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ORIGINAL

MAY 14 PM 4:26

RECORDS AND REPORTING

May 14, 1999

HAND DELIVERED

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Conservation Cost Recovery Clause
FPSC Docket No. 990002-EG

Dear Ms. Bayo:

Enclosed for filing in the above docket are ten (10) copies of Tampa Electric Company's Exhibit (HTB-1) entitled Schedules Supporting Conservation Cost Recovery Factor, Actual, for the period April 1998 – December 1998.

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.

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

Sincerely,

James D. Beasley
James D. Beasley

JA	<i>Under</i>	JDB/pp
JP	_____	Enclosures
AP	_____	
WU	_____	
IR	_____	cc: All Parties of Record (w/enc.)
AG	<i>Ballinger</i>	
EG	<i>1</i>	
AS	<i>3707</i>	
PC	_____	
RR	_____	
EC	<i>1</i>	
VAW	_____	
ITH	_____	

DOCUMENT NUMBER-DATE

~~06160 MAY 14 1999~~

FPSC-RECORDS/REPORTING

EXHIBIT NO. _____
DOCKET NO. 990002-EG
TAMPA ELECTRIC COMPANY
(HTB-1)
SUBMITTED FOR FILING 05/14/99

ORIGINAL

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING CONSERVATION
COST RECOVERY FACTOR
ACTUAL
April 1998 - December 1998

DOCUMENT NUMBER-DATE

06162 MAY 14 8

FILED RECORDS (RECORDING)

CONSERVATION COST RECOVERY

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TAMPA ELECTRIC COMPANY
Energy Conservation
Adjusted Net True-up
For Months April 1998 through December 1998

End of Period True-up

Principal	2,404,433	
Interest	<u>81,206</u>	2,485,639

Less: Projected True-up

(Last Projected Hearing Conservation)

Principal	2,673,734	
Interest	<u>81,174</u>	2,754,908

Adjusted Net True-up

(269,269)

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SCHEDULE CT-2
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TAMPA ELECTRIC COMPANY
 Analysis of Energy Conservation Program Costs
 Actual vs. Projected
 For Months April 1998 through December 1998

<u>Description</u>	(A) <u>Actual</u>	(B) <u>Projected</u>	(C) <u>Difference</u>
1. Capital Investment	\$870,778	\$874,706	(\$3,928)
2. Payroll	1,630,168	\$1,827,520	(197,352)
3. Materials and Supplies	305,607	\$340,572	(34,965)
4. Outside Services	824,767	\$698,354	126,413
5. Advertising	382,201	\$219,140	163,061
6. Incentives	11,185,671	\$10,677,286	508,385
7. Vehicles	119,917	\$124,135	(4,218)
8. Other	<u>49,496</u>	<u>37,977</u>	<u>11,519</u>
9. Subtotal	15,368,605	14,799,690	568,915
10. Less: Program Revenues	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Program Costs	15,368,605	14,799,690	568,915
12. Adjustments	0	0	0
13. Beginning of Period True-up Overrecovery	(975,858)	(975,858)	0
14. Amounts included in Base Rates	0	0	0
15. Conservation Adjustment Revenues	<u>(16,797,180)</u>	<u>(16,497,566)</u>	<u>(299,614)</u>
16. True-up Before Interest	2,404,433	2,673,734	(269,301)
17. Interest Provision	<u>81,206</u>	<u>81,174</u>	<u>32</u>
18. End of Period True-up	<u>\$2,485,639</u>	<u>\$2,754,908</u>	<u>(\$269,269)</u>

TAMPA ELECTRIC COMPANY
Actual Conservation Program Costs per Program
Actual for Months April 1998 through December 1998

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling	0	48,908	0	30,144	202,504	2,242,350	393	0	0	2,524,299
2. Prime Time	868,637	585,803	141,564	98,297	18,683	6,908,354	48,141	32,626	0	8,702,105
3. Energy Audits	0	487,523	1,603	369,030	59,293	0	44,068	6,359	0	967,876
4. Cogeneration	0	187,563	0	0	0	0	6,211	0	0	193,774
5. Ceiling Insulation	0	47,776	113	354	2,050	990,750	2,340	0	0	1,043,383
6. C & I Load Management	2,141	3,177	0	494	12,523	16,913	681	0	0	35,929
7. Commerical Lighting	0	9,396	0	0	21,448	342,839	779	0	0	374,462
8. Standby Generator	0	30,708	4,130	3,979	0	413,514	1,593	106	0	454,030
9. Conservation Value	0	2,640	0	0	0	10,582	53	0	0	13,275
10. Duct Repair	0	95,652	3,385	161,472	65,700	260,369	13,194	1,976	0	601,748
11. Builder Awareness	0	0	0	0	0	0	0	500	0	500
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D	0	10,025	154,207	77,795	0	0	388	0	0	242,415
14. Natural Gas R&D	0	65	0	78,987	0	0	0	0	0	79,052
15. Common Expenses	0	120,932	605	4,215	0	0	2,076	7,929	0	135,757
16. Total All Programs	<u>870,778</u>	<u>1,630,168</u>	<u>305,607</u>	<u>824,767</u>	<u>382,201</u>	<u>11,185,671</u>	<u>119,917</u>	<u>49,496</u>	0	<u>15,368,605</u>

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TAMPA ELECTRIC COMPANY
(HTB-1)
SCHEDULE CT-2
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TAMPA ELECTRIC COMPANY
Conservation Program Costs per Program
Variance - Actual vs. Projected
For Months April 1998 through December 1998

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling	0	(539)	(150)	22,406	31,031	2,125	(700)	0	0	54,173
2. Prime Time	(3,786)	(61,501)	(31,052)	384	8,856	196,569	(334)	2,702	0	111,838
3. Energy Audits	0	(33,739)	(1,321)	127,565	45,690	0	(1,993)	1,636	0	137,838
4. Cogeneration	0	(24,947)	0	0	0	0	1,498	0	0	(23,449)
5. Ceiling Insulation	0	2,553	0	(555)	2,050	435,450	(535)	0	0	438,963
6. C & I Load Management	(142)	(3,474)	(300)	194	12,523	(7,445)	(298)	0	0	1,058
7. Commerical Lighting	0	(6,925)	0	0	21,448	4,574	(184)	0	0	18,913
8. Standby Generator	0	(40)	458	1,414	0	(6,413)	439	106	0	(4,036)
9. Conservation Value	0	641	0	0	0	(278)	1	0	0	364
10. Duct Repair	0	(26,306)	(2,695)	9,559	41,463	(116,197)	(1,635)	546	0	(95,265)
11. Builder Awareness	0	(2,011)	0	0	0	0	(120)	(1,400)	0	(3,531)
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D	0	(5,725)	0	(38,173)	0	0	(246)	0	0	(44,144)
14. Natural Gas R&D	0	0	0	0	0	0	0	0	0	0
15. Common Expenses	0	(35,339)	95	3,619	0	0	(111)	7,929	0	(23,807)
16. Total All Programs	<u>(3,928)</u>	<u>(197,352)</u>	<u>(34,965)</u>	<u>126,413</u>	<u>163,061</u>	<u>508,385</u>	<u>(4,218)</u>	<u>11,519</u>	0	<u>568,915</u>

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TAMPA ELECTRIC COMPANY
Description for Account
For Months April 1998 through December 1998

18251	RESIDENTIAL LOAD MANAGEMENT	90870	CONSERVATION VALUE PROGRAM
18252	COMMERCIAL-INDUSTRIAL LOAD MGT	90871	RESIDENTIAL DUCT EFFICIENCY
45608	OTHER ELEC REV ENERGY ANALYSIS	90877	DEFERRED CONSERVATION EXPENSE
45609	OTHER REVENUE COMM & IND AUDIT	90878	DEFERRED CONSERVATION INTEREST
45612	OTHER REVENUE-BERS-BLDG ENERGY EFF	90879	AMORT DEFERRED CONSERVATION EXPENSE
90849	COMMON RECOVERABLE CONS COSTS	90889	NATURAL GAS R&D
90850	HEATING & COOLING PROGRAM	90890	DSM COMMERCIAL R&D
90851	PRIME TIME EXPENSES	90950	HEATING & COOLING PROG ADVERTISING
90852	RESIDENTIAL MAIL-IN AUDIT	90951	PRIME TIME ADVERTISING
90853	COMMERCIAL MAIL-IN AUDIT	90952	RESIDENTIAL MAIL-IN AUDIT - ADVERTISING
90854	COMPREHENSIVE HOME SURVEY	90953	COMMERCIAL MAIL-IN AUDIT ADVERTISING
90855	FREE HOME ENERGY CHECK	90954	COMPREHENSIVE HOME SURVEY ADVERTISING
90856	COMPREHENSIVE C/I AUDIT	90955	FREE HOME ENERGY CHECK ADVERTISING
90857	FREE C/I AUDIT	90957	FREE C/I AUDIT ADVERTISING
90859	BUILDER AWARENESS PROGRAM	90959	BUILDER AWARENESS PROGRAM ADVERTISING
90860	RESIDENTIAL BERS AUDIT	90966	CEILING INSULATION ADVERTISING
90861	COGENERATION	90967	C&I LOAD MGT ADVERTISING
90866	CEILING INSULATIONS	90968	COMMERCIAL LIGHTING PROGRAM ADVERTISING
90867	COMMERCIAL & INDUSTRIAL LOAD MGMT	90969	STANDBY GENERATION PROGRAM ADVERTISING
90868	COMMERCIAL LIGHTING PROGRAM	90970	CONSERVATION VALUE PROGRAM ADVERTISING
90869	STANDBY GENERATION PROGRAM	90971	RESIDENTIAL DUCT EFFICIENCY ADVERTISING

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Expenses by Program by Month
Actual for Months April 1998 through December 1998

A.

Program Name	April	May	June	July	August	September	October	November	December	Total
1. Heating and Cooling	245,063	260,286	239,502	350,470	370,841	197,547	233,227	347,204	280,159	2,524,299
2. Prime Time	892,990	933,116	993,356	935,780	945,264	913,567	928,981	1,060,598	1,098,453	8,702,105
3. Energy Audits	74,349	94,972	86,453	93,519	98,794	83,760	75,446	235,300	125,283	967,876
4. Cogeneration	22,128	22,650	19,290	21,924	23,366	16,705	22,240	25,543	19,928	193,774
5. Ceiling Insulation	74,824	36,170	90,827	138,062	95,545	94,299	170,270	126,773	216,613	1,043,383
6. C & I Load Management	3,627	3,830	3,928	2,657	2,033	2,227	1,797	1,395	14,435	35,929
7. Commercial Lighting	76,904	33,537	10,830	22,560	88,403	35,269	16,346	11,310	79,303	374,462
8. Standby Generation	51,408	55,984	42,955	44,640	45,804	51,519	45,099	61,386	55,235	454,030
9. Conservation Value	544	563	0	1,705	0	1,996	0	676	7,791	13,275
10. Duct Repair	51,413	78,966	67,732	59,350	78,331	64,184	73,248	25,708	102,816	601,748
11. Builder Awareness	0	0	400	0	0	0	0	100	0	500
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D (D&E)	248	935	2,937	3,233	150,792	105,941	2,476	1,093	(25,240)	242,415
14. Natural Gas R&D (D&E)	0	65	34,713	0	44,274	0	0	0	0	79,052
15. Common Expenses	11,629	15,744	12,320	9,293	14,489	17,224	17,491	20,100	17,467	135,757
16. Total	1,505,127	1,536,818	1,605,243	1,683,193	1,957,936	1,584,238	1,586,621	1,917,186	1,992,243	15,368,605
17. Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0
18. Recoverable Conservation Expenses	1,505,127	1,536,818	1,605,243	1,683,193	1,957,936	1,584,238	1,586,621	1,917,186	1,992,243	15,368,605

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 TAMPA ELECTRIC COMPANY
 (HTB-1)
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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months April 1998 through December 1998

B. Description	April	May	June	July	August	September	October	November	December	Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues *	1,514,829	1,602,798	2,067,298	2,209,845	2,072,634	2,111,148	1,936,392	1,614,046	1,668,190	16,797,180
3. Total Revenues	1,514,829	1,602,798	2,067,298	2,209,845	2,072,634	2,111,148	1,936,392	1,614,046	1,668,190	16,797,180
4. Prior Period True-up	162,643	162,643	162,643	162,643	162,643	162,643	454,365	454,365	454,365	2,338,953
5. Conservation Revenue Applicable to Perio	1,677,472	1,765,441	2,229,941	2,372,488	2,235,277	2,273,791	2,390,757	2,068,411	2,122,555	19,136,133
6. Conservation Expenses	1,505,127	1,536,818	1,605,243	1,683,193	1,957,936	1,584,238	1,586,621	1,917,186	1,992,243	15,368,605
7. True-up This Period (Line 5 - Line 6)	172,345	228,623	624,698	689,295	277,341	689,553	804,136	151,225	130,312	3,767,528
8. Interest Provision This Period	4,531	4,706	5,981	8,333	9,800	10,984	12,475	12,981	11,415	81,206
9. True-up & Interest Provision Beginning of Period	975,858	990,091	1,060,777	1,528,813	2,063,798	2,188,296	2,726,190	3,088,436	2,798,277	975,858
10. Prior Period True-up Collected (Refunded)	(162,643)	(162,643)	(162,643)	(162,643)	(162,643)	(162,643)	(454,365)	(454,365)	(454,365)	(2,338,953)
11. End of Period Total Net True-up	<u>990,091</u>	<u>1,060,777</u>	<u>1,528,813</u>	<u>2,063,798</u>	<u>2,188,296</u>	<u>2,726,190</u>	<u>3,088,436</u>	<u>2,798,277</u>	<u>2,485,639</u>	<u>2,485,639</u>

* Net of Revenue Taxes

(A) Included in Line 6

**** Conservation expenses were adjusted in April 1998 - Adjustment made to Depreciation Base and Accum. Depreciation on Schedules CT-4 pages 1 & 2 was not reflected on this schedule. End of Period Total Net True-up was impacted by this correction.

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 DOCKET NO. 990002-EG
 TAMPA ELECTRIC COMPANY
 (HTB-1)
 SCHEDULE CT-3
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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months April 1998 through December 1998

C.	Interest Provision	April	May	June	July	August	September	October	November	December	Total
1.	Beginning True-up Amount	975,858	990,091	1,060,777	1,528,813	2,063,798	2,188,296	2,726,190	3,088,436	2,798,277	
2.	Ending True-up Amount Before Interest	985,560	1,056,071	1,522,832	2,055,465	2,178,496	2,715,206	3,075,961	2,785,296	2,474,224	
3.	Total Beginning & Ending True-up	<u>1,961,418</u>	<u>2,046,162</u>	<u>2,583,609</u>	<u>3,584,278</u>	<u>4,242,294</u>	<u>4,903,502</u>	<u>5,802,151</u>	<u>5,873,732</u>	<u>5,272,501</u>	
4.	Average True-up Amount (50% of Line 3)	<u>980,709</u>	<u>1,023,081</u>	<u>1,291,805</u>	<u>1,792,139</u>	<u>2,121,147</u>	<u>2,451,751</u>	<u>2,901,076</u>	<u>2,936,866</u>	<u>2,636,251</u>	
5.	Interest Rate - First Day of Month	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	
6.	Interest Rate - First Day of Next Month	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	
7.	Total (Line 5 + Line 6)	<u>11.080%</u>	<u>11.030%</u>	<u>11.100%</u>	<u>11.160%</u>	<u>11.080%</u>	<u>10.740%</u>	<u>10.320%</u>	<u>10.600%</u>	<u>10.400%</u>	
8.	Average Interest Rate (50% of Line 7)	<u>5.540%</u>	<u>5.515%</u>	<u>5.550%</u>	<u>5.580%</u>	<u>5.540%</u>	<u>5.370%</u>	<u>5.160%</u>	<u>5.300%</u>	<u>5.200%</u>	
9.	Monthly Average Interest Rate (Line 8/12)	<u>0.462%</u>	<u>0.460%</u>	<u>0.463%</u>	<u>0.465%</u>	<u>0.462%</u>	<u>0.448%</u>	<u>0.430%</u>	<u>0.442%</u>	<u>0.433%</u>	
10.	Interest Provision (Line 4 x Line 9)	<u>\$4,531</u>	<u>\$4,706</u>	<u>\$5,981</u>	<u>\$8,333</u>	<u>\$9,800</u>	<u>\$10,984</u>	<u>\$12,475</u>	<u>\$12,981</u>	<u>\$11,415</u>	<u>\$81,206</u>

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months April 1998 through December 1998

PRIME TIME

Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1. Investment		76,163	86,849	88,418	43,139	71,762	46,458	46,923	43,232	66,453	569,397
2. Retirements		85,559	79,903	104,842	79,993	117,545	92,013	88,255	103,356	183,495	934,961
3. Depreciation Base		4,629,984	4,636,930	4,620,506	4,583,652	4,537,869	4,492,314	4,450,982	4,390,858	4,273,816	
4. Depreciation Expense		<u>77,245</u>	<u>77,224</u>	<u>77,145</u>	<u>76,701</u>	<u>76,013</u>	<u>75,252</u>	<u>74,527</u>	<u>73,682</u>	<u>72,206</u>	459,580
5. Cumulative Investment	4,639,380	4,629,984	4,636,930	4,620,506	4,583,652	4,537,869	4,492,314	4,450,982	4,390,858	4,273,816	4,273,816
6. Less: Accumulated Depreciation	2,443,815	2,435,501	2,432,822	2,405,125	2,401,833	2,360,301	2,343,540	2,329,812	2,300,138	2,188,849	2,188,849
7. Net Investment	<u>2,195,565</u>	<u>2,194,483</u>	<u>2,204,108</u>	<u>2,215,381</u>	<u>2,181,819</u>	<u>2,177,568</u>	<u>2,148,774</u>	<u>2,121,170</u>	<u>2,090,720</u>	<u>2,084,967</u>	<u>2,084,967</u>
8. Average Investment		2,195,024	2,199,296	2,209,745	2,198,600	2,179,694	2,163,171	2,134,972	2,105,945	2,087,844	
9. Return on Average Investment		13,060	13,086	13,148	13,082	12,969	12,871	12,703	12,530	12,423	115,872
10. Return Requirements		21,262	21,304	21,405	21,298	21,114	20,954	20,681	20,399	20,225	188,642
11. Total Depreciation and Return		<u>98,507</u>	<u>98,528</u>	<u>98,550</u>	<u>97,999</u>	<u>97,127</u>	<u>96,206</u>	<u>95,208</u>	<u>94,081</u>	<u>92,431</u>	868,637

Note: Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59500%.
Return Requirements are calculated using an income tax multiplier of 1.6280016.

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months April 1998 through December 1998

C & I LOAD MANAGEMENT

Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1. Investment		0	0	0	0	0	0	0	0	0	0
2. Retirements		1,453	171	9,694	0	2,784	91	0	3,997	0	18,190
3. Depreciation Base		22,447	22,276	12,582	12,582	9,798	9,707	9,707	5,710	5,710	
4. Depreciation Expense		<u>386</u>	<u>373</u>	<u>290</u>	<u>210</u>	<u>187</u>	<u>163</u>	<u>162</u>	<u>128</u>	<u>95</u>	<u>1,994</u>
5. Cumulative Investment	23,900	22,447	22,276	12,582	12,582	9,798	9,707	9,707	5,710	5,710	5,710
6. Less: Accumulated Depreciation	<u>20,957</u>	<u>19,890</u>	<u>20,092</u>	<u>10,688</u>	<u>10,898</u>	<u>8,301</u>	<u>8,373</u>	<u>8,535</u>	<u>4,666</u>	<u>4,761</u>	<u>4,761</u>
7. Net Investment	<u>2,943</u>	<u>2,557</u>	<u>2,184</u>	<u>1,894</u>	<u>1,684</u>	<u>1,497</u>	<u>1,334</u>	<u>1,172</u>	<u>1,044</u>	<u>949</u>	<u>949</u>
8. Average Investment		2,750	2,371	2,039	1,789	1,591	1,416	1,253	1,108	997	
9. Return on Average Investment		16	14	12	11	9	8	7	7	6	90
10. Return Requirements		<u>26</u>	<u>23</u>	<u>20</u>	<u>18</u>	<u>15</u>	<u>13</u>	<u>11</u>	<u>11</u>	<u>10</u>	<u>147</u>
Total Depreciation and Return		<u>412</u>	<u>396</u>	<u>310</u>	<u>228</u>	<u>202</u>	<u>176</u>	<u>173</u>	<u>139</u>	<u>105</u>	<u>2,141</u>

Note: Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59500%.
Return Requirements are calculated using an income tax multiplier of 1.6280016.

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TAMPA ELECTRIC COMPANY
Reconciliation and Explanation of
Difference Between Filing and FPSC Audit
For Months April 1998 through December 1998

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

Program Description and Progress

Program Title: Heating and Air Conditioning Program

Program Description: Incentive program for the installation of high efficiency heating and air conditioning equipment.

Program Accomplishments April 1, 1998 to December 31, 1998

In this reporting period 3,174 units were installed.

Program Fiscal Expenditures for April 1, 1998 to December 31, 1998

Expenditures of \$2,524,299 occurred.

Program Progress Summary: Through this reporting period, 138,894 approved units have been installed.

Program Description and Progress

Program Title: Prime Time

Program Description: To directly control the larger loads in Customers' homes, such as air conditioning, water heating, electric space heating, and pool pumps in a voluntary manner with participating Customers receiving monthly rate incentives.

Program Accomplishments April 1, 1998 to December 31, 1998
443 Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Dollars spent: \$8,702,105

Program Progress Summary: Through this reporting period, there are 77,903 participating Customers.

Program Description and Progress

Program Title: Energy Audits

Program Description: Audits (on-site and mail-in) of residential, commercial and industrial Customers which will instruct Customers how to use conservation measures to best reduce their energy usage.

Program Accomplishments April 1, 1998 to December 31, 1998

Number of audits completed: 3,939 Residential on-site audits, 9,046 Residential mail-in audits, 197 Commercial on-site audits, 409 Commercial mail-in audits.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Actual expenditures of \$967,876 occurred.

Program Progress Summary: Through this reporting period, 192,041 on-site audits have been performed. Additionally, over 28,949 residential and commercial mail-in audits have been processed.

Program Description and Progress

Program Title: Cogeneration

Program Description: To encourage the development of cost-effective commercial and industrial cogeneration facilities. To evaluate and administer standard offer and negotiated contracts for the purchase of firm capacity and energy.

Program Accomplishments April 1, 1998 to December 31, 1998

Construction is complete on all current qualifying facilities, will continue communication and interaction with all present and potential cogeneration customers. Completed the development and publication of the 20-Year Cogeneration Forecast. Attended meetings and tours as scheduled with cogeneration customer personnel at selected facilities. Prepared and reviewed proposed cogeneration opportunities for cost-effectiveness. Provide data and information to existing cogenerators and function as the data resource center for responding to all cogeneration related inquiries.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$193,774

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Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2000 will be approximately 580 MW and 3,753 GWH.

Continuing interaction with current and potential cogeneration developers for discussion regarding current cogeneration activities and future cogeneration construction activities. Currently there are sixteen (16) Qualifying Facilities with generation on-line in our service area.

Program Description and Progress

Program Title: Ceiling Insulation

Program Description: Incentive program for meeting the efficient level of ceiling insulation.

Program Accomplishments April 1, 1998 to December 31, 1998
9,999 units were installed during this period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Actual expenses of \$1,043,383 occurred.

Program Progress Summary: Customer response has resulted in actual-to-date total of 36,471.

Program Description and Progress

Program Title: Commercial/Industrial Load Management

Program Description: A program that achieves demand reduction through load management of commercial/industrial Customers.

Program Accomplishments April 1, 1998 to December 31, 1998

Three (3) Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$35,929

Program Progress Summary: Through this reporting period, there are 26 commercial/industrial Customers participating.

Program Description and Progress

Program Title: Commercial Indoor Lighting

Program Description: Incentive program to encourage investment in more efficient lighting technology in existing commercial facilities.

Program Accomplishments April 1, 1998 to December 31, 1998

A total of 87 Customers participated during this period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$374,462.

Program Progress Summary: Through this reporting period, 695 Customers have participated.

Program Description and Progress

Program Title: Standby Generator

Program Description: A program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

Program Accomplishments April 1, 1998 to December 31, 1998

Three (3) Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$454,030

Program Progress Summary: Through this reporting period, there are 39 participating Customers.

Program Description and Progress

Program Title: Conservation Value

Program Description: An incentive program for Commercial/Industrial Customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Accomplishments April 1, 1998 to December 31, 1998

One (1) customer qualified and received the appropriate incentive during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$13,275

Program Progress Summary: To date, five (5) Customers have qualified and received the appropriate incentive.

Program Description and Progress

Program Title: Duct Repair

Program Description: An incentive program to encourage the repair of the air distribution system in a residence.

Program Accomplishments April 1, 1998 to December 31, 1998
For this period, 1953 Customers have participated.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Dollars spent: \$601,748

Program Progress Summary: Through this reporting period, 23,340* Customers have participated.

* Revised from last filing.

Program Description and Progress

Program Title: Builder Awareness

Program Description: A three-year program designed to decrease demand and energy by improving construction techniques used on air distribution systems in new residential structures.

Program Accomplishments April 1, 1998 to December 31, 1998

Five (5) model homes have qualified for participation and received the incentive during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$500

Program Progress Summary:

We are actively working with building construction and HVAC contractors to initiate participation. Blower door testing and evaluation will occur on their model homes. Through this reporting period, 30 model homes have qualified for participation and received incentives. The three year period for the program to function will end March 1999.

Program Description and Progress

Program Title: DSM Commercial R&D

Program Description: A three-year program directed at R&D commercial end-use technologies not yet commercially available or insufficient data exists for measure evaluations specific to central Florida climate.

Program Accomplishments April 1, 1998 to December 31, 1998
See Program Progress Summary below.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Dollars spent: \$242,415

Program Progress Summary: Commercial Desiccant Application - Testing in progress at two school sites (one with desiccant system; one without system). Preliminary results indicate the unit is reducing moisture load to the school. Continued testing to be performed through early 2000.

Program Description and Progress

Program Title: Natural Gas R&D

Program Description: A three-year R&D program designed to gather data on the performance and cost-effectiveness of gas technologies for heating, cooling, dehumidification and water heating.

Program Accomplishments April 1, 1998 to December 31, 1998
See Program Progress Summary below.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Dollars spent: \$79,052

Program Progress Summary: Tampa Electric Company filed a final report pursuant to Docket No. 950521-EG, Order No. PSC-94-1313-FOF-EG on September 14, 1998.

Program Description and Progress

Program Title: Common Expenses

Program Description: Expenses common to all programs.

Program Accomplishments April 1, 1998 to December 31, 1998
N/A

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998
Dollars spent: \$135,757

Program Progress Summary: N/A

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Pursuant to Order No. 24276, Docket No. 900885-EG issued March 25, 1991 by the Florida Public Service Commission 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 made during the April 1998 through December 1998 period as well as other program costs. The table format was filed with the Commission on April 23, 1991 in response to the above referenced order request for program participation standards.

TAMPA ELECTRIC COMPANY
 CONSERVATION VALUE PROGRAM
 CUSTOMER INCENTIVE PAYMENT SCHEDULE
 APRIL 1998 - DECEMBER 1998

CUSTOMER DATA	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98
I. C. PENNEY - WESTSHORE PLAZA AVG SUM DEMAND SAVING: 95 KW AVG WIN DEMAND SAVING: 0 KW ANNUAL ENERGY SAVING: 355,917 KWH						\$1,900			
I. C. PENNEY - UNIVERSITY SQUARE MALL AVG SUM DEMAND SAVING: 73 KW AVG WIN DEMAND SAVING: 0 KW ANNUAL ENERGY SAVING: 322,035 KWH				\$1,460					
CYPRESS INS LIMITED AVG SUM DEMAND SAVING: 36.76 KW AVG WIN DEMAND SAVING: 11.56 KW ANNUAL ENERGY SAVING: 111,887 KWH									\$7,222
MONTHLY TOTALS:	\$0	\$0	\$0	\$1,460	\$0	\$1,900	\$0	\$0	\$7,222

TOTAL INCENTIVES PAID FOR PERIOD: \$10,582
 TOTAL OTHER EXPENSES FOR PERIOD: \$2,693
 GRAND TOTAL EXPENSES FOR PERIOD: \$13,275

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INPUT DATA – PART 1
PROGRAM: IMMIGRATION BLDG.

I. PROGRAM DEMAND SAVINGS AND LINE LOSSES

(1) CUSTOMER KW REDUCTION AT THE METER	36.76 KW /CUST
(2) GENERATOR KW REDUCTION PER CUSTOMER	32.34 KW GEN/CUST
(3) KW LINE LOSS PERCENTAGE	6.5 %
(4) GENERATION KWH REDUCTION PER CUSTOMER	118,776 KWH/CUST/YR
(5) KWH LINE LOSS PERCENTAGE	5.8 %
(6) GROUP LINE LOSS MULTIPLIER	1.0000
(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0.0 KWH/CUST/YR
(8)* CUSTOMER KWH REDUCTION AT METER	111,887 KWH/CUST/YR

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR CONSERVATION PROGRAM	20 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T & D ECONOMIC LIFE	30 YEARS
(4) K FACTOR FOR GENERATION	1.5753
(5) K FACTOR FOR T & D	1.5753
(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NONRECURRING COST PER CUSTOMER	1,200.00 \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	0.00 \$/CUST/YR
(3) UTILITY COST ESCALATION RATE	3.0 %
(4) CUSTOMER EQUIPMENT COST	45,050.00 \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	3.0 %
(6) CUSTOMER O & M COST	0.00 \$/CUST/YR
(7) CUSTOMER O & M ESCALATION RATE	3.0 %
(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0.00 \$/CUST
(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0.0 %
(10)* INCREASED SUPPLY COSTS	0.00 \$/CUST/YR
(11)* SUPPLY COSTS ESCALATION RATE	0.0 %
(12)* UTILITY DISCOUNT RATE	9.55%
(13)* UTILITY AFUDC RATE	7.79%
(14)* UTILITY NON RECURRING REBATE/INCENTIVE ...	7,221.50 \$/CUST
(15)* UTILITY RECURRING REBATE/INCENTIVE	0.00 \$/CUST/YR
(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0.0 %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

IV. AVOIDED GENERATOR, TRANS. AND DIST. COSTS

(1) BASE YEAR	1998
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2003
(3) IN-SERVICE YEAR FOR AVOIDED T & D	1999
(4) BASE YEAR AVOIDED GENERATING UNIT COST	229.00 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	4.08 \$/KW
(6) BASE YEAR DISTRIBUTION COST	3.94 \$/KW
(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.8 %
(8) GENERATOR FIXED O & M COST	2.65 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.0 %
(10) TRANSMISSION FIXED O & M COST	0.27 \$/KW/YR
(11) DISTRIBUTION FIXED O & M COST	0.29 \$/KW/YR
(12) T&D FIXED O&M ESCALATION RATE	3.0 %
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.161 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	3.0 %
(15) GENERATOR CAPACITY FACTOR	21.43 %
(16) AVOIDED GENERATING UNIT FUEL COST	3.853 CENTS/KWH
(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.95 %
(18)* AVOIDED PURCHASE CAPACITY COST PER KW	0.00 \$/KW/YR
(19)* CAPACITY COST ESCALATION RATE	0.0 %

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	1.370 CENTS/KWH
(2) NON-FUEL ESCALATION RATE	1.0 %
(3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	1.0 %
(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	1.3

*** CALCULATED BENEFITS AND COSTS ***

(1)* TRC TEST - BENEFIT/COST RATIO	1.3
(2)* PARTICIPANT NET BENEFITS (NPV)	43
(3)* RIM TEST - BENEFIT/COST RATIO	1.1

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CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT
 PLANT: 2003 AVOIDED UNIT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	NO. YEARS BEFORE INSERVICE	PLANT ESCALATION RATE (%)	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL SPENDING (\$/KW)	CUMULATIVE AVERAGE SPENDING (\$/KW)	CUMULATIVE SPENDING WITH AFUDC (\$/KW)	YEARLY TOTAL AFUDC (\$/KW)	INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
1994	-9	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1995	-8	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1996	-7	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1997	-6	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1998	-5	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1999	-4	2.8%	1.0280	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2000	-3	2.8%	1.0568	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2001	-2	2.8%	1.0864	55.0%	136.83	68.41	68.41	5.33	142.16	142.16
2002	-1	2.8%	1.1168	45.0%	115.09	194.37	199.70	15.56	130.64	272.80
2003	0			0.0%	0.00			0.00	0.00	
					1.00	251.91		20.89	272.80	

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IN-SERVICE YEAR = 2003
 PLANT COSTS (1998 \$) \$229.00
 AFUDC RATE: 7.79%

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INPUT DATA -- PART 2
 PROGRAM: IMMIGRATION BLDG.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COSTS (C/KWH)	AVOIDED MARGINAL FUEL COST (C/KWH)	INCREASED MARGINAL FUEL COST (C/KWH)	REPLACEMENT FUEL COST (C/KWH)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KWH EFFECTIVENESS FACTOR
1998	1	1	2.20	1.86	0.00	0.00	1.00	1.00
1999	1	1	2.17	2.07	0.00	0.00	1.00	1.00
2000	1	1	2.27	2.29	0.00	0.00	1.00	1.00
2001	1	1	2.34	2.28	0.00	0.00	1.00	1.00
2002	1	1	2.44	2.38	0.00	0.00	1.00	1.00
2003	1	1	2.48	2.32	0.00	0.00	1.00	1.00
2004	1	1	2.57	2.97	0.00	0.00	1.00	1.00
2005	1	1	2.49	3.04	0.00	0.00	1.00	1.00
2006	1	1	2.56	3.68	0.00	0.00	1.00	1.00
2007	1	1	2.65	3.45	0.00	0.00	1.00	1.00
2008	1	1	2.69	3.42	0.00	0.00	1.00	1.00
2009	1	1	2.76	3.94	0.00	0.00	1.00	1.00
2010	1	1	2.87	3.72	0.00	0.00	1.00	1.00
2011	1	1	2.96	4.54	0.00	0.00	1.00	1.00
2012	1	1	3.05	4.08	0.00	0.00	1.00	1.00
2013	1	1	3.21	4.89	0.00	0.00	1.00	1.00
2014	1	1	3.29	5.32	0.00	0.00	1.00	1.00
2015	1	1	3.44	5.52	0.00	0.00	1.00	1.00
2016	1	1	3.60	5.80	0.00	0.00	1.00	1.00
2017	1	1	3.70	6.08	0.00	0.00	1.00	1.00

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AVOIDED GENERATION UNIT BENEFITS
PROGRAM: IMMIGRATION BLDG.

* UNIT SIZE OF AVOIDED GENERATION UNIT = 32.0 KW
* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = \$8.7

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(1)	(1A)*	(2)	(2A)*	(3)	(4)	(5)	(6)	(6A)*	(7)
YEAR	VALUE OF DEFERRAL FACTOR	AVOIDED GEN UNIT CAPACITY COST \$(000)	AVOIDED ANNUAL UNIT KWH GEN (000)	AVOIDED UNIT FIXED O&M COST \$(000)	AVOIDED GEN UNIT VARIABLE O&M COST \$(000)	AVOIDED GEN UNIT FUEL COST \$(000)	REPLACEMENT FUEL COST \$(000)	AVOIDED PURCHASED CAPACITY COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)
1998	0.000	0	0	0	0	0	0	0	0
1999	0.000	0	0	0	0	0	0	0	0
2000	0.000	0	0	0	0	0	0	0	0
2001	0.000	0	0	0	0	0	0	0	0
2002	0.000	0	0	0	0	0	0	0	0
2003	0.114	1	61	0	0	3	0	0	4
2004	0.117	1	61	0	0	3	0	0	4
2005	0.120	1	61	0	0	3	0	0	4
2006	0.124	1	61	0	0	3	0	0	5
2007	0.127	1	61	0	0	3	0	0	5
2008	0.131	1	61	0	0	3	0	0	5
2009	0.135	1	61	0	0	4	0	0	5
2010	0.138	1	61	0	0	4	0	0	5
2011	0.142	1	61	0	0	4	0	0	5
2012	0.146	1	61	0	0	4	0	0	6
2013	0.150	1	61	0	0	4	0	0	6
2014	0.154	1	61	0	0	4	0	0	6
2015	0.159	1	61	0	0	5	0	0	6
2016	0.163	1	61	0	0	5	0	0	6
2017	0.168	1	61	0	0	5	0	0	7
NOMINAL		18	911	2	2	57	0	0	79
NPV		6		1	1	19	0	0	27

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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AVOIDED T & D AND PROGRAM FUEL SAVINGS
PROGRAM: IMMIGRATION BLDG.

• INSERVICE COSTS OF AVOIDED TRANS. (000) = \$0.1
• INSERVICE COSTS OF AVOIDED DIST. (000) = \$0.1

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(1) YEAR	(2) AVOIDED TRANSMISSION CAPACITY COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAPACITY COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)
1998	0	0	0	0	0	0	1
1999	0	0	0	0	0	0	2
2000	0	0	0	0	0	0	3
2001	0	0	0	0	0	0	3
2002	0	0	0	0	0	0	3
2003	0	0	0	0	0	0	3
2004	0	0	0	0	0	0	4
2005	0	0	0	0	0	0	4
2006	0	0	0	0	0	0	4
2007	0	0	0	0	0	0	4
2008	0	0	0	0	0	0	4
2009	0	0	0	0	0	0	5
2010	0	0	0	0	0	0	4
2011	0	0	0	0	0	0	5
2012	0	0	0	0	0	0	5
2013	0	0	0	0	0	0	6
2014	0	0	0	0	0	0	6
2015	0	0	0	0	0	0	7
2016	0	0	0	0	0	0	7
2017	0	0	0	0	0	0	7
NOMINAL	0	0	1	0	0	1	86
NPV:	0	0	0	0	0	0	34

• SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	REDUCTION IN KWH GENERATION NET NEW CUST KWH (000)	AVOIDED MARGINAL FUEL COST - REDUCED KWH \$(000)	INCREASE IN KWH GENERATION NET NEW CUST KWH (000)	INCREASED MARGINAL FUEL COST - INCREASE KWH \$(000)	NET AVOIDED PROGRAM FUEL SAVINGS \$(000)	EFFECTIVE PROGRAM FUEL SAVINGS \$(000)
1998	59	1	0	0	1	1
1999	119	2	0	0	2	2
2000	119	3	0	0	3	3
2001	119	3	0	0	3	3
2002	119	3	0	0	3	3
2003	119	3	0	0	3	3
2004	119	4	0	0	4	4
2005	119	4	0	0	4	4
2006	119	4	0	0	4	4
2007	119	4	0	0	4	4
2008	119	4	0	0	4	4
2009	119	5	0	0	5	5
2010	119	4	0	0	4	4
2011	119	5	0	0	5	5
2012	119	5	0	0	5	5
2013	119	6	0	0	6	6
2014	119	6	0	0	6	6
2015	119	7	0	0	7	7
2016	119	7	0	0	7	7
2017	119	7	0	0	7	7
NOMINAL	2,316	86	0	0	86	86
NPV:		34		0	34	34

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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(1) YEAR	(2) - (7) UTILITY PROGRAM COSTS & REBATES						(8) - (18) PARTICIPATING CUSTOMER COSTS & BENEFITS										
	(2) UTIL NONREC. COSTS \$(000)	(3) UTIL RECUR COSTS \$(000)	(4) TOTAL UTIL PGM COSTS \$(000)	(5) UTIL NONREC. REBATES \$(000)	(6) UTIL RECUR. REBATES \$(000)	(7) TOTAL REBATE/ INCENT. COSTS \$(000)	(8) PARTIC. CUST EQUIP COSTS \$(000)	(9) PARTIC. CUST O & M COSTS \$(000)	(10) TOTAL COSTS CUST \$(000)	(11) REDUCT. IN CUST. KWH (000)	(12) RED. REV. - FUEL PORTION \$(000)	(13) RED. REV. NONFUEL PORTION \$(000)	(14) EFFECT. REV. TO CUST \$(000)	(15) INC. IN CUST. KWH (000)	(16) INC. REV. - FUEL PORTION \$(000)	(17) INC. REV. NONFUEL PORTION	(18) EFFECT. REVENUE INC. IN BILL \$(000)
1998	1	0	1	7	0	7	45	0	45	56	1	3	4	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	112	2	6	8	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	112	3	6	8	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	112	3	6	8	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	112	3	6	10	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	112	3	6	10	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	112	4	6	10	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	112	4	7	10	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	112	4	7	10	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	112	4	7	11	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	112	4	7	11	0	0	0	0
	1	0	1	7	0	7	45	0	45	2,182	61	120	181	0	0	0	0
	1	0	1	7	0	7	45	0	45		27	54	81		0	0	0

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* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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TOTAL RESOURCE COST TESTS
PROGRAM: IMMIGRATION BLDG.

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
1998	0	1	45	0	46	0	0	1	0	1	(45)	(45)
1999	0	0	0	0	0	0	0	2	0	3	3	(43)
2000	0	0	0	0	0	0	0	3	0	3	3	(41)
2001	0	0	0	0	0	0	0	3	0	3	3	(38)
2002	0	0	0	0	0	0	0	3	0	3	3	(36)
2003	0	0	0	0	0	4	0	3	0	7	7	(32)
2004	0	0	0	0	0	4	0	4	0	8	8	(28)
2005	0	0	0	0	0	4	0	4	0	8	8	(23)
2006	0	0	0	0	0	5	0	4	0	9	9	(19)
2007	0	0	0	0	0	5	0	4	0	9	9	(15)
2008	0	0	0	0	0	5	0	4	0	9	9	(12)
2009	0	0	0	0	0	5	0	5	0	10	10	(8)
2010	0	0	0	0	0	5	0	4	0	10	10	(5)
2011	0	0	0	0	0	5	0	5	0	11	11	(1)
2012	0	0	0	0	0	6	0	5	0	10	10	1
2013	0	0	0	0	0	6	0	6	0	12	12	4
2014	0	0	0	0	0	6	0	6	0	12	12	7
2015	0	0	0	0	0	6	0	7	0	13	13	10
2016	0	0	0	0	0	6	0	7	0	13	13	13
2017	0	0	0	0	0	7	0	7	0	14	14	15
NOMINAL	0	1	45	0	46	79	1	86	0	166	120	
NPV:	0	1	45	0	46	27	1	34	0	61	15	
Discount Rate		9.55%	Benefit/Cost Ratio - [col (11)/col (6)]:				1.3					

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PARTICIPANT COSTS AND BENEFITS
PROGRAM: IMMIGRATION BLDG.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O & M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
1998	4	0	7	0	11	45	0	0	45	(34)	(34)
1999	8	0	0	0	8	0	0	0	0	8	(26)
2000	8	0	0	0	8	0	0	0	0	8	(20)
2001	8	0	0	0	8	0	0	0	0	8	(13)
2002	9	0	0	0	9	0	0	0	0	9	(7)
2003	9	0	0	0	9	0	0	0	0	9	(2)
2004	9	0	0	0	9	0	0	0	0	9	3
2005	9	0	0	0	9	0	0	0	0	9	8
2006	9	0	0	0	9	0	0	0	0	9	12
2007	9	0	0	0	9	0	0	0	0	9	16
2008	9	0	0	0	9	0	0	0	0	9	20
2009	9	0	0	0	9	0	0	0	0	9	23
2010	9	0	0	0	9	0	0	0	0	9	26
2011	10	0	0	0	10	0	0	0	0	10	29
2012	10	0	0	0	10	0	0	0	0	10	32
2013	10	0	0	0	10	0	0	0	0	10	35
2014	10	0	0	0	10	0	0	0	0	10	37
2015	10	0	0	0	10	0	0	0	0	10	39
2016	11	0	0	0	11	0	0	0	0	11	41
2017	11	0	0	0	11	0	0	0	0	11	43
NOMINAL	181	0	7	0	188	45	0	0	45	143	43
NPV:	81	0	7	0	88	45	0	0	45	43	

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In service year of gen unit:
Discount rate:

2003
9.55%

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 (HTB-1)

RATE IMPACT TEST
 PROGRAM: IMMIGRATION BLDG.

YEAR	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)								
INCREASED SUPPLY COSTS		\$ (000)																				
UTILITY PROGRAM COSTS			\$ (000)																			
INCENTIVES				\$ (000)																		
REVENUE LOSSES					\$ (000)																	
OTHER COSTS						\$ (000)																
TOTAL COSTS						\$ (000)																
AVOIDED UNIT & FUEL BENEFITS							\$ (000)															
T & D BENEFITS								\$ (000)														
AVOIDED REVENUE GAINS									\$ (000)													
OTHER BENEFITS										\$ (000)												
TOTAL BENEFITS										\$ (000)												
NET CUMULATIVE BENEFITS DISCOUNTED TO ALL CUSTOMERS											\$ (000)											
NET BENEFIT												\$ (000)										
YEAR	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	NOMINAL NPV:	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	54	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
	61	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	61	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
	8	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
	1.1	9.55%	Benefit/Cost Ratio - [col (12)/col (7)]:																			

Discount rate: