



May 15, 1997

970596-EG

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: Petition for Authority to Implement Residential Mail-In Energy Survey
Program

Enclosed are an original and fifteen copies of Gulf Power Company's Petition for approval of a new program in the Company's energy conservation plan.

Also enclosed is a 3.5 inch double sided, high density diskette containing the Petition in WordPerfect for Windows 6.0 format as prepared on a MS-DOS based computer.

ACK _____ Sincerely,
 AFA _____
 APP _____ *Susan D Cranmer*
 CAF _____ Susan D. Cranmer
 CMU _____ Assistant Secretary and Assistant Treasurer
 CTR _____
 EAG _____ lw
 LEG _____ Enclosures
 LIN _____
 OPC _____ cc: Beggs and Lane
 RCH _____ Jeffrey A. Stone, Esquire
 SEC _____
 WAS _____
 OTH _____

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Petition for Authority to Implement
Residential Mail-in Energy Survey Program
by Gulf Power Company

Docket:
Filed: May 16, 1997

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and through its undersigned attorneys, and pursuant to Section 366.82(5) of the Florida Statutes and Rule 25-17.015 of the Florida Administrative Code, hereby petitions the Florida Public Service Commission for approval of a new program in the Company's energy conservation plan. In support thereof the Company would respectfully show:

1. Gulf is a corporation with its headquarters located at 500 Bayfront Parkway, Pensacola, Florida 32520. The Company is an investor-owned utility operating under the jurisdiction of this Commission.
2. Gulf hereby requests authority from the Commission to implement a mail-in audit program. A detailed description of the Residential Mail-in Energy Survey Program is provided in the attached Exhibit, which is incorporated herein by reference.
3. The Residential Mail-in Energy Survey Program is a direct-mail energy auditing program that is intended to assist in the evaluation of the specific energy requirements of a customer's home. The analysis of an individual customer's energy use will be utilized to provide the customer with

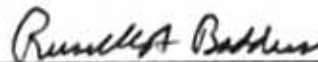
energy management strategies to enhance the energy efficiency of his/her home.

4. The Company expects benefits to be similar to those for the Residential Energy Audit Program, therefore a 0.1 kW reduction and an annual 211 kWh reduction per audit is expected. Program monitoring and evaluation will be through follow-up visits with the customer and the Marketing Reporting System (MRS).

5. The Program uses the Commission approved methodology, Rule 25-17.008, F.A.C., for cost-effectiveness calculations. The summary tables and the cost-effectiveness runs are included in Attachments A and B. A negative cost/benefit exists for this program.

WHEREFORE, Gulf Power Company respectfully requests the Commission to authorize the Company to implement a Residential Mail-in Energy Survey Program consistent with this petition.

Dated this 15th day of May, 1997



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RESIDENTIAL
MAIL-IN ENERGY SURVEY

Program Description

The Residential Mail-In Energy Survey Program is a direct mail energy auditing program and will assist in the evaluation of the specific energy requirements of a customer's home.

Gulf will mail an introductory letter and Residential Mail-In Energy Survey questionnaire to the customer. The letter will explain how the program works and the benefits the customer will receive by participating. Customers will then complete the questionnaire on their own or may request the assistance of a Gulf Power representative. The questionnaire will ask customers about their energy consuming equipment or appliances, square footage, and other detailed questions regarding their existing energy practices.

Completed surveys will be returned to Gulf or its agent to be analyzed and processed to generate a personalized customer analysis. This analysis will identify specific recommendations the participant can implement to reduce their energy consumption. A complete analysis will be mailed to the customer and a Gulf Power representative will provide any follow-up assistance requested by the customer to aid in implementation of the recommendations made in the analysis.

Participation Standards

The Residential Mail-In Energy Survey program will be available to all residential customers. *Gulf anticipates conducting half its present energy survey requests utilizing this format.* The program is designed to involve the home owner, or person responsible for energy related decisions.

Benefits and Cost

Benefits for Gulf's customers are achieved through the customers' participation in the program. The customer analysis is specific to each customer's survey responses and business type. The analysis makes customer specific recommendations for lowering energy costs. After reviewing the customer's energy use, the analysis provides the customer with energy management strategies to enhance the energy efficiency of their home. New technologies and other ideas are provided to help individual customers control energy costs.

The Residential Mail-In Energy Survey program is an extension of Gulf's Residential Energy Audit program as filed in Docket No. 941172-EI. The Company expects the results from The Residential Mail-In Energy Survey program to be similar to the existing Residential Energy Audit program since the implementation process mirrors that of the existing program.

The current steps include:

1. Customer Contact
2. Survey Completion
3. Survey Analysis
4. Forwarding of analysis and follow-up with the customer by a company representative

The Company expects benefits to be similar to those stated in Docket No. 941172-EI, therefore a 0.1 kW reduction per audit and an annual 211 kWh reduction per audit is expected. Based on discussions with vendors that provide support for this type audit, an estimated cost of \$50.00 per participant has been calculated and is used in the cost-effectiveness calculations. Of the total cost, approximately \$35.00 is based on estimated prices given the utility by the vendor, and the remaining \$15.00 is to cover anticipated administrative costs incurred by the utility. There are no rebates or incentives for this program.

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.

Cost Effectiveness

This program uses the Commission's approved methodology (Rule 25-17.008) for cost-effectiveness calculations. The calculations show a negative cost/benefit exists. The summary tables are included in Attachment A. The cost-effectiveness runs are included in Attachment B.

Program Name: Residential Mail-In Surveys

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
1997	211	0.10	0.10	422,000	200	200
1998	211	0.10	0.10	443,100	210	210
1999	211	0.10	0.10	464,200	220	220
2000	211	0.10	0.10	485,300	230	230
2001	211	0.10	0.10	506,400	240	240
2002	211	0.10	0.10	527,500	250	250
2003	211	0.10	0.10	548,600	260	260
2004	211	0.10	0.10	569,700	270	270
2005	211	0.10	0.10	590,800	280	280
2006	211	0.10	0.10	611,900	290	290

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
1997	227	0.13	0.13	454,000	260	260
1998	227	0.13	0.13	476,700	273	273
1999	227	0.13	0.13	499,400	286	286
2000	227	0.13	0.13	522,100	299	299
2001	227	0.13	0.13	544,800	312	312
2002	227	0.13	0.13	567,500	325	325
2003	227	0.13	0.13	590,200	338	338
2004	227	0.13	0.13	612,900	351	351
2005	227	0.13	0.13	635,600	364	364
2006	227	0.13	0.13	658,300	377	377

Customers					
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
1997	290,784	290,784	2,000	0.69%	2,000
1998	295,268	295,268	2,100	1.39%	4,100
1999	300,148	300,148	2,200	2.10%	6,300
2000	305,343	305,343	2,300	2.82%	8,600
2001	310,861	310,861	2,400	3.54%	11,000
2002	316,686	316,686	2,500	4.26%	13,500
2003	322,681	322,681	2,600	4.99%	16,100
2004	328,833	328,833	2,700	5.72%	18,800
2005	335,102	335,102	2,800	6.45%	21,600
2006	341,491	341,491	2,900	7.17%	24,500

INPUT DATA - PART 1

Cost-Effectiveness Analysis per Rule 25-17.006 Florida Administrative Code

I. Program Demand Impacts and Line Losses

(1) Change in Peak kW Customer at meter	-0.10 kW/Cus
(2) Change in Peak kW per Customer at generator	-0.13 kW Gen/Cu
(3) kW Line Loss Percentage	12.60%
(4) Change in kWh per Customer at generator	(227) kWh/Cus/Yr
(5) kWh Line Loss Percentage	7.70%
(6) Group Line Loss Multiplier	1.0034
(7) Annual Change in Customer kWh at Meter	(211) kWh/Cus/Yr
(8) Change in Winter kW per Cust at meter	0.00 kW/Cus

II. Economic Life and K-Factors

(1) DSM Program Study Period	30 Years
(2) Economic Life of Incremental Generation	40 Years
(3) Economic Life of Incremental T&D	30 Years
(4) K-Factor for Generation	1.4436
(5) K-Factor for T&D	1.4336
(6) Switch Rev Req (C) or Val-of-Def (1)	0

III. Utility & Customer Costs

(1) Utility Nonrecurring Cost Per Customer	\$50.00 \$/Cus
(2) Utility Recurring Cost Per Customer	\$0.00 \$/Cus/Year
(3) Utility Cost Escalation Rate	2.64%
(4) Customer Equipment Cost	\$0.00 \$/Cus
(5) Customer Equipment Cost Escalation Rate	2.64%
(6) Customer O&M Cost	\$0.00 \$/Cus/Year
(7) Customer O&M Cost Escalation Rate	0.00%
(8) Customer Tax Credit Per Installation	\$0.00 \$/Cus
(9) Customer Tax Credit Escalation Rate	2.64%
(10) Change in Supply Costs	\$0.00 \$/Cus/Year
(11) Supply Costs Escalation Rate	2.64%
(12) Utility Discount Rate	8.77%
(13) Utility AFUDC Rate	10.03%
(14) Utility Nonrecurring Rebate/Incentive	\$0.00 \$/Cus
(15) Utility Recurring Rebate/Incentive	\$0.00 \$/Cus/Year
(16) Utility Rebate/Incentive Escalation Rate	2.64%

IV. Incremental Generation, Transmission, & Distribution Costs

(1) Base Year	1997
(2) In-Service Year For Incremental Generation	1999
(3) In-Service Year For Incremental T & D	1998
(4) Base Year Incremental Generation Cost	\$232.00 \$/kW
(5) Base Year Incremental Transmission Cost	\$58.00 \$/kW
(6) Base Year Incremental Distribution Cost	\$32.00 \$/kW
(7) Gen, Tran, & Dist Cost Escalation Rate	2.14%
(8) Generator Fixed O & M Cost	\$2.78 \$/kW/Yr
(9) Generator Fixed O&M Escalation Rate	2.53%
(10) Transmission Fixed O & M Cost	\$0.73 \$/kW/Yr
(11) Distribution Fixed O & M Cost	\$0.80 \$/kW/Yr
(12) T&D Fixed O&M Escalation Rate	1.25%
(13) Incremental Gen Variable O & M Costs	\$0.570 \$/kW/Yr
(14) Incre Gen Variable O&M Cost Esc Rate	2.57%
(15) Incremental Gen Capacity Factor	3.40%
(16) Incremental Generating Unit Fuel Cost	\$0.0356 \$/kWh
(17) Incremental Gen Unit Fuel Esc Rate	2.90%
(18) Incremental Purchased Capacity Cost	\$21.76 \$/KW/YR
(19) Incremental Capacity Cost Esc Rate	2.07%

Stop Revenue Loss at In-Service Year? (Y=1, N=0) 0

V. (1) Non-Fuel Cost In Customer Bill (Base Year)

(1) Non-Fuel Cost In Customer Bill (Base Year)	\$0.0352 \$/kWh
(2) Non-Fuel Escalation Rate	Per Table
(3) Customer Demand Charge Per kW (Base Year)	\$0.0000 \$/kW/Mo
(4) Demand Charge Escalation Rate	Per Table
(5) Average Annual Change in Monthly Billing kW	0 kW/Mo.

Summary Results for This Analysis

	RIM	Participants'
NPV Benefits (\$000s)	\$4,031	\$4,144
NPV Costs (\$000s)	\$6,365	
NPV Net Benefits (\$000s)	(\$2,334)	\$4,144
Benefit Cost Ratio	0.633	ERR

* Supplemental information Not Specifically Specified in Cost Effectiveness Manual

Calculation of AFUDC and In-Service Cost of Incremental Generation, Transmission, and Distribution Capacity

CE 1.1B For Generation Capacity

(1) Year	(2) # Years Prior to In-Service	(3) Plant Exc. Rate (%)	(4) Cumulative Exc. Factors	(5) Yearly Expenditures (%)	(6) Annual Spending (\$/kW)	(7) Cumulative Average Spending (\$/kW)	(8) Cumulative Spending w/AFUDC (\$/kW)	(9) Yearly Total AFUDC (\$/kW)	(10) Incremental Year-End Book Value (\$/kW)	(11) Cumulative Year-End Book Value (\$/kW)
1989	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1991	-6	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1992	-7	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1993	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1994	-9	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1995	-4	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1996	-3	0.00%	1.0000	8.40%	\$14.85	\$7.42	\$7.42	\$0.74	\$15.59	\$15.59
1997	-2	0.00%	1.0000	7.60%	\$17.82	\$23.76	\$24.50	\$2.48	\$20.28	\$35.87
1998	-1	2.14%	1.0214	83.70%	\$168.34	\$131.84	\$135.04	\$13.55	\$211.88	\$247.75
1999	0	2.14%	1.0433	2.22%	\$5.37	\$233.66	\$250.45	\$25.13	\$250.50	\$272.27
Totals			100.00%		\$236.34			\$41.89		\$278.37

CE 1.1B For Transmission Capacity

(1) Year	(2) # Years Prior to In-Service	(3) Plant Exc. Rate (%)	(4) Cumulative Exc. Factors	(5) Yearly Expenditures (%)	(6) Annual Spending (\$/kW)	(7) Cumulative Average Spending (\$/kW)	(8) Cumulative Spending w/AFUDC (\$/kW)	(9) Yearly Total AFUDC (\$/kW)	(10) Incremental Year-End Book Value (\$/kW)	(11) Cumulative Year-End Book Value (\$/kW)
1989	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1990	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1991	-7	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1992	-7	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1993	-5	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1994	-4	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1995	-3	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1996	-2	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1997	-1	0.00%	1.0000	70.00%	\$40.80	\$23.20	\$23.20	\$3.34	\$43.94	\$43.94
1998	0	2.14%	1.0214	25.00%	\$14.81	\$50.91	\$53.36	\$5.29	\$49.17	\$58.15
Totals			100.00%		\$55.61			\$7.63		\$68.16

CE 1.1B For Distribution Capacity

(1) Year	(2) # Years Prior to In-Service	(3) Plant Exc. Rate (%)	(4) Cumulative Exc. Factors	(5) Yearly Expenditures (%)	(6) Annual Spending (\$/kW)	(7) Cumulative Average Spending (\$/kW)	(8) Cumulative Spending w/AFUDC (\$/kW)	(9) Yearly Total AFUDC (\$/kW)	(10) Incremental Year-End Book Value (\$/kW)	(11) Cumulative Year-End Book Value (\$/kW)
1989	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1990	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1991	-7	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1992	-8	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1993	-5	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1994	-4	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1995	-3	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1996	-2	0.00%	1.0000	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1997	-1	0.00%	1.0000	70.00%	\$11.80	\$5.86	\$5.86	\$0.68	\$12.48	\$12.48
1998	0	2.14%	1.0214	25.00%	\$8.17	\$28.08	\$29.48	\$2.96	\$11.13	\$23.61
Totals			100.00%		\$20.31			\$3.64		\$27.25

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INPUT DATA - PART 2
 Cost-Effectiveness Analysis per Rule 25-17.008 Florida Administrative Code

(1) Year	(2) Cumulative Total Participating Customers	(3) Cumulative Participating Customers Adj Free Riders	(4) Utility Average System Fuel Cost (C / kWh)	(5) Marginal Fuel Cost (Decreases) (C / kWh)	(6) Marginal Fuel Cost (Increases) (C / kWh)	(7) Replacement Fuel Cost (C / kWh)	(8) Program NW Effectiveness Factor	(9) Program kWh Effectiveness Factor	(10) Other Costs (\$000)	(11) Other Benefits (\$000)
1997	2,000	2,000	2,1700	1,6370	1,6370	2,1700	1.00	1.00	\$0	\$0
1998	4,100	4,100	1,9500	1,6806	1,6806	1,9500	1.00	1.00	\$0	\$0
1999	6,300	6,300	1,8500	1,8129	1,8129	1,8500	1.00	1.00	\$0	\$0
2000	8,600	8,600	1,9000	1,9542	1,9542	1,9000	1.00	1.00	\$0	\$0
2001	11,000	11,000	1,9600	1,9983	1,9983	1,9600	1.00	1.00	\$0	\$0
2002	13,500	13,500	2,0000	2,0445	2,0445	2,0000	1.00	1.00	\$0	\$0
2003	16,100	16,100	2,0200	2,1903	2,1903	2,0200	1.00	1.00	\$0	\$0
2004	18,800	18,800	2,0600	2,3642	2,3642	2,0600	1.00	1.00	\$0	\$0
2005	21,600	21,600	2,0400	2,3209	2,3209	2,0400	1.00	1.00	\$0	\$0
2006	24,500	24,500	2,0700	2,3212	2,3212	2,0700	1.00	1.00	\$0	\$0
2007	27,300	27,300	2,1100	2,3226	2,3226	2,1100	1.00	1.00	\$0	\$0
2008	30,600	30,600	2,0900	2,4887	2,4887	2,0900	1.00	1.00	\$0	\$0
2009	33,800	33,800	2,0900	2,6838	2,6838	2,0900	1.00	1.00	\$0	\$0
2010	37,100	37,100	2,0800	2,8490	2,8490	2,0800	1.00	1.00	\$0	\$0
2011	40,500	40,500	2,0900	2,8141	2,8141	2,0900	1.00	1.00	\$0	\$0
2012	44,000	44,000	2,1400	2,7734	2,7734	2,1400	1.00	1.00	\$0	\$0
2013	47,600	47,600	2,1900	2,6217	2,6217	2,1900	1.00	1.00	\$0	\$0
2014	51,300	51,300	2,2400	2,5519	2,5519	2,2400	1.00	1.00	\$0	\$0
2015	55,100	55,100	2,3100	2,6523	2,6523	2,3100	1.00	1.00	\$0	\$0
2016	59,000	59,000	2,5000	2,7223	2,7223	2,5000	1.00	1.00	\$0	\$0
2017	63,000	63,000	2,6700	2,7942	2,7942	2,6700	1.00	1.00	\$0	\$0
2018	67,100	67,100	2,8100	2,8680	2,8680	2,8100	1.00	1.00	\$0	\$0
2019	71,300	71,300	2,9373	2,9437	2,9437	2,9373	1.00	1.00	\$0	\$0
2020	75,600	75,600	3,1124	3,0215	3,0215	3,1124	1.00	1.00	\$0	\$0
2021	80,000	80,000	3,1946	3,1013	3,1013	3,1946	1.00	1.00	\$0	\$0
2022	84,500	84,500	3,2790	3,1832	3,1832	3,2790	1.00	1.00	\$0	\$0
2023	89,100	89,100	3,3656	3,2672	3,2672	3,3656	1.00	1.00	\$0	\$0
2024	93,800	93,800	3,4545	3,3535	3,3535	3,4545	1.00	1.00	\$0	\$0
2025	98,600	98,600	3,5457	3,4421	3,4421	3,5457	1.00	1.00	\$0	\$0
2026	103,500	103,500	3,6393	3,5330	3,5330	3,6393	1.00	1.00	\$0	\$0

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Incremental Generation Capacity Costs or Benefits

Cost-Effectiveness Analysis per Rule 25-17.008 Florida Administrative Code

(1) Year	(2) Incremental Owned Gen. Capacity Cost (\$000s)	(3) Incremental Generation Fixed O&M (\$000s)	(4) Incremental Generation Variable O&M (\$000s)	(5) Fuel Cost for the Increment. Cap. (\$000s)	(6) Replacement Fuel Cost (\$000s)	(6a) Incremental Purchased Gen. Capacity Cost (\$000s)	(7) Incremental Owned Gen. Capacity Costs (\$000s)
1997	(81)	(54)	(60)	(82)	(82)	(86)	(86)
1998	(82)	(60)	(62)	(82)	(82)	(82)	(818)
1999	(82)	(60)	(62)	(82)	(84)	(82)	(825)
2000	(83)	(61)	(61)	(81)	(86)	(82)	(835)
2001	(84)	(61)	(61)	(81)	(86)	(83)	(840)
2002	(84)	(61)	(61)	(81)	(86)	(84)	(842)
2003	(87)	(61)	(61)	(81)	(86)	(84)	(842)
2004	(86)	(62)	(62)	(82)	(86)	(84)	(842)
2005	(810)	(62)	(62)	(82)	(86)	(84)	(842)
2006	(811)	(62)	(62)	(82)	(86)	(84)	(842)
2007	(813)	(62)	(62)	(82)	(86)	(84)	(842)
2008	(815)	(62)	(62)	(82)	(86)	(84)	(842)
2009	(817)	(62)	(62)	(82)	(86)	(84)	(842)
2010	(818)	(62)	(62)	(82)	(86)	(84)	(842)
2011	(821)	(64)	(64)	(85)	(87)	(84)	(842)
2012	(822)	(64)	(64)	(85)	(87)	(84)	(842)
2013	(826)	(65)	(65)	(85)	(87)	(84)	(842)
2014	(829)	(65)	(65)	(85)	(87)	(84)	(842)
2015	(832)	(66)	(66)	(85)	(87)	(84)	(842)
2016	(835)	(67)	(67)	(85)	(87)	(84)	(842)
2017	(838)	(68)	(68)	(85)	(87)	(84)	(842)
2018	(842)	(68)	(68)	(85)	(87)	(84)	(842)
2019	(846)	(69)	(69)	(85)	(87)	(84)	(842)
2020	(850)	(69)	(69)	(85)	(87)	(84)	(842)
2021	(854)	(70)	(70)	(85)	(87)	(84)	(842)
2022	(858)	(70)	(70)	(85)	(87)	(84)	(842)
2023	(863)	(71)	(71)	(85)	(87)	(84)	(842)
2024	(868)	(71)	(71)	(85)	(87)	(84)	(842)
2025	(873)	(71)	(71)	(85)	(87)	(84)	(842)
2026	(879)	(71)	(71)	(85)	(87)	(84)	(842)
2027	(885)	(71)	(71)	(85)	(87)	(84)	(842)
2028	(891)	(71)	(71)	(85)	(87)	(84)	(842)
2029	(897)	(71)	(71)	(85)	(87)	(84)	(842)
2030	(903)	(71)	(71)	(85)	(87)	(84)	(842)
2031	(909)	(71)	(71)	(85)	(87)	(84)	(842)
2032	(915)	(71)	(71)	(85)	(87)	(84)	(842)
2033	(921)	(71)	(71)	(85)	(87)	(84)	(842)
2034	(927)	(71)	(71)	(85)	(87)	(84)	(842)
2035	(933)	(71)	(71)	(85)	(87)	(84)	(842)
2036	(939)	(71)	(71)	(85)	(87)	(84)	(842)
2037	(945)	(71)	(71)	(85)	(87)	(84)	(842)
2038	(951)	(71)	(71)	(85)	(87)	(84)	(842)
2039	(957)	(71)	(71)	(85)	(87)	(84)	(842)
2040	(963)	(71)	(71)	(85)	(87)	(84)	(842)
2041	(969)	(71)	(71)	(85)	(87)	(84)	(842)
2042	(975)	(71)	(71)	(85)	(87)	(84)	(842)
2043	(981)	(71)	(71)	(85)	(87)	(84)	(842)
2044	(987)	(71)	(71)	(85)	(87)	(84)	(842)
2045	(993)	(71)	(71)	(85)	(87)	(84)	(842)
2046	(999)	(71)	(71)	(85)	(87)	(84)	(842)
2047	(1005)	(71)	(71)	(85)	(87)	(84)	(842)
2048	(1011)	(71)	(71)	(85)	(87)	(84)	(842)
2049	(1017)	(71)	(71)	(85)	(87)	(84)	(842)
2050	(1023)	(71)	(71)	(85)	(87)	(84)	(842)
2051	(1029)	(71)	(71)	(85)	(87)	(84)	(842)
2052	(1035)	(71)	(71)	(85)	(87)	(84)	(842)
2053	(1041)	(71)	(71)	(85)	(87)	(84)	(842)
2054	(1047)	(71)	(71)	(85)	(87)	(84)	(842)
2055	(1053)	(71)	(71)	(85)	(87)	(84)	(842)
2056	(1059)	(71)	(71)	(85)	(87)	(84)	(842)
2057	(1065)	(71)	(71)	(85)	(87)	(84)	(842)
2058	(1071)	(71)	(71)	(85)	(87)	(84)	(842)
2059	(1077)	(71)	(71)	(85)	(87)	(84)	(842)
2060	(1083)	(71)	(71)	(85)	(87)	(84)	(842)
2061	(1089)	(71)	(71)	(85)	(87)	(84)	(842)
2062	(1095)	(71)	(71)	(85)	(87)	(84)	(842)
2063	(1101)	(71)	(71)	(85)	(87)	(84)	(842)
2064	(1107)	(71)	(71)	(85)	(87)	(84)	(842)
2065	(1113)	(71)	(71)	(85)	(87)	(84)	(842)
2066	(1119)	(71)	(71)	(85)	(87)	(84)	(842)
2067	(1125)	(71)	(71)	(85)	(87)	(84)	(842)
2068	(1131)	(71)	(71)	(85)	(87)	(84)	(842)
2069	(1137)	(71)	(71)	(85)	(87)	(84)	(842)
2070	(1143)	(71)	(71)	(85)	(87)	(84)	(842)
2071	(1149)	(71)	(71)	(85)	(87)	(84)	(842)
2072	(1155)	(71)	(71)	(85)	(87)	(84)	(842)
2073	(1161)	(71)	(71)	(85)	(87)	(84)	(842)
2074	(1167)	(71)	(71)	(85)	(87)	(84)	(842)
2075	(1173)	(71)	(71)	(85)	(87)	(84)	(842)
2076	(1179)	(71)	(71)	(85)	(87)	(84)	(842)
2077	(1185)	(71)	(71)	(85)	(87)	(84)	(842)
2078	(1191)	(71)	(71)	(85)	(87)	(84)	(842)
2079	(1197)	(71)	(71)	(85)	(87)	(84)	(842)
2080	(1203)	(71)	(71)	(85)	(87)	(84)	(842)
2081	(1209)	(71)	(71)	(85)	(87)	(84)	(842)
2082	(1215)	(71)	(71)	(85)	(87)	(84)	(842)
2083	(1221)	(71)	(71)	(85)	(87)	(84)	(842)
2084	(1227)	(71)	(71)	(85)	(87)	(84)	(842)
2085	(1233)	(71)	(71)	(85)	(87)	(84)	(842)
2086	(1239)	(71)	(71)	(85)	(87)	(84)	(842)
2087	(1245)	(71)	(71)	(85)	(87)	(84)	(842)
2088	(1251)	(71)	(71)	(85)	(87)	(84)	(842)
2089	(1257)	(71)	(71)	(85)	(87)	(84)	(842)
2090	(1263)	(71)	(71)	(85)	(87)	(84)	(842)
2091	(1269)	(71)	(71)	(85)	(87)	(84)	(842)
2092	(1275)	(71)	(71)	(85)	(87)	(84)	(842)
2093	(1281)	(71)	(71)	(85)	(87)	(84)	(842)
2094	(1287)	(71)	(71)	(85)	(87)	(84)	(842)
2095	(1293)	(71)	(71)	(85)	(87)	(84)	(842)
2096	(1299)	(71)	(71)	(85)	(87)	(84)	(842)
2097	(1305)	(71)	(71)	(85)	(87)	(84)	(842)
2098	(1311)	(71)	(71)	(85)	(87)	(84)	(842)
2099	(1317)	(71)	(71)	(85)	(87)	(84)	(842)
2100	(1323)	(71)	(71)	(85)	(87)	(84)	(842)
2101	(1329)	(71)	(71)	(85)	(87)	(84)	(842)
2102	(1335)	(71)	(71)	(85)	(87)	(84)	(842)
2103	(1341)	(71)	(71)	(85)	(87)	(84)	(842)
2104	(1347)	(71)	(71)	(85)	(87)	(84)	(842)
2105	(1353)	(71)	(71)	(85)	(87)	(84)	(842)
2106	(1359)	(71)	(71)	(85)	(87)	(84)	(842)
2107	(1365)	(71)	(71)	(85)	(87)	(84)	(842)
2108	(1371)	(71)	(71)	(85)	(87)	(84)	(842)
2109	(1377)	(71)	(71)	(85)	(87)	(84)	(842)
2110	(1383)	(71)	(71)	(85)	(87)	(84)	(842)
2111	(1389)	(71)	(71)	(85)	(87)	(84)	(842)
2112	(1395)	(71)	(71)	(85)	(87)	(84)	(842)
2113	(1401)	(71)	(71)	(85)	(87)	(84)	(842)
2114	(1407)	(71)	(71)	(85)	(87)	(84)	(842)
2115	(1413)	(71)	(71)	(85)	(87)	(84)	(842)
2116	(1419)	(71)	(71)	(85)	(87)	(84)	(842)
2117	(1425)	(71)	(71)	(85)	(87)	(84)	(842)
2118	(1431)	(71)	(71)	(85)	(87)	(84)	(842)
2119	(1437)	(71)	(71)	(85)	(87)	(84)	(842)
2120	(1443)	(71)	(71)	(85)	(87)	(84)	(842)
2121	(1449)	(71)	(71)	(85)	(87)	(84)	(842)
2122	(1455)	(71)	(71)	(85)	(87)	(84)	(842)
2123	(1461)	(71)	(71)	(85)	(87)	(84)	(842)
2124	(1467)	(71)	(71)	(85)	(87)	(84)	(842)
2125	(1473)	(71)	(71)	(85)	(87)	(84)	(842)
2126	(1479)	(71)	(71)	(85)	(87)	(84)	(842)
2127	(1485)	(71)	(71)	(85)	(87)	(84)	(842)
2128	(1491)	(71)	(71)	(85)	(87)	(84)	(842)
2129	(1497)	(71)	(71)	(85)	(87)	(84)	(842)
2130	(1503)	(71)	(71)	(85)	(87)	(84)	(842)
2131	(1509)	(71)	(71)	(85)	(87)	(84)	(842)
2132	(1515)	(71)	(71)	(85)	(87)	(84)	(842)
2133	(1521)	(71)	(71)	(85)	(87)	(84)	(842)
2134	(1527)	(71)	(71)	(85)	(87)	(84)	(842)
2135	(1533)	(71)	(71)	(85)	(87)	(84)	(842)
2136	(1539)	(71)	(71)	(85)	(87)	(84)	(842)
2137	(1545)	(71)	(71)	(85)	(87)	(84)	(842)
2138	(1551)	(71)	(71)	(85)	(87)	(84)	(842)
2139	(1557)	(71)	(71)	(85)	(87)	(84)	(842)
2140	(1563)	(71)	(71)	(85)	(87)	(84)	(842)
2141	(1569)	(71)	(71)	(85)	(87)	(84)	(842)
2142	(1575)	(71)	(71)	(85)	(87)	(84)	(842)
2143	(1581)	(71)	(71)	(85)	(87)	(84)	(842)
2144	(1587)	(71)	(71)	(85)	(87)	(84)	(842)
2145	(1593)	(71)	(71)	(85)	(87)	(84)	(842)
2146	(1599)	(71)	(71)	(85)	(87)	(84)	(842)
2147	(1605)	(71)	(71)	(85)	(87)	(84)	(842)
2148	(1611)	(71)	(71)	(85)	(87)	(84)	(842)
2149	(1617)	(71)	(71)	(85)	(87)	(84)	(842)
2150	(1623)	(71)	(71)	(85)	(87)	(84)	(842)
2151	(1629)	(71)	(71)	(85)	(87)	(84)	(842)
2152	(1635)	(71)	(71)	(85)	(87)	(84)	(842)
2153	(1641)	(71)	(71)	(85)	(87)	(84)	(842)
2154	(1647)	(71)	(71)	(85)	(87)	(84)	(842)
2155	(1653)	(71)	(71)	(85)	(87)	(84)	(842)
2156	(1659)	(71)	(71)	(85)	(87)	(84)	(842)
2157	(1665)	(71)	(71)	(85)	(87)	(84)	(842)
2158	(1671)	(71)	(71)	(85)	(87)	(84)	(842)
2159	(1677)	(71)	(71)	(85)	(87)	(84)	(842)
2160	(1683)	(71)	(71)	(85)	(87)	(84)	(842)
2161	(1689)	(71)	(71)	(85)	(87)	(84)	(842)
2162	(1695)	(71)	(71)	(85)	(87)	(84)	(842)
2163	(1701)	(71)	(71)	(85)	(87)	(84)	(842)
2164	(1707)	(71)	(71)	(85)	(87)	(84)	(842)
2165	(1713)	(71)	(71)	(85)	(87)	(84)	(842)
2166	(1719)	(71)	(71)	(85)	(87)	(84)	(842)
2167	(1725)	(71)	(71)	(85)	(87)	(84)	(842)
2168	(1731)	(71)	(71)	(85)	(87)	(84)	(842)
2169	(1737)	(71)	(71)	(85)	(87)	(84)	(842)
2170	(1743)	(71)	(71)	(85)	(87)	(84)	(842)
2171	(1749)	(71)	(71)	(85)	(87)	(84)	(842)
2172	(1755)	(71)	(71)	(85)	(87)	(84)	(842)
2173	(1761)	(71)	(71)	(85)	(87)	(84)	(842)
2174	(1767)	(71)	(71)	(85)	(87)	(84)	(842)
2175	(1773)	(71)	(71)	(85)	(87)	(84)	(842)
2176	(1779)	(71)	(71)	(85)	(87)	(84)	(842)
2177	(1785)	(71)	(71)	(85)	(8		

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Incremental T&D Capacity and Incremental Fuel
 Cost-Effectiveness Analysis per Rule 25-17.008 Florida Administrative Code

(1) Year	(2) Incremental Transmission Capacity Cost (0000s)	(3) Incremental Transmission O&M Cost (0000s)	(4) Total Incremental Trans. Cost (0000s)	(5) Incremental Distribution Capacity Cost (0000s)	(6) Incremental Distribution O&M Cost (0000s)	(7) Total Incremental Dist. Cost (0000s)	(8) Effective Incremental Fuel Costs (0000s)
1987	\$0	\$0	\$0	\$0	\$0	\$0	(07)
1988	(26)	(20)	(47)	(4)	(6)	(50)	(14)
1989	(10)	(1)	(11)	(10)	(6)	(16)	(16)
2000	(12)	(1)	(13)	(1)	(1)	(14)	(20)
2001	(15)	(1)	(16)	(7)	(1)	(18)	(20)
2002	(16)	(1)	(17)	(6)	(1)	(17)	(20)
2003	(20)	(2)	(22)	(10)	(1)	(21)	(20)
2004	(22)	(2)	(24)	(11)	(2)	(23)	(20)
2005	(24)	(2)	(26)	(12)	(2)	(24)	(20)
2006	(26)	(2)	(28)	(13)	(2)	(25)	(20)
2007	(28)	(2)	(30)	(13)	(2)	(25)	(20)
2008	(29)	(2)	(31)	(13)	(2)	(25)	(20)
2009	(31)	(2)	(33)	(13)	(2)	(25)	(20)
2010	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2011	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2012	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2013	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2014	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2015	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2016	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2017	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2018	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2019	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2020	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2021	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2022	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2023	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2024	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2025	(32)	(2)	(34)	(13)	(2)	(25)	(20)
2026	(32)	(2)	(34)	(13)	(2)	(25)	(20)
Normal NPV	(533)	(167)	(1,000)	(480)	(164)	(1,644)	(9,160)
	(226)	(20)	(272)	(131)	(26)	(170)	(1,850)

Total Resource Cost-Effectiveness Measure
 Cost-Effectiveness Analysis per Rule 25-17.008 Florida Administrative Code

(1) Year	(2) Change in Electric Supply Costs (\$000s)	(3) Utility's Program Costs (\$000s)	(4) Participants' Program Costs (\$000s)	(5) Other Costs (\$000s)	(6) Other Benefits (\$000s)	(7) Incremental Generation Cap Costs (\$000s)	(8) Incremental T&D Cap Costs (\$000s)	(9) Incremental Prog Induced Fuel Costs (\$000s)	(10) Total Costs (\$000s)	(11) Total Benefits (\$000s)	(12) Total Net Benefits (\$000s)	(13) Cumulative Discounted Net Benefits (\$000s)
1987	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$15	(\$85)	(\$85)
1988	\$0	\$108	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$42	(\$66)	(\$143)
1989	\$0	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$116	\$67	(\$49)	(\$192)
2000	\$0	\$124	\$0	\$0	\$0	\$0	\$0	\$0	\$124	\$94	(\$31)	(\$210)
2001	\$0	\$133	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$121	(\$12)	(\$218)
2002	\$0	\$142	\$0	\$0	\$0	\$0	\$0	\$0	\$142	\$150	\$8	(\$214)
2003	\$0	\$152	\$0	\$0	\$0	\$0	\$0	\$0	\$152	\$186	\$34	(\$182)
2004	\$0	\$162	\$0	\$0	\$0	\$0	\$0	\$0	\$162	\$224	\$62	(\$120)
2005	\$0	\$172	\$0	\$0	\$0	\$0	\$0	\$0	\$172	\$256	\$83	(\$117)
2006	\$0	\$183	\$0	\$0	\$0	\$0	\$0	\$0	\$183	\$290	\$107	(\$68)
2007	\$0	\$195	\$0	\$0	\$0	\$0	\$0	\$0	\$195	\$327	\$132	(\$39)
2008	\$0	\$206	\$0	\$0	\$0	\$0	\$0	\$0	\$206	\$377	\$171	\$58
2009	\$0	\$219	\$0	\$0	\$0	\$0	\$0	\$0	\$219	\$434	\$215	\$137
2010	\$0	\$232	\$0	\$0	\$0	\$0	\$0	\$0	\$232	\$492	\$261	\$224
2011	\$0	\$245	\$0	\$0	\$0	\$0	\$0	\$0	\$245	\$557	\$314	\$405
2012	\$0	\$259	\$0	\$0	\$0	\$0	\$0	\$0	\$259	\$631	\$372	\$484
2013	\$0	\$273	\$0	\$0	\$0	\$0	\$0	\$0	\$273	\$715	\$441	\$564
2014	\$0	\$288	\$0	\$0	\$0	\$0	\$0	\$0	\$288	\$809	\$521	\$644
2015	\$0	\$304	\$0	\$0	\$0	\$0	\$0	\$0	\$304	\$915	\$605	\$724
2016	\$0	\$320	\$0	\$0	\$0	\$0	\$0	\$0	\$320	\$1034	\$714	\$804
2017	\$0	\$337	\$0	\$0	\$0	\$0	\$0	\$0	\$337	\$1167	\$830	\$884
2018	\$0	\$354	\$0	\$0	\$0	\$0	\$0	\$0	\$354	\$1315	\$959	\$964
2019	\$0	\$373	\$0	\$0	\$0	\$0	\$0	\$0	\$373	\$1479	\$1106	\$1044
2020	\$0	\$392	\$0	\$0	\$0	\$0	\$0	\$0	\$392	\$1659	\$1272	\$1124
2021	\$0	\$411	\$0	\$0	\$0	\$0	\$0	\$0	\$411	\$1855	\$1454	\$1204
2022	\$0	\$432	\$0	\$0	\$0	\$0	\$0	\$0	\$432	\$2069	\$1652	\$1284
2023	\$0	\$453	\$0	\$0	\$0	\$0	\$0	\$0	\$453	\$2303	\$1867	\$1364
2024	\$0	\$475	\$0	\$0	\$0	\$0	\$0	\$0	\$475	\$2559	\$2094	\$1444
2025	\$0	\$498	\$0	\$0	\$0	\$0	\$0	\$0	\$498	\$2839	\$2337	\$1524
2026	\$0	\$522	\$0	\$0	\$0	\$0	\$0	\$0	\$522	\$3145	\$2601	\$1604
2027	\$0	\$552	\$0	\$0	\$0	\$0	\$0	\$0	\$552	\$3489	\$2895	\$1684
2028	\$0	\$582	\$0	\$0	\$0	\$0	\$0	\$0	\$582	\$3875	\$3219	\$1764
2029	\$0	\$612	\$0	\$0	\$0	\$0	\$0	\$0	\$612	\$4305	\$3573	\$1844
2030	\$0	\$642	\$0	\$0	\$0	\$0	\$0	\$0	\$642	\$4781	\$3957	\$1924
2031	\$0	\$672	\$0	\$0	\$0	\$0	\$0	\$0	\$672	\$5305	\$4371	\$2004
2032	\$0	\$702	\$0	\$0	\$0	\$0	\$0	\$0	\$702	\$5879	\$4815	\$2084
2033	\$0	\$732	\$0	\$0	\$0	\$0	\$0	\$0	\$732	\$6505	\$5289	\$2164
2034	\$0	\$762	\$0	\$0	\$0	\$0	\$0	\$0	\$762	\$7185	\$5793	\$2244
2035	\$0	\$792	\$0	\$0	\$0	\$0	\$0	\$0	\$792	\$7919	\$6327	\$2324
2036	\$0	\$822	\$0	\$0	\$0	\$0	\$0	\$0	\$822	\$8709	\$6891	\$2404
2037	\$0	\$852	\$0	\$0	\$0	\$0	\$0	\$0	\$852	\$9555	\$7485	\$2484
2038	\$0	\$882	\$0	\$0	\$0	\$0	\$0	\$0	\$882	\$10459	\$8109	\$2564
2039	\$0	\$912	\$0	\$0	\$0	\$0	\$0	\$0	\$912	\$11423	\$8763	\$2644
2040	\$0	\$942	\$0	\$0	\$0	\$0	\$0	\$0	\$942	\$12447	\$9447	\$2724
2041	\$0	\$972	\$0	\$0	\$0	\$0	\$0	\$0	\$972	\$13533	\$10161	\$2804
2042	\$0	\$1002	\$0	\$0	\$0	\$0	\$0	\$0	\$1002	\$14681	\$10905	\$2884
2043	\$0	\$1032	\$0	\$0	\$0	\$0	\$0	\$0	\$1032	\$15893	\$11689	\$2964
2044	\$0	\$1062	\$0	\$0	\$0	\$0	\$0	\$0	\$1062	\$17171	\$12513	\$3044
2045	\$0	\$1092	\$0	\$0	\$0	\$0	\$0	\$0	\$1092	\$18517	\$13377	\$3124
2046	\$0	\$1122	\$0	\$0	\$0	\$0	\$0	\$0	\$1122	\$19933	\$14281	\$3204
2047	\$0	\$1152	\$0	\$0	\$0	\$0	\$0	\$0	\$1152	\$21421	\$15225	\$3284
2048	\$0	\$1182	\$0	\$0	\$0	\$0	\$0	\$0	\$1182	\$22983	\$16209	\$3364
2049	\$0	\$1212	\$0	\$0	\$0	\$0	\$0	\$0	\$1212	\$24621	\$17233	\$3444
2050	\$0	\$1242	\$0	\$0	\$0	\$0	\$0	\$0	\$1242	\$26337	\$18297	\$3524
2051	\$0	\$1272	\$0	\$0	\$0	\$0	\$0	\$0	\$1272	\$28133	\$19401	\$3604
2052	\$0	\$1302	\$0	\$0	\$0	\$0	\$0	\$0	\$1302	\$29999	\$20545	\$3684
2053	\$0	\$1332	\$0	\$0	\$0	\$0	\$0	\$0	\$1332	\$31939	\$21729	\$3764
2054	\$0	\$1362	\$0	\$0	\$0	\$0	\$0	\$0	\$1362	\$33953	\$22953	\$3844
2055	\$0	\$1392	\$0	\$0	\$0	\$0	\$0	\$0	\$1392	\$36043	\$24217	\$3924
2056	\$0	\$1422	\$0	\$0	\$0	\$0	\$0	\$0	\$1422	\$38209	\$25521	\$4004
2057	\$0	\$1452	\$0	\$0	\$0	\$0	\$0	\$0	\$1452	\$40443	\$26865	\$4084
2058	\$0	\$1482	\$0	\$0	\$0	\$0	\$0	\$0	\$1482	\$42747	\$28239	\$4164
2059	\$0	\$1512	\$0	\$0	\$0	\$0	\$0	\$0	\$1512	\$45123	\$29653	\$4244
2060	\$0	\$1542	\$0	\$0	\$0	\$0	\$0	\$0	\$1542	\$47571	\$31107	\$4324
2061	\$0	\$1572	\$0	\$0	\$0	\$0	\$0	\$0	\$1572	\$50091	\$32591	\$4404
2062	\$0	\$1602	\$0	\$0	\$0	\$0	\$0	\$0	\$1602	\$52683	\$34105	\$4484
2063	\$0	\$1632	\$0	\$0	\$0	\$0	\$0	\$0	\$1632	\$55347	\$35649	\$4564
2064	\$0	\$1662	\$0	\$0	\$0	\$0	\$0	\$0	\$1662	\$58083	\$37223	\$4644
2065	\$0	\$1692	\$0	\$0	\$0	\$0	\$0	\$0	\$1692	\$60891	\$38827	\$4724
2066	\$0	\$1722	\$0	\$0	\$0	\$0	\$0	\$0	\$1722	\$63771	\$40451	\$4804
2067	\$0	\$1752	\$0	\$0	\$0	\$0	\$0	\$0	\$1752	\$66723	\$42095	\$4884
2068	\$0	\$1782	\$0	\$0	\$0	\$0	\$0	\$0	\$1782	\$69747	\$43769	\$4964
2069	\$0	\$1812	\$0	\$0	\$0	\$0	\$0	\$0	\$1812	\$72843	\$45473	\$5044
2070	\$0	\$1842	\$0	\$0	\$0	\$0	\$0	\$0	\$1842	\$75999	\$47207	\$5124
2071	\$0	\$1872	\$0	\$0	\$0	\$0	\$0	\$0	\$1872	\$79227	\$48971	\$5204
2072	\$0	\$1902	\$0	\$0	\$0	\$0	\$0	\$0	\$1902	\$82527	\$50765	\$5284
2073	\$0	\$1932	\$0	\$0	\$0	\$0	\$0	\$0	\$1932	\$85899	\$52589	\$5364
2074	\$0	\$1962	\$0	\$0	\$0	\$0	\$0	\$0	\$1962	\$89343	\$54443	\$5444
2075	\$0	\$1992	\$0	\$0	\$0	\$0	\$0	\$0	\$1992	\$92859	\$56327	\$5524
2076	\$0	\$2022	\$0	\$0	\$0	\$0	\$0	\$0	\$2022	\$96447	\$58241	\$5604
2077	\$0	\$2052	\$0	\$0	\$0	\$0	\$0	\$0	\$2052	\$100107	\$60185	\$5684
2078	\$0	\$2082	\$0	\$0	\$0	\$0	\$0	\$0	\$2082	\$103839	\$62159	\$5764
2079	\$0	\$2112	\$0	\$0	\$0	\$0	\$0	\$0	\$2112	\$107643	\$64163	\$5844
2080	\$0	\$2142	\$0	\$0	\$0	\$0	\$0	\$0	\$2142	\$111519	\$66197	\$5924
2081	\$0	\$2172	\$0	\$0	\$0	\$0	\$0	\$0	\$2172	\$115467	\$68261	\$6004
2082	\$0	\$2202	\$0	\$0	\$0	\$0	\$0	\$0	\$2202	\$119487	\$70355	\$6084
2083	\$0	\$2232	\$0	\$0	\$0	\$0	\$0	\$0	\$2232	\$123579	\$72479	\$6164
2084	\$0	\$2262	\$0	\$0	\$0	\$0	\$0	\$0	\$2262	\$127743	\$74633	\$6244
2085	\$0	\$2292	\$0	\$0	\$0	\$0	\$0	\$0	\$2292	\$131979	\$76817	\$6324
2086	\$0	\$2322	\$0	\$0	\$0	\$0	\$0	\$0	\$2322	\$136287	\$79031	\$6404
2087	\$0	\$2352	\$0	\$0	\$0	\$0	\$0	\$0	\$2352	\$140667	\$81275	\$6484
2088	\$0	\$2382	\$0	\$0	\$0	\$0	\$0	\$0	\$2382	\$145119	\$83549	\$6564
2089	\$0	\$2412	\$0	\$0	\$0	\$0	\$0	\$0	\$2412	\$149643	\$85843	\$6644
2090	\$0	\$2442	\$0	\$0	\$0	\$0	\$0	\$0	\$2442	\$154339	\$88157	\$6724
2091	\$0	\$2472	\$0	\$0	\$0	\$0	\$0	\$0	\$2472	\$159107	\$90491	\$6804
2092	\$0	\$2502	\$0	\$0	\$0	\$0	\$0	\$0	\$2502	\$163947	\$92845	\$6884
2093	\$0	\$2532	\$0	\$0	\$0	\$0	\$0	\$0	\$2532	\$168859	\$95219	\$6964
2094	\$0	\$2562	\$0	\$0	\$0	\$0	\$0	\$0	\$2562	\$173843	\$97613	\$7044
2095	\$0	\$2592	\$0	\$0	\$0	\$0	\$0	\$0	\$2592	\$178899	\$100027	\$7124
2096	\$0	\$2622	\$0	\$0	\$0	\$0	\$0	\$0	\$2622	\$184027	\$102461	\$7204
2097	\$0	\$2652	\$0	\$0	\$0	\$0	\$0	\$0	\$2652	\$189327	\$104915	\$7284
2098	\$0	\$2682	\$0	\$0	\$0	\$0	\$0	\$0	\$2682	\$194703	\$107389	\$7364
2099	\$0	\$2712	\$0	\$0	\$0	\$0	\$0	\$0	\$2712	\$200155	\$109883	\$7444
2100	\$0	\$2742	\$0	\$0	\$0	\$0	\$0	\$0	\$2742	\$205683	\$112397	\$7524
2101	\$0	\$2772	\$0	\$0	\$0	\$0	\$0	\$0	\$2772	\$211287	\$114931	\$7604
2102	\$0	\$2802	\$0	\$0	\$0	\$0	\$0	\$0	\$2802	\$216957	\$117485	\$7684
2103	\$0	\$2832	\$0	\$0	\$0	\$0	\$0	\$0	\$2832	\$222693	\$120059	\$7764
2104	\$0	\$2862	\$0	\$0	\$0	\$0	\$0	\$0	\$2862	\$228495	\$122653	\$7844
2105	\$0	\$2892	\$0	\$0	\$0	\$0	\$0	\$0	\$2892	\$234363	\$125267	\$7924
2106	\$0	\$2922	\$0	\$0	\$0	\$0	\$0	\$0	\$2922	\$240297	\$127891	\$8004
2107	\$0	\$2952	\$0	\$0	\$0	\$0	\$0	\$0	\$2952	\$246297	\$130525	\$8084
2108	\$0	\$2982	\$0	\$0	\$0	\$0	\$0	\$0	\$2982	\$252363	\$133179	\$8164
2109	\$0	\$3012	\$0	\$0	\$0	\$0	\$0	\$0	\$3012	\$258495	\$135853	\$8244
2110	\$0	\$3042	\$0	\$0	\$0	\$0	\$0	\$0	\$3042	\$264693	\$138547	\$8324
2111	\$0	\$3072	\$0	\$0	\$0	\$0	\$0	\$0	\$3072	\$270957	\$141261	\$8404
2112	\$0	\$3102	\$0	\$0	\$0	\$0	\$0	\$0	\$3102	\$277287	\$143995	\$8484
2113	\$0	\$3132	\$0	\$0	\$0	\$0	\$0	\$0	\$3132	\$283683		

Participants' Cost-Effectiveness Measure
Cost-Effectiveness Analysis per Rule 25-17.008 Florida Administrative Code

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Year	Customer Equip Costs (\$000s)	Customer O&M Costs (\$000s)	Other Costs (\$000s)	Other Benefits (\$000s)	Change in Participants' Electric Bills (\$000s)	Tax Credits (\$000s)	Utility Paid Rebates & Incentives (\$000s)	Total Costs (\$000s)	Total Benefits (\$000s)	Total Net Benefits (\$000s)	Cumulative Discounted Net Benefits (\$000s)
1997	\$0	\$0	\$0	\$0	(\$24)	\$0	\$0	\$0	\$24	\$24	\$24
1998	\$0	\$0	\$0	\$0	(\$47)	\$0	\$0	\$0	\$47	\$47	\$68
1999	\$0	\$0	\$0	\$0	(\$71)	\$0	\$0	\$0	\$71	\$71	\$128
2000	\$0	\$0	\$0	\$0	(\$96)	\$0	\$0	\$0	\$96	\$96	\$202
2001	\$0	\$0	\$0	\$0	(\$125)	\$0	\$0	\$0	\$125	\$125	\$292
2002	\$0	\$0	\$0	\$0	(\$155)	\$0	\$0	\$0	\$155	\$155	\$393
2003	\$0	\$0	\$0	\$0	(\$186)	\$0	\$0	\$0	\$186	\$186	\$506
2004	\$0	\$0	\$0	\$0	(\$218)	\$0	\$0	\$0	\$218	\$218	\$626
2005	\$0	\$0	\$0	\$0	(\$248)	\$0	\$0	\$0	\$248	\$248	\$753
2006	\$0	\$0	\$0	\$0	(\$289)	\$0	\$0	\$0	\$289	\$289	\$989
2007	\$0	\$0	\$0	\$0	(\$331)	\$0	\$0	\$0	\$331	\$331	\$1,031
2008	\$0	\$0	\$0	\$0	(\$374)	\$0	\$0	\$0	\$374	\$374	\$1,180
2009	\$0	\$0	\$0	\$0	(\$413)	\$0	\$0	\$0	\$413	\$413	\$1,330
2010	\$0	\$0	\$0	\$0	(\$457)	\$0	\$0	\$0	\$457	\$457	\$1,484
2011	\$0	\$0	\$0	\$0	(\$502)	\$0	\$0	\$0	\$502	\$502	\$1,638
2012	\$0	\$0	\$0	\$0	(\$548)	\$0	\$0	\$0	\$548	\$548	\$1,794
2013	\$0	\$0	\$0	\$0	(\$604)	\$0	\$0	\$0	\$604	\$604	\$1,951
2014	\$0	\$0	\$0	\$0	(\$662)	\$0	\$0	\$0	\$662	\$662	\$2,110
2015	\$0	\$0	\$0	\$0	(\$723)	\$0	\$0	\$0	\$723	\$723	\$2,269
2016	\$0	\$0	\$0	\$0	(\$807)	\$0	\$0	\$0	\$807	\$807	\$2,432
2017	\$0	\$0	\$0	\$0	(\$915)	\$0	\$0	\$0	\$915	\$915	\$2,603
2018	\$0	\$0	\$0	\$0	(\$1,006)	\$0	\$0	\$0	\$1,006	\$1,006	\$2,775
2019	\$0	\$0	\$0	\$0	(\$1,098)	\$0	\$0	\$0	\$1,098	\$1,098	\$2,947
2020	\$0	\$0	\$0	\$0	(\$1,196)	\$0	\$0	\$0	\$1,196	\$1,196	\$3,121
2021	\$0	\$0	\$0	\$0	(\$1,300)	\$0	\$0	\$0	\$1,300	\$1,300	\$3,293
2022	\$0	\$0	\$0	\$0	(\$1,409)	\$0	\$0	\$0	\$1,409	\$1,409	\$3,466
2023	\$0	\$0	\$0	\$0	(\$1,525)	\$0	\$0	\$0	\$1,525	\$1,525	\$3,637
2024	\$0	\$0	\$0	\$0	(\$1,648)	\$0	\$0	\$0	\$1,648	\$1,648	\$3,807
2025	\$0	\$0	\$0	\$0	(\$1,778)	\$0	\$0	\$0	\$1,778	\$1,778	\$3,976
2026	\$0	\$0	\$0	\$0	(\$1,915)	\$0	\$0	\$0	\$1,915	\$1,915	\$4,144
Nominal NPV					(\$20,660)				\$20,660	\$20,660	
					(\$4,144)				\$4,144	\$4,144	
		8.77%									
		Benefit/Cost Ratio =									
		ERR									

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Authority to Implement)
Residential Mail-In Energy Survey Program)
by Gulf Power Company)
_____)

Docket No.

Certificate of Service

I HEREBY CERTIFY that a true copy of the foregoing was furnished by hand delivery or the U. S. Mail this 15th day of May 1997 to the following:

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