AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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May 2, 2013

HAND DELIVERED

Ms. Ann Cole, Director Division of Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 RECEIVED - FPSC 13 MAY - 2 PM 2: 53 COMMISSION

Re: Conservation Cost Recovery Clause <u>FPSC Docket No. 130002-EG</u>

Dear Ms. Cole:

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Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of Howard T. Bryant's Exhibit HTB-1, entitled Schedules Supporting Conservation Cost Recovery Factor, Actual, for the period January 2012 – December 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,

obset by

James D. Beasley

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DOCUMENT NUMBER DATE 02456 MAY-2 º FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules Supporting Conservation Cost Recovery Factor, filed on behalf of Tampa Electric Company, has been furnished by U. S. Mail or hand delivery (*) on this <u>2</u> day of May 2013 to the following:

Ms. Theresa Tan* Senior Attorney Florida Public Service Commission Room 390Q – Gerald L. Gunter Building 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Ms. Patricia A. Christensen Associate Public Counsel Office of Public Counsel 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400

Mr. Jeffrey A. Stone Mr. Russell A. Badders Mr. Steven R. Griffin Beggs & Lane Post Office Box 12950 Pensacola, FL 32591-2950

Mr. Kenneth M. Rubin Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420

Mr. John T. Burnett Ms. Dianne M. Triplett Duke Energy Florida, Inc. Post Office Box 14042 St. Petersburg, FL 33733

Mr. Robert L. McGee, Jr. Regulatory and Pricing Manager Gulf Power Company One Energy Place Pensacola, FL 32520-0780

Mr. Jon C Moyle Keefe Anchors Gordon & Moyle, PA 118 N. Gadsden Street Tallahassee, FL 32301 Ms. Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 618 Tallahassee, FL 32301-1839

Mr. Kenneth Hoffman Florida Power & Light Company 215 South Monroe Street, Suite 810 Tallahassee, FL 32301-1858

Mr. Paul Lewis Duke Energy Florida, Inc. 106 East College Avenue, Suite 800 Tallahassee, FL 32301

Ms. Cheryl Martin Ms. Aleida Socarras Florida Public Utilities Company P. O. Box 3395 West Palm Beach, FL 33402-3395

Mr. James W. Brew Mr. F. Alvin Taylor Brickfield, Burchette, Ritts & Stone, P.C. 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, D.C. 20007-5201

George Carvos, Esq. 120 E. Oakland Park Blvd, Ste. 105 Fort Lauderdale, FL 33334

Ben L

ATTORNEY

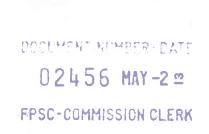
DOCKET NO. 130002-EG FINAL ECCR TRUE-UP **EXHIBIT HTB-1** FILED: MAY 2, 2013

TAMPA ELECTRIC COMPANY

SCHEDULES SUPPORTING CONSERVATION

COST RECOVERY FACTOR

ACTUAL JANUARY 2012 - DECEMBER 2012



CONSERVATION COST RECOVERY

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INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	2
CT-2	Program Costs - Actual vs. Projected	3
CT-3	Summary of Expenses and Calculation of True-up and Interest Provision	8
CT-4	Schedule of Capital Investments, Depreciation and Return	11
CT-5	Reconciliation and Explanation of Difference between Filing and FPSC Audit	12
CT-6	Program Description & Progress	13

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-1, PAGE 1 OF 1

CT-1 Page 1 of 1

TAMPA ELECTRIC COMPANY Energy Conservation Adjusted Net True-up For Months January 2012 through December 2012

End of Period True-up

	Principal	\$3,441,919	
	Interest	\$2,326	
	Total		\$3,444,245
Less: Projected True	e-up		
(Last Projected Cons	ervation Hearing)		
	Principal	\$2,252,514	
	Interest	\$3,984	
	Total		\$2,256,498
Adjusted Not True un			¢4 407 747
Adjusted Net True-up		\$1,187,747	

CT-2 Page 1 of 5

TAMPA ELECTRIC COMPANY Analysis of Energy Conservation Program Costs Actual vs. Projected For Months January 2012 through December 2012

Description		Actual	Projected	Difference
1 Capital Investment		\$1,114,076	1,123,216	(\$9,140)
2 Payroll		\$3,860,355	4,271,766	(\$411,411)
3 Materials and Supplie	es	\$154,970	212,284	(\$57,314)
4 Outside Services		\$5,115,597	5,211,680	(\$96,083)
5 Advertising		\$609,636	681,521	(\$71,885)
6 Incentives		\$35,266,520	37,194,220	(\$1,927,700)
7 Vehicles		\$197,431	218,074	(\$20,643)
8 Other		\$475,984	418,848	\$57,136
9	Subtotal	\$46,794,569	49,331,609	(\$2,537,040)
10 Less: Program Rever	nues	(\$200,738)	(140,110)	(\$60,628)
11	Total Program Costs	\$46,593,831	49,191,499	(\$2,597,668)
12 Adjustments		\$0	\$0	\$0
13 Beginning of Period T	rue-up Overrecovery	(\$597,093)	(597,093)	\$0
14 Amounts included in I	-	\$0	\$0	\$0
15 Conservation Adjustn	nent Revenues	(\$49,438,657)	(50,846,920)	\$1,408,263
16 True-up Before Intere	est	\$3,441,919	2,252,514	\$1,189,405
17 Interest Provision		\$2,326	3,984	(\$1,658)
18 End of Period True-u	Þ	\$3,444,245	2,256,499	\$1,187,747

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TAMPA ELECTRIC COMPANY Actual Conservation Program Costs per Program For Months January 2012 through December 2012

1 Huadna and Cooling (E)5405400540054205400540054005400540054002 Prime True (D)012734031,31187,70307,62712,31640,4000.05,163,7773 Ency Audia (E)012734031,31187,70307,6270.091,77734,040.0100,7475 C & Li Cad Magni (D)000.0000.06,9580.08.002,306,7185 C & Li Cad Magni (D)00.010010000.00.06,95810.050.02,306,7187 Sandby Generator (D)015,0511300.01001127,930.011284,5084,50810.002,306,7189 Dura Repart (E)012,0511300.00.010,424,50412,020100,020,03110 Renewabe Energy Initiative (E)012,0700.00.010,212,472.010,010,02010,02010,02011 Renewabe Energy Systems Initiative (E)012,0700.00.010,01110,07012,0268010,02010,02012 Rendema Elevery Initiative (E)012,0270.00.00.010,02010,0210,02010,02013 Rest Alexe Systems Initiative (E)012,0270.00.00.010,02012,02010,02010,02010,02013 Rest Alexe Systems Initiative (E)00.00.0	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
Benergy Audie (E) 0 122/03 31.315 187.01 30.792 0 91.707 34.014 0 1,3228,330 4 Cogeneration (E) 0 106,813 70 0 0 0 95.99 1,485 00 108,747 5 C & I Load Magnet (D) 0 8100 7.556 0 101 117,753 0,011 128,833 0 7.566 6 Commended Lighting (E) 0 15,093 0.0 7.71 0.0 2.290,118 6.75 88 0 2.360,733 9 Duck Repark (E) 0 15,093 0.0 6.508 167,77 0.0 175 0.0 150,037 9 Duck Repark (E) 0 17,079 6.500 140,020 0.0 1.428,556 123,8 137 0.0 1.228,597 11 Renewable Energy Mutative (E) 0 7,773 0.0 0.0 101 18,079 227 688 0.0 1228,597 12 Indicatinal Load Management (D) 0 0.0	1 Heating and Cooling (E)	\$0	\$80,883	\$0	\$476	\$928	\$909,620	\$571	\$4,485	\$0	\$996,963
4 Cogeneration (E) 0 106,613 70 0 0 0 6,958 6.0 1,865 0 1,865 5 C & L Load Mnont (D) 0 810 0 0 0 6,958 0.0 1,865 0 240,881 6 Commercial Lighting (E) 0 15,093 0 771 0 2,280,116 675 88 0 2,306,73 8 Conservation Value (E) 0 15,093 0 771 0 2,280,116 675 88 0 2,306,73 9 Duert Repair (E) 0 64,507 4,282 0.0 5,596 443,094 4,51 0 1,625,597 10 Resemble Energy Initiative (E) 0 64,577 6,280 10.0 101 18,787 238 10,225,597 11 Renewable Energy Systems Initiative (E) 0 0 0 0 0 0 1,63,436 13 DSR MAD (DAE) 0,3847 0 0 1,539,25 233,007 0,358,31 1,539,25	2 Prime Time (D)	0	212,114	11,614	59,398	0	4,827,937	12,316	40,408	0	5,163,787
5 C & L Load Magnet (D) 0 8 0 8.88 0 7.88 6 Commencial Lighting (E) 0 50.937 236 0 101 187.954 1.268 445 0 240.891 7 Standby Generator (D) 0 15.093 0 771 0 2.209.116 675 8.8 0 2.306.743 8 Conservation Value (E) 0 15.093 0 771 0 2.209.116 675 8.8 0 2.306.743 9 Duck Repair (E) 0 12.057 1.20 0 5.966 443.09 1.02 36.107 1.025.361 11 Renewable Energy Systems Initiative (E) 0 7.736 0 0 1.02 1.02 70 1.02 1.02 1.192.25.81 13 DS K RAD (DAE) 0 0 0 0 0 0 1.031.92 8.84 1.530 0 1.62.537 16 Sorton Exposes (DAE) 1.114.07 88.964 8.476 8.557 232.94.00 0.84 <td>3 Energy Audits (E)</td> <td>0</td> <td>1,273,905</td> <td>31,315</td> <td>187,701</td> <td>307,927</td> <td>0</td> <td>91,777</td> <td>34,014</td> <td>0</td> <td>1,926,639</td>	3 Energy Audits (E)	0	1,273,905	31,315	187,701	307,927	0	91,777	34,014	0	1,926,639
6 Commerical Lighting (E) 0 50,837 238 0 101 187,854 1,268 445 0 2,40,881 7 Standby Generator (D) 0 15,033 0 771 0 2,290,116 675 88 0 2,306,743 8 Conservation Value (E) 0 12,051 130 0 6655 167,787 0 175 0 180,808 9 Duct Repair (E) 0 17,779 6,59 140,020 0 0 142 56,107 (20,738) 0 11 Renewable Energy Systems Initiative (E) 0 79,240 61 106,345 0 1,438,556 1,328 157 0 16,25,597 12 Industrial Load Management (D) 0 12,3770 0 0 0 0 0 160 15,392,225 834 1,530 0 1,581,438 13 DSM RAC (DAE) (0,650, 0,504,6) 11,140,76 889,654 84,716 82,527	4 Cogeneration (E)	0	106,613	70	0	o	0	599	1,465	0	108,747
7 Standby Generator (0) 0 15.093 0 771 0 2.290.116 AT	5 C & I Load Mngmt (D)	0	810	0	0	0	6,958	0	88	0	7,856
B Conservation Value (E) 0 12.051 130 0 665 167.777 0 175 0 150.808 9 Duct Repair (E) 0 64.507 4.282 0 5,986 443.044 4,584 12.028 0 554.481 10 Renewable Energy Initiative (E) 0 17,879 6.590 140.020 0 0 142 36,107 (200,738) 0 11 Renewable Energy Systems Initiative (E) 0 79,240 61 106,345 0 1438,556 12.38 157 0 19,225,597 12 Industrial Load Management (D) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 26.031 14 Commercial Cooling (E) 0 7,136 0 0 539,225 834 1,530 0 1,539,225 834 1,530 0 1,539,55 1,503 1,530,505 1,530,505 1,530,505 </td <td>6 Commerical Lighting (E)</td> <td>0</td> <td>50,937</td> <td>236</td> <td>0</td> <td>101</td> <td>187,954</td> <td>1,268</td> <td>485</td> <td>0</td> <td>240,981</td>	6 Commerical Lighting (E)	0	50,937	236	0	101	187,954	1,268	485	0	240,981
P Duct Repeir (E) 0 64.507 4.282 0 5.986 44.304 4.504 1.0 0 5.946 10 Renewable Energy Initiative (E) 0 17,879 6.590 140.020 0 0 142 36,107 (20.738) 0 11 Renewable Energy Systems Initiative (E) 0 79,240 61 106,345 0 1,428,556 12.38 157 0 152,26,361 13 DSM RED (DAE) 0 15,226,361 14 Commercial Coding (E) 0 7,156 0 0 1,581,352 293,000 0 0 79,728 28,501 0 13,581,102 15 Residential Building Envelope Improvement (E	7 Standby Generator (D)	· 0	15,093	0	771	0	2,290,116	675	88	0	2,306,743
10 Renewable Energy Initiative (E) 0 17,879 6,590 140,020 0 142 36,107 (200,738) 0 11 Renewable Energy Systems Initiative (E) 0 79,240 61 106,345 0 1,438,556 1238 157 0 1,625,597 12 Industrial Load Management (D) 0 12,970 0 0 0 19,212,647 288 455 0 15,226,361 13 DSM RD (DAE) 0 7,136 0 0 101 18,079 2.72 588 0 25,031 14 Commercial Cooling (E) 0 7,136 0 0 1,51 36,957 293,000 0 70,729 282,962 0 3,561,102 160% Controp Expenses (DAE) 1,114,076 688,654 84,716 825,975 293,000 0 70,729 282,962 0 3,561,102 17 Precisensis Controp Expenses (DAE) 1,114,076 689,657 293,000 0 70,729 282,962 0 3,561,102 17 Price Responsive Load Mmrit (DAE) 1,114	8 Conservation Value (E)	0	12,051	130	0	665	167,787	0	175	0	180,808
11 Renewable Energy Systems Initiative (E) 0 79,240 61 106,345 0 1,438,556 1,238 157 0 1825,597 12 Industrial Load Management (D) 0 12,970 0 0 0 19,212,647 289 455 0 19,226,361 13 DSM RAD (D&E) (60% D, 50% E) 0 7,136 0 0 101 18,079 27 688 0 26,031 14 Commercial Cooling (E) 0 7,136 0 0 1,539,225 834 1,530 0 1,581,436 16 Corrmon Expenses (D&E) (50% D, 50% E) 0 7,136 0 0 1539,225 834 1,530 0 1,581,436 16 Corrmon Expenses (DAE) (50% D, 50% E) 1,114,076 889,654 84,716 825,975 293,000 0 70,729 282,952 0 3,651,102 17 Proc Respontive Load Mant (DAE) 1,114,076 899,654 84,716 825,975 293,000 0 70,729 282,952 0 3,651,102 18 Residential Eled	9 Duct Repair (E)	0	64,507	4,282	0	5,986	443,094	4,584	12,028	0	534,481
12 Industrial Load Management (D) 0 12,970 0 0 19,212,647 289 445 0 19,226,361 13 DSM RAD (D&E) (60% D, 50% E) 0 7,136 0 0 10 18,079 27 668 0 26,031 14 Commercial Cooling (E) 0 7,136 0 0 1,519,225 834 1,530 0 1,581,336 16 Corrmon Expenses (D&E) (60% D, 50% E) 0 485,760 3,653 221,290 0 0 70,729 282,952 0 3,651,102 17 Price Responsive Load Mgmt (D&E) 1,114,076 889,654 84,716 825,975 293,000 70,729 282,952 0 3,651,102 18 Residential Building Envelope Improvement (E) 0 177,78 0 0 0 55 0 0 2,520 20 Energy Education Outreach (E) 0 2,7681 11,088 38,824 0 1,014 14,023 0 2,2120 21 Residential Building Envelope Improvement (E) 0 26,790 0 </td <td>10 Renewable Energy Initiative (E)</td> <td>0</td> <td>17,879</td> <td>6,590</td> <td>140,020</td> <td>0</td> <td>0</td> <td>142</td> <td>36,107</td> <td>(200,738)</td> <td>0</td>	10 Renewable Energy Initiative (E)	0	17,879	6,590	140,020	0	0	142	36,107	(200,738)	0
13 DSM R&D (D&E) (60% D, 50% E) 0 <t< td=""><td>11 Renewable Energy Systems Initiative (E)</td><td>0</td><td>79,240</td><td>61</td><td>106,345</td><td>0</td><td>1,438,556</td><td>1,238</td><td>157</td><td>0</td><td>1,625,597</td></t<>	11 Renewable Energy Systems Initiative (E)	0	79,240	61	106,345	0	1,438,556	1,238	157	0	1,625,597
(6% D, 50% E) 14 Commercial Cooling (E)07,1360010118,07927688026,03115 Residential New Construction (E)039,8470001,539,2258341,53001,581,43616 Commen Expenses (D&E) (6% D, 50% E)0485,7603,653221,2900058426,7010737,98817 Price Responsive Load Mgmt (D&E) (19% D, 50% E)1,114,076889,65484,716825,975293,000070,729282,95203,561,10218 Residential Building Envelope Improvement (E)0177,478009282,929,4006,2601,84703,115,91319 Residential Electronic Commutated Motors (E)02,525000055002,58020 Energy Education Outreach (E)027,68111,08838,824001,10414,023092,72021 Residential Re-Commissioning (E)025,423028,790057,7109056960113,52422 Residential Low-Income Weatherization (E)0106,458700272,8370652,3241,4227,9350101,18224 Commercial Duck Repair (E)01130008802,73125 Commercial Building Envelope Improvement (E)01142083,230,500008802,73125 Commercial Building Envel	12 Industrial Load Management (D)	0	12,970	0	0	0	19,212,647	289	455	0	19,226,361
14 Commercial Cooling (E) 0 7,136 0 0 101 18,079 27 688 0 26,031 15 Residential New Construction (E) 0 39,847 0 0 1,539,225 834 1,530 0 1,581,436 16 Commen Expenses (D&E) 0 485,760 3,653 221,290 0 0 584 26,701 0 737,988 17 Price Response Load Mgmt (D&E) 1,114,076 889,654 84,716 825,975 293,000 0 70,729 28,952 0 3,561,102 17 Price Response Load Mgmt (D&E) 1,114,076 889,654 84,716 825,975 293,000 6,260 1,847 0 3,115,913 18 Residential Electronic Commutated Motors (E) 0 17,747 0 2,829,900 6,260 1,847 0 2,890 0 1,041 3,15,913 20 Energy Education Outreach (E) 0 2,7681 11,088 38,824 0 0 1,041 6,02 1,041 6,02 1,041 6,02 1,041 6,02 1,041 1,041 6,02 1,041 </td <td></td> <td>0</td> <td>O</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>		0	O	0	0	0	0	0	0	0	0
16 Common Expenses (D&E) 0 465,760 3,653 221,290 0 0 584 26,701 0 737,988 17 Price Reponsive Load Mgmt (D&E) 1,114,076 889,654 84,716 825,975 293,000 0 70,729 282,952 0 3,561,102 18 Residential Building Envelope Improvement (E) 0 177,478 0 0 928 2,929,400 6,260 1,847 0 3,115,913 19 Residential Electronic Commutated Motors (E) 0 2,525 0 0 0 55 0 0 2,580 20 Energy Education Outreach (E) 0 27,681 11,088 38,824 0 0 1,141 14,023 0 92,720 21 Residential Re-Commissioning (E) 0 25,423 0 28,790 0 57,710 905 6666 0 113,524 22 Residential Low- Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 100,1162 23 <td< td=""><td></td><td>0</td><td>7,136</td><td>0</td><td>0</td><td>101</td><td>18,079</td><td>27</td><td>688</td><td>0</td><td>26,031</td></td<>		0	7,136	0	0	101	18,079	27	688	0	26,031
(30% D, 50% E) (114.076 889,654 84.716 825,975 293,000 0 70,729 282,952 0 3,561,102 17 Price Responsive Load Mgmt (D&E) 1,114.076 889,654 84.716 825,975 293,000 0 70,729 282,952 0 3,561,102 18 Residential Building Envelope Improvement (E) 0 177,478 0 0 928 2,929,400 6,260 1,847 0 3,115,913 19 Residential Electronic Commutated Motors (E) 0 2,525 0 0 0 1,04 14,023 0 2,580 20 Energy Education Outreach (E) 0 27,681 11,088 36,824 0 0 1,04 14,023 0 92,720 21 Residential Low- Income Weatherization (E) 0 25,423 0 28,790 57,710 905 696 0 104,1676 23 Commercial Duck Repair (E) 0 57,955 0 0 0 42,100 457 670 0 101,182 24 Commercial Building Envelope Improvement (E) 0 113 0 0 0	15 Residential New Construction (E)	0	39,847	0	0	0	1,539,225	834	1,530	0	1,581,436
17 Price Responsive Load Mgmt (D&E) 1,114,076 889,654 84,716 825,975 293,000 0 70,729 282,952 0 3,561,102 18 Residential Building Envelope Improvement (E) 0 177,478 0 0 928 2,924,00 6,260 1,847 0 3,115,913 19 Residential Electronic Commutated Motors (E) 0 2,525 0 0 0 0 55 0 0 2,580 20 Energy Education Outreach (E) 0 2,7681 11,088 38,824 0 0 1,104 14,023 0 92,720 21 Residential Electronic Commutated Motors (E) 0 25,423 0 28,790 0 57,710 905 696 0 113,524 22 Residential Low- Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 104,1676 23 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 88 0 201 24 Commerci		0	485,760	3,653	221,290	0	0	584	26,701	0	737,988
18 Residential Building Envelope Improvement (E) 0 177,478 0 928 2,929,400 6,260 1,847 0 3,115,913 19 Residential Electronic Commutated Motors (E) 0 2,525 0 0 0 55 0 0 2,560 20 Energy Education Outreach (E) 0 27,681 11,088 38,824 0 0 1,104 14,023 0 92,720 21 Residential Re-Commissioning (E) 0 25,423 0 28,790 0 57,710 905 696 0 113,524 22 Residential Low-Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 104,1676 23 Commercial Energy Recovery Ventilation (E) 0 57,955 0 0 0 42,100 457 670 0 101,182 24 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 88 0 7,31 26 Commercial Energy Efficient Motors (E) 0 14,452 0 0 0 0 23,230,500 0	17 Price Responsive Load Mgmt (D&E)	1,114,076	889,654	84,716	825,975	293,000	0	70,729	282,952	0	3,561,102
20 Energy Education Outreach (E) 0 27,681 11,088 38,824 0 0 1,104 14,023 0 92,720 21 Residential Re-Commissioning (E) 0 25,423 0 28,790 0 57,710 905 696 0 113,524 22 Residential Low- Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 104,1676 23 Commercial Duct Repair (E) 0 57,955 0 0 0 42,100 457 670 0 101,182 24 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 88 0 201 25 Commercial Building Envelope Improvement (E) 0 40,207 307 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 180 18 88 0 3,253,265 28 Commercial Chiller Replacement (E) 0 17,484 208 3,230,500 0 0 23,100 8 88		0	177,478	0	0	928	2,929,400	6,260	1,847	0	3,115,913
21 Residential Re-Commissioning (E) 0 25,423 0 28,790 0 57,710 905 696 0 113,524 22 Residential Low- Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 10,11676 23 Commercial Duct Repair (E) 0 57,955 0 0 0 42,100 457 670 0 101,182 24 Commercial Energy Recovery Ventilation (E) 0 5113 0 0 0 0 88 0 201 25 Commercial Building Envelope Improvement (E) 0 40,207 307 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 0 180 18 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 23,00 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 5,805 0 0 0 23,100 8 88	19 Residential Electronic Commutated Motors (E)	0	2,525	0	0	0	0	55	0	0	2,580
22 Residential Low-Income Weatherization (E) 0 106,458 700 272,837 0 652,324 1,422 7,935 0 1,041,676 23 Commercial Duct Repair (E) 0 57,955 0 0 0 42,100 457 670 0 101,182 24 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 0 88 0 201 25 Commercial Building Envelope Improvement (E) 0 40,207 307 0 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 0 180 18 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 23,00 4,843 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88	20 Energy Education Outreach (E)	0	27,681	11,088	38,824	0	0	1,104	14,023	o	92,720
23 Commercial Duct Repair (E) 0 57,955 0 0 42,100 457 670 0 101,182 24 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 88 0 201 25 Commercial Energy Recovery Ventilation (E) 0 40,207 307 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 0 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 230 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 23,100 8 88 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88 0 104 31 Commercial Water Heating (E) 0 <td>21 Residential Re-Commissioning (E)</td> <td>0</td> <td>25,423</td> <td>0</td> <td>28,790</td> <td>o</td> <td>57,710</td> <td>905</td> <td>696</td> <td>0</td> <td>113,524</td>	21 Residential Re-Commissioning (E)	0	25,423	0	28,790	o	57,710	905	696	0	113,524
24 Commercial Energy Recovery Ventilation (E) 0 113 0 0 0 0 88 0 201 25 Commercial Building Envelope Improvement (E) 0 40,207 307 0 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 0 180 18 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 230 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 23,100 8 240 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88 0 104 31 Commercial Water Heating (E) 0 16,637 0 2,670 0 15,951 0 662 0 <td< td=""><td>22 Residential Low- Income Weatherization (E)</td><td>0</td><td>106,458</td><td>700</td><td>272,837</td><td>0</td><td>652,324</td><td>1,422</td><td>7,935</td><td>0</td><td>1,041,676</td></td<>	22 Residential Low- Income Weatherization (E)	0	106,458	700	272,837	0	652,324	1,422	7,935	0	1,041,676
25 Commercial Building Envelope Improvement (E) 0 40,207 307 0 0 82,966 566 2,137 0 126,183 26 Commercial Energy Efficient Motors (E) 0 445 0 0 0 180 18 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 230 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 27,440 8 240 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 888 0 104 31 Commercial Water Heating (E) 0 16 0 0 0 888 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	23 Commercial Duct Repair (E)	0	57,955	0	0	0	42,100	457	670	0	101,182
26 Commercial Energy Efficient Motors (E) 0 445 0 0 180 18 88 0 731 27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 230 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 27,440 8 240 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 888 0 104 31 Commercial Water Heating (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	24 Commercial Energy Recovery Ventilation (E)	0	113	0	o	0	0	0	88	0	201
27 Commercial Demand Response (D) 0 17,484 208 3,230,500 0 0 230 4,843 0 3,253,265 28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 27,440 8 240 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88 0 104 31 Commercial Water Heating (E) 0 16 0 0 0 0 88 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	25 Commercial Building Envelope Improvement (E)	0	40,207	307	o	0	82,966	566	2,137	0	126,183
28 Commercial Chiller Replacement (E) 0 2,207 0 0 0 27,440 8 240 0 29,895 29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 888 0 104 31 Commercial Water Heating (E) 0 16 0 0 0 0 888 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	26 Commercial Energy Efficient Motors (E)	0	445	0	o	0	180	18	88	0	731
29 Commercial Occupancy Sensors (Lighting) (E) 0 5,805 0 0 0 23,100 8 88 0 29,001 30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88 0 104 31 Commercial Water Heating (E) 0 16 0 0 0 0 88 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	27 Commercial Demand Response (D)	0	17,484	208	3,230,500	0	0	230	4,843	0	3,253,265
30 Commercial Refrigeration (Anti-Condensate) (E) 0 16 0 0 0 0 88 0 104 31 Commercial Water Heating (E) 0 16 0 0 0 0 88 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	28 Commercial Chiller Replacement (E)	0	2,207	0	O	o	27,440	8	240	0	29,895
31 Commercial Water Heating (E) 0 16 0 0 0 0 88 0 104 32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	29 Commercial Occupancy Sensors (Lighting) (E)	0	5,805	0	0	0	23,100	8	88	0	29,001
32 Commercial HVAC Re-Commissioning (E) 0 16,637 0 2,670 0 15,951 0 662 0 35,920	30 Commercial Refrigeration (Anti-Condensate) (E)	0	16	0	0	o	0	0	88	0	104
	31 Commercial Water Heating (E)	O	16	0	0	O	0	0	88	0	104
	32 Commercial HVAC Re-Commissioning (E)	0	16,637	0	2,670	0	15,951	0	662	0	35,920
33 Commercial Electronic Commutated Motors (E) 0 153 0 0 0 0 0 157 0 310	33 Commercial Electronic Commutated Motors (E)	0	153	0	0	0	0	0	157	0	310
34 Cool Roof (E) 0 30,353 0 0 0 393,376 765 508 0 425,002	34 Cool Roof (E)	0	30,353	0	0	0	393,376	765	508	0	425,002
35 Total All Programs	35 Total All Programs	\$1,114,076	\$3,860,355	\$154,970	\$5,115,597	\$609,636	\$35,266,520	\$197,431	\$475,984	(\$200,738)	\$46,593,831



TAMPA ELECTRIC COMPANY Conservation Program Costs per Program Variance - Actual vs. Projected For Months January 2012 through December 2012

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling (E)	\$0	(\$24,114)	(\$2,055)	(\$580)	\$928	\$31,300	\$11	\$86	\$0	5,576
2 Prime Time (D)	0	(42,356)	(17,805)	(121,188)	0	41,286	(10,993)	2,107	0	(148,949)
3 Energy Audits (E)	0	(95,532)	5,284	50,674	(136,535)	0	4,968	(58,114)	0	(229,255)
4 Cogeneration (E)	0	7,340	o	0	0	0	(1,084)	(675)	0	5,581
5 C & I Load Mngmt (D)	0	0	o	0	o	0	0	0	0	0
6 Commerical Lighting (E)	0	(7,692)	236	0	101	(107,041)	(221)	397	0	(114,220)
7 Standby Generator (D)	0	(267)	(50)	(600)	0	(6,416)	(562)	0	0	(7,895)
8 Conservation Value (E)	0	(3,741)	130	0	665	(33,585)	(200)	0	0	(36,731)
9 Duct Repair (E)	0	(25,984)	0	(1,900)	263	(123,975)	2,138	276	0	(149,182)
10 Renewable Energy Initiative (E)	o	(3,695)	(96,160)	128,480	0	0	(231)	32,234	(60,628)	0
11 Renewable Energy Systems Initiative (E)	0	(15,432)	61	27,175	0	(74,027)	(1,755)	(835)	0	(64,813)
12 Industrial Load Management (D)	o	(2,863)	o	0	0	(129,094)	(353)	408	0	(131,902)
13 DSM R&D (D&E)	0	(990)	o	(125)	0	0	0	0	0	(1,115)
(50% D, 50% E) 14 Commercial Cooling (E)	0	(10,674)	O	0	101	(28,844)	(125)	397	0	(39,145)
15 Residential New Construction (E)	0	(10,853)	0	0	0	(230,275)	(266)	122	0	(241,272)
16 Common Expenses (D&E)	0	(51,996)	793	(77,682)	0	0	(137)	7,362	0	(121,660)
(50% D, 50% E) 17 Price Responsive Load Mgmt (D&E)	(9,140)	(53,124)	69,391	244,947	61,664	0	(1,904)	87,866	o	399,700
(50% D, 50% E) 18 Residential Building Envelope Improvement (E)	0	(36,012)	0	0	928	(315,323)	1,416	(575)	0	(349,566)
19 Residential Electronic Commutated Motors (E)	O	(417)	0	(2,977)	o	(1,350)	(150)	0	O	(4,894)
20 Energy Education Outreach (E)	O	5,808	(10,363)	(63,311)	0	(750)	(6,629)	282	o	(74,963)
21 Residential Re-Commissioning (E)	0	(12,600)	0	16,965	0	(15,825)	(305)	(500)	O	(12,265)
22 Residential Low- Income Weatherization (E)	0	4,496	(2,291)	(248,651)	0	(436,441)	(1,159)	(19,068)	O	(703,114)
23 Commercial Duct Repair (E)	0	(31,646)	0	0	0	(569,800)	(751)	582	0	(601,615)
24 Commercial Energy Recovery Ventilation (E)	0	(325)	0	0	0	(1,200)	(150)	0	0	(1,675)
25 Commercial Building Envelope Improvement (E)	0	9,724	307	0	0	16,926	(188)	124	0	26,893
26 Commercial Energy Efficient Motors (E)	0	(1,229)	0	0	O	(500)	(125)	0	0	(1,854)
27 Commercial Demand Response (D)	0	1,734	208	(31,200)	0	0	(630)	4,843	D	(25,045)
28 Commercial Chiller Replacement (E)	o	(990)	0	0	0	(5,100)	(75)	(65)	0	(6,230)
29 Commercial Occupancy Sensors (Lighting) (E)	o	(5,210)	0	D	0	(8,625)	(125)	0	0	(13,960)
30 Commercial Refrigeration (Anti-Condensate) (E)	0	(355)	o	0	0	(3,000)	(50)	0	0	(3,405)
31 Commercial Water Heating (E)	o	(225)	0	0	0	(250)	(50)	0	0	(525)
32 Commercial HVAC Re-Commissioning (E)	0	(9,333)	(5,000)	(16,110)	0	(19,862)	(620)	(700)	0	(51,625)
33 Commercial Electronic Commutated Motors (E)	0	(660)	0	0	0	(1,165)	(125)	0	0	(1,950)
34 Cool Roof (E)	0	7,802	0	0	0	95,236	(213)	582	ů O	103,407
35 Total All Programs	(\$9,140)	(\$411,411)	(\$57,314)	(\$96,083)	(\$71,885)	(\$1,927,700)	(\$20,643)	\$57,136	(\$60,628)	(2,597,668)

CT-2 Page 4 of 5

TAMPA ELECTRIC COMPANY Description for Accounts For Months January 2012 through June 2012

18251 RESIDENTIAL LOAD MANAGEMENT 18252 COMMERCIAL-INDUSTRIAL LOAD MGT 18253 PRICE RESPONSIVE LOAD MGMT 45609 OTHER REVENUE COMM & IND AUDIT 45610 OTHER ELECTRIC REVENUE PARKING 45611 JOB ORDER REVENUES 45612 OTHER REVENUE-BERS-BLDG ENERGY EFF 90849 COMMON RECOVERABLE CONS COSTS 90850 HEATING & COOLING PROGRAM 90851 PRIME TIME EXPENSES 90852 RESIDENTIAL CUSTOMER ASSISTED AUDIT 90853 RESIDENTIAL PHONE-ASSISTED AUDIT 90854 COMPREHENSIVE HOME SURVEY 90855 FREE HOME ENERGY CHECK 90856 COMPREHENSIVE C/I AUDIT 90857 FREE C/I AUDIT 90858 WALL INSULATION 90859 WINDOW REPLACEMENT 90860 RESIDENTIAL BERS AUDIT 90861 COGENERATION 90862 WINDOW FILM 90863 EDUCATIONAL ENERGY AWARENESS 90864 COMMERCIAL DUCT REPAIR PROGRAM 90865 INDUSTRIAL LOAD MANAGEMENT 90866 CEILING INSULATION 90867 COMMERCIAL LOAD MGMT 90868 COMMERCIAL INDOOR LIGHTING PROGRAM 90869 STANDBY GENERATOR PROGRAM 90870 CONSERVATION VALUE PROGRAM 90871 RESIDENTIAL DUCT EFFICIENCY 90872 RENEWABLE ENERGY INITIATIVE 90873 COMMERCIAL SOLAR WINDOW FILM 90874 COMMERCIAL CEILING INSULATION 90875 COMMERCIAL WALL INSULATION 90876 COMMERCIAL ENERGY EFFICIENT MOTORS 90877 SOLAR WATER HEATING 90878 SOLAR PHOTOVOLTAICS

- 90879 SOLAR WATER HEATING LOW-INCOME 90880 COMMERCIAL DEMAND RESPONSE 90881 COMMERCIAL CHILLER 90882 COMMERCIAL LIGHTING OCCUPANCY SENSOR 90883 COMMERCIAL REFRIGERATION 90884 COMMERICAL WATER HEATING PROGRAM 90885 RES. ELECTRONIC COMMUTATED MOTORS 90886 RES. HVAC RE-COMMISIONING 90887 SOLAR-SCHOOLS 90888 LOW INCOME WEATHERIZATION 90890 DSM R&D 90891 DSM COMMERCIAL COOLING 90892 RES. NEW CONSTRUCTION 90893 PRICE RESPONSIVE LOAD MGMT R&D 90894 COMMERCIAL ROOF INSULATION 90895 COMMERCIAL EXIT SIGNS 90896 COMM. HVAC RE-COMMISIONING 90897 COMM. ELECTRONIC COMMUTATED MOTORS 90898 COMMERCIAL COOL ROOF 90899 COMM. ENERGY RECOVERY VENTILATION 90950 HEATING & COOLING PROG ADVERTISING 90951 PRIME TIME ADVERTISING 90952 RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING 90954 COMPREHENSIVE HOME SURVEY ADVERTISING 90955 FREE HOME ENERGY CHECK ADVERTISING 90957 FREE C/I AUDIT ADVERTISING 90965 INDUSTRIAL LOAD MANAGMENT ADVERTISING 90966 CEILING INSULATION ADVERTISING 90967 C&I LOAD MANAGEMENT ADVERTISING 90968 COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISING 90969 STANDBY GENERATOR PROGRAM ADVERTISING 90970 CONSERVATION VALUE PROGRAM ADVERTISING 90971 RESIDENTIAL DUCT EFFICIENCY ADVERTISING 90972 RENEWABLE ENERGY INITIATIVE ADVERTISING 90991 COMMERCIAL COOLING ADVERTISING 90992 RES. NEW CONSTRUCTION ADVERTISING
- 90993 PRICE RESPONSIVENESS LOAD MGMT

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-2, PAGE 5 OF 5

CT-2 Page 5 of 5

TAMPA ELECTRIC COMPANY Description for Accounts For Months July 2012 through December 2012

1823320	RESIDENTIAL LOAD MANAGEMENT
1823321	COMMERCIAL-INDUSTRIAL LOAD MGT
1823322	PRICE RESPONSIVE LOAD MGMT
4560060	OTHER ELECTRIC REVENUE PARKING
4560020	JOB ORDER REVENUES
4560120	OTHER REVENUE-BERS-BLDG ENERGY EFF
12000347	COMMON RECOVERABLE CONS COSTS
12000349	HEATING & COOLING PROGRAM
12000351	PRIME TIME EXPENSES
12000353	RESIDENTIAL CUSTOMER ASSISTED AUDIT
12000355	RESIDENTIAL PHONE-ASSISTED AUDIT
12000357	COMPREHENSIVE HOME SURVEY
12000359	FREE HOME ENERGY CHECK
12000361	COMPREHENSIVE C/I AUDIT
12000363	FREE C/I AUDIT
12000365	WALL INSULATION
12000367	WINDOW REPLACEMENT
12000369	RESIDENTIAL BERS AUDIT
12000371	COGENERATION
12000373	WINDOW FILM
12000375	EDUCATIONAL ENERGY AWARENESS
12000377	COMMERCIAL DUCT REPAIR PROGRAM
12000379	INDUSTRIAL LOAD MANAGEMENT
12000381	
12000383	COMMERCIAL LOAD MGMT
12000385	COMMERCIAL INDOOR LIGHTING PROGRAM
12000387	STANDBY GENERATOR PROGRAM
12000389	CONSERVATION VALUE PROGRAM
12000391	
12000393	
12000395	COMMERCIAL SOLAR WINDOW FILM
12000397	COMMERCIAL CEILING INSULATION
12000399 12000401	COMMERCIAL WALL INSULATION COMMERCIAL ENERGY EFFICIENT MOTORS
12000401	SOLAR WATER HEATING
12000405	SOLAR WATER HEATING
12000405	SOLAR PHOTOVOLTAICS
12000407	GOLAN WATER REATING LOW-INCOME

12000409 COMMERCIAL DEMAND RESPONSE 12000411 COMMERCIAL CHILLER 12000413 COMMERCIAL LIGHTING OCCUPANCY SENSOR 12000415 COMMERCIAL REFRIGERATION 12000417 COMMERICAL WATER HEATING PROGRAM 12000419 RES. ELECTRONIC COMMUTATED MOTORS 12000421 RES. HVAC RE-COMMISIONING 12000423 SOLAR-SCHOOLS 12000425 LOW INCOME WEATHERIZATION 12000427 DSM R&D 12000429 DSM COMMERCIAL COOLING 12000431 RES. NEW CONSTRUCTION 12000433 PRICE RESPONSIVE LOAD MGMT R&D 12000435 COMMERCIAL ROOF INSULATION 12000437 COMMERCIAL EXIT SIGNS 12000439 COMM. HVAC RE-COMMISIONING 12000441 COMM. ELECTRONIC COMMUTATED MOTORS 12000443 COMMERCIAL COOL ROOF 12000445 COMM. ENERGY RECOVERY VENTILATION 12001706 HEATING & COOLING PROG ADVERTISING 12001708 PRIME TIME ADVERTISING 12001710 RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING 12001712 COMPREHENSIVE HOME SURVEY ADVERTISING 12001714 FREE HOME ENERGY CHECK ADVERTISING 12001716 FREE C/I AUDIT ADVERTISING 12001718 INDUSTRIAL LOAD MANAGMENT ADVERTISING 12001740 CEILING INSULATION ADVERTISING 12001742 C&I LOAD MANAGEMENT ADVERTISING 12001744 COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISING 12001746 STANDBY GENERATOR PROGRAM ADVERTISING 12001748 CONSERVATION VALUE PROGRAM ADVERTISING 12001750 RESIDENTIAL DUCT EFFICIENCY ADVERTISING 12001752 RENEWABLE ENERGY INITIATIVE ADVERTISING 12001754 COMMERCIAL COOLING ADVERTISING 12001756 RES. NEW CONSTRUCTION ADVERTISING 12001758 PRICE RESPONSIVENESS LOAD MGMT



TAMPA ELECTRIC COMPANY Energy Conservation Adjustment Summary of Expenses by Program by Month For Months January 2012 through December 2012

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Heating and Cooling (E)	54,568	47,766	88,112	94,050	110,933	92,984	93,563	113,192	93,546	84,461	71,486	52,302	996,963
2 Prime Time (D)	508,724	490,585	479,462	400,444	398,233	422,218	395,422	393,825	393,803	384,649	456,382	440,040	5,163,787
3 Energy Audits (E)	95,815	180,263	186,827	160, 185	130,158	258,000	178,948	129,785	146,771	136,397	169,665	153,825	1,926,639
4 Cogeneration (E)	4,596	8,454	13,511	8,532	11,218	11,937	7,883	7,075	8,602	9,056	10,695	7,188	108,747
5 C & I Load Mngmt (D)	0	420	257	994	994	1,082	1,127	994	994	994	0	0	7,856
6 Commerical Lighting (E)	39,456	28,371	(18,696)	22,397	15,119	8,850	11,014	57,829	7,384	47,417	12,635	9,205	240,981
7 Standby Generator (D)	189,005	188,042	194,464	192,457	192,917	190,704	195,279	192,175	189,698	196,408	195,045	190,549	2,306,743
8 Conservation Value (E)	82,244	702	1,037	16,814	3,178	30,354	740	842	817	378	1,269	42,433	180,808
9 Duct Repair (E)	23,406	22,010	36,252	80,918	21,004	74,855	51,52B	38,225	49,561	54,081	19,466	63,175	534,481
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	O	0	0	0
11 Renewable Energy Systems Initiative (E)	98,983	99,535	343,117	224,642	128,503	60,242	6,479	69,378	313,993	8,058	28,322	244,345	1,625,597
12 Industrial Load Management (D)	1,702,652	1,801,530	1,643,615	1,707,395	1,437,956	1,657,986	1,484,017	1,615,090	1,538,890	1,532,143	1,604,812	1,500,275	19,226,361
13 DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling	1,141	449	1,105	5,022	3,532	3,929	143	2,763	219	3,858	463	3,407	26,031
15 Residential New Construction	68,082	131,883	104,063	90,355	162,909	192,612	131,490	94,458	123,927	196,507	136,050	149,100	1,581,436
16 Common Expenses (D&E) (50% D, 50% E)	38,132	113,120	56,367	43,837	41,966	52,965	34,904	26,663	51,110	97,747	95,931	85,246	737,988
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	216,317	270,528	282,682	260,034	271,653	335,791	318,663	491,689	183,313	237,946	463,133	229,353	3,561,102
18 Residential Building Improvement	274,026	255,032	230,520	314,884	382,684	219,037	220,096	328,381	237,957	173,318	262,600	217,378	3,115,913
19 Residential Electronic Commutated Motors	242	334	346	411	277	4 67	95	82	86	86	93	61	2,580
20 Educational Energy Awareness (Pilot)	23,514	11,658	2,890	1,874	3,240	519	10,578	3,301	6,462	4,371	16,774	7,539	92,720
21 Residential Re-Commissioning (E)	1,528	15,454	4,657	7,187	12,304	17,080	11,264	8,256	10,443	10,531	9,728	5,092	113,524
22 Residential Low-Income Weatherization	9,123	8,334	10,785	7,850	33,751	48,109	6,254	162,113	171,282	173,906	259,129	151,040	1,041,676
23 Commerical Duct Repair	6,550	19,172	12,914	29,006	48,537	18,864	19,703	29,094	6,576	(122,561)	20,830	12,497	101,182
24 Commercial Energy Recovery Ventilation	0	44	44	0	o	88	0	0	0	0	0	25	201
25 Commerical Building Improvement	11,493	11,193	2,597	7,591	5,427	10,461	13,301	15,667	15,852	3,927	20,188	8,486	126, 183
26 Commercial Energy Efficiency Motors	0	156	5	101	6	412	0	0	0	0	0	51	731
27 Commercial Demand Response	263,773	1,254	271,344	540,657	271,006	271,493	1,437	1,258	271,691	5,999	272,764	1,080,589	3,253,265
28 Commerical Chiller Replacement	373	453	359	380	500	22,930	0	4,900	0	0	0	0	29,895
29 Commerical Occupancy Sensors (Lighting)	7,863	7,430	(5,911)	3,759	773	3,907	1,250	0	846	8,878	54	152	29,001
30 Commerical Refrigeration (Anti-Condensate)	0	0	5	0	6	93	0	0	0	0	0	0	104
31 Commerical Water Heating	0	0	5	0	6	93	0	0	0	0	0	0	104
32 Commercial HVAC Re-Commissioning	878	658	938	1,359	203	7,808	3,881	1, 43 0	10,580	1,907	2,985	3,293	35,920
33 Commercial Electronic Commutated Motors	69	0	0	0	0	241	0	0	0	0	0	0	310
34 Cool Roof	33,691	15,315	33,853	48,636	33,780	24,077	63,403	33,681	45,181	63,906	8,604	20,875	425,002
Total	3,756,244	3,730,145	3,977,526	4,271,771	3,722,773	4,040,188	3,262,462	3,822,146	3,879,584	3,314,368	4,139,103	4,677,521	46,593,831
Less: Amount Included in Base Rates	Q	Q	<u>0</u>	<u>0</u>	Q	<u>0</u>	Q	Q	Q	Q	Q	<u>0</u>	Q
Recoverable Conservation Expenses	3,756,244	3,730,145	3,977,526	4.271.771	3,722,773	4,040,188	3,262,462	3,822,146	3,879,584	3,314,368	4,139,103	4.677.521	46,593,831

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				Energy Calculation of	A ELECTRIC CO Conservation Ad f True-up and Inte uary 2012 through	justment erest Provision	2						
Description	January	February	March	April	Мау	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Conservation Adjustment Revenues *	3,782,812	3,563,826	3,550,456	3,913,722	4,126,956	4,627,839	4,716,761	4,825,671	4,857,435	4,379,332	3,678,171	3,415,676	49,438,657
3 Total Revenues	3,782,812	3,563,826	3,550,456	3,913,722	4,126,956	4,627,839	4,716,761	4,825,671	4,857,435	4,379,332	3,678,171	3,415,676	49,438,657
4 Prior Period True-up	49,758	<u>49,758</u>	<u>49,758</u>	<u>49,758</u>	<u>49,758</u>	49,758	49,758	<u>49,758</u>	<u>49,758</u>	<u>49,758</u>	49,758	49,755	597,093
5 Conservation Revenue Applicable to Period	3,832,570	3,613,584	3,600,214	3,963,480	4,176,714	4,677,597	4,766,519	4,875,429	4,907,193	4,429,090	3,727,929	3,465,431	50,035,750
6 Conservation Expenses	<u>3,756,244</u>	<u>3,730,145</u>	<u>3.977.526</u>	<u>4.271.771</u>	3,722,773	4.040.188	3,262,462	3,822,146	<u>3.879.584</u>	<u>3,314,368</u>	4,139,103	<u>4.677.521</u>	46,593,831
7 True-up This Period (Line 5 - Line 6)	76,326	(116,561)	(377,312)	(308,291)	453,941	637,409	1,504,057	1,053,283	1,027,609	1,114,722	(411,174)	(1,212,090)	3,441,919
8 Interest Provision This Period	37	54	20	(13)	(13)	37	139	314	325	417	642	367	2,326
9 True-up & Interest Provision Beginning of Period	\$597,093	623,698	457,433	30,383	(327,679)	76,491	664,179	2,118,617	3,122,456	4,100,632	5,166,013	4,705,723	597,093
10 Prior Period True-up Collected (Refunded)	<u>(49,758)</u>	<u>(49,758)</u>	(49.758)	(49,758)	(49,758)	<u>(49,758)</u>	<u>(49,758)</u>	(49,758)	<u>(49,758)</u>	<u>(49,758)</u>	<u>(49,758)</u>	<u>(49,755)</u>	(597,093)
11 End of Period Total Net True-up	\$623,698	\$457,433	\$30,383	(\$327,679)	\$76,491	\$664,179	\$2,118,617	\$3,122,456	\$4,100,632	\$5,166,013	\$4,705,723	\$3,444,245	\$3,444,245

* Net of Revenue Taxes

(A) Included in Line 6



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TAMPA ELECTRIC COMPANY Energy Conservation Adjustment Calculation of True-up and Interest Provision For Months January 2012 through December 2012

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	\$597,093	\$623,698	\$457,433	\$30,383	(\$327,679)	\$76,491	\$664,179	\$2,118,617	\$3,122,456	\$4,100,632	\$5,166,013	\$4,705,723	
2 Ending True-up Amount Before Interest	623,661	457,379	30,363	(327,666)	76,504	664,142	2,118,478	3,122,142	4,100,307	5,165,596	4,705,081	3,443,878	
3 Total Beginning & Ending True-up	1,220,754	1.081.077	487,796	(297,283)	(251,175)	740,633	2,782,657	5,240,759	7,222,763	9,266,228	9,871,094	8,149,601	
4 Average True-up Amount (50% of Line 3)	610,377	540,539	243,898	(148,642)	(125,588)	370,317	1,391,329	2,620,380	3,611,382	4,633,114	4,935,547	4,074,801	
5 Interest Rate - First Day of Month	0.030%	0.120%	0.110%	0.090%	0.120%	0.130%	0.100%	0.150%	0.140%	0.070%	0.140%	0.160%	
6 Interest Rate - First Day of Next Month	0.120%	0.110%	0.090%	0.120%	0.130%	0.100%	0.150%	0.140%	0.070%	0.140%	0.160%	0.050%	
7 Total (Line 5 + Line 6)	0.150%	0.230%	0.200%	0.210%	0.250%	0.230%	0.250%	0.290%	0.210%	0.210%	0.300%	0.210%	
8 Average Interest Rate (50% of Line 7)	0.075%	0.115%	0.100%	0.105%	0.125%	0.115%	0.125%	0.145%	0.105%	0.105%	0.150%	0.105%	
9 Monthly Average Interest Rate (Line 8/12)	0.006%	0.010%	0.008%	0.009%	0.010%	0.010%	0.010%	0.012%	0.009%	0.009%	0.013%	0.009%	
10 Interest Provision (Line 4 x Line 9)	\$37	\$54	\$20	(\$13)	(\$13)	\$37	\$139	\$314	\$325	\$417	\$642	\$367	\$2,326

TAMPA ELECTRIC COMPANY Schedule of Capital Investment, Depreciation and Return For Months January 2012 through December 2012

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	<u>May</u>	June	July	August	September	<u>October</u>	November	December	Total
1 Investment		\$ 96,654	\$ 112,575	\$ 160,676	\$ 21,432	\$ 20,915	\$ 101,805	\$ 0	\$ 27,546	\$ 58,804	\$ 106,677	\$ 22,187	\$ 22,405	\$751,675
2 Retirements		0	o	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		3,717,340	3,829,915	3,990,591	4,012,023	4,032,938	4,134,743	4,134,743	4,162,289	4,221,093	4,327,770	4,349,957	4,372,362	
4 Depreciation Expense	1	61,150	62,894	65,171	66,688	67,041	68,064	68,912	69,142	69,862	.71,241	72,314	72,686	815,165
5 Cumulative Investment	\$3,620,686	\$3,717,340	\$3,829,915	\$3,990,591	\$4,012,023	\$4,032,938	\$4,134,743	\$4,134,743	\$4,162,289	\$4,221,093	\$4,327,770	\$4,349,957	\$4,372,362	\$4,372,362
6 Less: Accumulated Depreciation	1,107,417	1,168,567	1,231,461	1,296,632	1,363,320	1,430,361	1,498,425	1,567,337	1,636,479	1,706,341	1,777,582	1,849,896	1,922,582	1,922,582
7 Net Investment	\$2,513,269	\$2,548,773	\$2,598,454	\$2,693,959	\$2,648,703	\$2,602,577	\$2,636,318	\$2,567,406	\$2,525,810	\$2,514,752	\$2,550,188	\$2,500,061	\$2,449,780	\$2,449,780
8 Average Investment		2,531,021	2,573,614	2,646,207	2,671,331	2,625,640	2,619,448	2,601,862	2,546,608	2,520,281	2,532,470	2,525,125	2,474,921	
9 Return on Average Investment		15,055	15,308	15,740	15,889	15,617	15,580	15,476	15,147	14,991	15,063	15,019	14,721	183,606
10 Return Requirements		24,510	24,921	25,625	25,867	25,425	25,364	25,195	24,659	24,405	24,523	24,451	23,966	<u>298,911</u>
11 Total Depreciation and Return	-	\$85,660	\$87,815	\$90,796	\$92,555	\$92,466	\$93,428	\$94,107	\$ 93,801	\$94,267	\$95,764	\$96,765	\$96,652	\$1,114,076

Note: 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 1.6280016.

CT-4 Page 1 of 1

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DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-5, PAGE 1 OF 1

CT-5 Page 1 of 1

TAMPA ELECTRIC COMPANY Reconciliation and Explanation of Difference Between Filing and FPSC Audit For Months January 2012 through December 2012

The audit has not been completed as of the date of this filing.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 1 OF 64

Program Description and Progress

Program Title:	Heating and Cooling Program
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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 Accomplishments:	January 1, 2012 to December 31, 2012
	In this reporting period 3,138 units were installed.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$996,963.

Program Progress Summary: Through this reporting period 181,011 approved units have been installed.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 2 OF 64

Program Description and Progress

Program Title:	<u>Prime Time</u>
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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. Per Commission Order No. PSC-05-0181-PAA-EG issued February 16, 2005, this program is closed to new participants.

Program Accomplishments: January 1, 2012 to December 31, 2012

There were 2,527 net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures:	<u>January 1, 2012</u> to <u>December 31, 2012</u>												
	Actual expenses were \$5,163,787.												
Program Progress Summary:	Through this reporting period there are 40,365 participating customers.												

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 3 OF 64

Program Description and Progress

Program Title: Energy Audits

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

Program Accomplishments: January 1, 2012 to December 31, 2012

Number of audits completed: Residential on-site - 7,908 Residential customer assisted - 1,065 Commercial on-site - 587

Program Fiscal Expenditures: January 1, 2011 to December 31, 2011 Actual expenses were \$1,926,639.

Program Progress Summary: Through this reporting period 307,692 on-site audits have been performed. Additionally, the company has processed 120,641 residential and commercial customer assisted audits.

Program Description and Progress

Program Title: Cogeneration

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

Program Accomplishments: January 1, 2012 to December 31, 2012

The company continued communication and interaction with all present and potential customers.

Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$108,747.

Program Progress Summary:

The total maximum generation by electrically interconnected cogeneration during 2012 was approximately 448 MW and 2,510 GWH.

The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in Tampa Electric's service area.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 5 OF 64

Program Description and Progress

Program Title: <u>Commercial Load Management</u>

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 Accomplishments: January 1, 2012 to December 31, 2012

There were no customers added or removed from the program during this reporting period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$7,856.

Program Progress Summary: Through this reporting period there are six participating customers.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 6 OF 64

Program Description and Progress

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 Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u>
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Number of incentives paid:

Conditioned space - 58 Un-conditioned space - 18 Exit signs - 3

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual program expenses were \$240,981.

Program Progress Summary: Through this reporting period 1,671 customers have received an incentive.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 7 OF 64

Program Description and Progress

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

Program Accomplishments: January 1, 2012 to December 31, 2012 There were two net customers added during the

There were two net customers added during this reporting period.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$2,306,743.

Program Progress Summary: Through this reporting period there are 96 participating customers.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 8 OF 64

Program Description and Progress

Program Title:	Conservation Value

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

Program Accomplishments: January 1, 2012 to December 31, 2012

During this reporting period seven new customers qualified for an incentive.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$180,808.

Program Progress Summary: Through this reporting period 43 customers have qualified and received the appropriate incentive.

Pursuant to Docket No. 900885-EG, Commission Order No. 24276, issued March 25, 1991 for the purpose of approving Tampa Electric Company's Conservation Value Program, the company is filing the attached table. Specifically, the table provides incentive payments as well as other program costs incurred during the January 2012 through December 2012 period. The table format was filed with the Commission on April 23, 1991 in response to the aforementioned order requesting the program participation standards.

TAMPA ELECTRIC COMPANY CONSERVATION VALUE PROGRAM CUSTOMER INCENTIVE PAYMENT SCHEDULE JANUARY 2012 - DECEMBER 2012

CUSTOMER DATA	Jan	n-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
Walgreens	\$	\$4,938							.				
	9.75												
	9.75												
ANNUAL ENERGY SAVING: 52	283				l l								
HILLSBOROUGH COUNTY SCHOOLS - NORTHWEST(1)	\$1	17,680											
AVG. SUM DEMAND SAVING: 14	1.44	· .											
AVG. WIN DEMAND SAVING:	0												
ANNUAL ENERGY SAVING: 20	562	l l											
HILLSBOROUGH COUNTY SCHOOLS - TAMPA PALMS ⁽¹⁾	\$2	22,421											
AVG. SUM DEMAND SAVING: 17	9.37	· 1											
AVG. WIN DEMAND SAVING:	ol	- 1											
ANNUAL ENERGY SAVING: 27	740												
HILLSBOROUGH COUNTY SCHOOLS - ERWIN ⁽¹⁾	\$3	36,224				_							
AVG. SUM DEMAND SAVING: 28	9.79	,											
AVG. WIN DEMAND SAVING:	0				Í								
ANNUAL ENERGY SAVING: 100	072												
HILLSBOROUGH COUNTY SCHOOLS - BT WASHINGTON(1)					\$16,015								
AVG. SUM DEMAND SAVING: 12	3.12				\$10,010	1							
AVG. WIN DEMAND SAVING:	o												
ANNUAL ENERGY SAVING: 10	454												
HILLSBOROUGH COUNTY SCHOOLS - YATES(1)					-		\$29,094						
AVG. SUM DEMAND SAVING: 23	2.75		1				φ <u>2</u> 3,034						
AVG. WIN DEMAND SAVING:	0												
ANNUAL ENERGY SAVING:	ō				ł								
HILLSBOROUGH COUNTY SCHOOLS - TWIN LAKES(1)													
	1.2												\$41,41
AVG. WIN DEMAND SAVING:	0												
ANNUAL ENERGY SAVING:	109											1	
MONTHLY TOTALS:		31,263	\$0	\$0	\$16,015	\$0	\$29,094	\$0	\$0	\$0	\$0		\$41,41

TOTAL INCENTIVES PAID FOR PERIOD: TOTAL OTHER EXPENSES FOR PERIOD: GRAND TOTAL EXPENSES FOR PERIOD:

\$167,787 \$13,021 \$180,808

⁽¹⁾ Represents first half of incentive to be paid. Balance to be paid in 2013.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 10 OF 64

INPUT DATA - PART 1 PROGRAM TITLE: Walgreens

					F3C FORM CE	
		PROGRAM TITLE: Walgreens			PAGE 1 OF 1	
		-			RUN DATE:	March 12, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS. & DIST COSTS		
Ι.	(1) CUSTOMER KW REDUCTION AT THE METER	23.19 KW /CUST		/. (1) BASE YEAR	2011	
١.	(2) GENERATOR KW REDUCTION PER CUSTOMER	25.68 KW GEN/CUST	IV	(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
١.	(3) KW LINE LOSS PERCENTAGE	6.5 %	IV	/. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
Ι.	(4) GENERATION KWH REDUCTION PER CUSTOMER	65,168.79 KWH/CUST/YR	١V	(4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55 \$	\$/KW
I.	(5) KWH LINE LOSS PERCENTAGE	5.8 %	IV	/. (5) BASE YEAR AVOIDED TRANSMISSION COST	27.15 \$	\$/KW
I.	(6) GROUP LINE LOSS MULTIPLIER	1	IV	/. (6) BASE YEAR DISTRIBUTION COST	49.89 \$	6/KW
1.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER		IV	(. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3	6
1.	(8)* CUSTOMER KWH REDUCTION AT METER	61,389 KWH/CUST/YR	IV	/. (8) GENERATOR FIXED O & M COST	20.35 \$	\$/KW/YR
			IV	/. (9) GENERATOR FIXED O&M ESCALATION RATE	2.1 9	%
	ECONOMIC LIFE & K FACTORS		IV	/. (10) TRANSMISSION FIXED O & M COST	0.72 \$	\$/KW/YR
	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	15 YEARS	IV	/. (11) DISTRIBUTION FIXED O & M COST	2.84 \$	\$/KW/YR
	(2) GENERATOR ECONOMIC LIFE	25 YEARS	IV	(. (12) T&D FIXED O&M ESCALATION RATE	2.1 9	%
	(3) T & D ECONOMIC LIFE	25 YEARS	IV	(. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379 (CENTS/KWH
	(4) K FACTOR FOR GENERATION	1.5975	IV	(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1 9	%
11.	(5) K FACTOR FOR T & D	1.5975	IV	/. (15) GENERATOR CAPACITY FACTOR	1.5 9	%
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1		/. (16) AVOIDED GENERATING UNIT FUEL COST	8.05 (CENTS/KWH
N			IV	(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	2.28	%
ω			١V	/. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$	\$/KW/YR
_	UTILITY & CUSTOMER COSTS		١V	(. (19)* CAPACITY COST ESCALATION RATE	0 9	%
	(1) UTILITY NONRECURRING COST PER CUSTOMER	200.00 \$/CUST				
	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR				
	(3) UTILITY COST ESCALATION RATE	2.1 %				
	(4) CUSTOMER EQUIPMENT COST	42858.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %	۷.	(1) NON-FUEL COST IN CUSTOMER BILL	1.756 (CENTS/KWH
	(6) CUSTOMER O & M COST	0 \$/CUST/YR	V.	(2) NON-FUEL ESCALATION RATE	1 9	%
	(7) CUSTOMER O & M ESCALATION RATE	2.5 %	V.	(3) CUSTOMER DEMAND CHARGE PER KW	10.610 \$	\$/KW/MO
	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST		. (4) DEMAND CHÁRGE ESCALATION RATE	1 9	6
	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	V.	. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT		
	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		FACTOR FOR CUSTOMER BILL	1	
	(11)* SUPPLY COSTS ESCALATION RATE	0 %				
	(12)* UTILITY DISCOUNT RATE	0.0799				
	(13)* UTILITY AFUDC RATE	0.0779		CALCULATED BENEFITS AND COSTS		
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	5797.50 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	1.76	
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	52	
00.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.0828	

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 11 OF 64

PSC FORM CE 1.1

TOTAL RESOURCE COST TESTS PROGRAM: Walgreens													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	PARTICIPANT PROGRAM COSTS	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT BENEFITS	AVOIDED T & D BENEFITS	PROGRAM FUEL SAVINGS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS	
YEAR	\$(000) \$(000) \$(000) \$(000) \$(000) \$(000)						\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	
2011	0	0	43	0	43	0	0		0	2	(41)		
2012	0	0	44	0	44	0	0	6	0	6	(38)		
2013	0	0	0	0	0	6	1	8	0	14	14	(65)	
2014	0	0	0	0	0	6	1	8	0	14	14	(54)	
2015	0	0	0	0	0	6	1	8	4	18	18	(40)	
2016	0	0	0	0	0	6	1	8	4	19	19	(27)	
2017	0	0	0	0	0	6	. 1	8	4	19	19	(15)	
2018	0	0	0	0	0	6	1	9	5	20	20	(3)	
2019	0	0	0	0	0	6	1	8	5	20	20	8	
2020	0	0	0	0	0	7	1	8	5	21	21	18	
2021	0	0	0	0	0	7	1	8	5	21	21	28	
2022	0	0	0	0	0	7	1	9	6	22	22	37	
2023	0	0	0	0	0	7	1	9	6	23	23	47	
2024	0	0	0	0	0	7	1	9	6	24	24	55	
2025	0	0	0	0	0	7	1	9	7	24	24	64	
NOMINAL	0	0	87	0	87	83	9	118	58	267	180		
NPV:	0	0	84	0	84	46	5	68	29	147	64		
Discount R	ate	0.0799	Benefit/Cost F	Ratio - [col	(11)/col (6)]	:	1.76						

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 12 OF 64

NP

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	PARTICIPANT COSTS AND BENEFITS PROGRAM: Walgreens													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1	1)	(12)		
	SAVINGS IN					CUSTOMER	CUSTOMER					CUMULATIVE		
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	O & M	OTHER	TOTAL	N	ЕΤ	DISCOUNTED		
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENE	EFITS	NET BENEFITS		
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)		00)	\$(000)		
2011	3	0	-	0	9		0	0		43	(34)			
2012	10	0	6	0	16		0	0		44	(28)			
2013 2014	14 14	0	0	0	14	0	0	0		0	14	(47)		
2014	14	0	0	0	14 14	0	0	0		0	14	(36)		
2015	15	0	0	0	14		0	0 0		0 0	14 15	(26)		
2017	15	0	0	0	15		0	0		0	15	(16)		
2018	15	0	0	0	15		0	ŏ		0	15	(6) 3		
2019	15	Ő	Ő	Ő	15	õ	ŏ	ŏ		õ	15	11		
2020	16	Ō	Ō	Ō	16	-	õ	ŏ		õ	16	19		
2021	16	0	0	0	16	Ó	Ō	Ō		Ō	16	26		
2022	16	0	0	0	16	0	0	0		0	16	33		
2023	17	0	0	0	17	0	0	0		0	17	40		
2024	17	0	0	0	17	0	0	0		0	17	46		
2025	17	0	0	0	17	0	0	0		0	17	52		
NOMINAL	216	0	12	0	228	87	0	0		87	141			
NPV:	125	0	11	0	136	84	0	0		84	52			

In service year of gen unit:

N 5

2013

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	0	6	3	0	9	2	0		0	2	(8)	(8)
2012	0	0	6	10	0	16	6	0	0	0	6	(11)	(17)
2013	0	0	0	14	0	14	13	1	0	0	14	ົດ໌	(17)
2014	0	0	0	14	0	14	13	1	0	0	14	(0)	(17)
2015	0	0	0	14	0	14	14	1	0	4	18	4	(14)
2016	0	0	0	15	0	15	14	1	0	4	19	4	(11)
2017	0	0	0	15	0	15	14	1	0	4	19	5	(8)
2018	0	0	0	15	0	15	15	1	0	5	20	5	(6)
2019	0	0	0	15	0	15	14	1	0	5	20	5	(3)
2020	0	0	0	16	0	16	15	1	0	5	21	5	(1)
2021	0	0	0	16	0	16	15	1	0	5	21	5	2
2022	0	0	0	16	0	16	16	1	0	6	22	6	4
2023	0	0	0	17	0	17	16	1	0	6	23	6	7
2024	0	0	-	17	0	17	17	1	0	6	24	7	9
2025	0	0	0	17	0	17	17	1	0	7	24	7	11
NOMINAL	0	0	12	216	0	228	201	9	0	58	267	40	
NPV:	0	0	11	125	0	136	114	5	0	29	147	11	
Discount ra	ate:		0.0799		Benefit/Cos	t Ratio - [co	ol (12)/col (7)]:		1.08				

RATE IMPACT TEST PROGRAM: Walgreens

PSC FORM CE 2.5 Page 1 of 1 March 12, 2010

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 14 OF 64

26

INPUT DATA - PART 1 PROGRAM TITLE: Northwest

				FOUL FORMICE 1.1
		PROGRAM TITLE: Northwest		PAGE 1 OF 1
				RUN DATE: December 3, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES		AVOIDED GENERATOR, TRANS. & DIST COSTS	
Ι.	(1) CUSTOMER KW REDUCTION AT THE METER	141.44 KW /CUST	IV. (1) BASE YEAR	2011
Ι.	(2) GENERATOR KW REDUCTION PER CUSTOMER	140.94 KW GEN/CUST	IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013
١.	(3) KW LINE LOSS PERCENTAGE	6.5 %	IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2013
I.	(4) GENERATION KWH REDUCTION PER CUSTOMER	21,828.03 KWH/CUST/YR	IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55 \$/KW
Ι.	(5) KWH LINE LOSS PERCENTAGE	5.8 %	IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	27.15 \$/KW
Ι.	(6) GROUP LINE LOSS MULTIPLIER	1	IV. (6) BASE YEAR DISTRIBUTION COST	49.89 \$/KW
١.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR	IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.1 %
I.	(8)* CUSTOMER KWH REDUCTION AT METER	20,562 KWH/CUST/YR	IV. (8) GENERATOR FIXED O & M COST	20.35 \$/KW/YR
			IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.1 %
	ECONOMIC LIFE & K FACTORS		IV. (10) TRANSMISSION FIXED O & M COST	0.72 \$/KW/YR
11.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS	IV. (11) DISTRIBUTION FIXED O & M COST	2.84 \$/KW/YR
- II.	(2) GENERATOR ECONOMIC LIFE	25 YEARS	IV. (12) T&D FIXED O&M ESCALATION RATE	2.1 %
II.	(3) T & D ECONOMIC LIFE	25 YEARS	IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379 CENTS/KWH
	(4) K FACTOR FOR GENERATION	1.5975	IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RA	
II.	(5) K FACTOR FOR T & D	1.5975	IV. (15) GENERATOR CAPACITY FACTOR	1.5 %
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0	IV. (16) AVOIDED GENERATING UNIT FUEL COST	7.78 CENTS/KWH
N			IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69 %
1			IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
	UTILITY & CUSTOMER COSTS		IV. (19)* CAPACITY COST ESCALATION RATE	0 %
III.	(1) UTILITY NONRECURRING COST PER CUSTOMER	600.00 \$/CUST		
	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR		
Ш.	(3) UTILITY COST ESCALATION RATE	2.1 %		
111.	(4) CUSTOMER EQUIPMENT COST	83295.00 \$/CUST	NON-FUEL ENERGY AND DEMAND CHARGES	
HI.	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %	V. (1) NON-FUEL COST IN CUSTOMER BILL	1.756 CENTS/KWH
11.	(6) CUSTOMER O & M COST	0 \$/CUST/YR	V. (2) NON-FUEL ESCALATION RATE	1 %
Ш.	(7) CUSTOMER O & M ESCALATION RATE	2.5 %	V. (3) CUSTOMER DEMAND CHARGE PER KW	10.610 \$/KW/MO
III.	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST	V. (4) DEMAND CHARGE ESCALATION RATE	1 %
III.	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT	
III.	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR	FACTOR FOR CUSTOMER BILL	0.67
10.	(11)* SUPPLY COSTS ESCALATION RATE	0 %		
	(12)* UTILITY DISCOUNT RATE	0.0799		
	(13)* UTILITY AFUDC RATE	0.0779	CALCULATED BENEFITS AND COSTS	
- 10.	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	35360.00 \$/CUST	(1)* TRC TEST - BENEFIT/COST RATIO	2.66
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR	(2)* PARTICIPANT NET BENEFITS (NPV)	115
10 .	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %	(3)* RIM TEST - BENEFIT/COST RATIO	1.1223

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PSC FORM CE 1.1

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 15 OF 64

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
				(-)	(-)	(*)	(•)	(0)	(10)	(1)	(12)	(13)
	INCREASED		DADTICIDANIT									CUMULATIVE
	SUPPLY	UTILITY PROGRAM	PARTICIPANT PROGRAM	OTHER	TOTAL			PROGRAM				DISCOUNTED
	COSTS	COSTS	COSTS	COSTS	TOTAL COSTS	AVOIDED GEN UNIT		FUEL	OTHER	TOTAL	NET	NET
	00010	00010	00010	00313	00313	BENEFITS	T & D BENEFITS	SAVINGS	BENEFITS	BENEFITS	BENEFITS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	83	0	84	0			0	<u> </u>		(83)
2012	0	0	0	Ō	0	Ō		1	Ő	1	(00)	(82)
2013	0	0	0	0	0	23	-	1	Ő	27	27	(59)
2014	0	0	0	0	0	22		1	0	26		(38)
2015	0	0	0	0	0	22	3	1	1	26		(19)
2016	0	0	0	0	0	21	2	1	1	25		(2)
2017	0	0	0	0	0	20	2	1	1	25		14
2018	0	0	0	0	0	20	2	1	1	24		28
2019	0	• 0	0	0	0	19	2	1	1	24		41
2020	0	0	0	0	0	19	2	1	1	23	23	52
2021	0	0	0	0	0	18	2	1	1	23	23	63
2022	0	0	0	0	0	18	2	1	1	22	22	72
2023	0	0	0	0	0	17	2	2	1	22	22	81
2024	0	0	0	0	0	16	2	2	1	21	21	89
2025	0	0	0	0	0	16	2	2	1	21	21	96
2026	0	0	0	0	0	15	2	2	1	20	20	102
2027	0	0	0	0	0	15	2	2	1	20	20	108
2028	0	0	0	0	0	14	2	2	1	19	19	113
2029	0	0	0	0	0	14	2	2	1	19	19	118
2030 2031	0	0	0	0	0	14	2	2	1	19	19	122
2031	0 0	0	0	0	0	14	2	2	1	19	19	126
2032	0	0	0	0	0	13	2	2	2	19	19	130
2033	0	0	0	0	0	13	2	2	2	18	18	133
2034	0	0	0	0	0	13	2	2	2	18	18	136
2000	Ū	0	U	U	0	13	2	2	2	18	18	139
NOMINAL	0	1	83	0	84	389	47	39	24	499	415	
NPV:	0	1	83	0	84	178	21	16	8	223	139	
Discount Ra	ate	0.0799	Benefit/Cost I	Ratio - [col ((11)/col (6)]:	2.66					

TOTAL RESOURCE COST TESTS

PROGRAM: Northwest

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 16 OF 64

PSC FORM CE 2.3 Page 1 of 1 December 3, 2010

PARTICIPANT COSTS AND BENEFITS PROGRAM: Northwest

PSC FORM CE 2.4 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS										
	IN					CUSTOMER	CUSTOMER				CUMULATIVE
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	0 & M	OTHER	TOTAL	NET	DISCOUNTED
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENEFITS	NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	7	0		0			0	0		83 (41)	
2012	13	0	-	0	13		0	0		0 13	(29)
2013	14	0	-	0	14	0	0	0		0 14	(17)
2014	14	0	0	0	14	0	0	0		0 14	(6)
2015	14	0	0	0	14	0	0	0		0 14	4
2016	14	0	0	0	14	0	. 0	0		0 14	14
2017 2018	14	0	0	0	14	0	0	0		0 14	23
2018	14	0	0	0	14	0	0	0		0 14	31
2019	15 15	0	0	0	15	0	0	0		0 15	39
2020	15	0	0	0	15	0	0	0		0 15	46
2021	15	0	0	0	15	0	0	0		0 15	53
2022	15	0	0	0	15 15	0	0	0		0 15	60
2023	15	0	0	0	15	0	0	0		0 15	66
2024	16	0	0	0	15	0	0	0 0		0 15	72
2026	16	0	0	0	16	0	0	0		0 16 0 16	77
2027	16	ő	ŏ	0	16	0	0	0		0 16	82 87
2028	16	Ő	ŏ	0 0	16	0	0	0		0 16	87 91
2029	16	ō	Ő	Ő	16	0	0	0		0 16	95
2030	17	ō	Ő	Ő	17	ő	ő	0		0 17	99
2031	17	Ō	Ō	Ō	17	ő	õ	0 0		0 17	103
2032	17	0	Ō	Ō	17	õ	ŏ	ő		0 17	105
2033	17	0	0	0	17	Ō	Ō	Ő		0 17	109
2034	17	0	0	0	17	Ō	Ō	Ō		0 17	112
2035	18	0	0	0	18	0	Ō	Ō		0 18	115
NOMINAL	377	0	35	0	412	83	0	0		83 329	
NPV:	163	0	35	0	198	83	0	0		83 115	
In service year of gen unit:		2013									

29

RATE IMPACT TEST PROGRAM: Northwest

PSC FORM CE 2.5 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	35	7	0	43		0				(42)	(42)
2012	0	0	0	13	0	13	1	0	0	0	1	(12)	(53)
2013	0	0	0	14	0	14	24	3	0	0	27	ົ13໌	(42)
2014	0	0	0	14	0	14	24	3	0	0	26	12	(32)
2015	0	0	0	14	0	14		3	0	1	26	12	(23)
2016	0	0	0	14	0	14		2	0	1	25	11	(16)
2017	0	0	0	14	0	14	22	2	0	1	25	11	(9)
2018	0	0	0	14	0	14		2	0	1	24	10	(3)
2019	0	0	0	15	0	15	21	2	0	1	24	9	2
2020	0	0	0	15	0	15		2	-	1	23	8	6
2021	0	0	0	15	0	15		2	-	1	23	8	9
2022	0	0	0	15	0	15		2	0	1	22	7	12
2023	0	0	0	15	0	15		2	0	1	22	6	15
2024	0	0	0	15	0	15		2	0	1	21	6	17
2025	0	0	0	16	0	16		2	0	1	21	5	19
2026	0	0	0	16	0	16		2	0	1	20	4	20
2027	0	0	0	16	0	16	17	2	0	1	20	4	21
2028	0	0	0	16	0	16		2	0	1	19	3	22
2029	0	0	0	16	0	16	16	2	0	1	19	3	23
2030	0	0	0	17	0	17	16	2	0	1	19	2	23
2031	0	0	0	17	0	17	15	2	0	1	19	2	23
2032	0	0	0	17	0	17	15	2	0	2	19	2	24
2033	0	0	0	17	0	17	15	2	0	2	18	1	24
2034	0	0	0	17	0	17	15	2	0	2	18	1	24
2035	0	0	0	18	0	18	15	2	0	2	18	1	24
NOMINAL	0	1	35	377	0	413	428	47	0	24	499	86	
NPV:	0	1	35	163	0	199	194	21	0	8	223	24	
Discount ra	ite:		0.0799		Benefit/Cos	st Ratio - [c	ol (12)/col (7)]:		1.12				

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 18 OF 64

30

INPUT DATA - PART 1 PROGRAM TITLE: Tampa Palms

	_				PSC FORM C	E 1.1
	F	ROGRAM TITLE: Tampa Palms			PAGE 1 OF 1	
					RUN DATE:	December 3, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS. & DIST COSTS		
I.	(1) CUSTOMER KW REDUCTION AT THE METER	179.37 KW /CUST	IV.	(1) BASE YEAR	2011	
Ι.	(2) GENERATOR KW REDUCTION PER CUSTOMER	178.73 KW GEN/CUST		(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
١.	(3) KW LINE LOSS PERCENTAGE	6.5 %		(3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
Ι.	(4) GENERATION KWH REDUCTION PER CUSTOMER	29,447.98 KWH/CUST/YR		(4) BASE YEAR AVOIDED GENERATING UNIT COST	653,55	
Ι.	(5) KWH LINE LOSS PERCENTAGE	5.8 %		(5) BASE YEAR AVOIDED TRANSMISSION COST		\$/KW
Ι.	(6) GROUP LINE LOSS MULTIPLIER	1		(6) BASE YEAR DISTRIBUTION COST		\$/KW
1.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR	IV.	(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.1	
1.	(8)* CUSTOMER KWH REDUCTION AT METER	27,740 KWH/CUST/YR		(8) GENERATOR FIXED O & M COST		\$/KW/YR
				(9) GENERATOR FIXED O&M ESCALATION RATE	2.1	
	ECONOMIC LIFE & K FACTORS			(10) TRANSMISSION FIXED O & M COST		\$/KW/YR
11.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS	IV.	(11) DISTRIBUTION FIXED O & M COST		\$/KW/YR
li.	(2) GENERATOR ECONOMIC LIFE	25 YEARS		(12) T&D FIXED O&M ESCALATION RATE	2.1	
11.	(3) T & D ECONOMIC LIFE	25 YEARS	IV.	(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379	CENTS/KWH
И.	(4) K FACTOR FOR GENERATION	1.5975		(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1	
П.	(5) K FACTOR FOR T & D	1.5975	IV.	(15) GENERATOR CAPACITY FACTOR	1.5	%
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0	IV.	(16) AVOIDED GENERATING UNIT FUEL COST	7.78	CENTS/KWH
ω			IV.	(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69	%
ш			IV.	(18)* AVOIDED PURCHASE CAPACITY COST PER KW	0	\$/KW/YR
	UTILITY & CUSTOMER COSTS		IV.	(19)* CAPACITY COST ESCALATION RATE	0	%
	(1) UTILITY NONRECURRING COST PER CUSTOMER	600.00 \$/CUST				
	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR				
	(3) UTILITY COST ESCALATION RATE	2.1 %				
	(4) CUSTOMER EQUIPMENT COST	90000.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %		(1) NON-FUEL COST IN CUSTOMER BILL	1.756	CENTS/KWH
	(6) CUSTOMER O & M COST	0 \$/CUST/YR	٧.	(2) NON-FUEL ESCALATION RATE	1	%
	(7) CUSTOMER O & M ESCALATION RATE	2.5 %	۷.	(3) CUSTOMER DEMAND CHARGE PER KW	10.610	\$/KW/MO
	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST	V.	(4) DEMAND CHARGE ESCALATION RATE	1	%
	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	٧.	(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT		
	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		FACTOR FOR CUSTOMER BILL	0.58	
	(11)* SUPPLY COSTS ESCALATION RATE	0 %				
	(12)* UTILITY DISCOUNT RATE	0.0799				
	(13)* UTILITY AFUDC RATE	0.0779		CALCULATED BENEFITS AND COSTS		
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	44842.50 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	3.15	
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	137	
HI.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.2538	

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 19 OF 64

PSC FORM CE 1.1

			PROGRAM:	Tampa Pal	ms							Page 1 of 1 December 3, 2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
												CUMULATIVE
	INCREASED	UTILITY	PARTICIPANT					PROGRAM				DISCOUNTED
	SUPPLY	PROGRAM	PROGRAM	OTHER	TOTAL	AVOIDED	AVOIDED	FUEL	OTHER	TOTAL	NET	NET
	COSTS	COSTS	COSTS	COSTS	COSTS	GEN UNIT	T & D	SAVINGS	BENEFITS	BENEFITS	BENEFITS	BENEFITS
	6 (000)	• (000)	• (• • • • •	• · • • • • •			BENEFITS					
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	90	0	91	0	0		-	1	(90)	
2012	0	0	0	0	0	0	0			2	2	(88)
2013 2014	0	0	0	0	0	29	3	-		34	34	(59)
2014	0	-	0	0	0	28	3			33	33	(32)
2015	•	0	0	0	0	27	3			33	33	(8)
2018	0	0	0	0	0	27	3	_		32	32	14
2017	0	0	0	0	0	26	3		1	32	32	34
2018	0	0	0	0	0	25	3	2	1	31	31	52
2019	0	0	0	0	0	24	3			30	30	68
2020	0	0	0	0	0	24	3		1	29	29	83
2021	0	0	0	0	0	23	3	2	1	29	29	97
2022	0	0	0	0	0	22 22	3 3	2	1	28	28	109
2023	0	0	0	0	0	22	3	2		28	28	120
2024	0	0	0	0	0	21	2	2	1	27	27	130
2025	0	0	0	0	0	20	2		2	26 26	26	139
2027	ő	Ő	0	0	0	19	2		2	25	26 25	147
2028	0	ő	0	0	0	18	2		2	25	25 25	154
2029	ő	ő	0	0	0	18	2	2	2	25	25 24	161 167
2030	ő	Ő	ő	0	0	18	2	2	2	24	24	107
2031	Ő	Ő	0	0	ŏ	17	2		2	24	24	172
2032	õ	õ	Ő	0	ŏ	17	2		2	24	24	182
2033	Ő	Ő	õ	Ő	ŏ	17	2	3	2	24	24	182
2034	Ō	Ő	Õ	ŏ	Õ	16	2		2	23	23	191
2035	Ō	Ő	0	Ő	Ő	16	2	3	2	23	23	194
	-	-	-	-	•		-	Ũ	~	20	25	134
NOMINAL	0	1	90	0	91	494	60	52	33	638	548	
NPV:	0	1	90	0	91	225	27	22	11	285	194	

Discount Rate

Benefit/Cost Ratio - [col (11)/col (6)]:

0.0799

TOTAL RESOURCE COST TESTS

3.15

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 20 OF 64

PSC FORM CE 2.3

32

PARTICIPANT COSTS AND BENEFITS PROGRAM: Tampa Palms

PSC FORM CE 2.4 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS										
	IN					CUSTOMER	CUSTOMER				CUMULATIVE
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	0 & M	OTHER	TOTAL	NET	DISCOUNTED
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENEFITS	NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	7	0		0		90	0	0	ç	0 (38)	(38)
2012	15	0	-	0	15	0	0	0		0 15	(24)
2013	15	0	-	0	· -	0	0	0		0 15	(11)
2014	15	0	•	0	15	0	0	0		0 15	1
2015	16	0	0	0	16	0	0	0		0 16	13
2016	16	0	0	0	16	0	0	0		0 16	24
2017 2018	16	0	v	0	16	0	0	0		0 16	34
2018	16	0	•	0	16	0	0	0		0 16	43
2019	16 16	0	0 0	0	16	0	0	0		0 16	52
2020	10	0	0	0	16	0	0	0		0 16	60
2021	17	0	0	0	17 17	0	0	0		0 17	68
2022	17	0	0	0	17	0	0	0		0 17	75
2023	17	0	0	0	17	0	0	0		0 17	82
2024	18	0	0	0	18	0	0	0		0 17	88
2026	18	0	0	0	18	0	0	0		0 18 0 18	94
2027	18	ő	Ő	0	18	0	0	0		0 18 0 18	100 105
2028	18	Ő	ŏ	Ő	18	0	0	0		0 18	105
2029	18	0	Ő	õ	18	0	0	0		0 18	115
2030	19	0	õ	õ	19	Ő	ő	0		0 19	115
2031	19	0	Ō	ō	19	õ	Ő	ů 0		0 19	123
2032	19	Ō	Ō	ō	19	Ő	Ő	Ő		0 19	123
2033	19	0	0	Ó	19	Ō	Ō	Ő		0 19	130
2034	20	0	0	0	20	0	Ō	Ō		0 20	134
2035	20	0	0	0	20	0	0	Ō		0 20	137
NOMINAL	422	0	45	0	467	90	0	0	g	0 377	
NPV:	182	0	45	0	227	90	0	0	ç	0 137	
In service year of gen unit:		2013									

RATE IMPACT TEST PROGRAM: Tampa Palms

PSC FORM CE 2.5 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS		TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	45	7	C	53	1			0		(52)	(52)
2012	0	0	0	15	C		2	0	0	0	2	(13)	(64)
2013	0	0	0	15	C		31	3	0	0	34	19	(48)
2014	0	0	0	15	0		30		0	0	33	18	(34)
2015	0	0	0	16	0		29		0	1	33	18	(21)
2016	0	0	0	16	· 0		28	3	0	1	32	17	(9)
2017	0	0	0	16	0		28	3	0	1	32	16	0
2018	0	0	0	16	0	10	27	3	•	1	31	15	9
2019 2020	0	0	0	16	Ű	16	26		0	1	30	14	17
2020	0	0	0	16 17	0	16	25		•	1	29	13	23
2021	0	0	0	17	0	17	25 24		•	1	29	12	29
2022	0	0	0	17	0	17	24 24	3	0	1	28	11	34
2023	0	0	0	17	0	17		3	0	1	28	11	38
2025	0	0	0	18	0		23 22	3	0	1	27 26	10	41
2026	0	0	0	18	0	18	22	2	0	2	26	9	44
2027	Ő	ő	0	18	0	18	22	2	•	2	20	0	47 49
2028	Ő	ő	Ő	18	0	18	21	2		2	25	7	49 51
2029	Ō	õ	Ő	18	Ő	18	20	2	-	2	23	6	52
2030	Ō	Ō	Ő	19	Ő	19	20		0	2	24	6	54
2031	0	0	Ō	19	Ō	19	20		0	2	24	5	55
2032	0	0	Ő	19	Ō	19	20	- 2	Ő	2	24	5	56
2033	0	0	0	19	0	19	19	2	õ	2	24	4	56
2034	0	0	0	20	0	20	19	2	Ő	2	23	4	57
2035	0	0	0	20	0	20	19	2		2	23	4	58
NOMINAL	0	1	45	422	0	467	546	60	0	33	638	171	
NPV:	0	1	45	182	0	227	247	27	0	11	285	58	
Discount ra	te:		0.0799		Benefit/Co	st Ratio - [c	ol (12)/col (7)]		1.25				

INPUT DATA - PART 1 PROGRAM TITLE: Erwin Votech

					PAGE I OF 1	
					RUN DATE:	December 3, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS. & DIST COSTS		
L.	(1) CUSTOMER KW REDUCTION AT THE METER	289.79 KW /CUST	iv	(1) BASE YEAR	2011	
L	(2) GENERATOR KW REDUCTION PER CUSTOMER	288.76 KW GEN/CUST		(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
i.	(3) KW LINE LOSS PERCENTAGE	6.5 %		(3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
Ë.	(4) GENERATION KWH REDUCTION PER CUSTOMER	106,233.55 KWH/CUST/YR		(4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55	
ï	(5) KWH LINE LOSS PERCENTAGE	5.8 %		(5) BASE YEAR AVOIDED GENERATING UNIT COST	27.15	
ï	(6) GROUP LINE LOSS MULTIPLIER	1		(6) BASE YEAR DISTRIBUTION COST		*
ï	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR		(7) GEN, TRAN, & DIST COST ESCALATION RATE	49.89	• • • • • •
1	(8)* CUSTOMER KWH REDUCTION AT METER	100,072 KWH/CUST/YR			2.1	
1.	(d) Oborower Revent Rebection AT METER	100,072 KWH/CUSI/TR		(8) GENERATOR FIXED O & M COST		\$/KW/YR
	ECONOMIC LIFE & K FACTORS			(9) GENERATOR FIXED O&M ESCALATION RATE	2.1	
н	(1) STUDY PERIOD FOR CONSERVATION PROGRAM			(10) TRANSMISSION FIXED 0 & M COST		\$/KW/YR
	(2) GENERATOR ECONOMIC LIFE	25 YEARS		(11) DISTRIBUTION FIXED O & M COST		\$/KW/YR
		25 YEARS		(12) T&D FIXED O&M ESCALATION RATE	2.1	
		25 YEARS		(13) AVOIDED GEN UNIT VARIABLE O & M COSTS		CENTS/KWH
		1.5975		(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1	
и.	(5) K FACTOR FOR T & D	1.5975		(15) GENERATOR CAPACITY FACTOR	1.5	
1.5	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0		(16) AVOIDED GENERATING UNIT FUEL COST		CENTS/KWH
ω				(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69	%
Л				(18)* AVOIDED PURCHASE CAPACITY COST PER KW		\$/KW/YR
	UTILITY & CUSTOMER COSTS		IV.	(19)* CAPACITY COST ESCALATION RATE	0	%
	(1) UTILITY NONRECURRING COST PER CUSTOMER	600.00 \$/CUST				
	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR				
M.	(3) UTILITY COST ESCALATION RATE	2.1 %				
	(4) CUSTOMER EQUIPMENT COST	121168.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
III.	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %	V .	(1) NON-FUEL COST IN CUSTOMER BILL	1,756	CENTS/KWH
111.	(6) CUSTOMER O & M COST	0 \$/CUST/YR	V .	(2) NON-FUEL ESCALATION RATE	1	%
Hł.	(7) CUSTOMER O & M ESCALATION RATE	2.5 %	٧.	(3) CUSTOMER DEMAND CHARGE PER KW		\$/KW/MO
HI.	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST	V.	(4) DEMAND CHARGE ESCALATION RATE		%
HI.	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %		(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT		
	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		FACTOR FOR CUSTOMER BILL	0.61	
10.	(11)* SUPPLY COSTS ESCALATION RATE	0 %			0.01	
	(12)* UTILITY DISCOUNT RATE	0.0799				
111.	(13)* UTILITY AFUDC RATE	0.0779		CALCULATED BENEFITS AND COSTS		l
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	72447.50 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	4.31	
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	4.31	
	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.2253	
		0 /0		Loy Rimi regri - Bener moost RAHO	1.2203	

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 23 OF 64

PSC FORM CE 1.1 PAGE 1 OF 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
												CUMULATIVE
	INCREASED	UTILITY	PARTICIPANT					PROGRAM				DISCOUNTED
	SUPPLY	PROGRAM	PROGRAM	OTHER	TOTAL	AVOIDED	AVOIDED	FUEL	OTHER	TOTAL	NET	NET
	COSTS	COSTS	COSTS	COSTS	COSTS	GEN UNIT BENEFITS	T & D BENEEITS	SAVINGS	BENEFITS	BENEFITS	BENEFITS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0		121	0	122	0	0	3				(119
2012	0	0	0	0	0	0	Ō	6	Ō	6	6	(113
2013	0	0	0	0	0	47	5	6	0	59	59	(63
2014	0	0	0	0	0	46	5	6	0	57	57	(17
2015	0	0	0	0	0	44	5	6	3	59	59	26
2016	0	0	0	0	0	43	5	7	3	58	58	66
2017	0	0	0	0	0	42	5	7	4	57	57	102
2018	0	0	0	0	0	40	5	7	4	56	56	134
2019	0	0	0	0	0	39	5	7	4	55	55	164
2020	0	0	0	0	0	38	5	7	4	54	54	191
2021	0	0	0	0	0	37	4	7	4	53	53	215
2022	0	0	0	0	0	36	4	7	5	52	52	237
2023	0	0	0	0	0	35	4	8	5	52	52	258
2024	0	0	0	0	0	34	4	8	5	51	51	277
2025	0	0	0	0	0	33	4	8	5	50	50	293
2026	0	0	0	0	0	32	4	8	6	49	49	309
2027	0	0	0	0	0	30	4	8	6	49	49	323
2028	0	0	0	0	0	30	4	9	6	48	48	336
2029	0	0	0	0	0	29	4	8	7	48	48	348
2030	0	0	0	0	0	28	4	9	7	48	48	359
2031	0	0	0	0	0	28	4	9	7	48	48	369
2032	0	0	0	0	0	27	3	10	8	48	48	379
2033	0	0	0	0	0	27	3	9	8	48	48	388
2034	0	0	0	0	0	27	3	9	8	48	48	396
2035	0	0	0	0	0	26	3	10	9	48	48	404
NOMINAL	0	1	121	0	122	797	96	188	119	1,201	1,079	
NPV:	0	1	121	0	122	364	43	79	39	525	404	

4.31

TOTAL RESOURCE COST TESTS

PROGRAM: Erwin Votech

PSC FORM CE 2.3 Page 1 of 1 December 3, 2010

(119) (113)

(63) (17) 26 66

102

Discount Rate

0.0799

Benefit/Cost Ratio - [col (11)/col (6)]:

PARTICIPANT COSTS AND BENEFITS PROGRAM: Erwin Votech

PSC FORM CE 2.4 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS										
	IN					CUSTOMER	CUSTOMER				CUMULATIVE
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	0 & M	OTHER	TOTAL	NET	DISCOUNTED
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENEFITS	NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	14	0	. –	0			0	0	121	(34)	(34)
2012	29	0	-	0	29		0	0	0		(7)
2013	29	0	-	0	29		0	0	0		18
2014	30	0	•	0	30		0	0	0		41
2015	30	0	•	0	30		0	0	0		64
2016	31	0	•	0	31	0	0	0	0		84
2017	31	0	•	0	31	0	0	0	0		104
2018	31	0	•	0	31	0	0	0	0		122
2019	32	0	-	0	32		0	0	0		139
2020	32	0	•	0	32		0	0	0		155
2021	33	0	•	0	33	0	0	0	0	••	171
2022	33	0	0	0	33	0	0	0	0		185
2023	34	0	0	0	34	0	0	0	0	• ·	198
2024	34	0	0	0	34	0	0	0	0	•••	211
2025	34	0	0	0	34	0	0	0	0	• ·	223
2026	35	0	0	0	35	0	0	0	0		234
2027	36	0	0	0	36	0	0	0	0		244
2028	36	0	0	0	36	0	0	0	0		254
2029	36	0	0	0	36	0	0	0	0	~~	263
2030	37	0	0	0	37	0	0	0	0	•••	271
2031	37	0	0	0	37	0	0	0	0		279
2032	38	0	0	0	38	0	0	0	0	••	287
2033	39	0	0	0	39	0	0	0	0		294
2034	39	0	-	0	39	0	0	0	0		301
2035	40	0	0	0	40	0	0	0	0	40	307
NOMINAL	830	0	72	0	902	121	0	0	121	781	
NPV:	356	0	72	0	428	121	0	0	121	307	
In service y	ear of gen unit:		2013								

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RATE IMPACT TEST PROGRAM: Erwin Votech

PSC FORM CE 2.5 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	72	14	0								(84)
2012	0	0	0	29	0	29	6	0	0	0	6	(23)	(106)
2013	0	0	0	29	0	29	53	5	0	0	59	29	(80)
2014	0	0	0	30	0	30	52	5	0	0	57	27	(59)
2015	0	0	0	30	0	30	51	5	0	3	59	29	(37)
2016	0	0	0	31	0	31	50	5	0	3	58	27	(19)
2017	0	0	0	31	0	31	48	5	0	4	57	26	(2)
2018	0	0	0	31	0	31	47	5	0	4	56	24	12
2019	0	0	•	32	0	32		5	0	4	55	23	24
2020	0	0	•	32	0	32		5	0	4	54	21	35
2021	0	0	0	33	0	33		4	0	4	53	20	44
2022	0	0	0	33	0	33	43		0	5	52	19	53
2023	0	0	0	34	0	34	42	4	0	5	52	18	60
2024	0	0	0	34	0	34	41	4	0	5	51	17	66
2025	0	0	0	34	0	34	40		0	5	50	15	71
2026	0	0	0	35	0	35	40	4	0	6	49	14	75
2027	0	0	0	36	0	36		4	0	6	49	13	79
2028	0	0	0	36	0	36	38	4	0	6	48	12	83
2029	0	0	0	36	0	36	37	4	0	7	48	11	85
2030	0	0	0	37	0	37	37	4	0	7	48	11	88
2031	0	0	0	37	0	37	37	4	0	7	48	10	90
2032	0	0	0	38	0	38	37	3	0	8	48	10	92
2033	0	0	0	39	0	39	36	3	0	8	48	9	94
2034	0	0	0	39	0	39	36	3	0	8	48	9	95
2035	0	0	0	40	0	40	36	3	0	9	48	8	97
NOMINAL	0	1	72	830	0	903	986	96	0	119	1,201	297	
NPV:	0	1	72	356	0	429	443	43	0	39	525	97	
Discount ra	te:		0.0799		Benefit/Co	st Ratio - [c	ol (12)/col (7)]	:	1.23				

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 26 OF 64

INPUT DATA - PART 1 PROGRAM TITLE: BT Washington

			••		FAGETOFT	
					RUN DATE:	December 3, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS. & DIST COSTS		
Ι.	(1) CUSTOMER KW REDUCTION AT THE METER	128.12 KW /CUST	IV.	(1) BASE YEAR	2011	
I.	(2) GENERATOR KW REDUCTION PER CUSTOMER	127.66 KW GEN/CUST	IV.	(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
١.	(3) KW LINE LOSS PERCENTAGE	6.5 %		(3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
1.	(4) GENERATION KWH REDUCTION PER CUSTOMER	11,097.66 KWH/CUST/YR		(4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55	\$/KW
I.	(5) KWH LINE LOSS PERCENTAGE	5.8 %		(5) BASE YEAR AVOIDED TRANSMISSION COST	27.15	
I.	(6) GROUP LINE LOSS MULTIPLIER	1		(6) BASE YEAR DISTRIBUTION COST	49.89	
I.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR		(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.1	
1.	(8)* CUSTOMER KWH REDUCTION AT METER	10,454 KWH/CUST/YR		(8) GENERATOR FIXED O & M COST		\$/KW/YR
				(9) GENERATOR FIXED O&M ESCALATION RATE	2.1	• • • • • • • • • •
	ECONOMIC LIFE & K FACTORS			(10) TRANSMISSION FIXED O & M COST		\$/KW/YR
П.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS		(11) DISTRIBUTION FIXED O & M COST		\$/KW/YR
П.	(2) GENERATOR ECONOMIC LIFE	25 YEARS		(12) T&D FIXED O&M ESCALATION RATE	2.1	
П.	(3) T & D ECONOMIC LIFE	25 YEARS		(13) AVOIDED GEN UNIT VARIABLE O & M COSTS		CENTS/KWH
11.	(4) K FACTOR FOR GENERATION	1.5975		(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1	
H.	(5) K FACTOR FOR T & D	1.5975		(15) GENERATOR CAPACITY FACTOR	1.5	
• •	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0		(16) AVOIDED GENERATING UNIT FUEL COST		CENTS/KWH
ω				(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69	
Ŭ				(18)* AVOIDED PURCHASE CAPACITY COST PER KW		\$/KW/YR
	UTILITY & CUSTOMER COSTS			(19)* CAPACITY COST ESCALATION RATE	0	• · · · · · · · · · ·
HI.	(1) UTILITY NONRECURRING COST PER CUSTOMER	600.00 \$/CUST		· · · · · · · · · · · · · · · · · · ·	•	
HI.	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR				
JII.	(3) UTILITY COST ESCALATION RATE	2.1 %				
111.	(4) CUSTOMER EQUIPMENT COST	90000.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
HI.	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %	v	(1) NON-FUEL COST IN CUSTOMER BILL	1 756	CENTS/KWH
	(6) CUSTOMER O & M COST	0 \$/CUST/YR		(2) NON-FUEL ESCALATION RATE	1.750	
HI.	(7) CUSTOMER O & M ESCALATION RATE	2.5 %		(3) CUSTOMER DEMAND CHARGE PER KW		% \$/KW/MO
	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST		(4) DEMAND CHARGE ESCALATION RATE	10.010	
	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %		(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT	'	70
- HL	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR	••	FACTOR FOR CUSTOMER BILL	0.76	
111.	(11)* SUPPLY COSTS ESCALATION RATE	0 %			0.70	
	(12)* UTILITY DISCOUNT RATE	0.0799				
	(13)* UTILITY AFUDC RATE	0.0779		CALCULATED BENEFITS AND COSTS		
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	32030.00 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	2.13	
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	- 2.13	
	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.0137	
					1.0107	

PSC FORM CE 1.1

PAGE 1 OF 1

			TOTAL RE PROGRAM:			TS						PSC FORM CE 2.3 Page 1 of 1 December 3, 2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	PARTICIPANT PROGRAM COSTS	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT BENEFITS	AVOIDED T&D BENEFITS	PROGRAM FUEL SAVINGS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0		90	0) (90
2012	0	0	0	0	0	0	0	1	0	1	່ 1	(90
2013	0	0	0	0	0		2	1	0	24	24	
2014	0	0	0	0	0		2		0			
2015	0	0	0	0	0		2		0	23		
2016	0	0	0	0	0		2		0	22		
2017	0	0	0	0	0		2		0	22		(5
2018	0	0	0	0	0		2		0	21	21	7
2019	0	0	0	0	0		2		0	21	21	18
2020	0	0	0	0	0		2		0	20		
2021	0	0	0	0	0		2		0	20		
2022	0	0	0	0	0	. +	2		0	19		
2023	0	0	0	0	0		2		1	19		
2024	0	0	0	0	0		2		1	18		
2025	0	0	0	0	0		2		1	18		
2026	0	0	0	0	0		2		1	17		71
2027	0	0	0	0	0		2		1	17		76
2028	0	0	0	0	0		2		1	16		
2029	0	0	0	0	0	• -	2		1	16		
2030	0	0	0	0	0		2		1	16		88
2031 2032	0	0	0	0	0		2		1	16	-	
2032	0	0	0	0	0		2		1	16		94
	0	0	0	0	0	. –	2		1	15		97
2034 2035	0	0	0	0	0		2		1	15		
2035	U	0	0	0	0	12	1	1	1	15	15	102
NOMINAL	0	1	90	0	91	353	43	20	12	428	337	,
NPV:	0	1	90	0	91	161	19	8	4	193	102	2
D: D						_						

TOTAL RESOURCE COST TESTS

Discount Rate

0.0799 Benefit/Cost Ratio - [col (11)/col (6)]: 2.13

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 28 OF 64

PSC FORM CE 2.3

(90) (90) (69)

PARTICIPANT COSTS AND BENEFITS PROGRAM: BT Washington

PSC FORM CE 2.4 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS										
	IN					CUSTOMER	CUSTOMER				CUMULATIVE
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	0 & M	OTHER	TOTAL	NET	DISCOUNTED
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENEFITS	NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	6	0	32	0		90	0	0	9	90 (51)	(51)
2012	13	0	0	0	13	0	0	0		0 13	(39)
2013	13	0	0	0	13	0	0	0		0 13	(28)
2014	13	0	0	0	13	0	0	0		0 13	(17)
2015	14	0	0	0	14	0	0	0		0 14	(7)
2016 2017	14	0	0	0	14	0	0	0		0 14	2
2017	14	0	0	0	14	0	0	0		0 14	11
2018	14 14	0	0	0	14	0	0	0		0 14	19
2019	14	0	0	0	14	0	0	0		0 14	26
2020	14	0	0	0	14 14	0	0	0		0 14	34
2021	14	0	0	0	14	0	0	0		0 14	40
2022	15	0	0	0	15	0	0	0		0 15	47
2024	15	0	0	0	15	0	0	0		0 15 0 15	52
2025	15	0	0	0	15	0	0	0		0 15 0 15	58
2026	15	ő	ŏ	0	15	0	0	0		0 15	63
2027	15	ő	ŏ	0	15	0	0	0		0 15	68 72
2028	16	Ő	õ	Ő	16	0	ů 0	0		0 16	72
2029	16	0	Ő	õ	16	ů 0	Ő	Ő		0 16	81
2030	16	Ō	Ō	Ő	16	0 0	Ő	Ő		0 16	84
2031	16	0	0	Ō	16	Ō	õ	Ő		0 16	88
2032	16	0	0	0	16	Ō	Ō	0		0 16	91
2033	16	0	0	0	16	0	0	Ō		0 16	94
2034	17	0	0	0	17	0	0	0		0 17	97
2035	17	0	0	0	17	0	0	0		0 17	99
NOMINAL	364	0	32	0	396	90	0	0	g	0 306	
NPV:	157	0	32	0	189	90	0	0	ç	99	
In service y	ear of gen unit:		2013								

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 29 OF 64

RATE IMPACT TEST PROGRAM: BT Washington

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS		TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	ĩ		6	0			0		0		(39)	(39)
2012	0	0	0	13	0	13		0	0	0	1	(12)	(50)
2013	0	0	0	13	0	13		2	0	0	24	11	(41)
2014	0	0	0	13	0	13		2	•	0	23	10	(33)
2015	0	0	0	14	0	14	20	2	0	0	23	9	(27)
2016	0	U	0	14	0	14	20	2	0	0	22	9	(21)
2017 2018	0	U	0	14	0	14	19	2	-	0	22	8	(16)
2018	0	0	0	14	0	14	19	2	-	0	21	7	(12)
2019	0	0	0	14 14	0	14	18	2	U	0	21	6	(8)
2020	0	0	0	14	0	14 14	18 17	2	0	0	20	6	(5)
2022	0	0	0	14	0	14		2	-	0	20 19	5	(3)
2023	0	0	0	15	0	15		2	-	0	19	4	(1) 0
2024	ŏ	ő	0	15	0	15		2		1	19	4	0
2025	õ	Ő	õ	15	0	15	15	2		1	18	3	2
2026	õ	õ	õ	15	0	15		2		1	10	3	2
2027	Ō	Ō	Ō	15	Ő	15		2		1	17	1	3
2028	0	Ō	Ő	16	0	16	14	2	-	1	16	1	J 4
2029	0	0	Ō	16	ō	16	14	2	-	1	16	ò	4
2030	0	0	0	16	Ő	16	14	2		1	16	(0)	4
2031	0	0	0	16	0	16	13	2		1	16	(0)	4
2032	0	0	0	16	0	16	13	2	Ō	1	16	(1)	3
2033	0	0	0	16	0	16	13	2	0	1	15	(1)	3
2034	0	0	0	17	0	17	13	2	0	1	15	(1)	3
2035	0	0	0	17	0	17	13	1	0	1	15	(2)	3
NOMINAL	0	1	32	364	0	396	373	43	0	12	428	31	
NPV:	0	1	32	157	0	190	169	19	0	4	193	3	
Discount ra	te:		0.0799		Benefit/Co	st Ratio - [c	ol (12)/col (7)]:		1.01				

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 30 OF 64

INPUT DATA - PART 1 PROGRAM TITLE: Yates

	DDC	GRAM TITLE: Yates				E 1.1
		ORAM TITLE. Tates			PAGE 1 OF 1	.
					RUN DATE:	December 3, 2010
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS, & DIST COSTS		
I.	(1) CUSTOMER KW REDUCTION AT THE METER	232.75 KW /CUST	N/	(1) BASE YEAR	2011	
1.	(2) GENERATOR KW REDUCTION PER CUSTOMER	231.92 KW GEN/CUST			2011	
ï	(3) KW LINE LOSS PERCENTAGE	6.5 %		(3) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
ï	(4) GENERATION KWH REDUCTION PER CUSTOMER	- KWH/CUST/YR		(4) BASE YEAR AVOIDED GENERATING UNIT COST		
ï	(5) KWH LINE LOSS PERCENTAGE	5.8 %		(5) BASE YEAR AVOIDED GENERATING UNIT COST	653.55	
	(6) GROUP LINE LOSS MULTIPLIER	5.8 78		(6) BASE YEAR DISTRIBUTION COST	27.15	
ï	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	27.213 KWH/CUST/YR			49.89	
ï	(8)* CUSTOMER KWH REDUCTION AT METER	- KWH/CUST/YR		(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.1	
	(b) OUGTOMER RATINEBOOTION AT METER	- KWH/CUSI/TR		(8) GENERATOR FIXED O & M COST		\$/KW/YR
	ECONOMIC LIFE & K FACTORS			(9) GENERATOR FIXED O&M ESCALATION RATE	2.1	
п	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS		(10) TRANSMISSION FIXED O & M COST (11) DISTRIBUTION FIXED O & M COST		\$/KW/YR
л.	(2) GENERATOR ECONOMIC LIFE	25 YEARS				\$/KW/YR
	(3) T & D ECONOMIC LIFE	25 YEARS		(12) T&D FIXED O&M ESCALATION RATE	2.1	
	(4) K FACTOR FOR GENERATION	1.5975		(13) AVOIDED GEN UNIT VARIABLE O & M COSTS		CENTS/KWH
	(5) K FACTOR FOR T & D	1.5975		(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1	
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1:5975			1.5	
4		U		(16) AVOIDED GENERATING UNIT FUEL COST		CENTS/KWH
- 75				(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69	
ω	UTILITY & CUSTOMER COSTS			(18)* AVOIDED PURCHASE CAPACITY COST PER KW		\$/KW/YR
ы	(1) UTILITY NONRECURRING COST PER CUSTOMER	600.00 \$/CUST	IV.	(19)* CAPACITY COST ESCALATION RATE	0	%
	(2) UTILITY RECURRING COST PER CUSTOMER					
	(3) UTILITY COST ESCALATION RATE	- \$/CUST/YR 2.1 %				
	(4) CUSTOMER EQUIPMENT COST	105000.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %		(1) NON-FUEL COST IN CUSTOMER BILL	1.756	CENTS/KWH
	(6) CUSTOMER O & M COST	0 \$/CUST/YR		(2) NON-FUEL ESCALATION RATE	1	
	(7) CUSTOMER O & M ESCALATION RATE	2.5 %		(3) CUSTOMER DEMAND CHARGE PER KW	10.610	\$/KW/MO
	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST		(4) DEMAND CHARGE ESCALATION RATE	1	%
	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	V.	(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT		
	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		FACTOR FOR CUSTOMER BILL	0.61	
	(11)* SUPPLY COSTS ESCALATION RATE	0 %				
	(12)* UTILITY DISCOUNT RATE	0.0799				
	(13)* UTILITY AFUDC RATE	0.0779		CALCULATED BENEFITS AND COSTS		
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	58187.50 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	3.10	
	(15)* UTILITY RECURRING REBATE/INCENTIVE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	160	
UI.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.2204	

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 31 OF 64

PSC FORM CE 1.1

			TOTAL RE PROGRAM:		OST TEST	rs						PSC FORM CE 2.3 Page 1 of 1 December 3, 2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
I	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	PARTICIPANT PROGRAM COSTS	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT BENEFITS	AVOIDED T & D	PROGRAM FUEL SAVINGS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	105	0	106	0	<u> </u>		<u> </u>	<u> </u>	(106)	
2012	0	0	0	0	0	0	0	0	0	Ō	0	(106)
2013	0	0	0	0	0	38	4	0	0	42	42	(70)
2014	0	0	0	0	0	37	4	0	0	41	41	(37)
2015	0	0	0	0	0	35	4	0	0	40	40	(8)
2016	0	0	0	0	0	34	4	0	0	38	38	18
2017 2018	0	0	0	0	0	33	4	0	0	37	37	42
2018	0	0	0	0	0	32 32	4	0	0	36	36	63
2010	ő	0	0	0	0	32	4	0	0 0	35	35	82
2021	ő	ŏ	0	0	0	30	4	0	0	34 33	34 33	99
2022	Ő	õ	0	0	ŏ	29	3	0	0	33	33	114 128
2023	0	Ō	0	Ő	Ő	28	3	Ő	0	31	31	120
2024	0	0	0	0	Ō	27	3	õ	ŏ	30	30	152
2025	0	0	0	0	0	26	3	Ō	Ō	29	29	162
2026	0	0	0	0	0	25	3	0	0	28	28	171
2027	0	0	0	0	0	24	3	0	0	27	27	179
2028	0	0	0	0	0	24	3	0	0	27	27	186
2029	0	0	0	0	0	23	3	0	0	26	26	193
2030	0	0	0	0	0	23	3	0	0	26	26	199
2031	0	0	0	0	0	22	3	0	0	25	25	204
2032 2033	0 0	0 0	0	0	0	22	3	0	0	25	25	209
2033	0	0	0	0 0	0	22 21	3	0	0	24	24	214
2034	0	0	0	0	0	21	3 3	0 0	0	24 24	24	218
2000	Ũ	0	0	0	U	21	3	U	U	24	24	221
NOMINAL	0	1	105	0	106	640	77	0	0	717	612	
NPV:	0	1	105	0	106	292	35	0	0	327	221	
Discount Ra	ite	0.0799	Benefit/Cost I	Ratio - [col ((11)/col (6)]	 :	3.10					

PARTICIPANT COSTS AND BENEFITS PROGRAM: Yates

PSC FORM CE 2.4 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS										
	IN					CUSTOMER	CUSTOMER				CUMULATIVE
	PARTICIPANTS	TAX	UTILITY	OTHER	TOTAL	EQUIPMENT	0 & M	OTHER	TOTAL	NET	DISCOUNTED
	BILL	CREDITS	REBATES	BENEFITS	BENEFITS	COSTS	COSTS	COSTS	COSTS	BENEFITS	NET BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	9	0	58	0		105	0	0	105	(38)	(38)
2012	18	0	0	0	18	0	0	0	0		(22)
2013	18	0	0	0	18	. 0	0	0	0	18	(7)
2014	18	0	0	0	18	0	0	0	C		8
2015	18	0	0	0	18	0	0	0	0	18	21
2016	18	0	0	0	18	0	0	0	0		33
2017	18	0	0	0	18	0	0	0	0		45
2018	18	0	0	0	18	0	0	0	0		56
2019	19	0	0	0	19	0	0	0	0		66
2020	19	0	0	0	19	0	0	0	0		75
2021	19	0	0	0	19	0	0	0	0		84
2022	19	0	0	0	19	0	0	0	0		92
2023	19	0	0	0	19	0	0	0	0		100
2024	19	0	0	0	19	0	0	0	0		107
2025	20	0	0	0	20	0	0	0	0		114
2026	20	0	0	0	20	0	0	0	0		120
2027	20	0	0	0	20	0	0	0	0		126
2028	20	0	0	0	20	0	0	0	0		131
2029	20	U	0	0	20	0	0	0	0		136
2030	20	0	0	0	20	0	0	0	0		141
2031	21	U	0	0	21	. 0	0	0	0		145
2032	21	U	0	0	21	0	0	0	0		150
2033	21	0	0	0	21	0	0	0	0		153
2034	21	0	0	0	21	0	0	0	0		157
2035	21	0	0	0	21	0	0	0	0	21	160
NOMINAL	474	0	58	0	532	105	0	0	105	427	
NPV:	207	0	58	0	265	105	0	0	105	160	
In service y	ear of gen unit:		2013								

RATE IMPACT TEST PROGRAM: Yates

PSC FORM CE 2.5 Page 1 of 1 December 3, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS		TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	0	1	••	9	0	68	0	0			0	(67)	(67)
2012	0	0	0	18	0	18	0	0	1	0	1	(18)	(84)
2013	0	0	0	19	0	19		4	1	0	43	24	(63)
2014	0	0	0	19	0	19	37	4	1	0	42	23	(45)
2015 2016	0	U	0	19	0	19	35	4	1	0	40	22	(29)
2016	0	0	0	19	0	19	34	4	1	0	39	20	(15)
2017	0	0	0	19 10	0	19	33	4	1	0	38	19	(3)
2010	0	0	0	19 20	0	19 20	32	4	1	0	37	18	7
2019	0	0	0	20	0	20	32 31	4	1	0	36	17	16
2020	0	0	0	20	0	20	30	4	1	0	35 34	15	24
2022	õ	Ő	0	20	0	20	29	4	1	0	34	14 13	31
2023	Ō	0	ů 0	20	Ő	20	28	3	1	0	33	13	36 41
2024	Ō	Ō	Ő	21	Ő	21	27	3	1	0	32	11	41
2025	0	0	Ō	21	0	21	26	3	1	0	31	10	48
2026	0	0	0	21	0	21	25	3	1	ů 0	30	9	51
2027	0	0	0	21	0	21	24	3	1	Ō	29	8	53
2028	0	0	0	21	0	21	24	3	1	Ō	28	7	55
2029	0	0	0	22	0	22	23	3	1	Ō	28	6	57
2030	0	0	0	22	0	22	23	3	1	0	27	5	58
2031	0	0	0	22	0	22	22	3	2	0	27	5	59
2032	0	0	0	22	0	22	22	3	2	0	26	4	60
2033	0	0	0	23	0	23	22	3	2	0	26	4	60
2034	0	0	0	23	0	23	21	3	2	0	26	3	61
2035	0	0	0	23	0	23	21	3	2	0	25	2	61
NOMINAL	0	1	58	503	0	562	640	77	29	0	747	185	
NPV:	0	1	58	219	0	277	292	35	11	0	339	61	
Discount ra	te:		0.0799		Benefit/Co:	st Ratio - [o	ol (12)/col (7)]:		1.22				

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 34 OF 64

INPUT DATA - PART 1 PROGRAM TITLE: Twin Lakes

					FSCFORMICE	
		PROGRAM TITLE: Twin Lakes			PAGE 1 OF 1 RUN DATE:	March 8, 2012
	PROGRAM DEMAND SAVINGS & LINE LOSSES			AVOIDED GENERATOR, TRANS. & DIST COSTS		
- I.	(1) CUSTOMER KW REDUCTION AT THE METER	301.20 KW /CUST	- IV	/. (1) BASE YEAR	2012	
Ι.	(2) GENERATOR KW REDUCTION PER CUSTOMER	300.13 KW GEN/CUST	- IV	/. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013	
Ι.	(3) KW LINE LOSS PERCENTAGE	6.5 %		/. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2013	
Ι.	(4) GENERATION KWH REDUCTION PER CUSTOMER	115.71 KWH/CUST/YR		/. (4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55 \$	6/KW
Ι.	(5) KWH LINE LOSS PERCENTAGE	5.8 %	٩V	/. (5) BASE YEAR AVOIDED TRANSMISSION COST	27.15 \$	
Ι.	(6) GROUP LINE LOSS MULTIPLIER	1		/. (6) BASE YEAR DISTRIBUTION COST	49.89 5	
- I.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR		/. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.1 9	
L.	(8)* CUSTOMER KWH REDUCTION AT METER	109 KWH/CUST/YR	- N	/. (8) GENERATOR FIXED O & M COST	20.35	KW/YR
			IV	(9) GENERATOR FIXED O&M ESCALATION RATE	2.1 9	%
	ECONOMIC LIFE & K FACTORS		IV	/. (10) TRANSMISSION FIXED O & M COST	0.72 \$	KW/YR
	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS	IV	/. (11) DISTRIBUTION FIXED O & M COST	2.84 \$	\$/KW/YR
	(2) GENERATOR ECONOMIC LIFE	25 YEARS	IV	/. (12) T&D FIXED O&M ESCALATION RATE	2.1 9	%
	(3) T & D ECONOMIC LIFE	25 YEARS	IV	/. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379 (CENTS/KWH
	(4) K FACTOR FOR GENERATION	1.5975		/. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1 9	6
И.	(5) K FACTOR FOR T & D	1.5975		/. (15) GENERATOR CAPACITY FACTOR	1.5 9	6
•	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0		/. (16) AVOIDED GENERATING UNIT FUEL COST	7.78 (CENTS/KWH
4				/. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.69 9	%
- 7				/. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$	S/KW/YR
	UTILITY & CUSTOMER COSTS		IV	/. (19)* CAPACITY COST ESCALATION RATE	0 9	6
	(1) UTILITY NONRECURRING COST PER CUSTOMER	200.00 \$/CUST				
	(2) UTILITY RECURRING COST PER CUSTOMER	- \$/CUST/YR				
	(3) UTILITY COST ESCALATION RATE	2.1 %				
	(4) CUSTOMER EQUIPMENT COST	118000.00 \$/CUST		NON-FUEL ENERGY AND DEMAND CHARGES		
	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %		. (1) NON-FUEL COST IN CUSTOMER BILL	1.756 0	CENTS/KWH
	(6) CUSTOMER O & M COST	0 \$/CUST/YR		(2) NON-FUEL ESCALATION RATE	1 9	6
	(7) CUSTOMER O & M ESCALATION RATE	2.5 %		(3) CUSTOMER DEMAND CHARGE PER KW	10.610 \$	5/KW/MO
	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST		. (4) DEMAND CHARGE ESCALATION RATE	1 9	6
	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	ν.	. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT		
	(10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		FACTOR FOR CUSTOMER BILL	0.69	
	(11)* SUPPLY COSTS ESCALATION RATE (12)* UTILITY DISCOUNT RATE	0 %				
	(12) UTILITY AFUDC RATE	0.0802				
		0.0779		CALCULATED BENEFITS AND COSTS		
	(14)* UTILITY NON RECURRING REBATE/INCENTIVE (15)* UTILITY RECURRING REBATE/INCENTIVE	82830.00 \$/CUST		(1)* TRC TEST - BENEFIT/COST RATIO	3.88	
	(15) UTILITY REBATE/INCENTIVE ESCAL RATE	- \$/CUST/YR		(2)* PARTICIPANT NET BENEFITS (NPV)	283	
	(10) CHERT REDATE/INCENTIVE ESCAL RATE	0 %		(3)* RIM TEST - BENEFIT/COST RATIO	1.1418	

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 35 OF 64

PSC FORM CE 1.1

			TOTAL RE PROGRAM:			rs						PSC FORM CE 2.3 Page 1 of 1 March 8, 2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	PARTICIPANT PROGRAM COSTS	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT BENEFITS		PROGRAM FUEL SAVINGS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS	
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2012 2013 2014	0 0 0	0 0 0	118 0 0	0 0 0	118 0 0	49 47	6 5	0 0 0	0 0 0	0 54 53	(118) 54 53	
2015	0	0	0	0	0		5		0	51	51	17
2016	0	0	0	0	0		5		0	49	49	54
2017	0	0	0	0	0		5		0	48	48	86
2018	0	0	0	0	0		5		0	47	47	116
2019	0	0	0	0	0		5		0	45	45	142
2020	0	0	0	0	0		5		0	44	44	166
2021	0	0	0	0	0		4	0	0	43	43	187
2022	0	0	0	0	0		4	0	0	42	42	206
2023	0	0	0	0	0		4	0	0	40	40	224
2024	0	0	0	0	0		4	0	0	39	39	239
2025	0	0	0	0	0		4	0	0	38	38	253
2026	0	0	0	0	0	33	4	0	0	37	37	265
2027	0	0	0	0	0	31	4	0	0	35	35	277
2028	0	0	0	0	0	30	4	0	0	34	34	287
2029	0	0	0	0	0	30	4	0	0	34	34	296
2030	0	0	0	0	0	29	4	0	0	33	33	304
2031	0	0	0	0	0	29	4	0	0	32	32	311
2032	0	0	0	0	0	28	4	0	0	32	32	318
2033	0	0	0	0	0	28	4	0	0	31	31	324
2034	0	0	0	0	0	27	3	0	0	31	31	330
2035	0	0	0	0	0	27	3	0	0	30	30	335
2036	0	0	0	0	0	27	3	0	0	30	30	340
NOMINAL	0	0	118	0	118	851	101	0	0	952	834	
NPV:	0	0	118	0	118	410	48	0	0	458	340	
Discount Ra	ate	0.0802	Benefit/Cost F	Ratio - [col ((11)/col (6)]:	3.88					

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 36 OF 64

48

					PROGRAM:			3					Page 1 of 1 March 8, 2012
	(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 ENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS
-	2012	13	0		<u> (000)</u> 0		118	0000) 0	<u>\$(000)</u>		118	<u>\$(000)</u> (22)	\$(000)
	2013	27	ő		ů 0	27	0	0	0		0	(22) 27	(22
	2014	27	Ő	-	Ő	27	ő	0	0		õ	27	26
	2015	27	0	0	0	27	ō	ō	õ		õ	27	48
	2016	28	0	0	0	28	Ō	Ō	0		õ	28	68
	2017	28	0	0	0	28	0	0	Ō		Ō	28	87
	2018	28	0	0	0	28	0	0	0		0	28	104
	2019	28	0	0	0	28	0	0	0		0	28	121
	2020	29	0	0	0	29	0	0	0		0	29	136
	2021	29	0	0	0	29	0	0	0		0	29	151
	2022	29	0	-	0	29	0	0	0		0	29	164
	2023	30	0	-	0	30	0	0	0		0	30	177
	2024	30	0	-	0	30	0	0	0		0	30	189
	2025	30	0	-	0	30	0	0	0		0	30	200
	2026	30	0	-	0	30	0	0	0		0	30	210
	2027	31	0	-	0	31	0	0	0		0	31	220
	2028	31	0	-	0	31	0	0	0		0	31	229
	2029	31	0	•	0	31	0	0	0		0	31	237
	2030	32	0	-	0	32	0	0	0		0	32	245
	2031	32	0	-	0	32	0	0	0		0	32	253
	2032	32	0	-	0	32	0	0	0		0	32	260
	2033	33	0	-	0	33	0	0	0		0	33	266
	2034	33	0	0	0	33	0	0	0		0	33	272

In service year of gen unit:

NOMINAL

NPV:

Б

PSC FORM CE 2.4

(22) 3



RATE IMPACT TEST PROGRAM: Twin Lakes

PSC FORM CE 2.5 Page 1 of 1 March 8, 2012

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS	UTILITY PROGRAM COSTS	INCENTIVES	REVENUE LOSSES	OTHER COSTS	TOTAL COSTS	AVOIDED GEN UNIT UNIT & FUEL BENEFITS	AVOIDED T&D BENEFITS	REVENUE GAINS	OTHER BENEFITS	TOTAL BENEFITS	NET BENEFITS TO ALL CUSTOMERS	CUMULATIVE DISCOUNTED NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2012	0	0	83	13	0							(96)	(96)
2013	0	0	0	27	0	27	49	6	0	0	54	27	(71)
2014	0	0	0	27	0	27		5	0	0	53	26	(49)
2015	0	0	0	27	0	27		5	0	0	51	24	(30)
2016	0	0	0	28	0	28		5	0	0	49	22	(14)
2017	0	0	0	28	0	28		5	0	0	48	20	(0)
2018	U	0	0	28	0	28		5	0	0	47	19	11
2019 2020	0	0	0	28	0	28		5	0	0	45	17	21
2020	0	0	0	29 29	0	29 29		5	0	0	44	15	29
2022	0	0	0	29	0	29		4	0	0	43 42	14	36
2023	Ő	0	0	30	0	30		4	. 0	0	42 40	12 11	42 47
2024	Ő	ő	0	30	0	30		4	0	0	40 39	11	47 50
2025	Ō	Ő	Ő	30	0	30		4	0	0	38	9	53
2026	Ō	Ō	Ő	30	ő	30		4	0	0	37	6	55
2027	0	Ō	Ō	31	0	31	31	4	õ	Ő	35	5	57
2028	0	0	0	31	0	31	30	4	Ō	ō	34	3	58
2029	0	0	0	31	0	31	30	4	Ō	ō	34	2	58
2030	0	0	0	32	0	32		4	0	0	33	1	59
2031	0	0	0	32	0	32	29	4	0	0	32	1	59
2032	0	0	0	32	0	32	28	4	0	0	32	(0)	59
2033	0	0	0	33	0	33	28	4	0	0	31	(1)	58
2034	0	0	0	33	0	33		3	0	0	31	(2)	58
2035	0	0	0	33	0	33		3		0	30	(3)	57
2036	0	0	0	34	0	34	27	3	0	0	30	(4)	57
NOMINAL	0	0	83	734	0	817	851	101	0	0	952	135	
NPV:	0	0	83	318	0	401	410	48	0	0	458	57	
Discount ra	ite:		0.0802	,	Benefit/Co	st Ratio - [c	ol (12)/col (7)]:		1.14				

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 38 OF 64

50

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 39 OF 64

Program Description and Progress

Program Title:	<u>Duct Repair</u>
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 Accomplishments:	January 1, 2012 to <u>December 31, 2012</u> In this reporting period 2,272 customers have participated.
Program Fiscal Expenditures:	<u>January 1, 2012</u> to <u>December 31, 2012</u> Actual expenses were \$534,481.

Program Progress Summary: Through this reporting period 92,620 customers have participated.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 40 OF 64

Program Description and Progress

Program Title:	Renewable Energy Initiative

Program Description: This is a program designed to assist in the delivery of renewable energy for the company's Renewable Energy Program. This specific effort provides funding for program administration, evaluation and market research.

Program Accomplishments: January 1, 2012 to December 31, 2012

Net customers discontinued – 175 Net blocks of energy discontinued – 296 One time blocks of energy sold - 626

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$36,107.

Program Progress Summary: Through this reporting period 2,258 customers are participating purchasing a total of 3,239 blocks of energy.

Program Description and Progress

	Program Title:	Renewable Energy Systems Initiative (Pilot)
	Program Description:	This is a five-year renewable energy pilot program that uses rebates and incentives to encourage the following: 1) the installation of solar photovoltaic ("PV") on existing and new residential and commercial premises; 2) the installation of solar water heating ("SWH") technologies on existing and new residential premises; 3) the installation of PV on emergency shelter schools coupled with an educational component for teachers and students; and 4) the installation of SWH on low income housing done in partnership with local non-profit building organizations.
	Program Accomplishments:	January 1, 2012 to December 31, 2012
		Number of systems installed:
<u>.</u>		Residential PV - 63 Commercial PV - 7 School PV - 1 Residential SWH - 25 Low-income SWH - 5
	Program Fiscal Expenditures:	January 1, 2012 to December 31, 2012
		Actual expenses were \$1,625,597.
	Program Progress Summary:	Through this reporting period the following renewable measures have been installed:
		Residential PV - 112 Commercial PV - 15 School PV - 2 Residential SWH - 71 Low-income SWH - 7

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 42 OF 64

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 Accomplishments: January 1, 2012 to December 31, 2012 No new customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$19,226,361.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2012, assessments indicated an opportunity for customer participation; therefore, the associated GSLM 2 & 3 tariffs were opened to new participants.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate riders with expenses recovered through the ECCR clause.

54

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 43 OF 64

Program Description and Progress

Program Title: <u>DSM Research and Development (R&D)</u>

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 Accomplishments: January 1, 2012 to December 31, 2012

There were no new DSM R&D activities during this reporting period.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u> There were no new DSM R&D expenses during this reporting period.

Program Progress Summary: For 2012, Tampa Electric had no new activity in DSM R&D.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 44 OF 64

Program Description and Progress

Program Title:	Commercial Cooling
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Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion (DX) commercial air conditioning equipment.

Program Accomplishments: January 1, 2012 to December 31, 2012

In this reporting period 58 units were installed.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$26,031.

Program Progress Summary: Through this reporting period 1,483 approved units have been installed.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 45 OF 64

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 Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u> In this reporting period 1,720 homes qualified.
Program Fiscal Expenditures:	<u>January 1, 2012</u> to <u>December 31, 2012</u> Actual expenses were \$1,581,436.
Program Progress Summary:	Through this reporting period 4,616 approved homes have participated.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 46 OF 64

Program Description and Progress

Program Title:	Common Expenses
Program Description:	These are expenses common to all programs.
Program Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u> N/A
Program Fiscal Expenditures:	<u>January 1, 2012</u> to <u>December 31, 2012</u> Actual expenses were \$737,988.

Program Progress Summary: N/A

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 47 OF 64

Program Description and Progress

Program Title: <u>Price Responsive Load Management</u>

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

Program Accomplishments: <u>January 1, 2012</u> to <u>December 31, 2012</u>

There were 109 net customers that were added during this reporting period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$3,561,102.

Program Progress Summary: Through this reporting period 1,946 customers are participating in the program.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 48 OF 64

Program Description and Progress

Program Title: <u>Residential Building Envelope Improvement</u>

Program Description: This program is designed to save demand and energy by decreasing the load on residential air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation, window replacement and window film.

Program Accomplishments: January 1, 2012 to December 31, 2012

Number of installations completed:

Ceiling insulation installed – 11,367 Exterior wall insulation installed – 13 Window replacement installations – 1,135 Window film installations – 411

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$3,115,913.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 101,534 Exterior wall insulation – 36 Window replacement – 5,515 Window film – 2,178

60

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 49 OF 64

Program Description and Progress

Program Title:	Residential Electronic Commutated Motors
Program Description:	This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the replacement of the existing motor in the air-handler with an Electronically Commutated Motor.
Program Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u> No new customers qualified for participation during this reporting period.
Program Fiscal Expenditures:	<u>January 1, 2012</u> to <u>December 31, 2012</u> Actual expenses were \$2,580.
Program Progress Summary:	Expenses incurred were associated with administration and participation protocols.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 50 OF 64

Program Description and Progress

Program Title: <u>Energy Education Outreach</u>

Program Description: This program is designed to save demand and energy by increasing customer awareness of available conservation measures and practices that can reduce their energy use. The program is aimed at establishing opportunities for engaging groups of customers and students, in energy-efficiency related discussions in organized settings.

Program Accomplishments: January 1, 2012 to December 31, 2012

In this reporting period Tampa Electric partnered with 11 local schools to present Energy Education to 2,525 students through 66 classroom presentations. In addition, the company gave 11 presentations to civic organizations and distributed 434 energy saving kits to participating customers.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$92,720.

Program Progress Summary: Through this reporting period Tampa Electric has partnered with 91 local schools to present Energy Education to 29,115 students. In addition, the company gave 13 presentations to civic organizations that generated 315 customer assisted audits and distributed 588 energy saving kits to participating customers.

62

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 51 OF 64

Program Description and Progress

Program Title:	Residential HVAC Re-commissioning
Program Description:	This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage customers to maintain and tune-up HVAC equipment.
Program Accomplishments:	January 1, 2012 to <u>December 31, 2012</u> There were 671 customers that participated during
	this reporting period.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$113,524.

Program Progress Summary:	Through this	reporting	period	671	customers	have
	participated.					

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 52 OF 64

Program Description and Progress

Program Title:	Residential Low-Income Weatherization
Program Description:	This program is designed to save demand and energy by decreasing the energy consumption at a residence. Aimed at low-income customers, energy efficient measures will be provided at no cost to qualified customers (where applicable).
Program Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u> There were 3,387 customers who participated in the program during this period.
Program Fiscal Expenditures:	January 1, 2012 to December 31, 2012 Actual expenses were \$1,041,676.

Program Progress Summary: Through this reporting period 3,768 customers have participated in the program.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 53 OF 64

Program Description and Progress

Program Title: <u>Commercial Duct Repair</u>

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

Program Accomplishments:

January 1, 2012 to December 31, 2012

In this reporting period 643 customers have participated in the program.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$101,182.

Program Progress Summary: Through this reporting period 10,029 customers have participated in the program.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 54 OF 64

Program Description and Progress

Program Title: <u>Commercial Energy Recovery Ventilation</u>

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the installation of energy recovery ventilation systems that reduce humidity and HVAC loads in buildings.

 Program Accomplishments:
 January 1, 2012 to December 31, 2012

 No customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$201.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 55 OF 64

Program Description and Progress

Program Title: <u>Commercial Building Envelope Improvement</u>

Program Description: This program is designed to save demand and energy by decreasing the load on air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation and window film.

Program Accomplishments: January 1, 2012 to December 31, 2012

Number of installations completed:

Ceiling insulation installed – 79 Roof insulation - 0 Exterior wall insulation installed – 1 Window film installations – 16

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$126,183.

Program Progress Summary: Through this reporting period the following measures have been installed: Ceiling insulation – 122 Roof insulation - 0

Exterior wall insulation – 2 Window film – 66

67

Program Description and Progress

Program Title: <u>Commercial Efficient Motors</u>

Program Description: This program is designed to encourage commercial/industrial customers to install premiumefficiency motors in new or existing facilities through incentives. 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 Accomplishments: <u>January 1, 2012</u> to <u>December 31, 2012</u>

In this reporting period one customer has participated in the program.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$731.

Program Progress Summary: Through this reporting period 116 customers have participated in the program.

Program Description and Progress

Program Title: <u>Commercial Demand Response</u>

- Program Description: This program is intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company has contracted for a turn-key program that will induce commercial and industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.
- Program Accomplishments: January 1, 2012 to December 31, 2012

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$3,253,265.

Program Progress Summary: Through this reporting period the company's vendor maintains a portfolio of participating customers providing an available total of 38 MW for control.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 58 OF 64

Program Description and Progress

Program Title:	Commercial Chillers
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Program Description: This is an incentive program to encourage the installation of high efficiency cooling equipment that exceeds minimum product manufacturing standards.

Program Accomplishments:	<u>January 1, 2012</u> to <u>December 31, 2012</u>

There were four customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$29,895.

Program Progress Summary: Through this reporting period 31 customers have participated in the program.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 59 OF 64

Program Description and Progress

Program Title:	Commercial Occupancy Sensors

Program Description: This is an incentive program to encourage the installation of occupancy sensors in any area where indoor lights would be used on peak.

Program Accomplishments: January 1, 2012 to December 31, 2012 There were 11 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$29,001.

Program Progress Summary: Through this reporting period 113 customers have participated in the program.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 60 OF 64

Program Description and Progress

Program Title:	Commercial Refrigeration (Anti-Condensate)
Program Description:	This is an incentive program to encourage the installation of efficient refrigeration controls and equipment.

Program Accomplishments:January 1, 2012 to December 31, 2012For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$104.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 61 OF 64

Program Description and Progress

Program Title: <u>Commercial Water Heating</u>

Program Description: This program is designed to encourage commercial/industrial customers to install high efficiency water heating systems. The two technologies covered under this program are heat recovery units and heat pump water heaters.

Program Accomplishments:	January 1, 2012 to December 31, 201		

For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$104.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 62 OF 64

Program Description and Progress

Program Title: <u>Commercial HVAC Re-commissioning</u>

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage customers to maintain and tune-up HVAC equipment.

Program Accomplishments:January 1, 2012 to December 31, 2012There were 87 customers that participated during this reporting period.

Program Fiscal Expenditures: January 1, 2012 to December 31, 2012

Actual expenses were \$35,920.

Program Progress Summary: Through this reporting period 87 customers have participated.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 63 OF 64

Program Description and Progress

Program Title: <u>Commercial Electronic Commutated Motors</u>

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the replacement of the existing motor in air-handlers and refrigeration systems with Electronically Commutated Motors.

Program Accomplishments: January 1, 2012 to December 31, 2012

No customers qualified for participation during this reporting period.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$310.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

DOCKET NO. 130002-EG FINAL ECCR 2012 TRUE-UP EXHIBIT HTB-1, SCHEDULE CT-6, PAGE 64 OF 64

Program Description and Progress

Program Title:	Commercial Cool Roof

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the installation of cool roof systems above conditioned spaces.

Program Accomplishments: January 1, 2012 to December 31, 2012 In this reporting period 49 customers have participated.

Program Fiscal Expenditures: <u>January 1, 2012</u> to <u>December 31, 2012</u>

Actual expenses were \$425,002.

Program Progress Summary: Through this reporting period 74 customers have participated in the program.