BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 960002-EG

PREPARED DIRECT TESTIMONY AND EXHIBITS OF MARGARET D. NEYMAN

CONSERVATION COST RECOVERY

APRIL 1996 - MARCH 1997

JANUARY 19, 1996

GULF POWER

Gulf Power Company

Before the Florida Public Service Commission
Prepared Direct Testimony of
Margaret D. Neyman
Docket No. 960002-EG
January 19, 1996

Q. Will you please state your name, business address, employer and position?

A. My name is Margaret D. Neyman and my business address is 500 Bayfront Parkway, Pensacola, Florida 32501. I am employed by Gulf Power Company as the Marketing Services Manager.

Q. Are you familiar with the documents concerning the Energy Conservation Cost Recovery?

A. Yes, I am.

Q. Have you verified, that to the best of your knowledge and belief, this information is correct?

A. Yes, I have.

Counsel: We ask that Ms. Neyman's exhibit consisting of 5 Schedules be marked for identification as: Exhibit No. ____(MDN-2). We also ask that Ms. Neyman's Schedule MDN-3 be identified as Exhibit No.____ and Ms. Neyman's Schedule MDN-4 be identified as Exhibit No.___.

Q. Ms. Neyman, for what purpose are you appearing before this Commission today?

A. I am testifying before this Commission on behalf of Gulf Power Company regarding matters related to the Energy Conservation Cost Recovery Clause and to answer any questions concerning the accounting treatment of conservation costs in this filing. Specifically, I address projections for approved programs during the April, 1996, through March, 1997, recovery period and the results of those programs during the recovery period, October, 1995 through March, 1996 (2 months actual, 4 months estimated).

Q. Would you summarize for this Commission the deviations resulting from the actual expenditures from October through November of the current recovery period?

A. Projected expenses for the period were $ 354,713 compared to actual expenses of $315,217 for a difference of $39,496 or 11% below budget. A detailed summary of these expenses is contained in my Schedule C-3, pages 1 and 3 and my Schedule C-5, pages 1 through 18.

Q. Would you describe the results achieved by the programs during the current period, October, 1995, through November, 1995?

A. A detailed summary of results for each program is contained in my Schedule C-5, pages 1 through 18. We expect to achieve all goals over the full six month period.

Q. Has Gulf Power Company established any new conservation programs since the beginning of the current recovery period?

A. Yes. Gulf has implemented new programs during this period that are being recovered through ECCR as described in Docket No. 941172-EI, Demand Side Management Plan. New conservation programs approved for recovery as a result of action taken in Docket No. 941172-EI are: In Concert With The Environment, The Good Cents Environmental Home, Duct Leakage Repair, Geothermal Heat Pump, Residential Advanced Energy Management, and Solar for Schools Pilot.

In addition to the programs approved in Gulf's Demand Side Management Plan, this filing also includes The Business Edge, a commercial audit program. The

petition for approval of this new program is being submitted with this filing. The program description has been provided in Schedule MDN-3.

Gulf's Gas Research and Development projects are also included in the ECCR filings in accordance with Docket No. 950520-EG, Order No. PSC-95-1146-FOF-EG.

Q. Would you summarize the conservation program cost projections for the April, 1996 through March, 1997 recovery period?

A. Program costs for the recovery period are projected to be $ 3,440,845. These costs are broken down as follows: depreciation/amortization and return, $328,498; payroll/benefits, $1,959,322; materials/expenses, $626,740; outside services, $164,905; advertising, $401,245; incentives, 127,181; vehicles, $64,940; and other, $43,639; all of which are offset by program revenues, $275,625. More detail is contained in my Schedule C-2.

Q. Would you review the expected results for your programs during the April, 1996, through March, 1997, recovery period?

A. The following is a synopsis of each program goal.

(1) Residential Energy Audits - 3400 audits are projected to be completed during the period. These audits emphasize selling customers on making conservation improvements and making them aware of the financing options available through the Gulf Express Loan Program.

(2) Gulf Express Loan Program - This program provides below market interest rates to customers as an incentive to install energy conservation features in their homes. 300 loans are projected for the period.

(3) In Concert With The Environment - This energy awareness program is being presented to 8th and 9th grade students as a supplement to the residential audit program. 5000 students are projected to receive the presentation this period.

(4) Good Cents Environmental Home - This program provides residential customers with guidance concerning energy and environmental efficiency in new construction. 75 homes are expected to be completed during the projected period.

(5) Duct Leakage Repair - This program design results from Gulf Power's 1992 HVAC Duct and Infiltration (Blower Door) Pilot Program. The object of the program is to provide the customer with a means to

identify house air duct leakage and recommend repairs that can reduce customer kWh energy usage and kW demand. 115 homes are projected to participate in this program during the period.

(6) Geothermal Heat Pump - The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced geothermal systems. 105 customers are expected to participate in the program during the projection period.

(7) Residential Advanced Energy Management - This program was field tested through the TranstexT Advanced Energy Management Pilot Program in Gulf Breeze, Florida. The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring his/her energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Consistent with our original expectations for this program, 7,250 customers are projected to participate in this program by the end of this

projection period. Unfortunately our startup of the program was delayed pending a final order in Docket No. 941172-EG. Despite the later start, we are putting our reasonable best efforts into trying to achieve this participation level by the end of the projection period. If we are not successful in achieving this level in that time frame, our ability to meet the near term residential conservation goal will be adversely impacted. Nevertheless, we would fully expect to catch up on a cumulative basis in subsequent periods.

(8) Good Cents Building - This program includes both new and existing commercial customers. 257 installations are projected for the period. Implementation strategies will concentrate on architects, engineers, developers and other decision makers in the construction process.

(9) Energy Audits and Technical Assistance Audits - 365 audits are projected for the period. Emphasis will be placed on audits for large, complex commercial customers such as hospitals, hotels and office buildings. These audits will focus on the benefits of alternative technologies such as heat pump water heaters and geothermal technologies.

(10) The Business Edge - This is a direct mail energy and environmental auditing program. This program builds on the success of Gulf's existing Commercial/Industrial Energy Audit program and will assist in the evaluation of the specific energy and environmental requirements of a given business type. Gulf expects 1,000 participants during the projection period.

(11) Solar for Schools Pilot - Gulf Power is working with the Florida Energy Extension Service on the Solar for Schools Pilot Program design and implementation. The program uses "green pricing" to fund solar technologies in public schools. It also incorporates a school-based energy education component as well as enhanced security lighting for schools. During the projection period, Gulf will be evaluating various implementation options and developing the "green pricing" billing mechanism and promotion plan. No schools are expected to begin participating in the program during this projection period.

(12) Conservation Demonstration and Development - Nine research projects have been identified. A detailed description of each project is in Schedule C-5.

(13) Gas Research and Development - Gulf Power is conducting research in four individual research and demonstration projects. Project details are explained in Schedule C-5 in accordance with Docket No. 950520-EG, Order No. PSC-95-1146-FOF-EG.

Q. Are there any significant changes in Gulf's cost allocation methods in this filing?

A. Yes. Gulf has proposed to allocate the costs for the new Residential Advanced Energy Management (AEM) Program using the 12 coincident peak and 1/13 average demand method. This method was approved for use as a demand allocation method by the Commission in Order No. PSC-93-1845-FOF-EG. In this order, the Commission stated it was appropriate for dispatchable conservation program costs to be allocated on a demand basis. The Commission defined dispatchable programs as those programs which the utility, at its discretion, can call upon to reduce load when that capacity is needed.

Q. Please explain how AEM is a dispatchable program?

A. The communication capabilities of Gulf's AEM system allow the Company to send a critical price signal to the customer's premises during extreme peak load

conditions. The signal results in a load reduction attributable to predetermined thermostat and relay settings chosen by the individual participating customer. AEM is clearly a dispatchable program oriented toward peak demand reduction, similar in load shape impacts to direct load control.

Based on results gathered from the Residential AEM (TranstexT) Pilot Program conducted by Gulf Power, this type of program will reduce summer peak demand by approximately 2 kW per household. A copy of the Weather Normalized Load Response chart for the summer of 1993, which was included in the Results of the Pilot Residential AEM System report submitted to the Commission in 1994, has also been provided in Schedule MDN-4.

Q. Ms. Neyman, have you refiled any portion of your direct testimony or exhibits dated November 17, 1995?

A. Yes. On December 20, 1995, corrected copies of Schedules CT-1, CT-2 and CT-3, all pages, were filed with the Commission.

Q. Please explain the revisions and the effect on the adjusted net true-up?

A. Essentially two revisions were made:

1. The Company inadvertently provided projection data on Schedule CT-3, pages 4 and 5 and did not include actual data on these two schedules. The correct schedules were used for the calculations, but the wrong schedules were included at the time of filing. These pages were replaced with the pages containing actual data. This change did not affect the net adjusted true-up.

2. A total of $4,624.82 in expenses were not included in the original filing. These expenses are: 1) $3,759.14 in advertising expense associated with a new program and inadvertently omitted in the original true-up filing and, 2) Materials expense of $820.26 from the EA/TAA program and $45.42 from the Good Cents Building program that were not reported in the original filing. These revisions increased the net adjusted true-up from $162,055.96 to $166,846.

Q. Ms. Neyman, what amount does Gulf propose to bill for the months April, 1996, through March, 1997, as Energy Conservation Cost Recovery factors?

A. The factors for these months and how they were derived are detailed on Schedule C-1, page 3 of 3.

Q. Ms. Neyman, does this conclude your testimony?

A. Yes, it does.

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ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

For the Period: April, 1996 Through March, 1997

		$
1.	Total Incremental Costs (Schedule C-2, Page 1 of 8, Line 16)	3,440,845
2.	True Up (Schedule C-3, Page 4 of 5)	189,287
3.	Total (Line 1 + Line 2)	3,630,132
4.	Cost Subject to Revenue Taxes	3,630,132
5.	Revenue Tax	1.01609
6.	Total Recoverable Cost	3,688,541

Incremental costs are split in proportion to the current period split of demand-related (10.81%) and energy-related (89.19%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 2 of 8, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG. Costs related to the True Up are allocated 100% to energy.

7.	Total Cost	3,688,541
8.	Energy Related Costs	3,310,601
9.	Demand Related Costs (total)	377,940
10.	Demand Costs Allocated on 12 CP	348,868
11.	Demand Costs Allocated on 1/13 th	29,072

GULF POWER COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
APRIL 1996 THROUGH MARCH 1997

Rate Class	A Average 12 CP Load Factor at Meter	B Apr 96 - Mar 97 Projected KWH Sales at Meter	C Projected Avg 12 CP KW at Meter Col B / (8,760 hours x Col A)	D Demand Loss Expansion Factor	E Energy Loss Expansion Factor	F Apr 96 - Mar 97 Projected KWH Sales at Generation Col B x Col E	G Projected Avg 12 CP KW at Generation Col C x Col D	H Percentage of KWH Sales at Generation Col F / Total Col F	I Percentage of 12 CP KW Demand at Generation Col G / Total Col G
RS, RST	57.126207%	4,034,798,567	806,273.46	1.1019333	1.0766175	4,343,934,746	888,459.57	46.98925%	56.75121%
GS, GST	58.469577%	234,524,000	45,788.16	1.1019255	1.0766135	252,491,704	50,455.14	2.73126%	3.22287%
GSD, GSDT	76.711657%	1,863,240,234	277,270.32	1.1016647	1.0764011	2,005,593,837	305,458.92	21.69493%	19.51148%
LP, LPT, SBS (1)	86.657515%	1,624,238,787	213,963.42	1.0601470	1.0444167	1,696,382,114	226,832.68	18.35012%	14.48916%
PX, PXT, RTP, SBS (2)	106.636161%	833,402,118	89,216.67	1.0313379	1.0235079	852,993,652	92,012.53	9.22701%	5.87739%
OS-I, OS-II	NA	64,985,114	0.00	1.1020255	1.0766162	69,964,026	0.00	0.75681%	0.00000%
OS-III	101.474026%	18,668,786	2,100.18	1.1024447	1.0766529	20,099,803	2,315.33	0.21742%	0.14789%
OS-IV	NA	2,850,906	0.00	1.1024447	1.0766529	3,069,436	0.00	0.03320%	0.00000%
TOTAL	69.056977%	8,676,708,512	1,434,612.21			9,244,529,318	1,565,534.17	100.00000%	100.00000%

Notes:
Col A - Average 12 CP load factor based on actual 1993 load research data.
Col C - 8,760 is the number of hours in 12 months.
(1) Includes Rate Schedule SBS customers with a Contract Demand in the range of 500 to 7,499 KW
(2) Includes Rate Schedule SBS customers with a Contract Demand over 7,499 KW

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CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
APRIL 1996 THROUGH MARCH 1997

Rate Class	A Percentage of KWH Sales at Generation Col F / Total Col F	B Percentage of 12 CP KW Demand at Generation Col G / Total Col G	C Demand Allocation 12CP	D Demand Allocation 1/13 th	E Energy Allocation	F Total Conservation Costs	G Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RST	46.98925%	56.75121%	$197,987	$13,661	$1,555,626	$1,767,274	4,034,798,567	0.044
GS, GST	2.73126%	3.22287%	11,244	794	90,421	102,459	234,524,000	0.044
GSD, GSDT	21.69493%	19.51148%	68,069	6,307	718,232	792,608	1,863,240,234	0.043
LP, LPT, SBS (1)	18.35012%	14.48916%	50,548	5,335	607,499	663,382	1,624,238,787	0.041
PX, PXT, RTP, SBS (2	9.22701%	5.87739%	20,504	2,682	305,469	328,655	833,402,118	0.039
OS-I, OS-II	0.75681%	0.00000%	0	220	25,055	25,275	64,985,114	0.039
OS-III	0.21742%	0.14789%	516	63	7,198	7,777	18,668,786	0.042
OS-IV	0.03320%	0.00000%	0	10	1,099	1,109	2,850,906	0.039
TOTAL			$348,868	$29,072	$3,310,599	$3,688,539	8,676,708,512	0.043

A Obtained from Schedule C-1, page 2 of 3, col H
B Obtained from Schedule C-1, page 2 of 3, col I
C Total from C-1, page 1, line 10 * col B
D Total from C-1, page 1, line 11 * col A
E Total from C-1, page 1, line 8 * col A
F Total Conservation Costs
G Projected kwh sales for the period April 1996 through March 1997
H Col F / G
Note: Totals may not add due to rounding

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ESTIMATED CONSERVATION PROGRAM COSTS
For the Period April, 1996 Through March, 1997

Actual	Deprn/Amort & Return	Payroll & Benefits	Materials & Expenses	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	TOTAL
1. Residential Energy Audits	0	238,414	24,593	0	180,487	0	9,673	402	0	453,569
2. Gulf Express	0	58,650	94,897	6,938	76,418	0	1,498	0	0	238,401
3. In Concert with The Environment	0	59,760	98,036	0	0	0	2,110	0	0	159,906
4. Good Cents Environmental	0	64,358	20,223	0	53,845	0	2,058	0	0	140,484
5. Duct Leakage	0	97,622	8,547	0	0	3,771	3,460	0	0	113,400
6. Geothermal Heat Pump	0	169,826	8,044	0	2,514	113,119	5,982	0	0	299,485
7. Advanced Energy Management	323,236	235,729	5,530	75,413	0	0	7,637	0	275,625	371,920
8. Comm/Ind Good Cents Bldg	0	309,301	5,718	10,594	86,473	0	9,378	0	0	421,464
9. Comm/Ind E.A. & T.A.A.	0	720,953	81,546	71,960	0	0	22,623	43,237	0	940,319
10. Business Edge	0	0	125,040	0	0	0	0	0	0	125,040
11. Solar for Schools	0	4,709	0	0	0	10,291	0	0	0	15,000
12. Research & Development	5,262	0	144,511	0	1,508	0	521	0	0	151,802
13. Gas Research	0	0	10,055	0	0	0	0	0	0	10,055
14. Total All Programs	3 6,498	1,959,322	626,740	164,905	401,245	127,181	64,940	43,639	275,625	3,440,845
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0
16. Net Program Costs	328,498	1,959,322	626,740	164,905	401,245	127,181	64,940	43,639	275,625	3,440,845

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ESTIMATED CONSERVATION PROGRAM COSTS
For the Period April, 1996 Through March, 1997

PROGRAMS

	APR	MAY	JUN	JUL	AUG	SEP	6 MONTH TOTAL	OCT	NOV	DEC	JAN	FEB	MAR	6 MONTH TOTAL	12 MONTH TOTAL	DEMAND COSTS	ENERGY COSTS
1. Residential Energy Audits	37,591	37,591	37,591	37,591	37,591	37,591	225,546	37,591	37,591	37,591	38,418	38,418	38,414	228,023	453,569		453,569
2. Gulf Express	19,758	19,758	19,758	19,758	19,758	19,758	118,548	19,758	19,758	19,758	20,193	20,193	20,193	119,853	238,401		238,401
3. In Concert with the Environment	13,253	13,253	13,253	13,253	13,253	13,253	79,518	13,253	13,253	13,253	13,544	13,544	13,541	80,388	159,906		159,906
4. Good Cents Environmental	11,643	11,643	11,643	11,643	11,643	11,643	69,856	11,643	11,643	11,643	11,899	11,899	11,899	70,626	140,484		140,484
5. Duct Leakage	9,398	9,398	9,398	9,398	9,398	9,398	56,388	9,398	9,398	9,398	9,605	9,605	9,608	57,012	113,400		113,400
6. Geothermal Heat Pump	24,820	24,820	24,820	24,820	24,820	24,820	148,920	24,820	24,820	24,820	25,367	25,367	25,371	150,565	299,485		299,485
7. Advanced Energy Management	26,878	26,878	25,103	25,928	27,373	27,920	160,080	29,755	31,001	33,531	37,562	39,323	40,668	211,840	371,920	371,920	
8. Comm/Ind Good Cents Bldg	34,930	34,930	34,930	34,930	34,930	34,930	209,580	34,930	34,930	34,930	35,698	35,698	35,698	211,884	421,464		421,464
9. Comm/Ind E.A. & T.A.A.	77,931	77,931	77,931	77,931	77,931	77,931	467,586	77,931	77,931	77,931	79,646	79,646	79,648	472,733	940,319		940,319
10. Business Edge	10,420	10,420	10,420	10,420	10,420	10,420	62,520	10,420	10,420	10,420	10,420	10,420	10,420	62,520	125,040		125,040
11. Solar for Schools	1,250	1,250	1,250	1,250	1,250	1,250	7,500	1,250	1,250	1,250	1,250	1,250	1,250	7,500	15,000		15,000
12. Research & Development	12,596	12,594	12,592	12,590	12,587	12,585	75,544	12,582	12,580	12,577	12,842	12,840	12,837	76,258	151,802		151,802
13. Gas Research	833	833	833	833	833	833	4,998	833	833	833	852	852	854	5,057	10,055		10,055
14. Total All Programs	281,301	281,299	279,522	280,345	281,787	282,332	1,686,586	284,164	285,408	287,935	297,296	299,055	300,401	1,754,259	3,440,845	371,920	3,068,925
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Recoverable Conservation Expenses	281,301	281,299	279,522	280,345	281,787	282,332	1,686,586	284,164	285,408	287,935	297,296	299,055	300,401	1,754,259	3,440,845	371,920	3,068,925

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SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Advanced Energy Management
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Total
1.	Investments (Net of Retirements)				443,500	443,500	443,500	665,250	1,995,750
2.	Depreciation Base		0	0	443,500	887,000	1,330,500	1,995,750	
3.	Depreciation Expense (A)			0	0	628.00	1,885.00	3,141.00	5,654
4.	Cumulative Investment	0	0	0	443,500	887,000	1,330,500	1,995,750	
5.	Less: Accumulated Depreciation	0	0	0	0	628.00	2,513.00	5,654.00	
6.	Net Investment	0	0	0	443,500	886,372	1,327,987	1,990,096	
7.	Average Net Investment		0	0	221,750	664,936	1,107,180	1,659,042	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		0	0	1,975	5,922	9,861	14,775	32,533
10.	Total Depreciation & Return (Line 3 + 9)		0	0	1,975	6,550	11,746	17,916	38,187

Notes:
(A) Depreciation Rate of 3.4% Annually
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Advanced Energy Management
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected October	Projected November	Projected December	Projected January	Projected February	Projected March	Total
1.	Investments (Net of Retirements)		665,250	887,000	887,000	604,500	604,500	604,500	4,252,750
2.	Depreciation Base		2,661,000	3,548,000	4,435,000	5,039,500	5,644,000	6,248,500	
3.	Depreciation Expense (A)		4,712	6,596	8,795	11,308	13,421	15,133	59,965
4.	Cumulative Investment	1,995,750	2,661,000	3,548,000	4,435,000	5,039,500	5,644,000	6,248,500	
5.	Less: Accumulated Depreciation	5,654	10,366	16,962	25,757	37,065	50,486	65,619	
6.	Net Investment	1,990,096	2,650,634	3,531,038	4,409,243	5,002,435	5,593,514	6,182,881	
7.	Average Net Investment		2,320,365	3,090,836	3,970,141	4,705,839	5,297,975	5,888,198	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		20,665	27,527	35,358	41,910	47,184	52,440	204,419
10.	Total Depreciation & Return (Line 3 + 9)		25,377	34,123	44,153	53,218	60,605	67,573	285,049

Notes:
(A) Depreciation Rate of 3.4% Annually
(B) Revenue Requirement Return is 10.6872%

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SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Energy Education
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Total
1.	Investments (Net of Retirements)				0	0	0	0	
2.	Amortization Base		21,139	21,139	21,139	21,139	21,139	21,139	
3.	Amortization Expense (A)		252	252	252	252	252	252	1,512
4.	Cumulative Investment	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
5.	Less: Accumulated Amortization	755	1,007	1,259	1,511	1,763	2,015	2,267	
6.	Net Investment	20,384	20,132	19,880	19,628	19,376	19,124	18,872	
7.	Average Net Investment		20,258	20,006	19,754	19,502	19,250	18,998	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		180	178	176	174	171	169	868
10.	Total Amortization & Return (Line 3 + 9)		432	430	428	426	423	421	2,560

Notes:
(A) 1995 Additions Amortized over 7 Year Period
(B) Revenue Requirement Return is 10.6872%

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Witness: Margaret D. Neyman
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GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Energy Education
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected October	Projected November	Projected December	Projected January	Projected February	Projected March	Total
1.	Investments (Net of Retirements)		0	0	0	0	0	0	
2.	Amortization Base		21,139	21,139	21,139	21,139	21,139	21,139	
3.	Amortization Expense (A)		252	252	252	252	252	252	1,512
4.	Cumulative Investment	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
5.	Less: Accumulated Amortization	2,267	2,519	2,771	3,023	3,275	3,527	3,779	
6.	Net Investment	18,872	18,620	18,368	18,116	17,864	17,612	17,360	
7.	Average Net Investment		18,746	18,494	18,242	17,990	17,738	17,486	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		167	165	162	160	158	156	801
10.	Total Amortization & Return (Line 3 + 9)		419	417	414	412	410	408	2,480

Notes:
(A) 1995 Additions Amortized over 7 Year Period
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Commercial Technology
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Total
1.	Investments (Net of Retirements)				0	0	0	0	
2.	Amortization Base		939	939	939	939	939	939	
3.	Amortization Expense (A)		11	11	11	11	11	11	66
4.	Cumulative Investment	939	939	939	939	939	939	939	
5.	Less: Accumulated Amortization	34	45	56	67	78	89	100	
6.	Net Investment	905	894	883	872	861	850	839	
7.	Average Net Investment		900.00	889.00	878.00	867.00	856.00	845.00	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		8	8	8	8	8	8	40
10.	Total Amortization & Return (Line 3 + 9)		19	19	19	19	19	19	114

Notes:
(A) 1995 Additions Amortized over 7 Year Period
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Commercial Technology
For the Period April, 1996 Through March, 1997

Line No.	Description	Beginning of Period	Projected October	Projected November	Projected December	Projected January	Projected February	Projected March	Total
1.	Investments (Net of Retirements)		0	0	0	0	0	0	
2.	Amortization Base		939	939	939	939	939	939	
3.	Amortization Expense (A)		11	11	11	11	11	11	66
4.	Cumulative Investment	939	939	939	939	939	939	939	
5.	Less: Accumulated Amortization	100	111	122	133	144	155	166	
6.	Net Investment	839	828	817	806	795	784	773	
7.	Average Net Investment		834	823	812	801	790	779	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		7	7	7	7	7	7	35
10.	Total Amortization & Return (Line 3 + 9)		18	18	18	18	18	18	108

Notes:
(A) 1995 Additions Amortized over 7 Year Period
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

CONSERVATION PROGRAM COST
October, 1995 Through November, 1995, Actual
December, 1995 Through March, 1996, Estimated

Actual	Capital Return & Depreciation	Payroll & Benefits	Materials & Expenses	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	TOTAL
1. Residential Energy Audits										
a. Actual	0	51,866	5,796	0	4,408	0	2,037	0	0	64,107
b. Estimated	0	90,040	7,837	4,162	111,842	0	7,221	204	0	221,306
c. Total	0	141,906	13,633	4,162	116,250	0	9,258	204	0	285,413
2. Gulf Express										
a. Actual	0	5,817	35,389	0	0	0	80	0	0	41,087
b. Estimated	0	14,173	9,471	2,289	38,666	0	651	0	0	65,250
c. Total	0	19,790	44,860	2,289	38,666	0	731	0	0	106,336
3. In Concert with the Environment										
a. Actual	0	5,071	137	0	0	0	69	0	0	5,277
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total	0	5,071	137	0	0	0	69	0	0	5,277
4. Environmental Good Cents Home										
a. Actual	0	5,713	419	0	0	0	16	0	0	6,148
b. Estimated	0	42,646	0	0	0	0	(0)	0	0	42,646
c. Total	0	48,359	419	0	0	0	16	0	0	48,794
5. Duct Leakage										
a. Actual	0	0	0	0	0	0	0	0	0	0
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total	0	0	0	0	0	0	0	0	0	0
6. Geothermal Heat Pump										
a. Actual	0	0	0	0	0	0	0	0	0	0
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total	0	0	0	0	0	0	0	0	0	0
7. Treated										
a. Actual	0	0	4,207	0	0	0	0	0	0	4,207
b. Estimated	0	0	6,323	0	0	0	0	0	0	6,323
c. Total	0	0	10,530	0	0	0	0	0	0	10,530
8. Advanced Energy Management	0	0	0	0	0	0	0	0	0	0
a. Actual	0	0	0	0	0	0	0	0	0	0
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total										
9. Commrind Good Cents Bldg										
a. Actual	0	52,755	2,489	0	10,620	0	1,472	0	0	67,336
b. Estimated	0	73,480	2,179	6,918	34,110	0	4,840	0	0	121,527
c. Total	0	126,235	4,668	6,918	44,730	0	6,312	0	0	188,863
10. Commrind E.A. & T.A.A.										
a. Actual	0	95,481	22,212	0	145	0	1,952	0	0	119,790
b. Estimated	0	166,707	(9,623)	42,581	(145)	0	13,456	15,228	0	228,204
c. Total	0	262,188	12,589	42,581	0	0	15,408	15,228	0	347,994
11. Business Edge										
a. Actual	0	0	0	0	0	0	0	0	0	0
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total	0	0	0	0	0	0	0	0	0	0
12. Solar for Schools										
a. Actual	0	0	0	0	0	0	0	0	0	0
b. Estimated	0	0	0	0	0	0	0	0	0	0
c. Total	0	0	0	0	0	0	0	0	0	0
13. Research & Development										
a. Actual End of Use	0	0	0	0	0	0	0	0	0	0
b. Actual Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0
c. Actual FCG	0	0	0	0	0	0	0	0	0	0
d. Actual Desiccant	0	0	425	0	0	0	0	322	0	747
e. Actual Energy Education	0	0	349	0	0	0	0	218	0	567
f. Actual Commercial Technology	0	0	0	0	0	0	0	72	0	72
g. Actual PJC	0	0	0	0	0	0	0	0	0	0
h. Actual Slinky Loop	0	0	0	0	0	0	0	0	0	0
i. Actual Dunes	0	0	200	0	0	0	0	0	0	200
j. Estimated	0	0	60,332	0	0	0	0	0	0	60,332
k. Total	0	0	61,306	0	0	0	0	612	0	61,918
14. Gas Research										
a. Actual	0	0	5,681	0	0	0	0	0	0	5,681
b. Estimated	0	0	3,332	0	0	0	0	0	0	3,332
c. Total	0	0	9,013	0	0	0	0	0	0	9,013
15. Total All Programs	0	603,549	157,155	55,950	199,648	0	31,794	16,044	0	1,064,138

GULF POWER COMPANY

CONSERVATION PROGRAM COSTS
ACTUAL CAPITAL INVESTMENT ANALYSIS
For The Period: April, 1996 Through March, 1997

Program Investment Information	Program 1	Program 2	Program 3	Program 4	Program 5	Total for All Programs
1. Actual Investments as of _____19__ Averaged over period _____through_____						
2. Less: Accumulated Depreciation and Amortization - Average						
3. Average Net Investment						
4. Projected Investments Description						
a. Item #1						
b. Item #2						
c. Item #3			***NOT APPLICABLE***			
d. Item #4						
5. Total Projected Investments - Net						
6. Total Actual and Projected						
7. Rate of Return (Prorata)(6/12 x ___%)						
8. Return on Investment Projected for Period						
9. Expansion Factor (State & Federal Income Taxes)						
10. Revenue Requirements						
11. Depreciation & Amortization for Period						
12. Total Charges Applicable to Period						

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GULF POWER COMPANY

CONSERVATION PROGRAM COSTS FOR
October, 1995 Through November, 1995 Actual
December, 1995 through March, 1996 Estimated

		ACTUAL			ESTIMATED					TOTAL ACTUAL & ESTIMATED
		OCT	NOV	TOTAL	DEC	JAN	FEB	MAR	TOTAL	
1.	Residential Energy Audits	25,380.52	38,726.68	64,107.20	55,326.00	55,326.00	55,326.00	55,327.80	221,305.80	285,413.00
2.	Gulf Express	3,534.69	37,551.81	41,086.50	16,312.00	16,312.00	16,312.00	16,313.50	65,249.50	106,336.00
3.	In Concert with the Environment	2,556.93	2,720.19	5,277.12	0.00	0.00	0.00	0.00	0.00	5,277.12
4.	Good Cents Environmental	2,754.73	3,393.40	6,148.13	7,717.00	11,643.00	11,643.00	11,643.00	42,646.00	48,794.13
5.	Duct Leakage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.	Geothermal Heat Pump	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.	Transtext	2,989.39	1,217.54	4,206.93	1,581.00	1,581.00	1,581.00	1,580.07	6,323.07	10,530.00
8.	Advanced Energy Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.	Comm/Ind Good Cents Bldg	32,251.11	35,084.81	67,335.92	30,382.00	30,382.00	30,382.00	30,381.08	121,527.08	188,863.00
10.	Comm/Ind E.A. & T.A.A.	57,277.04	62,512.94	119,789.98	57,051.00	57,051.00	57,051.00	57,051.02	228,204.02	347,994.00
11.	Business Edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.	Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Research & Development				18,425.00	14,499.00	14,499.00	12,910.12	60,333.12	61,917.75
	End Use Profiling	0.00	0.00	0.00						
	Geothermal Heat Pump	0.00	0.00	0.00						
	FCG	0.00	0.00	0.00						
	Desiccant Dehum. H. P.	533.65	212.98	746.63						
	Energy Education	(128.74)	694.96	566.22						
	Commercial Technology	(158.18)	230.28	72.10						
	PJC	0.00	0.00	0.00						
	Slinky Loop Mat H. P.	0.00	0.00	0.00						
	Dunes	0.00	199.68	199.68						
13.	Gas Research	0.00	5,681.00	5,681.00	833.00	833.00	833.00	833.00	3,332.00	9,013.00
14.	Total All Programs	126,991.14	188,226.27	315,217.41	187,627.00	187,627.00	187,627.00	186,039.59	748,920.59	1,064,138.00
15.	Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.	Net Recoverable Expenses	126,991.14	188,226.27	315,217.41	187,627.00	187,627.00	187,627.00	186,039.59	748,920.59	1,064,138.00

GULF POWER COMPANY

ENERGY CONSERVATION ADJUSTMENT
For the Period: October, 1995 through March, 1996

Conservation Revenues	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
1. a. Residential Conservation Audit Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. (Other Fees)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Adjustment Revenues	156,550.44	150,462.70	171,371.02	186,055.45	150,188.16	159,866.98	974,494.75
3. Total Revenues	156,550.44	150,462.70	171,371.02	186,055.45	150,188.16	159,866.98	974,494.75
4. Adjustment not Applicable to Period - Prior True Up	(4,994.48)	(4,994.48)	(4,994.48)	(4,994.48)	(4,994.48)	(4,994.46)	(29,966.86)
5. Conservation Revenues Applicable to Period	151,555.96	145,468.22	166,376.54	181,060.97	145,193.68	154,872.52	944,527.89
6. Conservation Expenses (Form C-3 Page 3 of 5)	126,991.14	188,226.27	187,627.00	187,627.00	187,627.00	186,039.59	1,064,138.00
7. True Up this Period (Line 5 minus Line 6)	24,564.82	(42,758.05)	(21,250.46)	(6,566.03)	(42,433.32)	(31,167.07)	(119,610.11)
8. Interest Provision this Period (C-3, Page 5 of 5)	(398.37)	(415.39)	(548.06)	(593.83)	(691.06)	(848.27)	(3,494.98)
9. True Up & Interest Provision Beginning of Month	(96,148.74)	(66,987.81)	(105,166.77)	(121,970.81)	(124,136.19)	(162,266.09)	(96,148.74)
10. Prior True Up Collected or Refunded	4,994.48	4,994.48	4,994.48	4,994.48	4,994.48	4,994.46	29,966.86
End of Period- Net True Up	(66,987.81)	(105,166.77)	(121,970.81)	(124,136.19)	(162,266.09)	(189,286.97)	(189,286.97)

GULF POWER COMPANY

ENERGY CONSERVATION ADJUSTMENT
For the Period: October, 1994 through March, 1995

Interest Provision	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
1. Beginning True up Amount	(96,148.74)	(66,987.81)	(105,166.77)	(121,970.81)	(124,136.19)	(162,266.09)	
2. Ending True up before Interest	(66,589.44)	(104,751.38)	(121,422.75)	(123,542.36)	(161,575.03)	(188,438.70)	
3. Total beginning & ending	(162,738.18)	(171,739.19)	(226,589.52)	(245,513.17)	(285,711.22)	(350,704.79)	
4. Average True up Amount	(81,369.09)	(85,869.60)	(113,294.76)	(122,756.58)	(142,855.61)	(175,352.39)	
5. Interest Rate First Day Reporting Business Month	5.9400	5.8100	5.8100	5.8100	5.8100	5.8100	
6. Interest Rate First Day Subsequent Business Month	5.8100	5.8000	5.8000	5.8000	5.8000	5.8000	
7. Total of Lines 5 and 6	11.7500	11.6100	11.6100	11.6100	11.6100	11.6100	
8. Average Interest rate (50% of Line 7)	5.8750	5.8050	5.8050	5.8050	5.8050	5.8050	
9. Monthly Average Interest Rate Line 8 \ 12	0.004896	0.004838	0.004838	0.004838	0.004838	0.004838	
10. Interest Provision (line 4 X 9)	(398.37)	(415.39)	(548.06)	(593.83)	(691.06)	(848.27)	(3,494.98)

Florida Public Service Commission
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GULF POWER COMPANY
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GULF POWER COMPANY

CALCULATION OF CONSERVATION REVENUES
For the Period: October, 1995 Through March, 1996

		Month	MWH Sales (Net of 3rd Party)	Base Revenue	Clause Revenue Net of Revenue Taxes
*	1.	10/95	611,807	-	156,550.44
*	2.	11/95	587,940	-	150,462.70
	3.	12/95	669,721	-	171,371.02
	4.	D1/96	727,108	-	186,055.45
	5.	D2/96	586,938	-	150,188.16
	6.	D3/96	624,763	-	159,866.98

Program Description and Progress

Program Title: Residential Energy Audits

Program Description: This program consists of two types of audits: (1) Class A Energy Conservation Audits and (2) ¢entsable Energy ¢hecks, a walk-through audit. Both of these audits are performed on-site and involve assisting the customer in upgrading the thermal and equipment efficiencies in their homes as well as lifestyle measures and low or no cost improvements.

Program Projections: For the period April, 1996, through March, 1997, we expect to achieve 3,400 audits and incur expenses totaling $453,569.

Program Accomplishments: 668 audits were conducted during the period compared to a budget of 550.

Program Fiscal Expenditures: Actual expenses were $64,107 compared to a budget of $93,501 for a difference of $29,394 or 31.4% below budget. Expenses are below budget due to customers requesting more low-cost/no-cost information.

Program Progress Summary: Since the approval of this program Gulf has performed 118,408 residential energy audits. This is a result of Gulf's promotional campaign to solicit energy audits as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Gulf Express Loan Program

Program Description: The objective of this program is to encourage and achieve energy conservation. The program provides below market interest rates from participating banks to customers as an incentive to install energy conservation features in their homes.

Program Projections: For the period April, 1996, through March, 1997, we expect to complete 300 loans and incur $238,401 in total expenses.

Program Accomplishments: There were 145 loans forecasted to be completed compared to 114 actual loans completed. This results in a deviation of 31 loans below the goal. The deviation is a result of a lag between loan closings and quarterly reporting requirements for the banks. The above numbers do not include 4th quarter loans that have closed but have not been reported or subsidized.

Program Fiscal Expenditures: Forecasted expenses were $34,834 compared to actual expenses of $ 41,087 resulting in a deviation of $6,253 over budget.

Program Progress Summary: Since the approval of the permanent program, Gulf has completed 1,268 Gulf Express Loans.

Program Description and Progress

Program Title: In Concert With The Environment

Program Description: In Concert With The Environment is an environmental and energy awareness program that is being implemented in the 8th and 9th grade science classes. The program shows students how everyday energy use impacts the environment and how using energy wisely increases environmental quality.

Program Projections: In Concert With The Environment is projected to be presented to 5,000 students during the period. We expect to incur expenses of $159,906 in total expenses.

Program Accomplishments: In Concert With The Environment was not presented to any students during the months of October and November, 1995. During these months, Gulf has been working on ways to improve the process of students entering their audit information into the computers.

Program Fiscal Expenditures: In Concert With The Environment is one of the new conservation programs in Gulf's Demand-Side Management Plan, Docket No. 941172-EI, February 22, 1995. Expenses for the program were not included in the Projection Filing, January, 1995, therefore the expenses for In Concert With The Environment result in the program being over budget for this true-up period. Expenses for the 2 months ending November, 1995, are $5,277.

Program Progress Summary: Since the beginning of the program, 2,761 students have participated in the program.

Program Description and Progress

Program Title: Good Cents Environmental Home

Program Description: Good Cents Environmental Home Program provides residential customers with guidance concerning energy and environmental efficiency in new construction. The program promotes energy-efficient and environmentally sensitive home construction techniques by evaluating over 500 components in six categories of design construction practices.

Program Projections: Gulf projects 75 Good Cents Environmental Homes to be completed during the April, 1996, to March, 1997, projection period and the program to incur $159,906 in expenses. During this period, Gulf will continue education and training efforts for our own personnel and our trade allies. We will initiate promotional and educational activities.

Program Accomplishments: During this recovery period, no Good Cents Environmental Homes were constructed. Several builders have expressed an interest in the program and have indicated that they will be constructing Good Cents Environmental Homes in the future.

Program Fiscal Expenditures: Good Cents Environmental Home is one of the new conservation programs in Gulf's Demand-Side Management Plan, Docket No. 941172-EI, February 22, 1995. Expenses for the program were not included in the Projection Filing, January, 1995, therefore the expenses for Good Cents Environmental Home result in the program being over budget for this true-up period. Expenses for the 2 months ending November, 1995, are $6,148.

Program Progress Summary: Seven homes have been certified to meet the Good Cents Environmental Home standards.

Program Description and Progress

Program Title: Duct Leakage Repair

Program Description: This program design results from Gulf Power's 1992 HVAC Duct and Infiltration (Blower Door) Pilot Program. The object of the program is to provide the customer with a means to identify house air duct leakage and recommend repairs that can reduce customer kWh energy usage and kW demand.

Program Projections: Gulf estimates that 115 customers will participate in the Duct Leakage Repair program during the April, 1996, to March, 1997, time period and that it will incur $113,400 in expenses. Gulf's program activities will include promotion, education, training and testing for HVAC dealers and builders as well as customers in new and existing homes.

Program Accomplishments: Gulf has provided demonstrations and training to builders, dealers and homeowners regarding duct leakage and duct testing methods and procedures during this period.

Program Fiscal Expenditures: This program was started after the current period's projection filing and there have been no expenses thus far in this program.

Program Progress Summary: Program activities have related to education, training, and program development.

Program Description and Progress

Program Title: Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems.

Program Projections: Gulf estimates the installation of 105 units during this projection period and expenses of $299,485. Gulf's program implementation will include promotion, education, training, low interest loans for existing home customers, and guaranteed heating and cooling costs for new and existing home customers.

Program Accomplishments: Gulf has provided dealer and personnel training as well as field days and demonstrations for dealers, builders and customer.

Program Fiscal Expenditures: This is a new program that was not budgeted in the current period projection filing. Thus far, there have been no expenses associated with the program.

Program Progress Summary: Program progress to date has been related primarily to education, training, and program development with only demonstration/educational installations.

Program Description and Progress

Program Title: Advanced Energy Management

Program Description: This program was field tested through the TranstexT Advanced Energy Management Pilot Program in Gulf Breeze, Florida. The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring his/her energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During this projection period, 7,250 customers are expected to participate in this program. Although program initiation was delayed pending a final order in Docket 941172-EI every effort is being made to achieve this participation level. The program expenses are projected to be $323,236 in depreciation and amortization; $235,729, payroll; $5,530, materials; $75,413, outside services; and $7,637, vehicles. These expenses will be offset by program revenues of $275,625.

Program Accomplishments: Extensive progress was made regarding specifications for the Request For Proposal for the AEM equipment. Additional evaluation of the approximately 180 customers remaining on the TranstexT AEM Pilot was also conducted.

Program Fiscal Expenditures: This program has no expenses for the period October through November, 1995.

Program Progress Summary: The AEM RFP responses have been received and reviewed. All RFP responses were analyzed for compliance with the specifications. Four vendors' equipment that either meets or has the possibility of meeting the specifications are being further evaluated for selection.

Program Description and Progress

Program Title: Good ¢ents Building

Program Description: This program is designed to educate non-residential customers on the most cost-effective methods of designing new and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage them to make the most efficient use of all energy sources and available technologies.

Program Projections: For the period April, 1996, through March, 1997, we expect to achieve 257 Good ¢ents Building and incur expenses totaling $421,464.

Program Accomplishments: Our goal during the current period was 51 installations compared to actual installations of 57 for a difference of 6 above goal. This program is essentially on budget.

Program Fiscal Expenditures: Forecasted expenses were $61,878 compared to actual expenses of $67,336 for a deviation of $5,458 over budget. This program is essentially on budget.

Program Progress Summary: A total of 6,772 commercial buildings have qualified for the Good ¢ents certification since the program was developed in 1977.

Program Description and Progress

Program Title: Energy Audits and Technical Assistance Audits

Program Description: This program is designed to provide professional advice to our existing commercial customers on how to reduce and make the most efficient use of energy. This program covers the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include six month and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts.

Program Projections: For the period, April, 1996 through March, 1997, we expect to achieve 365 audits and incur expenses totaling $940,319.

Program Accomplishments: During this period the goal was 81 while actual results were 49 for a difference of 32 below goal. This difference is attributed to two general factors: 1) Milder weather conditions contributed to fewer customer requests for Energy Audits, and 2) Minimal program advertising was conducted this period.

Program Fiscal Expenditures: Forecasted expenses were $114,258 compared to actual expenses of $119,790 for a deviation of $5,532 over budget. This program is over budget due to extensive work pertaining to cogeneration analysis and evaluation being conducted with two large customers. The increase in expenses can be attributed to the complexity and nature of the project.

Program Progress Summary: A total of 10,185 EA/TAA's have been completed since the program started in January, 1981. These audits have ranged from basic walk-through type for some commercial customers to sophisticated technical assistance audits for other commercial customers.

Program Description and Progress

Program Title: The Business Edge

Program Description: The Business Edge is a direct mail energy and environmental auditing program. This program will supplement Gulf's existing Commercial/Industrial Energy Audit program and will assist in the evaluation of the specific energy and environmental requirements of a given business type. Businesses complete a Business Edge questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, hours of operation and other details regarding their business operations. The questionnaire also covers other factors that affect their business success and their expectations related to environmentally sensitive products and services. Completed surveys are analyzed and processed using The Business Edge Software package. The Business Edge package that will be returned to the customer includes targeted, timely information about marketing, energy and environmental opportunities specific to each business type and geographic area.

Program Projections: Gulf expects to have 1,000 customers complete The Business Edge audit during the period and incur expenses of $125,040.

Program Accomplishments: To date, the program is being developed and prepared for implementation.

Program Fiscal Expenditures: No expenditures have been incurred at this time.

Program Progress Summary: This is a new program submitted for Commission approval.

Program Description and Progress

Program Title: Solar for Schools Pilot

Program Description: Gulf Power is working with the Florida Energy Extension Service on the Solar for Schools Program design and implementation. The program combines the installation of solar technologies in participating school facilities with energy conservation education of students.

Program Projections: During the projection period, Gulf will be evaluating various implementation options and developing the "green pricing" billing mechanism and promotion plan. No schools are expected to begin participating during this projection period.

Program Accomplishments: To date, the program is being developed and prepared for implementation.

Program Fiscal Expenditures: There have been no expenses incurred for this program at this time.

Program Progress Summary: Gulf Power is working with the Florida Energy Extension Service on a prototype Solar for Schools installation at the Ferry Pass Middle School in Pensacola, FL. The installation is expected to be completed by the second quarter of 1996. Experience gained at this site will be used to design future Solar for Schools installations. Solicitation for "green pricing" funds has been delayed until implementation of Gulf's new customer billing system, expected to be on line by January, 1997.

Program Description and Progress

Program Title: TranstexT - Advanced Energy Management System (Pilot)

Program Description: This program was developed to encourage energy management by providing customers with an advanced energy management system that allows the homeowner to control their heating, air conditioning and water heating in response to variable pricing. At the heart of this program is the TranstexT Advanced Energy Management System and an innovative variable energy pricing rate schedule.

The experimental rate schedule allows the price of electric energy to vary during the day and by season in relation to the Company's cost of producing or purchasing that energy. The TranstexT System allows the customers to make choices and improve the control of electric energy consumption. These choices will be made in response to the different prices for electric energy at different times of the day and season, thus providing customers greater understanding and control of their energy consumption and monthly bills.

Program Accomplishments: This program was completed in the test phase in the last quarter of 1993. Most of the customers who had the test equipment installed at their house and were on the variable rate (Rate Schedule RSVP) have chosen to stay on the program. Favorable results in both customer satisfaction and energy and demand savings have been identified.

The KW demand savings during both winter and summer peak periods were very positive. The weather-normalized winter peak reduction in 1993 was 3.0 KW while the weather-normalized summer peak demand reduction in 1993 was 2.2 KW per household.

Program Fiscal Expenditures: Program expenses were forecasted at $3,510 compared to actual expenses of $4,207. This program is over budget due to the equipment maintenance during start-up phase of the Residential Energy Management program.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23461 for Gulf Power Company to explore the development of a program to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

Geothermal Heat Pump - A Water Furnace geothermal heat pump (AT034) with heat recovery for domestic hot water is being monitored on a 2333 sq. ft. Good Cents home. In addition, the builder installed a heat pump swimming pool heater using the same loop system as the house heat pump. The electric water heater, with heat recovery, is currently monitored for energy/demand consumption.

This project will produce actual detailed data on the energy and demand requirements for heating and cooling a Good Cents home with a geothermal heat pump. This data will provide energy and demand comparisons to computerized estimates and other fuels and or to air-to-air heat pumps. Monitoring the heat pump pool heater will provide data showing the impact of this type equipment on energy and demand requirements when it is installed on the same closed-loop system.

End-Use Profiling - The purpose of this 3-year project is to develop and provide detailed end use data for the major customer classes (Residential, Commercial and Industrial) as a baseline database for use in forecasting models and for analyzing the effectiveness of demand side management (DSM) programs.

The first year plan called for the sites to be selected from the following Commercial sectors: Churches, Grocery Stores, Health Care, Restaurants and Schools.

The second year plan called for metering multi-family residential dwellings and the remaining Commercial sectors:

Hotels/Motels, Miscellaneous, Offices, Retail and Warehouses.

The third year plan, calls for metering Industrial sites and Residential Mobile Homes. Residential Single Family homes are currently being end use metered as part of a separate study at Georgia Power Company. The Residential Single Family sample will be augmented with sites from the other operating companies. Gulf will have one industrial site in this phase of the project.

Florida Coordinating Group Research and Development - Gulf Power Company is actively participating in a research initiative commissioned by the Florida Coordinating Group Conservation Steering Committee, formed to evaluate and research demand side management measures. The Research and Development (R & D) Task Team has been given the charge of investigating and reviewing several demand side management measures and reporting back to the Conservation Steering Committee with its findings and recommendations. Reflective roof coatings, light colored roofs, ceiling fans, occupancy sensors, dual path air conditioning systems, heat pipe enhanced direct exchange air conditioning and variable air volume are the measures currently being reviewed.

Included in the variable air volume research are the Delchamps Supermarket Test and the Bay County Library Test, both tailored collaboration projects between EPRI and Gulf Power Company.

Projects that are currently being tested and monitored are Moisture and Refrigerant Lab Test, Desiccant Enhanced Air Conditioning, and Moisture and Refrigerants Field Test.

Desiccant Dehumidification Project - Is a research project involving an air conditioning/dehumidification unit in the commercial market segment. The project is expected to last three years and concluding data will include equipment costs, installation and monitoring.

The Efficiency Store - Energy Education - Is intended to provide customers with improved interest, awareness, and understanding of energy efficient technologies. The objective is to display and demonstrate those technologies that are designed to promote energy efficiency.

The Efficiency Store - Commercial Technology Demonstration is intended to provide commercial customers with an avenue to energy efficient technologies. The objective of the store is to actually display and demonstrate those technologies that yield energy savings and benefits to customers. The customer will benefit through the convenience of one location for these demonstration needs and the ability to view new technologies in full use.

Pensacola Junior College (PJC) - Is a project which will allow for full testing of commercial cooking equipment in the new culinary arts and test kitchen at Pensacola Junior College. Final construction and inspections have been completed. Customer demonstrations and student training are scheduled to begin the first quarter of 1996.

Slinky Mat Loop Heat Pump - This type of ground loop design, "slinky loop" or sometimes referred to as a "slinky mat loop", has not been installed in Florida to our knowledge. The system consists of a 2.3 ton Water Furnace geothermal heat pump (AT028)a 2000 square foot home tied to 1800 feet of 3/4 inch polyethylene pipe 5 to 6 feet below grade. The mat loop is designed as 3 - 100 foot trenches with 600 feet of pipe per trench.

One objective of this project will be to determine if this ground loop performs as well as the most common "vertical loop" in extracting and rejecting heat from the earth Another objective of this project is to determine the cost reduction potential of this type of loop. The projected savings on a "slinky loop" installation versus a vertical loop installation for the same unit type is $1,000. If the unit performs, the cost reduction should encourage increased geothermal installations.

This project will also provide performance results associated with kwh, kW demand, ground source efficiency, supply/return water temperatures and hot water recovery kwh/kW reduction, with indoor/outdoor temperature monitoring(wet bulb, dry bulb, relative humidity).

The Dunes - This project monitors two heat pump water heaters in a hotel. The project has been delayed due to structural damage caused by Hurricane Opal. The phone line needed for monitoring is installed but the remainder of the equipment will be delayed for two to three months. When the

project is able to begin, the Heat Pump Water Heaters are expected to offset the KW demand of existing water heaters and to provide air conditioning to the laundry area.

Program Fiscal Expenditures: Program expenses were forecasted at $41,666 compared to actual expenses of $1,584.63 for a deviation of $40,081 under budget. Expenses are under budget due to over-estimating project costs and having projects that required start-up costs but have no expenses on a regular monthly basis. Project expenses were as follows: End-Use Profiling, no expenses this period; Geothermal Heat Pump, no expenses this period; FCG, no expenses this period; Desiccant Dehumidification Heat Pump, $321.68; Efficiency Store - Energy Education, $642.56; Efficiency Store - Commercial Technology, $420.71; PJC, no expenses this period; Slinky Loop Mat Heat Pump, no expenses this period; The Dunes, $199.68.

Program Description and Progress

Program Title: Gas Research and Development

Program Description: Gulf Power's Gas Research and Development plan contains four individual research and demonstration projects. These are:

Triathlon Gas Heat Pump - a residential research project intended to determine long-term system performance, technical feasibility, and cost-effectiveness of engine driven gas heat pumps. Anticipated project duration is 48 months. This project is being conducted as part of an Electric Power research Institute (EPRI) Tailored Collaboration Project with the Southern Electric System. although transferability is not within the scope of the EPRI project, Gulf believes that the combination of field and lab tests under various conditions should provide sufficient information to characterize the unit performance for various ambient condition. Gulf's cost of the project is $6,000 or an 8.8% share.

Gas Engine Driven Chiller - a commercial/industrial project intended to determine the actual operating characteristics and cost-effectiveness of engine driven chillers. The project is being conducted by the Southern Electric System in cooperation with the U.S. Department of Energy and the ambient summer conditions in Atlanta, Georgia are transferable to Gulf's territory. Gulf's 8.8% share of the cost is $500.

Dual Fuel Heat Pump Evaluation - a commercial/industrial project intended to determine the gas and electric energy consumption and cost effectiveness. The project is being conducted by the Southern Electric System in a climate area adjacent to Gulf's service area and therefore transferability of results will not be an issue. Gulf's 8.8% share of the cost is $1,000.

Gas Fired Cogeneration Plant - Tyndall Air Force Base (AFB), located in Panama City, Florida, is in the process of constructing a 500 kW gas fired cogeneration plant. Gulf proposes to fund a monitoring study of the AFB's operational plant to determine cost-effectiveness of utilizing gas technology for cooling, hot water and electric production. The plant will be instrumented and data will be collected to

determine the efficiency of the overall process. Gulf estimates that the cost of this study will not exceed $15,000.

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THE BUSINESS EDGE

Program Description

The Business Edge is a direct mail energy and environmental auditing program. This program will supplement Gulf Power's existing Commercial/Industrial Energy Audit program and will assist in the evaluation of the specific energy and environmental requirements of a given business type.

Businesses complete a Business Edge questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, hours of operation and other detailed questions regarding their business operations. The questionnaire also covers other factors that affect their business success and their expectations related to environmentally sensitive products and services.

Completed surveys are analyzed and processed using The Business Edge software package. The Business Edge package

that will be returned to the customer includes targeted, timely information about marketing, energy and environmental opportunities specific to each business type and geographic area.

Participation Standards

The Business Edge program is available to all Commercial customers. Initial emphasis will be placed on those customers with billing demands of 150 kW or less. The program is designed to involve the business owner, management, or person responsible for energy related decisions for the business by having them inspect their facilities and complete the energy survey themselves.

Benefits and Cost

Benefits for Gulf Power's Commercial customers cover three areas. The first area is better energy management. After reviewing their energy use and business operations, The Business Edge report provides the customer with energy management strategies. New technologies and other ideas are provided to help individual businesses control energy costs. The second area is environmental improvements.

Incorporating the expertise available through The Business Edge program, reports will be generated to include money-saving strategies to reduce solid and hazardous waste. Also ideas for substitute products that conserve water and other resources and reduce waste in their business will be provided. All recommendations are geared to SIC codes and business locations. The third area is defining new marketing opportunities. The Business Edge provides U.S. Census and geo-demographic data that most small businesses could not afford to purchase on their own. Reports provide business owners and managers with profiles of their local customers, along with advice about using these profiles to improve their marketing programs. The Business Edge is an extension of Gulf Power's Commercial/Industrial Energy Audit program as filed in Docket No. 941172-EI. The benefits to the Company, as stated in this docket, indicate a kW reduction per audit to be 1.6 and annual kWh reduction per audit to be 5,887. The Company expects similar results by The Business Edge program since the implementation process mirrors that of the existing Commercial/Industrial Audit program. The current steps include:

1. Customer Contact

2. Survey Completion
3. Survey Analysis
4. Delivery of analysis and follow-up with customer by company representative

An estimated cost of $72.24 per participant has been calculated and is used in the cost-effectiveness calculations.

Monitoring and Evaluation

Gulf Power will validate customer load information during the follow-up visit conducted by the company representative. Gulf Power also will monitor this program through its existing Marketing Reporting System (MRS) which will enable the tracking of participating customers.

Surveys will be conducted with customers who participate in the program to establish levels of customer satisfaction with the program process and the information it provides. Dependent upon the level of participation, interviews may also be conducted with non-participants to assess reasons for non-participation.

Cost Effectiveness

This program is cost-effective using the Commission's approved methodology (Rule 25-17.008). The summary tables are included in Attachment A. The cost-effectiveness runs are included in Attachment B.

Program Name: Business Edge

At the Meter						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual kWh Reduction	Total Annual Winter kW Reduction	Total Annual Summer kW Reduction
1996	5,887	1.60	1.60	5,887,000	1,600	1,600
1997	5,887	1.60	1.60	5,887,000	1,600	1,600
1998	5,887	1.60	1.60	5,887,000	1,600	1,600
1999	5,887	1.60	1.60	5,887,000	1,600	1,600
2000	5,887	1.60	1.60	5,887,000	1,600	1,600

At the Generator						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual kWh Reduction	Total Annual Winter kW Reduction	Total Annual Summer kW Reduction
1996	6,340	2.07	2.07	6,340,299	2,070	2,070
1997	6,340	2.07	2.07	6,340,299	2,070	2,070
1998	6,340	2.07	2.07	6,340,299	2,070	2,070
1999	6,340	2.07	2.07	6,340,299	2,070	2,070
2000	6,340	2.07	2.07	6,340,299	2,070	2,070

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
1996	30,666	30,053	1,000	3.33%	1,000
1997	31,331	30,704	1,000	6.51%	2,000
1998	31,986	31,346	1,000	9.57%	3,000
1999	32,648	31,995	1,000	12.50%	4,000
2000	33,325	32,659	1,000	15.31%	5,000

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INPUT DATA – PART 1
BusEdge
DSM_RULE PROGRAM

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I. PROGRAM DEMAND SAVINGS AND LINE LOSSES

(1) CUSTOMER KW REDUCTION AT THE METER	1.60	KW/CUST
(2) GENERATOR KW REDUCTION PER CUSTOMER	2.07	KW GEN/CUST
(3) KW LINE LOSS PERCENTAGE	12.6	%
(4) GENERATION KWH REDUCTION PER CUSTOMER	6,340.3	KWH/CUST/YR
(5) KWH LINE LOSS PERCENTAGE	7.7	%
(6) GROUP LINE LOSS MULTIPLIER	1.0034	
(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0.0	KWH/CUST/YR
(8)* CUSTOMER KWH REDUCTION AT METER	5,867.0	KWH/CUST/YR
CUSTOMER KW REDUCTION AT METER (Winter)	1.60	

II. ECONOMIC LIFE AND K FACTORS

(1) STUDY PERIOD FOR CONSERVATION PROGRAM	30	YEARS
(2) GENERATOR ECONOMIC LIFE	40	YEARS
(3) T & D ECONOMIC LIFE	30	YEARS
(4) K FACTOR FOR GENERATION	1.4851	
(5) K FACTOR FOR T & D	1.4851	
(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1	

III. UTILITY AND CUSTOMER COSTS

(1) UTILITY NONRECURRING COST PER CUSTOMER	72.24	$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	0.00	$/CUST/YR
(3) UTILITY COST ESCALATION RATE	3.25	%
(4) CUSTOMER EQUIPMENT COST	0.00	$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	3.25	%
(6) CUSTOMER O & M COST	0.00	$/CUST/YR
(7) CUSTOMER O & M ESCALATION RATE	3.25	%
(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0.00	$/CUST
(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0.00	%
(10)* INCREASED SUPPLY COSTS	0.00	$/CUST/YR
(11)* SUPPLY COSTS ESCALATION RATE	0.00	%
(12)* UTILITY DISCOUNT RATE	8.47%	
(13)* UTILITY AFUDC RATE	7.27%	
(14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00	$/CUST
(15)* UTILITY RECURRING REBATE/INCENTIVE	0.00	$/CUST/YR
(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0.00	%

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

STOP REV LOSS: NO

IV. AVOIDED GENERATOR, TRANS. AND DIST. COSTS

(1) BASE YEAR	1995	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	1999	
(3) IN-SERVICE YEAR FOR AVOIDED T & D	1999	
(4) BASE YEAR AVOIDED GENERATING UNIT COST	274.00	$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	54.00	$/KW
(6) BASE YEAR DISTRIBUTION COST	27.00	$/KW
(7) GEN, TRAN, & DIST COST ESCALATION RATE	3.25	%
(8) GENERATOR FIXED O & M COST	2.50	$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.80	%
(10) TRANSMISSION FIXED O & M COST	0.32	$/KW/YR
(11) DISTRIBUTION FIXED O & M COST	0.00	$/KW/YR
(12) T&D FIXED O&M ESCALATION RATE	3.25	%
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.624	CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	3.10	%
(15) GENERATOR CAPACITY FACTOR	3.40	%
(16) AVOIDED GENERATING UNIT FUEL COST	2.760	CENTS/KWH
(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	7.61	%
(18)* AVOIDED PURCHASE CAPACITY COST PER KW	0.00	$/KW/YR
(19)* CAPACITY COST ESCALATION RATE	3.25	%

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	1.300	CENTS/KWH
(2) NON-FUEL ESCALATION RATE	1.15	%
(3) CUSTOMER DEMAND CHARGE PER KW	4.56	$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	1.15	%
(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	1.00	

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TOTAL RESOURCE TEST:	82.43
PARTICIPANT TEST:	ERR
RATE IMPACT TEST:	1.14

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BusEdge

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CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT
PLANT: 1999 AVOIDED UNIT

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(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)
1990	-9	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1991	-8	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1992	-7	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1993	-6	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1994	-5	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1995	-4	2.7%	1.0270	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1996	-3	3.0%	1.0578	3.0%	8.70	4.35	4.35	0.32	9.01	9.01
1997	-2	3.2%	1.0917	2.5%	7.48	12.43	12.75	0.93	8.40	17.42
1998	-1	3.1%	1.1255	87.0%	268.30	150.32	151.56	11.02	279.32	296.73
1999	0	3.3%	1.1626	7.5%	23.89	296.42	308.68	22.44	46.33	343.07
				1.00	308.36			34.70	343.07	

80

IN-SERVICE YEAR = 1999

PLANT COSTS (1995 $) $274.0
AFUDC RATE: 7.27%

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——— DSM_RULE PROGRAM ———

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(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COSTS (C/KWH)	(5) AVOIDED MARGINAL FUEL COST (C/KWH)	(6) INCREASED MARGINAL FUEL COST (C/KWH)	(7) REPLACEMENT FUEL COST (C/KWH)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KWH EFFECTIVENESS FACTOR	(10) OTHER COSTS ($000)	(11) OTHER BENEFITS ($000)
1995	0	0	2.06	1.46	1.48	1.47	1.00	1.00	0	0
1996	1,000	1,000	2.20	1.56	1.60	1.58	1.00	1.00	0	0
1997	2,000	2,000	2.11	1.70	1.74	1.72	1.00	1.00	0	0
1998	3,000	3,000	2.08	1.77	1.82	1.80	1.00	1.00	0	0
1999	4,000	4,000	1.96	1.86	1.91	1.89	1.00	1.00	0	0
2000	5,000	5,000	1.85	2.02	2.08	2.06	1.00	1.00	0	0
2001	5,000	5,000	1.86	2.07	2.14	2.12	1.00	1.00	0	0
2002	5,000	5,000	1.93	2.36	2.44	2.42	1.00	1.00	0	0
2003	5,000	5,000	2.00	2.49	2.59	2.56	1.00	1.00	0	0
2004	5,000	5,000	2.10	2.77	2.87	2.84	1.00	1.00	0	0
2005	5,000	5,000	2.19	3.00	3.11	3.08	1.00	1.00	0	0
2006	5,000	5,000	2.26	3.27	3.38	3.35	1.00	1.00	0	0
2007	5,000	5,000	2.35	3.53	3.66	3.62	1.00	1.00	0	0
2008	5,000	5,000	2.45	3.95	4.08	4.04	1.00	1.00	0	0
2009	5,000	5,000	2.33	4.32	4.45	4.41	1.00	1.00	0	0
2010	5,000	5,000	2.41	4.76	4.90	4.85	1.00	1.00	0	0
2011	5,000	5,000	2.38	5.57	5.71	5.65	1.00	1.00	0	0
2012	5,000	5,000	2.42	5.81	5.95	5.89	1.00	1.00	0	0
2013	5,000	5,000	2.52	6.02	6.17	6.11	1.00	1.00	0	0
2014	5,000	5,000	2.63	6.27	6.43	6.37	1.00	1.00	0	0
2015	5,000	5,000	2.73	6.52	6.69	6.62	1.00	1.00	0	0
2016	5,000	5,000	2.88	6.78	6.96	6.89	1.00	1.00	0	0
2017	5,000	5,000	3.06	7.05	7.24	7.17	1.00	1.00	0	0
2018	5,000	5,000	3.20	7.33	7.53	7.46	1.00	1.00	0	0
2019	5,000	5,000	3.34	7.64	7.85	7.78	1.00	1.00	0	0
2020	5,000	5,000	3.49	7.97	8.19	8.12	1.00	1.00	0	0
2021	5,000	5,000	3.65	8.32	8.55	8.47	1.00	1.00	0	0
2022	5,000	5,000	3.42	8.68	8.93	8.85	1.00	1.00	0	0
2023	5,000	5,000	4.00	9.07	9.33	9.24	1.00	1.00	0	0
2024	5,000	5,000	4.18	9.48	9.75	9.66	1.00	1.00	0	0

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AVOIDED GENERATION UNIT BENEFITS
BusEdge
DSM_RULE PROGRAM

PSC FORM CE 2.1
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* UNIT SIZE OF AVOIDED GENERATION UNIT = 10,359.0 KW
* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = $3,553.8

(1) YEAR	(1A)* VALUE OF DEFERRAL FACTOR	(2) AVOIDED GEN UNIT CAPACITY COST $(000)	(2A)* AVOIDED ANNUAL UNIT KWH GEN (000)	(3) AVOIDED UNIT FIXED O&M COST $(000)	(4) AVOIDED GEN UNIT VARIABLE O&M COST $(000)	(5) AVOIDED GEN UNIT FUEL COST $(000)	(6) REPLACEMENT FUEL COST $(000)	(6A)* AVOIDED PURCHASED CAPACITY COSTS $(000)	(7) AVOIDED GEN UNIT BENEFITS $(000)
1995	0.000	0	0	0	0	0	0	0	0
1996	0.000	0	0	0	0	0	0	0	0
1997	0.000	0	0	0	0	0	0	0	0
1998	0.000	0	0	0	0	0	0	0	0
1999	0.083	295	3,085	29	22	115	58	0	403
2000	0.086	305	3,085	30	22	124	64	0	417
2001	0.089	315	3,085	31	23	133	65	0	436
2002	0.091	325	3,085	31	24	143	75	0	449
2003	0.094	335	3,085	32	25	154	79	0	468
2004	0.097	346	3,085	33	25	166	88	0	483
2005	0.101	358	3,085	34	26	179	95	0	501
2006	0.104	369	3,085	35	27	192	103	0	520
2007	0.107	381	3,085	36	28	207	112	0	540
2008	0.111	394	3,085	37	29	223	125	0	557
2009	0.114	406	3,085	38	30	239	136	0	577
2010	0.118	420	3,085	39	30	258	150	0	597
2011	0.122	433	3,085	40	31	277	174	0	608
2012	0.126	447	3,085	41	32	298	182	0	638
2013	0.130	462	3,085	43	33	321	189	0	670
2014	0.134	477	3,085	44	34	346	197	0	704
2015	0.139	492	3,085	45	35	372	204	0	740
2016	0.143	508	3,085	46	37	400	213	0	779
2017	0.148	525	3,085	48	38	431	221	0	820
2018	0.153	542	3,085	49	39	463	230	0	863
2019	0.157	560	3,085	50	40	499	240	0	909
2020	0.163	578	3,085	52	41	537	251	0	957
2021	0.168	597	3,085	53	43	577	261	0	1,008
2022	0.173	616	3,085	55	44	621	273	0	1,063
2023	0.179	636	3,085	56	45	669	285	0	1,121
2024	0.185	657	3,085	58	47	720	298	0	1,182
NOMINAL		11,778	80,220	1,085	850	8,664	4,366	0	18,011
NPV		3,200		301	233	1,958	1,023	0	4,667

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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AVOIDED T & D AND PROGRAM FUEL SAVINGS
BusEdge
—— DSM_RULE PROGRAM ——

PSC FORM CE 2.2
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* INSERVICE COSTS OF AVOIDED TRANS. (000) = $635.7
* INSERVICE COSTS OF AVOIDED DIST. (000) = $245.5

(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)
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	50
1997	0	0	0	0	0	0	163
1998	0	0	0	0	0	0	282
1999	59	4	63	23	0	23	415
2000	61	4	65	23	0	23	580
2001	63	4	67	24	0	24	660
2002	65	4	69	25	0	25	753
2003	67	4	71	26	0	26	794
2004	69	4	73	27	0	27	883
2005	71	5	76	28	0	28	957
2006	74	5	78	28	0	28	1,043
2007	76	5	81	29	0	29	1,126
2008	78	5	84	30	0	30	1,260
2009	81	5	86	31	0	31	1,378
2010	84	5	89	32	0	32	1,518
2011	86	6	92	33	0	33	1,776
2012	89	6	95	34	0	34	1,853
2013	92	6	98	36	0	36	1,920
2014	95	6	101	37	0	37	2,000
2015	98	6	104	38	0	38	2,079
2016	101	6	108	39	0	39	2,162
2017	105	7	111	40	0	40	2,248
2018	108	7	115	42	0	42	2,338
2019	112	7	119	43	0	43	2,436
2020	115	7	123	44	0	44	2,542
2021	119	8	127	46	0	46	2,653
2022	123	8	131	47	0	47	2,768
2023	127	8	135	49	0	49	2,892
2024	131	8	139	51	0	51	3,023
NOMINA	2,349	150	2,499	907	0	907	44,551
NPV:	638	41	679	246	0	246	10,606

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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p_5 * WORKSHEET : DSM PROGRAM FUEL SAVINGS WORKSHEET FOR FORM CE 2.2

BusEdge Page 1 of 2

——— DSM_RULE PROGRAM ——— 18-Dec-95

(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)
1995	0	0	0	0	0	0
1996	3,189	50	0	0	50	50
1997	9,567	163	0	0	163	163
1998	15,945	282	0	0	282	282
1999	22,323	415	0	0	415	415
2000	28,702	580	0	0	580	580
2001	31,891	660	0	0	660	660
2002	31,891	753	0	0	753	753
2003	31,891	794	0	0	794	794
2004	31,891	883	0	0	883	883
2005	31,891	957	0	0	957	957
2006	31,891	1,043	0	0	1,043	1,043
2007	31,891	1,126	0	0	1,126	1,126
2008	31,891	1,260	0	0	1,260	1,260
2009	31,891	1,378	0	0	1,378	1,378
2010	31,891	1,518	0	0	1,518	1,518
2011	31,891	1,776	0	0	1,776	1,776
2012	31,891	1,853	0	0	1,853	1,853
2013	31,891	1,920	0	0	1,920	1,920
2014	31,891	2,000	0	0	2,000	2,000
2015	31,891	2,079	0	0	2,079	2,079
2016	31,891	2,162	0	0	2,162	2,162
2017	31,891	2,248	0	0	2,248	2,248
2018	31,891	2,338	0	0	2,338	2,338
2019	31,891	2,436	0	0	2,436	2,436
2020	31,891	2,542	0	0	2,542	2,542
2021	31,891	2,653	0	0	2,653	2,653
2022	31,891	2,768	0	0	2,768	2,768
2023	31,891	2,892	0	0	2,892	2,892
2024	31,891	3,023	0	0	3,023	3,023
NOMINAL	845,100	44,551	0	0	44,551	44,551
NPV:		10,606		0	10,606	10,606

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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P_6 * WORKSHEET: UTILITY COSTS AND PARTICIPANT COSTS AND REV LOSS/GAIN

BusEdge

DSM_RULE PROGRAM

WORKSHEET FOR FORM CE 2.2
Page 2 of 2
Dec-95

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	← UTILITY PROGRAM COSTS & REBATES →						← PARTICIPATING CUSTOMER COSTS & BENEFITS →										
YEAR	UTIL NONREC. COSTS $(000)	UTIL RECUR COSTS $(000)	TOTAL UTIL PGM COSTS $(000)	UTIL NONREC. REBATES $(000)	UTIL RECUR. REBATES $(000)	TOTAL REBATE/ INCENT. COSTS $(000)	PARTIC. CUST EQUIP COSTS $(000)	PARTIC. CUST O & M COSTS $(000)	TOTAL COSTS PARTIC. CUST $(000)	REDUCT. IN CUST. KWH (000)	RED. REV. - FUEL PORTION $(000)	RED. REV. NONFUEL PORTION $(000)	EFFECT. REV. REDUCT. IN BILL $(000)	INC. IN CUST. KWH (000)	INC. REV. - FUEL PORTION $(000)	INC. REV. NONFUEL PORTION	EFFECT. REVENU INC. IN BILL $(000)
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	75	0	75	0	0	0	0	0	0	2,944	65	83	148	0	0	0	0
1997	77	0	77	0	0	0	0	0	0	8,831	187	252	439	0	0	0	0
1998	80	0	80	0	0	0	0	0	0	14,718	307	425	732	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	20,605	405	601	1,006	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	26,492	491	782	1,273	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	29,435	550	879	1,429	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	29,435	570	889	1,459	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	29,435	590	899	1,489	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	29,435	619	909	1,528	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	29,435	648	920	1,568	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	29,435	669	930	1,599	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	29,435	695	941	1,636	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	29,435	723	952	1,675	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	29,435	687	963	1,650	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	29,435	713	974	1,687	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	29,435	704	985	1,689	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	29,435	714	996	1,710	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	29,435	745	1,008	1,752	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	29,435	776	1,019	1,795	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	29,435	805	1,031	1,837	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	29,435	852	1,043	1,895	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	29,435	903	1,055	1,959	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	29,435	946	1,067	2,014	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	29,435	986	1,079	2,065	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	29,435	1,030	1,092	2,122	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	29,435	1,077	1,104	2,182	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	29,435	1,009	1,117	2,126	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	29,435	1,181	1,130	2,311	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	29,435	1,235	1,143	2,378	0	0	0	0
	231	0	231	0	0	0	0	0	0	780,028	20,880	26,270	47,150	0	0	0	0
	197	0	197	0	0	0	0	0	0		5,920	8,074	13,994		0	0	0

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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GULF POWER COMPANY
Witness: Margaret D. Neyman
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TOTAL RESOURCE COST TESTS

BusEdge

DSM_RULE PROGRAM

PSC FORM CE 2.3
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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)
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	75	0	0	75	75	0	0	50	0	50	50	(25)	(23)
1997	0	77	0	0	77	152	0	0	163	0	163	212	86	50
1998	0	80	0	0	80	231	0	0	282	0	282	495	203	209
1999	0	0	0	0	0	231	403	85	415	0	903	1,398	903	861
2000	0	0	0	0	0	231	417	88	580	0	1,085	2,483	1,085	1,583
2001	0	0	0	0	0	231	436	91	660	0	1,187	3,670	1,187	2,312
2002	0	0	0	0	0	231	449	94	753	0	1,295	4,965	1,295	3,045
2003	0	0	0	0	0	231	468	97	794	0	1,359	6,324	1,359	3,754
2004	0	0	0	0	0	231	483	100	883	0	1,467	7,791	1,467	4,459
2005	0	0	0	0	0	231	501	103	957	0	1,562	9,352	1,562	5,152
2006	0	0	0	0	0	231	520	107	1,043	0	1,670	11,022	1,670	5,834
2007	0	0	0	0	0	231	540	110	1,126	0	1,776	12,798	1,776	6,503
2008	0	0	0	0	0	231	557	114	1,260	0	1,931	14,729	1,931	7,174
2009	0	0	0	0	0	231	577	118	1,378	0	2,073	16,802	2,073	7,838
2010	0	0	0	0	0	231	597	121	1,518	0	2,237	19,038	2,237	8,496
2011	0	0	0	0	0	231	608	125	1,776	0	2,510	21,548	2,510	9,181
2012	0	0	0	0	0	231	638	129	1,853	0	2,620	24,168	2,620	9,838
2013	0	0	0	0	0	231	670	134	1,920	0	2,724	26,891	2,724	10,468
2014	0	0	0	0	0	231	704	138	2,000	0	2,842	29,733	2,842	11,074
2015	0	0	0	0	0	231	740	142	2,079	0	2,962	32,695	2,962	11,656
2016	0	0	0	0	0	231	779	147	2,162	0	3,088	35,783	3,088	12,216
2017	0	0	0	0	0	231	820	152	2,248	0	3,220	39,003	3,220	12,754
2018	0	0	0	0	0	231	863	157	2,338	0	3,357	42,360	3,357	13,271
2019	0	0	0	0	0	231	909	162	2,436	0	3,507	45,867	3,507	13,768
2020	0	0	0	0	0	231	957	167	2,542	0	3,666	49,532	3,666	14,248
2021	0	0	0	0	0	231	1,008	172	2,653	0	3,834	53,366	3,834	14,711
2022	0	0	0	0	0	231	1,063	178	2,768	0	4,009	57,375	4,009	15,157
2023	0	0	0	0	0	231	1,121	184	2,892	0	4,197	61,573	4,197	15,587
2024	0	0	0	0	0	231	1,182	190	3,023	0	4,396	65,968	4,396	16,002
NOMINAL	0	231	0	0	231		18,011	3,406	44,551	0	65,968		65,737	
NPV:	0	197	0	0	197		4,667	925	10,606	0	16,199		16,002	

Discount Rate 8.47%

Benefit/Cost Ratio: col (11) / col (6) 82.4

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PARTICIPANT COSTS AND BENEFITS
BusEdge
——— DSM_RULE PROGRAM ———

PSC FORM CE 2.4
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(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)	(10)		(11)	(12)
YEAR	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O & M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)		SAVINGS IN PARTICIPANT BILL $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)		NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	148	0	0	0	148	148	148	136
1997	0	0	0	0	0	439	0	0	0	439	587	439	509
1998	0	0	0	0	0	732	0	0	0	732	1,318	732	1,083
1999	0	0	0	0	0	1,006	0	0	0	1,006	2,324	1,006	1,809
2000	0	0	0	0	0	1,273	0	0	0	1,273	3,597	1,273	2,657
2001	0	0	0	0	0	1,429	0	0	0	1,429	5,026	1,429	3,534
2002	0	0	0	0	0	1,459	0	0	0	1,459	6,485	1,459	4,359
2003	0	0	0	0	0	1,489	0	0	0	1,489	7,973	1,489	5,136
2004	0	0	0	0	0	1,528	0	0	0	1,528	9,502	1,528	5,871
2005	0	0	0	0	0	1,568	0	0	0	1,568	11,069	1,568	6,566
2006	0	0	0	0	0	1,599	0	0	0	1,599	12,668	1,599	7,219
2007	0	0	0	0	0	1,636	0	0	0	1,636	14,304	1,636	7,835
2008	0	0	0	0	0	1,675	0	0	0	1,675	15,979	1,675	8,417
2009	0	0	0	0	0	1,650	0	0	0	1,650	17,629	1,650	8,946
2010	0	0	0	0	0	1,687	0	0	0	1,687	19,316	1,687	9,444
2011	0	0	0	0	0	1,689	0	0	0	1,689	21,005	1,689	9,903
2012	0	0	0	0	0	1,710	0	0	0	1,710	22,715	1,710	10,332
2013	0	0	0	0	0	1,752	0	0	0	1,752	24,468	1,752	10,738
2014	0	0	0	0	0	1,795	0	0	0	1,795	26,263	1,795	11,120
2015	0	0	0	0	0	1,837	0	0	0	1,837	28,099	1,837	11,481
2016	0	0	0	0	0	1,895	0	0	0	1,895	29,994	1,895	11,825
2017	0	0	0	0	0	1,959	0	0	0	1,959	31,953	1,959	12,152
2018	0	0	0	0	0	2,014	0	0	0	2,014	33,966	2,014	12,462
2019	0	0	0	0	0	2,065	0	0	0	2,065	36,031	2,065	12,755
2020	0	0	0	0	0	2,122	0	0	0	2,122	38,153	2,122	13,033
2021	0	0	0	0	0	2,182	0	0	0	2,182	40,335	2,182	13,296
2022	0	0	0	0	0	2,126	0	0	0	2,126	42,461	2,126	13,533
2023	0	0	0	0	0	2,311	0	0	0	2,311	44,772	2,311	13,770
2024	0	0	0	0	0	2,378	0	0	0	2,378	47,150	2,378	13,994
NOMINAL	0	0	0	0		47,150	0	0	0	47,150		47,150	
NPV:	0	0	0	0		13,994	0	0	0	13,994		13,994	

In service year of gen unit: 1999
Discount rate: 8.47%
Benefit/Cost Ratio: col (10) / col (5) ERR

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F_25

RATE IMPACT TEST
BusEdge
——— DSM_RULE PROGRAM ———

PSC FORM CE 2.5
Page 1 of 1
18-Dec-95

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)	(11)	(12)		(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	ACCUM. COSTS:	AVOIDED GEN UNIT UNIT BENEFITS $(000)	AVOIDED T & D BENEFITS $(000)	PROGRAM FUEL BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	ACCUM. BENEF.	NET BENEFITS TO ALL CUSTOMERS $(000)	CUMULATIVE DISCOUNTED NET BENEFIT $(000)
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	75	0	148	0	223	223	0	0	50	0	0	50	50	(173)	(159)
1997	0	77	0	439	0	516	738	0	0	163	0	0	163	212	(353)	(459)
1998	0	80	0	732	0	811	1,550	0	0	282	0	0	282	495	(529)	(874)
1999	0	0	0	1,006	0	1,006	2,555	403	85	415	0	0	903	1,398	(103)	(948)
2000	0	0	0	1,273	0	1,273	3,828	417	88	580	0	0	1,085	2,483	(188)	(1,073)
2001	0	0	0	1,429	0	1,429	5,257	436	91	660	0	0	1,187	3,670	(242)	(1,222)
2002	0	0	0	1,459	0	1,459	6,716	449	94	753	0	0	1,295	4,965	(163)	(1,314)
2003	0	0	0	1,489	0	1,489	8,205	468	97	794	0	0	1,359	6,324	(130)	(1,382)
2004	0	0	0	1,528	0	1,528	9,733	483	100	883	0	0	1,467	7,791	(61)	(1,411)
2005	0	0	0	1,568	0	1,568	11,300	501	103	957	0	0	1,562	9,352	(6)	(1,414)
2006	0	0	0	1,599	0	1,599	12,899	520	107	1,043	0	0	1,670	11,022	71	(1,385)
2007	0	0	0	1,636	0	1,636	14,535	540	110	1,126	0	0	1,776	12,798	140	(1,332)
2008	0	0	0	1,675	0	1,675	16,210	557	114	1,260	0	0	1,931	14,729	256	(1,243)
2009	0	0	0	1,650	0	1,650	17,860	577	118	1,378	0	0	2,073	16,802	423	(1,108)
2010	0	0	0	1,687	0	1,687	19,547	597	121	1,518	0	0	2,237	19,038	550	(946)
2011	0	0	0	1,689	0	1,689	21,236	608	125	1,778	0	0	2,510	21,548	820	(723)
2012	0	0	0	1,710	0	1,710	22,946	638	129	1,853	0	0	2,620	24,168	910	(494)
2013	0	0	0	1,752	0	1,752	24,699	670	134	1,920	0	0	2,724	26,891	971	(270)
2014	0	0	0	1,795	0	1,795	26,494	704	138	2,000	0	0	2,842	29,733	1,046	(46)
2015	0	0	0	1,837	0	1,837	28,330	740	142	2,079	0	0	2,962	32,695	1,125	175
2016	0	0	0	1,895	0	1,895	30,225	779	147	2,162	0	0	3,088	35,783	1,193	391
2017	0	0	0	1,959	0	1,959	32,184	820	152	2,248	0	0	3,220	39,003	1,261	602
2018	0	0	0	2,014	0	2,014	34,197	863	157	2,338	0	0	3,357	42,360	1,344	809
2019	0	0	0	2,065	0	2,065	36,262	909	162	2,436	0	0	3,507	45,867	1,442	1,013
2020	0	0	0	2,122	0	2,122	38,384	957	167	2,542	0	0	3,666	49,532	1,543	1,215
2021	0	0	0	2,182	0	2,182	40,566	1,008	172	2,653	0	0	3,834	53,366	1,652	1,415
2022	0	0	0	2,126	0	2,126	42,692	1,063	178	2,768	0	0	4,009	57,375	1,883	1,624
2023	0	0	0	2,311	0	2,311	45,003	1,121	184	2,892	0	0	4,197	61,573	1,887	1,817
2024	0	0	0	2,378	0	2,378	47,381	1,182	190	3,023	0	0	4,396	65,968	2,018	2,008
NOMINAL	0	231	0	47,150	0	47,381		11,011	3,406	44,551	0	0	65,968		18,587	
NPV	0	197	0	13,994	0	14,191		4,667	925	10,606	0	0	16,199		2,008	

Discount rate: 8.47%
Benefit / Cost Ratio - Col (12)/Col (7) 1.14

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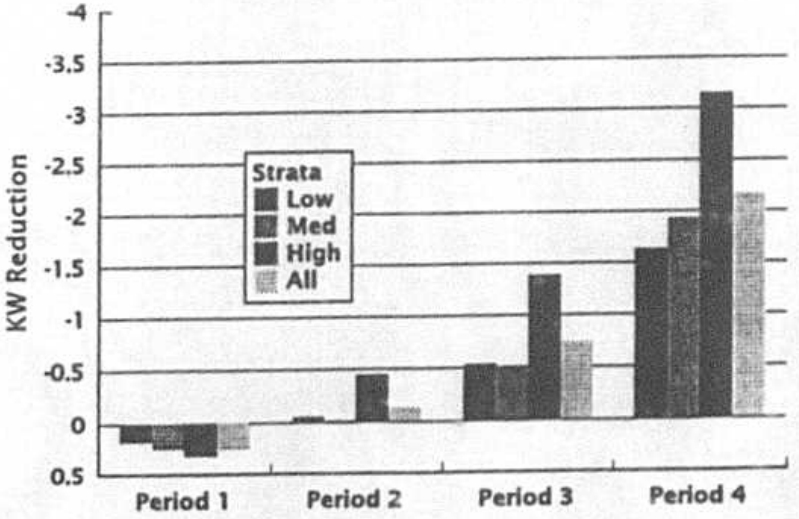
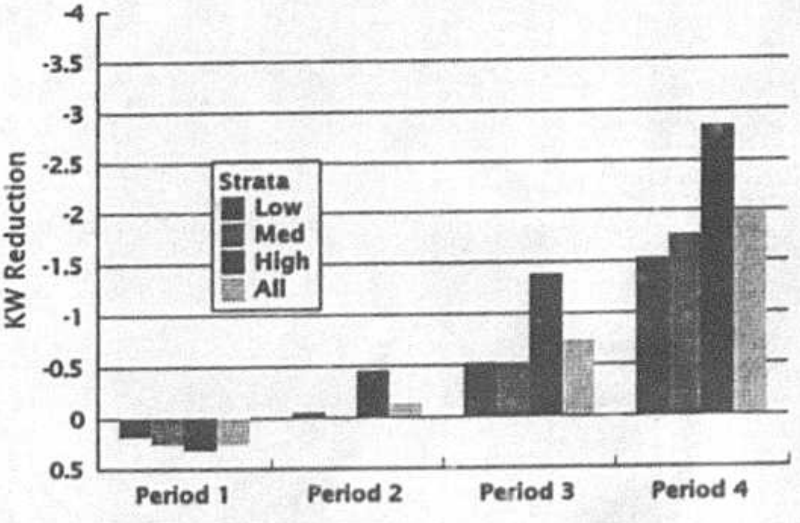
Weather Normalized Load Response
1993 Summer



Actual Load Response
1993 Summer



AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 960002-EG

Before me the undersigned authority, personally appeared Margaret D. Neyman, who being first duly sworn, deposes and says that she is the Market Services Manager of Gulf Power Company, a Maine Corporation, that the foregoing is true and correct to the best of her knowledge, information and belief. She is personally known to me.

Margaret D. Neyman
Market Services Manager

Sworn to and subscribed before me this 17th day of January, 1996.

JESSICA L. PFEIFFER
MY COMMISSION EXPIRES
FEBRUARY 7, 1997
#CC 257876
Bonded thru
Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

Notary Public, State of Florida at Large

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 960002-EG

Before me the undersigned authority, personally appeared Margaret D. Neyman, who being first duly sworn, deposes and says that she is the Market Services Manager of Gulf Power Company, a Maine Corporation, that the foregoing is true and correct to the best of her knowledge, information and belief. She is personally known to me.

Margaret D. Neyman
Margaret D. Neyman
Market Services Manager

Sworn to and subscribed before me this 17th day of January, 1996.

JESSICA L. PFEIFFER
MY COMMISSION EXPIRES
FEBRUARY 7, 1997
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Jessica L. Pfeiffer
Notary Public, State of Florida at Large