participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

Program Projections: January 1, 2011 to December 31, 2011

Two installations are expected.

January 1, 2012 to December 31, 2012

Two installations are expected.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures estimated for the period are $1,995,104.

January 1, 2012 to December 31, 2012

Expenditures estimated for the period are $2,270,045.

Program Progress Summary: Through December 31, 2010, there are 91 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Projections: January 1, 2011 to December 31, 2011

Four customers are expected to participate during this period.

January 1, 2012 to December 31, 2012

Three customers are expected to participate during this period.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Estimated expenses are $149,696.

January 1, 2012 to December 31, 2012

Estimated expenses are $153,196.

Program Progress Summary: Through December 31, 2010, there were 36 customers that earned incentive dollars. Tampa Electric continues to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DUCT REPAIR

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

Program Projections: January 1, 2011 to December 31, 2011

There are 6,096 repairs projected to be made.

January 1, 2012 to December 31, 2012

There are 7,000 repairs projected to be made.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures estimated for the period are $1,114,200.

January 1, 2012 to December 31, 2012

Expenditures estimated for the period are $1,452,972.

Program Progress Summary: Through December 31, 2010, there are 86,133 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY PROGRAM

Program Description: This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

Program Projections: January 1, 2011 to December 31, 2011

There are 2,460 customers with 3,488 subscribed blocks estimated for this period on a cumulative basis.

There are 800 blocks estimated to be purchased for this period on a one time basis.

January 1, 2012 to December 31, 2012

There are 2,500 customers with 3,800 subscribed blocks estimated for this period on a cumulative basis.

There are 1,000 blocks estimated to be purchased for this period on a one time basis.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

For the period, the company anticipates excess revenues of approximately $87,261 to be used for new renewable generation.

January 1, 2012 to December 31, 2012

For the period, revenues and expenses are projected to be the same.

Program Progress Summary: Through December 31, 2010, there were 2,581 customers with 3,620 blocks subscribed. In addition, there were 1,842 blocks of renewable energy purchased on a one time basis.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT

Program Description: This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

Program Projections: January 1, 2011 to December 31, 2011

No new customers are expected to participate.

January 1, 2012 to December 31, 2012

No new customers are expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures estimated for the period are $19,189,306.

January 1, 2012 to December 31, 2012

Expenditures estimated for the period are $19,819,874.

Program Progress Summary: Through December 31, 2010, there are 56 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures:

January 1, 2011 to December 31, 2011

Expenditures are estimated at $534.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $43,800.

Program Progress Summary: Tampa Electric completed its pilot program to evaluate the feasibility of a commercial price responsive load management rate. The project was approved by the Commission is Docket No. 090228-EG, Order No. PSC-09-0501-TRF-EG, issued July 15, 2009.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion and Package Terminal Air Conditioning commercial air conditioning equipment.

Program Projections: January 1, 2011 to December 31, 2011

There are 164 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 175 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated at $116,683.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $130,776.

Program Progress Summary: Through December 31, 2010, there were 1,230 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL NEW CONSTRUCTION

Program Description: This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

Program Projections: January 1, 2011 to December 31, 2011

There are 2,140 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 2,500 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated at $1,279,573.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $1,766,087.

Program Progress Summary: Through December 31, 2010, a total of 1,151 approved homes have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures:

January 1, 2011 to December 31, 2011

Expenditures are estimated to be $1,101,150.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $1,151,213.

Program Progress Summary: N/A

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRICE RESPONSIVE LOAD MANAGEMENT

Program Description: A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

Program Projections: January 1, 2011 to December 31, 2011

There are 1,775 projected customers for this program on a cumulative basis.

January 1, 2012 to December 31, 2012

There are 3,225 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated at $2,634,377.

January 1, 2012to December 31, 2012

Expenditures are estimated at $3,572,660

Program Progress Summary: Through December 31, 2010, there were 1,348 participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

Program Projections: January 1, 2011 to December 31, 2011

Ceiling Insulation – 4,489
Wall Insulation - 8
Window Upgrades – 2,944
Window Film - 601

January 1, 2012 to December 31, 2012

Ceiling Insulation – 5,300
Wall Insulation - 24
Window Upgrades – 2,800
Window Film - 850

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $2,199,964.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $3,076,391.

Program Progress Summary: Through December 31, 2010, there were 89,236 customers that participated in the company's residential building envelope improvement program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY EDUCATION OUTREACH

Program Description: The Energy Education Outreach Program is comprised of two distinct initiatives: 1) public education, and 2) energy awareness. The program is designed to establish opportunities for engaging groups of customers and students, in energy-efficiency related discussions in an organized setting.

Participants will be provided with energy saving devices and supporting information appropriate for the audience.

Program Projections: January 1, 2011 to December 31, 2011.

There are 375 customers expected to participate in energy awareness and 9,077 teachers and students in public education presentations.

January 1, 2012 to December 31, 2012

There are 750 customers expected to participate in energy awareness and 8,100 teachers and students in public education presentations.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $130,318.

January 1, 2012 to December 31, 2012

Expenditures are estimated to be $196,468.

Program Progress Summary: Through 2010, Tampa Electric has partnered with 24 local schools to present the pilot program to 32,887 students in 1,430 classes.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: NEIGHBORHOOD WEATHERIZATION AND AGENCY OUTREACH

Program Description: This program is designed to assist low-income families in reducing their energy usage. The goal of the program is to establish a package of conservation measures at no cost for the customer. In addition to providing and/or installing the necessary materials for the various conservation measures, a key component will be educating families on energy conservation techniques to promote behavioral changes to help customers control their energy usage.

Program Projections: January 1, 2011 to December 31, 2011

There are 625 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 1,250 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $280,454.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $501,107.

Program Progress Summary: Through December 31, 2010, a total of 376 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

Program Projections: January 1, 2011 to December 31, 2011

There are 3,400 repairs expected to be made.

January 1, 2012 to December 31, 2012

There are 5,000 repairs projected to be made.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $1,290,558.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $1,544,398.

Program Progress Summary: Through December 31, 2010, a total of 6,731 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

Program Projections: January 1, 2011 to December 31, 2011

Ceiling Insulation – 5
Wall Insulation - 1
Window Film – 15
Roof Insulation - 0

January 1, 2012 to December 31, 2012

Ceiling Insulation - 5
Wall Insulation - 1
Window Film – 20
Roof Insulation - 5

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $147,837.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $164,751.

Program Progress Summary: Through December 31, 2010, a total of 50 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY EFFICIENT MOTORS

Program Description: This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

Program Projections: January 1, 2011 to December 31, 2011

There are 64 motors projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are 50 motors projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $5,818.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $5,448.

Program Progress Summary: Through December 31, 2010, a total of 56 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DEMAND RESPONSE

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

Program Projections: January 1, 2011 to December 31, 2011

There are 35 MW of demand response available for control.

January 1, 2012 to December 31, 2012

There are 36 MW of demand response projected to be available for control.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $3,650,107.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $3,189,884.

Program Progress Summary: Tampa Electric is currently subscribed for 35 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER REPLACEMENT

Program Description: This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

Program Projections: January 1, 2011 to December 31, 2011

There are three units projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are 12 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $33,672.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $63,588.

Program Progress Summary: Through December 31, 2010, a total of 24 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

Program Description: This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

Program Projections: January 1, 2011 to December 31, 2011

There are 24 units projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are 30 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $58,456.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $58,416.

Program Progress Summary: Through December 31, 2010, a total of 68 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

Program Description: This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

Program Projections: January 1, 2011 to December 31, 2011

There is one unit projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are two units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $1,203.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $2,400.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2011 to December 31, 2011

There is one unit projected to be installed and approved.

January 1, 2012 to December 31, 2012

There are two units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $682.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $2,076.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. The program is designed to help residential customers improve the overall efficiency of their existing equipment by replacing the existing motor in the air-handler with an Electronically Commutated Motor.

Program Projections: January 1, 2011 to December 31, 2011

There are 222 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 700 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $35,110.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $142,332.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to help residential customers ensure air conditioning and heating equipment is operating at optimal efficiency through maintenance and equipment tune-up. This will in turn help participating customers reduce demand and energy usage and help to promote good long-term maintenance habits.

Program Projections: January 1, 2011 to December 31, 2011

There are 2,500 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 5,000 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $225,138.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $621,600.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to help commercial/industrial customers ensure HVAC equipment is operating at optimal efficiency by incenting maintenance and tune-up of equipment. This will in turn help commercial/industrial customers reduce demand and energy usage.

Program Projections: January 1, 2011 to December 31, 2011

There are 206 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 576 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $84,233.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $153,484.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to encourage commercial/industrial customers to install electronically commutative motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing the growth of peak demand and energy by encouraging customers to replace worn out, inefficient equipment with high efficiency equipment that exceeds minimum product manufacturing standards.

Program Projections: January 1, 2011 to December 31, 2011

There are 38 customers expected to participate.

January 1, 2012 to December 31, 2012

There are 120 customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $5,619.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $25,124.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: This is a conservation program designed to encourage commercial/industrial customers to install a cool roof system above conditioned spaces. This measure is intended to reduce heat transfer through reflectance which, in turn, reduces HVAC load and improves comfort.

Program Projections: January 1, 2011 to December 31, 2011

There are four customers expected to participate.

January 1, 2012 to December 31, 2012

There are eight customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $31,185.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $21,612.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY RECOVERY VENTILATION

Program Description: This is a conservation program designed to help commercial/industrial customers reduce humidity and HVAC loads in buildings. This measure is intended to reduce demand and energy while improving comfort of commercial buildings.

Program Projections: January 1, 2011 to December 31, 2011

There is one customer expected to participate.

January 1, 2012 to December 31, 2012

There are four customers expected to participate.

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $2,095.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $4,320.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY SYSTEMS INITIATIVE

Program Description: This initiative is a five-year renewable energy pilot program that uses rebates and incentives to encourage the following: 1) the installation of solar photovoltaic ("PV") and solar water heating ("SWH") technologies on existing and new residential and commercial premises; 2) the installation of PV on emergency shelter schools coupled with an educational component for teachers and students; and 3) the installation of SWH on low income housing done in partnership with local non-profit building organizations.

Program Projections: January 1, 2011 to December 31, 2011

PV Systems - 76
Residential SWH - 143
School PV- 1
Low-Income SWH - 5

January 1, 2012 to December 31, 2012

PV Systems - 76
Residential SWH - 143
School PV- 1
Low-Income SWH - 5

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011

Expenditures are estimated to be $1,466,623.

January 1, 2012 to December 31, 2012

Expenditures are estimated at $1,531,018.

Program Progress Summary: Through December 31, 2010, no customers have participated in this program.

INPUT DATA - PART 1
PROGRAM TITLE: GSLM2&3

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PAGE 1 OF 1
RUN DATE: August 12, 2011

PROGRAM DEMAND SAVINGS & LINE LOSSES

I.	(1) CUSTOMER KW REDUCTION AT THE METER	2,089.00	KW /CUST
I.	(2) GENERATOR KW REDUCTION PER CUSTOMER	2,167.20	KW GEN/CUST
I.	(3) KW LINE LOSS PERCENTAGE	6.5	%
I.	(4) GENERATION KWH REDUCTION PER CUSTOMER	511,071.13	KWH/CUST/YR
I.	(5) KWH LINE LOSS PERCENTAGE	5.8	%
I.	(6) GROUP LINE LOSS MULTIPLIER	1	
I.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0	KWH/CUST/YR
I.	(8)* CUSTOMER KWH REDUCTION AT METER	481,429	KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

II.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25	YEARS
II.	(2) GENERATOR ECONOMIC LIFE	25	YEARS
II.	(3) T & D ECONOMIC LIFE	25	YEARS
II.	(4) K FACTOR FOR GENERATION	1.5964	
II.	(5) K FACTOR FOR T & D	1.5964	
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0	

UTILITY & CUSTOMER COSTS

III.	(1) UTILITY NONRECURRING COST PER CUSTOMER	111,819.00	$/CUST
III.	(2) UTILITY RECURRING COST PER CUSTOMER	1,462.00	$/CUST/YR
III.	(3) UTILITY COST ESCALATION RATE	2.2	%
III.	(4) CUSTOMER EQUIPMENT COST	0.00	$/CUST
III.	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5	%
III.	(6) CUSTOMER O & M COST	0	$/CUST/YR
III.	(7) CUSTOMER O & M ESCALATION RATE	2.5	%
III.	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0	$/CUST
III.	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0	%
III.	(10)* INCREASED SUPPLY COSTS	0	$/CUST/YR
III.	(11)* SUPPLY COSTS ESCALATION RATE	0	%
III.	(12)* UTILITY DISCOUNT RATE	0.0802	
III.	(13)* UTILITY AFUDC RATE	0.0816	
III.	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00	$/CUST
III.	(15)* UTILITY RECURRING REBATE/INCENTIVE	236,275.00	$/CUST/YR
III.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0	%

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV.	(1) BASE YEAR	2012	
IV.	(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
IV.	(3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
IV.	(4) BASE YEAR AVOIDED GENERATING UNIT COST	665.96	$/KW
IV.	(5) BASE YEAR AVOIDED TRANSMISSION COST	0	$/KW
IV.	(6) BASE YEAR DISTRIBUTION COST	0	$/KW
IV.	(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.2	%
IV.	(8) GENERATOR FIXED O & M COST	20.73	$/KW/YR
IV.	(9) GENERATOR FIXED O&M ESCALATION RATE	2.2	%
IV.	(10) TRANSMISSION FIXED O & M COST	0	$/KW/YR
IV.	(11) DISTRIBUTION FIXED O & M COST	0	$/KW/YR
IV.	(12) T&D FIXED O&M ESCALATION RATE	2.2	%
IV.	(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.387	CENTS/KWH
IV.	(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.2	%
IV.	(15) GENERATOR CAPACITY FACTOR	2.7	%
IV.	(16) AVOIDED GENERATING UNIT FUEL COST	6.35	CENTS/KWH
IV.	(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	4.20	%
IV.	(18)* AVOIDED PURCHASE CAPACITY COST PER KW	0	$/KW/YR
IV.	(19)* CAPACITY COST ESCALATION RATE	0	%

NON-FUEL ENERGY AND DEMAND CHARGES

V.	(1) NON-FUEL COST IN CUSTOMER BILL	1.754	CENTS/KWH
V.	(2) NON-FUEL ESCALATION RATE	1	%
V.	(3) CUSTOMER DEMAND CHARGE PER KW	10.610	$/KW/MO
V.	(4) DEMAND CHARGE ESCALATION RATE	1	%
V.	(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	0	

CALCULATED BENEFITS AND COSTS	
(1)* TRC TEST - BENEFIT/COST RATIO	**47.29**
(2)* PARTICIPANT NET BENEFITS (NPV)	**5,746**
(3)* RIM TEST - BENEFIT/COST RATIO	**1.2000**

DOCKET NO. 110002-EG
ECCR 2012 PROJECTION
CALCULATION OF GSLM CCV
EXHIBIT HTB-2, PAGE 1 OF 5

TOTAL RESOURCE COST TESTS
PROGRAM: GSLM2&3

PSC FORM CE 2.3
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August 12, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T & D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2012	0	113	0	0	113	0	0	11	0	11	(101)	(101)
2013	0	2	0	0	2	694	0	36	0	730	728	572
2014	0	3	0	0	3	676	0	49	0	725	722	1,192
2015	0	3	0	0	3	656	0	50	0	705	702	1,749
2016	0	3	0	0	3	637	0	55	32	723	720	2,278
2017	0	3	0	0	3	620	0	59	34	712	709	2,760
2018	0	3	0	0	3	604	0	61	35	701	698	3,199
2019	0	3	0	0	3	590	0	61	37	688	684	3,598
2020	0	3	0	0	3	577	0	58	39	674	670	3,959
2021	0	4	0	0	4	564	0	59	41	664	660	4,289
2022	0	4	0	0	4	551	0	62	43	655	652	4,590
2023	0	4	0	0	4	537	0	61	45	643	639	4,864
2024	0	4	0	0	4	523	0	66	47	636	632	5,115
2025	0	4	0	0	4	510	0	67	50	627	623	5,343
2026	0	4	0	0	4	497	0	68	52	617	613	5,551
2027	0	4	0	0	4	485	0	69	55	608	604	5,741
2028	0	4	0	0	4	474	0	72	57	603	599	5,915
2029	0	4	0	0	4	469	0	72	60	600	596	6,076
2030	0	4	0	0	4	466	0	75	63	604	600	6,226
2031	0	4	0	0	4	463	0	76	66	605	601	6,364
2032	0	5	0	0	5	460	0	78	70	608	604	6,493
2033	0	5	0	0	5	458	0	80	73	611	606	6,613
2034	0	5	0	0	5	457	0	80	77	613	608	6,725
2035	0	5	0	0	5	455	0	83	81	618	613	6,829
2036	0	5	0	0	5	454	0	83	85	622	617	6,926
NOMINAL	0	205	0	0	205	12,875	0	1,590	1,141	15,606	15,401	
NPV:	0	150	0	0	150	6,056	0	643	376	7,075	6,926	
Discount Rate		0.0802	Benefit/Cost Ratio - [col (11)/col (6)]:				47.29					

60

DOCKET NO. 110002-EG
ECCR 2012 PROJECTION
CALCULATION OF GSLM CCV
EXHIBIT HTB-2, PAGE 2 OF 5

PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM2&3

PSC FORM CE 2.4
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August 12, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O & M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2012	15	0	118	0	133	0	0	0	0	133	133
2013	45	0	354	0	399	0	0	0	0	399	503
2014	62	0	473	0	535	0	0	0	0	535	961
2015	64	0	473	0	537	0	0	0	0	537	1,387
2016	66	0	473	0	539	0	0	0	0	539	1,782
2017	68	0	473	0	540	0	0	0	0	540	2,150
2018	69	0	473	0	542	0	0	0	0	542	2,491
2019	71	0	473	0	544	0	0	0	0	544	2,808
2020	72	0	473	0	544	0	0	0	0	544	3,101
2021	72	0	473	0	544	0	0	0	0	544	3,373
2022	73	0	473	0	546	0	0	0	0	546	3,625
2023	75	0	473	0	547	0	0	0	0	547	3,860
2024	77	0	473	0	549	0	0	0	0	549	4,077
2025	78	0	473	0	551	0	0	0	0	551	4,279
2026	80	0	473	0	553	0	0	0	0	553	4,467
2027	82	0	473	0	554	0	0	0	0	554	4,641
2028	84	0	473	0	556	0	0	0	0	556	4,803
2029	86	0	473	0	558	0	0	0	0	558	4,954
2030	88	0	473	0	560	0	0	0	0	560	5,094
2031	89	0	473	0	562	0	0	0	0	562	5,223
2032	92	0	473	0	564	0	0	0	0	564	5,344
2033	94	0	473	0	566	0	0	0	0	566	5,456
2034	95	0	473	0	568	0	0	0	0	568	5,560
2035	97	0	473	0	570	0	0	0	0	570	5,657
2036	99	0	473	0	572	0	0	0	0	572	5,746
NOMINAL	1,894	0	11,341	0	13,235	0	0	0	0	13,235	
NPV:	771	0	4,976	0	5,746	0	0	0	0	5,746	

In service year of gen unit: 2013

RATE IMPACT TEST
PROGRAM: GSLM2&3

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August 12, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT UNIT & FUEL BENEFITS $(000)	AVOIDED T & D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS TO ALL CUSTOMERS $(000)	CUMULATIVE DISCOUNTED NET BENEFIT $(000)
2012	0	113	118	15	0	245	11	0	0	0	11	(234)	(234)
2013	0	2	354	45	0	402	730	0	0	0	730	328	70
2014	0	3	473	62	0	538	725	0	0	0	725	188	231
2015	0	3	473	64	0	540	705	0	0	0	705	165	362
2016	0	3	473	66	0	542	692	0	0	32	723	182	495
2017	0	3	473	68	0	544	678	0	0	34	712	168	610
2018	0	3	473	69	0	545	666	0	0	35	701	156	708
2019	0	3	473	71	0	547	651	0	0	37	688	141	790
2020	0	3	473	72	0	548	635	0	0	39	674	126	858
2021	0	4	473	72	0	548	623	0	0	41	664	116	916
2022	0	4	473	73	0	549	613	0	0	43	655	106	965
2023	0	4	473	75	0	551	598	0	0	45	643	92	1004
2024	0	4	473	77	0	553	589	0	0	47	636	83	1037
2025	0	4	473	78	0	555	577	0	0	50	627	72	1064
2026	0	4	473	80	0	557	565	0	0	52	617	60	1084
2027	0	4	473	82	0	559	553	0	0	55	608	49	1100
2028	0	4	473	84	0	561	546	0	0	57	603	43	1112
2029	0	4	473	86	0	563	540	0	0	60	600	38	1122
2030	0	4	473	88	0	565	541	0	0	63	604	39	1132
2031	0	4	473	89	0	566	539	0	0	66	605	39	1141
2032	0	5	473	92	0	569	538	0	0	70	608	39	1150
2033	0	5	473	94	0	571	538	0	0	73	611	40	1157
2034	0	5	473	95	0	573	536	0	0	77	613	40	1165
2035	0	5	473	97	0	575	538	0	0	81	618	44	1172
2036	0	5	473	99	0	577	537	0	0	85	622	45	1179
NOMINAL	0	205	11,341	1,894	0	13,440	14,465	0	0	1141	15,606	2,166	
NPV:	0	150	4,976	771	0	5,896	6,699	0	0	376	7,075	1,179	

Discount rate: 0.0802

Benefit/Cost Ratio - [col (12)/col (7)]: 1.20

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2012 GSLM Incentive Calculation

		Cap Fact 4.2
		Rim 1.20
		$ PER KW
		$9.8155800
Month	KW Red	Incentive
Jan	2,089	20,508
Feb	2,089	20,508
Mar	2,089	20,508
Apr	1,946	19,105
May	1,946	19,105
Jun	1,946	19,105
Jul	1,946	19,105
Aug	1,946	19,105
Sep	1,946	19,105
Oct	1,946	19,105
Nov	2,089	20,508
Dec	2,089	20,508
Total		**236,275**
2012 $/kW Filing		**$9.82**

RESIDENTIAL SERVICE
2012 VARIABLE PRICING (RSVP-1) RATES
CENTS PER KWH

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	4.845	4.190	0.278	0.460	31.376	36.304	41.149
P3	4.845	4.190	0.278	0.460	5.591	10.519	15.364
P2	4.845	4.190	0.278	0.460	(0.746)	4.182	9.027
P1	4.845	4.190	0.278	0.460	(1.088)	3.84	8.685

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