SACE 1st Response to Staff 014230

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February 29, 2012

Mr. Marshall Willis, Director Division of Economic Regulation Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee FL 32399-0868

Dear Mr. Willis:

Enclosed is Gulf Power Company's 2011 Annual FEECA Program Progress Report.

Sincerely,

Jerry a. Dais

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Enclosure

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2005 E
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Energy Select (Energy Select (formerly GoodCents Select)
Program Start Date:	January, 1995	
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)

											_				
-	Actual	Participation Over (Under)	Projected	Participants	(Column G-Column D)		(1,844)	(3,965)	(5,891)	(900'6)	(11,772)	(15,135)	(18,368)		
т	Actual	Cumulative Penetration	Level	%	(G/C X 100)		0.33%	0.57%	0.86%	0.81%	0.86%	0.74%	0.67%		
U	Actual	Cumulative Number of	Program	Participants	(Actual Participants	Plan-To-Date)	1,156	2,035	3,109	2,994	3,228	2,865	2,632		
LL.	Actual	Annual Number of	Program	Participants	(Actual Participants)		1,156	879	1,074	(115)	234	(363)	(233)		
ш	Projected	Cumulative Penetration	Level	%	(D/C X 100)		0.86%	1.69%	2.49%	3.25%	3.97%	4.66%	5.32%		
٥	Projected	Cumulative Number of	Program	Participants	(From Cons. Plan)		3,000	6,000	9,000	12,000	15,000	18,000	21,000		
v		I otal Number of	Eligible	Customers	(From Cons. Plan)		349,866	355,829	362,137	369,287	377,489	386,104	394,558		
в		Total	Number of	Customers	(From Cons. Plan)		351,803	357,806	364,154	371,344	379,588	388,245	396,743		
۷			:	Year			2005	2006	2007	2008	2009	2010	2011		

Program Total	@ Generator	(673)	(529)	(193,623)	gram participants
Progra	@ Meter	(513)	(403)	(177,546)	Net reduction of program participants
Per Installation	@ Generator	2.89	2.27	831	<u>Annual</u> (\$11,571) \$2,696 N/A
Perl	@ Meter	2.20	1.73	762	porting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

Guff's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guff's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guff's 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
DSM PROGRAM PROGRESS (2005 DSM PLAN)	

Utility:	Gulf Power Company	ıpany
Program Name:	GoodCents Home/Energy Star	ne∕Energy Star
Program Start Date: *Reporting Period:	January, 1976 Annual 2011	(JANUARY - MAY 2011)

-	Actual	Participation	Over (Under)	Projected	
н	Actual	Cumulative	Penetration	Level	
IJ	Actual	Cumulative	Number of	Program	
u.	Actual	Annual	Number of	Program	
ш	Projected	Cumulative	Penetration	Level	3
Q	Projected	Cumulative	Number of	Program	
υ		Total	Number of	Eligible	
ß			Total	Number of	
۲					;

			-		-		-			
Actual Participation Over (Under) Projected Participants	(Column G - Column D)	(1.918)	(2,946)	(4,570)	(6,461)	(8,704)	(11,039)	(13,533)		
Actual Cumulative Penetration Level	(G/C X 100)	40.83%	28.88%	22.59%	18.80%	15.89%	13.77%	11.91%		
Actual Cumulative Number of Program Participants	(Actual Participants	4.562	5,511	6,250	6,615	6,966	7,230	7,257		
Actual Annual Number of Program Participants	(Actual Participants)	4,562	949	739	365	351	264	27		
Projected Cumulative Penetration Level	(From Cons. Plan)	58.00%	44.32%	39.10%	37.15%	35.74%	34.79%	34.13%		
Projected Cumulative Number of Program Participants	(From Cons. Plan)	6,480	8,457	10,820	13,076	15,670	18,269	20,790		
Total Number of Eligible Customers	(From Cons. Plan)	11,172	7,908	8,592	7,522	8,645	8,666	8,403		
Total Number of Customers	(From Cons. Plan)	351,803	357,806	364,154	371,344	379,588	388,245	396,743		
Year		2005	2006	2007	2008	2009	2010	2011		

Program Total	@ Generator 14	4	14,904	
Progra	@ Meter 11	ന	13,662	
Per Installation	<u>@ Generator</u> 0.53	0.13	552	<u>Annual</u> 554,128 \$1,461 N/A
<u>Per Ir</u>	<u>@ Meter</u> 0.40	0.10	506	Reporting Period: rough ECCR.
Annual Demand and Energy Savings	Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000); Net Benefits of Measures Installed During Reporting Period: Note: This program is not recovered through ECCR.

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2005 [
DSM	

Utility:	Gulf Power Company	ipany
Program Name:	Residential Geol	Residential Geothermal Heat Pump
Program Start Date:	January, 1995	
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)

-	Actual	Participation	Over (Under)	Participants	(Column G -Column D)		(215)	(429)	(549)	(752)		(1,067)	(1,192)			
I	Actual	Cumulative	Penetration	%	(G/C X 100)		0.02%	0.05%	0.10%	0.12%	0.14%	0.16%	0.18%			
Ð	Actual	Cumulative	Number of Program	Participants	(Actual Participants	Plan-To-Date)	85	171	351	448	520	633	708			
Ŀ	Actual	Annual	Number of Brogram	Participants	(Actual Participants)		85	86	180	26	72	113	75	-		
ш	Projected	Cumulative	Penetration	%	(D/C X 100)		0.09%	0.17%	0.25%	0.32%	0.40%	0.44%	0.48%			
D	Projected	Cumulative	Number of Program	Participants	(From Cons. Plan)		300	600	006	1,200	1,500	1,700	1,900			
c		Total	Number of	Customers	(From Cons. Plan)		349,866	355,829	362,137	369,287	377,489	386,104	394,558			
B			Total Number of	Customers	(From Cons. Plan)		351,803	357,806	364,154	371,344	379,588	388,245	396,743			
A				Year			2005	2006	2007	2008	2009	2010	2011			

Annual Demand and Energy Savings	Per Installation	allation	Progra	Program Total	
J	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	(09.0)	(0.79)	(45)	(59)	
Summer kW Reduction	0.99	1.30	74	98	
Annual kWh Reduction	647	705	48,525	52,875	
	-	Annual			
Julity Cost per Installation:	.,	\$2,579			
Total Program Cost of the Utility (\$000):		\$193			
Net Benefits of Measures Installed During Reporting Period:		(\$3,468)			

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2005 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential Energy Survey	rgy Survey
Program Start Date:	April, 1977	
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)

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Actual Participation Over (Under) Projected Darticinante	(Column G - Column D)	(586)	(663)	(302)	(2,452)	(1,564)	2,748	985			
Actual Cumulative Penetration Level	(G/C X 100)	1.08%	2.59%	4.11%	5.31%	7.23%	9.96%	11.00%			
Actual Cumulative Number of Program	(Actual Participants	Plan-To-Date) 3,766	9,231	14,881	19,595	27,305	38,450	43,389			
Actual Annual Number of Program Particinants	(Actual Participants)	3,766	5,465	5,650	4,714	7,710	11,145	4,939			
Projected Cumulative Penetration Level	(D/C X 100)	1.24%	2.79%	4.36%	5.97%	7.65%	9.25%	10.75%			
Projected Cumulative Number of Program	(From Cons. Plan)	4,352	9,924	15,786	22,047	28,869	35,702	42,404			
Total Number of Eligible	(From Cons. Plan)	349,866	355,829	362,137	369,287	377,489	386,104	394,558			
Total Number of Cuetomers	(From Cons. Plan)	351,803	357,806	364,154	371,344	379,588	388,245	396,743			
Year	8	2005	2006	2007	2008	2009	2010	2011			

Annual Demand and Energy Savings	Per Insi	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	0.174	0.229	861	1,131	
Summer kW Reduction	0.106	0.140	526	691	
Annual kWh Reduction	273	298	1,348,281	1,471,822	
		Annual			

Utility Cost per Installation:	\$166
Total Program Cost of the Utility (\$000):	\$820
Net Benefits of Measures Installed During Reporting Period:	N/A

Note: The demand and energy savings of this program are not applied toward the established DSM goals.

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2005 L
DSM	

Utility:	Gulf Power Company	pany
Program Name:	Commercial/Ind	Commercial/Industrial Good Cents Buildings
Program Start Date:	January, 1977	
*Reporting Period:	Annuai 2011	(JANUARY - MAY 2011)

		-	_								
-	Actual Participation Over (Under) Projected Participants	(Column G-Column D)	(35)	(52)		(48)		(261)	(376)		
I	Actual Cumulative Penetration Level %	(G/C X 100)	0.26%	0.55%	0.98%	1.27%	1.42%	1.50%	1.59%		
9	Actual Cumulative Number of Program Participants*	(Actual Participants Plan-To-Date)	120	258	470	621	711	769	834		
L.	Actual Annual Number of Program Participants	(Actual Participants)	120	138	212	151	06	58	65		
ш	Projected Cumulative Penetration Level %	(D/C X 100)	0.34%	0.66%	1.02%	1.37%	1.70%	2.01%	2.30%		
D	Projected Cumulative Number of Program Participants*	(From Cons. Plan)	155	310	490	670	850	1,030	1,210		
υ	Total Number of Eligible Customers	(From Cons. Plan)	46,070	46,926	47,833	48,869	50,058	51,305	52,528		
ß	Total Number of Customers	(From Cons. Plan)	53,201	54,246	55,343	56,575	57,977	59,448	60,894		
۲	Year		2005	2006	2007	2008	2009	2010	2011		

Program Total	@ Generator 109	381	903,695		
Program	<u>@ Meter</u> 83	290	829,075		
Per Installation	@ Generator 1.67	5.86	13,903	<u>Annual</u> \$2,310 \$150 \$20.079	
Per In	@ Meter 1.27	4.46	12,755	in Period:	······· · · · ·
Annual Demand and Energy Savings	Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Renorting Period:	

DSM PROGRAM PROGRESS REPORT (2005 DSM PLAN)

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Actual Participation Over (Under) Projected Participants	(Column G-Column D)	(2)	(8)	(19)	(36)	(42)	(23)	(62)		
Actual Cumulative Penetration Level %	(G/C X 100)	0.01%	0.01%	0.02%	0.03%	0.06%	0.06%	0.06%		
Actual Cumulative Number of Program Participants*	(Actual Participants Plan-To-Date)	3	7	11	14	28	31	31		
Actual Annual Number of Program Participants	(Actual Participants)	3	4	4	3	14	3	0		
Projected Cumulative Penetration Level %	(D/C X 100)	0.01%	0.03%	0.06%	0.10%	0.14%	0.18%	0.21%		
Projected Cumulative Number of Program Participants*	(From Cons. Plan)	2	15	30	50	20	90	110		
Total Number of Eligible Customers	(From Cons. Plan)	46,070	46,926	47,833	48,869	50,058	51,305	52,528		
Total Number of Customers	(From Cons. Plan)	53,201	54,246	55,343	56,575	57,977	59,448	60,894		
Year		2005	2006	2007	2008	2009	2010	2011		

Total	@ Generator	0	0	0	2
Program Total	@ Meter	0	0	0	No program participants
Per Installation	@ Generator	2.22	6.26	838	<u>Annual</u> N/A \$32 N/A
Per In	@ Meter	1.69	4.77	769	Aeporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2005 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Commercial/Inc	Commercial/Industrial Energy Analysis Program
Program Start Date:	January, 1981	
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)

-	Actual Participation	Over (Under) Projected	Participants	(Column G-Column D)		(201)	(392)	(514)	(497)	(209)	(37)	(236)		
Ŧ	Actual Cumulative	Penetration Level	%	(G/C X 100)		0.21%	0.44%	0.81%	1.44%	2.58%	3.44%	3.55%		
ტ	Actual Cumulative	Number of Program	Participants*	(Actual Participants	Plan-To-Date)	66	208	386	703	1,291	1,763	1,864		
LL.	Actual Annual	Number of Program	Participants	(Actual Participants)		66	109	178	317	588	472	101		
ш	Projected Cumulative	Penetration Level	%	(D/C X 100)		0.65%	1.28%	1.88%	2.46%	3.00%	3.51%	4.00%		
D	Projected Cumulative	Number of Program	Participants*	(From Cons. Plan)		300	600	006	1,200	1,500	1,800	2,100		
U	Total	Number of Eligible	Customers	(From Cons. Plan)		46,070	46,926	47,833	48,869	50,058	51,305	52,528		
в		Total Number of	Customers	(From Cons. Plan)		53,201	54,246	55,343	56,575		59,448	60,894		
A			Year			2005	2006	2007	2008	2009	2010	2011		

Annual Demand and Energy Savings	Per Ins	Per Installation		Program Total	
	@ Meter	@ Generator	Mete	@ Generator	
Winter kW Reduction	1.60	2.10	162	212	
Summer kW Reduction	1.60	2.10	162	212	
Annual kWh Reduction	5,886	6,416	594,486	648,016	
		10.000			

Annual	\$2,293	\$232	N/A	
	Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:	

- Note: The demand and energy savings of this program are not applied toward the established DSM goals.
- Guff's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guff's customers beginning in June 2011. Therefore, results for January May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guff's 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2005 E
DSM	

Gulf Power Company	Real Time Pricing	te: September, 1999	1: Annual 2011 (JANUARY - MAY 2011)
Utility:	Program Name:	Program Start Date:	*Reporting Period:

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Actual Participation Over(Under) Projected Participation	(Column G-Column D)	(1)	(1)	(2)	(2)	(2)	0	F			
Actual Cumulative Penetration Level %	(G/C × 100)	8.70%	15.22%	17.39%	17.39%	17.39%	21.74%	23.91%			
Actual Cumulative Number of Program Participants	(Actual Participants Plan-To-Date)	4	7	80	80	80	10	11			
Actual Annual Number of Program Participants	(Actual Participants)	4	e	-	0	0	2	-			
Projected Cumulative Penetration Level %	(D/C X 100)	10.87%	17.39%	21.74%	21.74%	21.74%	21.74%	21.74%			-
Projected Cumulative Number of Program Participants	(From Cons. Plan)	5	8	10	10	10	10	10			
Total Number of Eligible Customers	(From Cons. Plan)	46	46	46	46	46	46	46			
Total Number of Customers	(From Cons. Plan)	53,522	54,570	55,670	56,905	58,310	59,784	61,233			
Year		2005	2006	2007	2008	2009	2010	2011			

		•		
Annual Demand and Energy Savings	Per Ins	Per Installation	Progra	Program Total
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1,000	1,313	1,000	1,313
Summer kW Reduction	2,000	2,627	2,000	2,627
Annual kWh Reduction		1		
		Annual		

Utility Cost per Installation:	\$44,135
Total Program Cost of the Utility (\$000):	\$44
Net Benefits of Measures Installed During Reporting Period:	\$107,066

Note: This program is not recovered through ECCR.

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2005 [
DSM	

Utility:	Gulf Power Company	pany
Program Name:	Energy Services	
Program Start Date:	January, 1995	
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)

-		Actual	Participation	Over(Under)	Projected	Participation	(Column G-Column D)			:	:	:	:	:	:		
Ŧ			Cumulative				(G/C × 100)		:	•••				::			
ອ		Actual	cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	2	12	14	15	18	22	29		
L		Actual	Annual	Number of	Program	Participants	(Actual Participants)		7	5	2	-	ε	4	7		
ш		Projected	cumulative	Penetration	Level	%	(D/C X 100)		:	:	:	•	:	:	•••		
Q	· · ·	Projected	Cumulative	Number of	Program	Participants	(From Cons. Plan)		:	:	:	:	•••	:			
U		Tatal		Number of	Eligible	Customers	(From Cons. Plan)		46,382	47,240	48,151	49,189	50,382	51,632	52,858		
ß			1		Number of	Customers	(From Cons. Plan)		53,522	54,570	55,670	56,905	58,310	59,784	61,233		
۲						Year			2005	2006	2007	2008	2009	2010	2011		

Amnual stallation: \$1.284		Net Benefits of Measures Installed During Reporting Period: \$1,297
Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Install

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries totai results. *Note:

**Note: Only includes customers that received incentive payments.

REPORT	
ISM PROGRAM PROGRESS	(2005 DSM PLAN)
DS	

Utility:	Gulf Power Company						
Program Name:	Energy Services						
Program Start Date:	January, 1995						
*Reporting Period:	Annual 2011	(JANUARY - MAY 2011)	2011)				
		Summer kW	<u>Meter</u> <u>Winter kW</u>	Energy kWh	Summer kW	<u>Generator</u> <u>Winter kW</u>	Energy kWh
	2005	2,698	1,547	12,916,524	3,543	2,032	14,079,011
	2006	274	154	627,830	360	202	684,335
	2007	1,834	1,384	653,905	2,409	1,818	712,756
	2008	23	41	93,432	30	54	101,841
	2009	1,561	1,559	8,018,445	2,050	2,047	8,740,105
	2010	246	293	1,066,694	324	384	1,162,696
	2011	161	91	1,384,636	212	119	1,509,253

Projects - 2011	Summer kW	<u>Meter</u> <u>Winter kW</u>	Energy kWh	<u>Summer kW</u>	<u>Generator</u> <u>Winter kW</u>	Energy kWh
Santa Rosa Mall Lighting	60.20	60.20	284,691	29.06	79.06	310,313
Crown Laundry Lighting	7.45	7.45	37,214	9.78	9.78	40,563
Enterprise Rental Lighting**	22.90	22.90	79,178	30.07	30.07	86,304
Cordova Mall HVAC**	1.40	0.00	4,508	1.84	0.00	4,914
Cordova Mall Reflective Roof**	54.60	0.00	147,000	71.71	0.00	160,230
NFCU Lighting**	14.80	0.07	243,846	19.44	0.09	265,792
NFCU Occupancy Sensors**	0.00	0.00	588,199	0.00	00.00	641,137
Total	161.35	<u>90.62</u>	1,384,636	211.90	119.00	1.509,253

26,989,997

6,656

8,928

24,761,466

5,069

6,797

Cumulative

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results. *Note:

**Note: These customers did not receive incentive payments.

GULF POWER COMPANY 2010 DSM Progress Report Savings at the Meter 2005 DSM PLAN (January - May 2011)

	A	В	ပ	<u></u>	ш	ш	U	т		7
<u>Residential Programs</u>	Total <u>Units</u>	Per Unit <u>Win. kW</u>	Per Unit Sum kW	Per Unit <u>KWh</u>	Total <u>Win. mW</u>	Annual Total Sum. mW	Total <u>gWh</u>	Cumulative <u>Win. mW</u>	Cumulative Cumulative Sum. mW	Cumulative <u>gWh</u>
Energy Select EarthCents Home/Energy Star Geothermal Heat Pump	(233) 27 75	2.20 0.40 (0.60)	1.73 0.10 0.99	762 506 647	(0.51) 0.01 (0.05)	(0.40) 0.00 0.07	(0.18) 0.01 0.05	5.98 1.90 (0.17)	4.71 1.15 0.67	2.07 3.45 0.52
	Tc	Total Residential Applicable To Goal	tial Applicat	ole To Goal	(0.55)	(0.33)	(0.12)	7.71	6.53	6.04
Residential Energy Survey	4,939	0.17	0.11	273	0.86	0.53	1.35	26.46	3.87	21.00
			Total F	Total Residential	0.31	0.20	1.23	34.17	10.40	27.04
Commercial and Industrial Programs										
GoodCents Commercial Buildings Commercial Geothermal Heat Pump Real Time Pricing Energy Services	65 0 7	1.27 1.69 1,000	4.46 4.77 2,000	12,755 769 	0.08 0.00 1.00 0.09	0.29 0.00 2.00 0.16	0.83 0.00 1.38	1.06 0.10 10.00 4.84	3.76 0.15 20.00 6.61	10.73 0.11 24.01
	Total Commercial/Industrial Applicable to Goal	ercial/Indust	rial Applical	ble to Goal	1.17	2.45	2.21	16.00	30.52	34.85
Commercial/Industrial Energy Analysis Program	m 101	1.60	1.60	5,886	0.16	0.16	0.59	2.38	2.38	8.78
		Total	Total Commercial/Industrial	l/Industrial	1.33	2.61	2.80	18.38	32.90	43.63
Column A: Actual acheived for the reporting year. Column B: As filed in the Conservation Plan Filing Column C: As filed in the Conservation Plan Filing										
Column E: (Column A) X (Column B) Column F: (Column A) X (Column C)										
Column H: Annual Results plus any/all previous Annual Results for this conservation plan. Column I: Annual Results of a any/all previous Annual Results for this conservation plan.	ults for this conservation	nela.								
Column I. Annual Results plus any all previous Annual Results for this conservation plan. Column J: Annual Results plus any/all previous Annual Results plus any/all previous Annual Results plus	ults for this conservation	ı plan.								

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114.PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for Junary - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results.

Note:

SACE 1st Response to Staff 014241

				GULF 2010 Savi	GULF POWER COMPANY 2010 DSM Progress Report Savings at the Generator 2005 DSM PLAN (January - May 2011)	COMPAN sss Report Senerator iary - May 2	IY 011)				
		۷	ш	U	۵	ш	ш	ი	т	-	7
Residentia	Residential Programs	Total <u>Units</u>	Per Unit <u>Win. kW</u>	Per Unit <u>Sum kW</u>	Per Unit <u>KWh</u>	Total <u>Win. mW</u>	Annual Total Sum. mW	Total <u>gWh</u>	Cumulative <u>Win. mW</u>	Cumulative Cumulative <u>Sum. mW</u>	Cumulative <u>gWh</u>
Energy Select EarthCents Hc Geothermal H	Energy Select EarthCents Home/Energy Star Geothermal Heat Pump	(233) 27 75	2.89 0.53 (0.79)	2.27 0.13 1.30	831 552 705	(0.67) 0.01 (0.06)	(0.53) 0.00 0.10	(0.19) 0.01 0.05	7.87 2.48 (0.22)	6.19 1.52 0.89	2.25 3.76 0.55
		Tot	otal Residential Applicable To Goal	ial Applicab	ile To Goal	(0.72)	(0.43)	(0.13)	10.13	8.60	6.56
Residential	Residential Energy Survey	4,939	0.23	0.14	298	1.13	0.69	1.47	34.51	5.07	22.76
				Total F	Total Residential	0.41	0.26	1.34	44.64	13.67	29.32
<u>Commerci</u>	Commercial and Industrial Programs										
GoodCents Comr Commercial Geotl Real Time Pricing Energy Services	GoodCents Commercial Buildings Commercial Geothermal Heat Pump Real Time Pricing Energy Services	65 0 7	1.67 2.22 1,313	5.86 6.26 2,627	13,903 838 	0.11 0.00 1.31 0.12	0.38 0.00 2.63 0.21	0.90 0.00	1.40 0.12 13.12 6.36	4.92 0.20 17.28 8.69	11.69 0.12
	Tot	tal Comme	Total Commercial/Industrial Applicable to Goal	rial Applical	ole to Goal	1.54	3.22	2.41	21.00	31.09	37.98
Commercia	Commercial/Industrial Energy Analysis F	101	2.10	2.10	6,416	0.21	0.21	0.65	1.90	3.14	9.58
			Total (Total Commercial/Industrial	//Industrial	1.75	3.43	3.06	22.90	34.23	47.56
Column A: Column B:	Actual acheived for the reporting year. As filed in the Conservation Plan Filing										
Column D:	As filed in the Conservation Plan Filing										
Column E:	(Column A) X (Column B)										
Column F:	(Column A) X (Column C)										
Column G: Column H:	(Column A) X (Column D) Annual Results nhus anv/all nrevious Annual Results for this conservation plan	d Results for this	conservation plan								
Column I:	Annual Results plus any/all previous Annual Results for this conservation plan.	I Results for this	conservation plan.								
Column J:	Annual Results plus any/all previous Annual Results for this conservation plan.	I Results for this	conservation plan.								
Note:	Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Pages 72 summaries total results.	bruary 2011, Orde SM Plan) are sho	er No. PSC-11-011- own on pages 1-13	4-PAA-EG. Progra and results for Jur	m standards were app ne-December are shov	oroved in April 2011 al Mn on pages 14-71 (u	nd the associated pro nder Gulfs 2010 DSM	igrams were made a A Plan). Page 72 sur	vailable to Gulf's custor omaries total results.	ners beginning in Jun	12011. Therefore,

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results.

SACE 1st Response to Staff 014242

Tarial Can Apr. % Tarial Can Apr. % Tarial Can Apr. % Tarial Con Apr. % Taria <th< th=""><th>Trail Com Appr. Sec. Total Com Appr. Sec. Sec. Total Com Appr. Sec. Sec.</th><th>Total Com. Appr. Achieved Goal 17.75 285 17.75 285 17.75 285 10.87 38.0 11.169 47.4 10.13 86.2 10.13 64.9 11.194 11.1 11.14 11</th><th>11%% 200 11%% 200 10%% 200 10%%</th><th>Com Appr. Com Appr. 7.8 7.8 7.8 7.8 7.8 85 33.0 85 53.3 85 53.3 74.7 75.7 7</th><th> Variance -49% -60% -62% -52% -71% -84% -84% -84% -7% -7% 19% 22% </th><th>Total (Achieved 8.48 6.27 6.79 6.79 6.79 6.58 6.79 6.58 70 13.43 22.13 22.13 22.13 22.13 22.13</th><th>Com. Appr. <u>Goal</u> 3.4 6.7 10.1 13.4 13.4 13.4 13.4 13.6 19.5 27.6 27.6 20.3 30.3 2.3 2.3 2.3 2.3 2.3 3.7 5.7 5.7 10.1 2.2 2.2 2.2 2.3 2.2 2.2 2.2 2.2</th><th></th></th<>	Trail Com Appr. Sec. Total Com Appr. Sec. Sec. Total Com Appr. Sec.	Total Com. Appr. Achieved Goal 17.75 285 17.75 285 17.75 285 10.87 38.0 11.169 47.4 10.13 86.2 10.13 64.9 11.194 11.1 11.14 11	11%% 200 11%% 200 10%%	Com Appr. Com Appr. 7.8 7.8 7.8 7.8 7.8 85 33.0 85 53.3 85 53.3 74.7 75.7 7	 Variance -49% -60% -62% -52% -71% -84% -84% -84% -7% -7% 19% 22% 	Total (Achieved 8.48 6.27 6.79 6.79 6.79 6.58 6.79 6.58 70 13.43 22.13 22.13 22.13 22.13 22.13	Com. Appr. <u>Goal</u> 3.4 6.7 10.1 13.4 13.4 13.4 13.4 13.6 19.5 27.6 27.6 20.3 30.3 2.3 2.3 2.3 2.3 2.3 3.7 5.7 5.7 10.1 2.2 2.2 2.2 2.3 2.2 2.2 2.2 2.2	
Matrix Matrix<	Matrix Matrix<	Withler Peak Withler 17.55 9.5 17.55 17.168 17.61 28.5 10.87 38.0 11.168 11.168 56.7 38.0 10.158 56.7 91.1 10.158 56.7 91.1 10.158 56.7 91.1 11.169 7.51 6.9 11.194 11.1 11.1 15.158 14.4 11.1 15.751 14.4 11.1 15.743 14.4 11.1 15.758 14.4 11.1 15.743 14.1 15.1 21.08 14.8 15.1 15.74 11.1 15.5 11.38 14.1 15.6 15.74 15.6 15.8 11.38 14.1 15.1 21.08 15.1 15.5 15.6 16.2 15.5 15.6 30.1 16.5 15.6 30.1 </th <th>Commer 13% 66 13% 68 99 10% 86% 86%</th> <th>Image: constraint of the second sec</th> <th>Valiance -49% -62% -62% -62% -75% -75% -75% -75% -7% 5% 5% 5% 5% 22% 19% 22%</th> <th>Autor 22.13 2.2.13 2</th> <th>Contraction 2:3 -4</th> <th></th>	Commer 13% 66 13% 68 99 10% 86% 86%	Image: constraint of the second sec	Valiance -49% -62% -62% -62% -75% -75% -75% -75% -7% 5% 5% 5% 5% 22% 19% 22%	Autor 22.13 2.2.13 2	Contraction 2:3 -4	
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2010 31.77 71.3 -52.78 40.50 71.19 23.1 2011 31.77 71.3 -57.86 48.56 86.9 -44.57 39.7 2012 31.74 80.4 -51% 48.66 86.9 -44% 44.57 39.7 2012 31.77 71.3 -55% 48.66 86.9 -44% 44.57 39.7 2013 98.6 -51% 48.66 86.9 -44% 44.57 39.7 2014 98.6 107.6 103.4 95.2 41.57 50.3 2014 107.6 111.7 55.6 111.7 55.6	2010 31.77 71.3 -52.78 43.59 78.6 -50.76 41.19 23.1 2011 31.77 71.3 -55.66 48.56 86.9 -44% 44.57 39.7 2012 31.74 80.4 -51% 48.56 86.9 -44% 44.57 39.7 2012 31.74 80.4 -51% 48.56 86.9 -44% 44.57 39.7 2013 98.6 107.6 103.4 95.2 44.57 50.3 2014 107.6 111.7 55.6 111.7 56.6 The 2005 DSM Plan Comparison of Achieved KW and KWh Reductions are cumulative. Guifs 2010 DSM Plan Comparison of Achieved KW and KWh Reductions are cumulative. Cuter No. PSC-11-0114.PAA-EG. Program standards were approved in April 2011 and the associated programs w	73.01			-30% 2000	30.15	23.1	800 800
2011 31.14 80.4 -51% 45.66 86.9 -44% 44.57 39.7 2012 89.5 61% 45.66 86.9 -44% 45.7 39.7 2013 98.6 107.6 103.4 55.2 45.0 50.3 2014 107.6 111.7 55.6 111.7 55.6	2011 31.14 80.4 -51% 48.56 86.9 -44.57 39.7 2012 89.5 61% 48.56 86.9 -44.57 39.7 2013 98.6 107.6 103.4 95.2 44.57 39.7 2013 98.6 107.6 51.6 95.2 45.0 50.3 2014 107.6 111.7 55.6 51.3 56.6 The 2005 DSM Plan Comparison of Achieved KW and KWh Reductions are cumulative. Culfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs w	31 77			-38%	41.19	24.4	424
2012 89.5 95.2 45.0 2013 98.6 103.4 50.3 2014 107.6 111.7 50.3 The 2005 DSM Plan Comparison of Achieved KW and KWh Reductions are cumulative. 51.3	2012 89.5 95.2 45.0 2013 98.6 103.4 50.3 2014 107.6 111.7 56.6 The 2005 DSM Plan Comparison of Achieved KW and KWh Reductions are cumulative. Current and actieved KW and KWh Reductions are cumulative. Current as approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs w	31.14			-44%	44.57	39.7	129
2013 2014	2013 2014						45.0	
2014	2014			103.4			50.3	
				111.7			55.6	
			V and kWh Reductions are currulativ	ย่				

Comparison of Achieved kW and kWh Reductions With Public Service Commission Established Goals At The Generator 2005 DSM PLAN (January - May 2011)

SACE 1st Response to Staff 014243

Page 13

DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)

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Actual Participation Over (Under) Projected Participants	(Column G - Column D)		(6,051)									
Actual Cumulative Penetration Level %	(G/C X 100)	:	2.67%									
Actual Cumulative Number of Program Participants	(Actual Participants Plan-To-Date)	:	10,029									
Actual Annual Number of Program Participants	(Actual Participants)		10,029									
Projected Cumulative Penetration Level %	(D/C X 100)	2.11%	4.28%	6.54%	8.89%	11.25%	13.49%	15.65%	17.71%	19.70%	21.61%	
Projected Cumulative Number of Program Participants	(From Cons. Plan)	7,860	16,080	24,842	34,392	44,453	54,398	64,427	74,412	84,397	94,337	
Total Number of Eligible Customers	(From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
Total Number of Customers	(From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	<u>Per Ins</u>	tallation	Progra	am Total	
	@ Meter	@ Meter @ Generator	@ Meter	@ Meter @ Generator	
Winter kW Reduction			*******	1	
Summer kW Reduction		-			
Annual kWh Reduction					
		Annual			

	Annual
Utility Cost per Installation:	\$114
Total Program Cost of the Utility (\$000):	\$1,148
Net Benefits of Measures Installed During Reporting Period:	N/A

Note: The demand and energy savings of this program are not applied toward the established DSM goals.

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential Ene	Residential Energy Audit and Education
Measure Name:	Home Energy Reporting	keporting
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

1	r			r			-	<u>.</u>						
-	Actual Participation Over (Under) Projected	Participants (Column G - Column D)		:	4,797									
H	Actual Cumulative Penetration Level	% (G/C X 100)		:	10.60%									
IJ	Actual Cumulative Number of Program	Participants (Actual Participants	Plan-To-Date)	:	39,797									
ш	Actual Annual Number of Program	Participants (Actual Participants)			39,797									
ш	Projected Cumulative Penetration Level	% (D/C X 100)		9.38%	9.32%	9.21%	9.05%	%00.0	%00.0	%00.0	4.76%	4.67%	4.58%	
٥		Participants (From Cons. Plan)		35,000	35,000	35,000	35,000	0	0	0	20,000	20,000	20,000	
U	Total Number of Eligible	Customers (From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
ß	Total Number of	Customers (From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A	;	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	3,184	3,184	13,013,619				
Prog	@ Meter	2,388	2,388	11,939,100				
Per Installation	@ Generator	0.08	0.08	327	Annual	\$12	\$479	(\$568,295)
	@ Meter	0.06	0.06	300			:(000	During Reporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
MSD	

Utility:	Gulf Power Company	npany
Program Name:	Residential Cor	Residential Community Energy Saver
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual Participation	Over (Under) Projected	Participants	(Column G-Column D)		:	(1,869)									
I	Actual Cumulative	Penetration Level	%	(G/C X 100)		:	1.43%									
ŋ	Actual Cumulative	Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	1,881									
ш.	Actual Annual	Number of Program	Participants	(Actual Participants)		:	1,881									
ш	Projected Cumulative	Penetration Level	%	(D/C X 100)		0.96%	2.85%	4.70%	6.47%	8.13%	9.03%	9.89%	10.71%	11.51%	12.27%	
۵	Projected Cumulative	Number of Program	Participants	(From Cons. Plan)		1,250	3,750	6,250	8,750	11,250	12,750	14,250	15,750	17,250	18,750	
U	Total	Number of Eligible	Customers	(From Cons. Plan)		130,627	131,467	132,939	135,331	138,319	141,171	144,121	147,020	149,919	152,766	
в		Total Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۲			Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings Winter kW Reduction Summer kW Reduction	<u>Per Ins</u> <u>@ Meter</u> 0.11 0.05	Per Installation er <u>@ Generator</u> 0.14 0.07	<u>Proqra</u> @ <u>Meter</u> 207 94	<u>Program Total</u> er <u>@ Generator</u> 132
Annual kWh Reduction Utility Cost per Instalation:		802 <u>Annual</u> \$181	1,384,416	1,508,562

Guff's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guff's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guff's 2010 DSM Plan). Page 72 summaries total results. *Note:

\$340 (\$159,704)

Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

Prograi	Program Start Date:	June, 2011						
*Report	*Reporting Period:	Annual 2011	(JUNE - DECEMBER)	BER)				
۷	ß	υ	۵	ш	Ŀ	ი	т	
		Total	Projected Cumulative	Projected Cumulative	Actual Annual	Actual Cumulative	Actual Cumulative	Ъ
	lotal	Number of	Number of	Penetration	Number of	Number of	Penetration	_

DSM PROGRAM PROGRESS REPORT

(2010 DSM PLAN)

Residential Landlord-Renter Custom Incentive

Program Name:

Gulf Power Company

Utility:

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c c	. v	â	T	(66	Γ	Γ	Γ		Γ	Γ	Γ	Γ	Γ
Actual Participation Over (Under	Projected Participants	(Column G-Column D)	:	(1,499)									
Actual Cumulative Penetration	Level %	(G/C X 100)	:	0.00%									
Actual Cumulative Number of	Program Participants	(Actual Participants Plan-To-Date)		-									
Actual Annual Number of	Program Participants	(Actual Participants)	:	-									
Projected Cumulative Penetration	Level %	(D/C X 100)	0.20%	0.40%	0.59%	0.78%	0.95%	1.12%	1.27%	1.43%	1.58%	1.72%	
Projected Cumulative Number of	Program Participants	(From Cons. Plan)	750	1,500	2,250	3,000	3,750	4,500	5,250	6,000	6,750	7,500	
Total Number of	Eligible Customers	(From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
Total	Number of Customers	(From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Per Installation	@ Meter @ Generator @ Meter @ Generator	0 0	121 159	286,242 375,922
		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company						
Program Name:	Landlord/Renter Custom Incentive Program	Incentive Program					
Program Start Date:	June, 2011						
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)	iER)				
		Mt	Meter			<u>Generator</u>	L
		Summer KW	WINTER KW	Energy Kwn	Summer KW	Winter KW	Energy kwn
	2010	:	:	÷	:	:	:
	2011	121	0	286,242	159	0	375,922
	2012						
	2013						
	2014						
	Cumulative	121	0	286,242	159	0	375,922

<u> Projects - 2011</u>	Summer kW	<u>Meter</u> <u>Winter kW</u>	Energy kWh	Summer kW	<u>Generator</u> <u>Winter kW</u>	Energy kWh	
Sunrise/Moorings HVAC**	120.84	0.00	286,242	158.70	00.0	375,922	
							41 - 10 (m.).
Total	120.84	<u>0.00</u>	286.242	<u>158.70</u>	<u>0.0</u>	375,922	

Guff's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guff's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guff's 2010 DSM Plan). Page 72 summaries total results. *Note:

**Note: This customer did not receive an incentive payment.

	DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)
Utility:	Gulf Power Company
Program Name:	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential HVAC Maintenance
Program Start Date:	June, 2011

(JUNE - DECEMBER)

Annual 2011

*Reporting Period:

	Actual Participation Over (Under) Projected Participants	(Column G-Column D)	:	(891)									
н	Actual Cumulative Penetration Level %	(G/C X 100)		0.74%									
U	Actual Cumulative Number of Program Participants	(Actual Participants Plan-To-Date)	:	2,789									
ĽL.	Actual Annual Number of Program Participants	(Actual Participants)	:	2,789									
ш	Projected Cumulative Penetration Level %	(D/C X 100)	0.34%	0.98%	2.04%	3.69%	6.14%	8.25%	9.90%	11.13%	12.20%	13.18%	
۵	Projected Cumulative Number of Program Participants	(From Cons. Plan)	1,280	3,680	7,760	14,260	24,260	33,260	40,760	46,760	52,260	57,510	
U	Total Number of Eligible Customers	(From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
ß	Total Number of Customers	(From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator 048	1,143	3,971,536	
Program	@ Meter 725	865	3,642,434	
Per Installation	@ Generator 0.34	0.41	1,424	<u>Annual</u> \$292 \$815 (\$206,281)
<u>Per In</u>	<u>@ Meter</u> 0.26	0.31	1,306	ing Period:
Annual Demand and Energy Savings	Witter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utitity Cost per Installation: Total Program Cost of the Utitity (\$000): Net Benefits of Measures Installed During Reporting Period:

	-		
_	Actual Participation Over (Under) Projected Participants (Column G.Column D)	(802)	
т	Actual Cumulative Penetration Level % (GCX 100)	0.05%	
U	Actual Cumulative Number of Program Participants (Actual Participants		n <u>Total</u> <u>@ Generator</u> 268 2,123,056
L	Actual Annual Number of Program Participants	 176	<u>Program Total</u> @ Meter <u>@ G</u> 204 218 1,030,304 1,1
ш	Projected Cumulative Penetration Level %	0.09% 0.26% 0.54% 0.98% 1.63% 2.25% 3.38% 3.38% 3.38%	allation @ <u>Generator</u> 1.52 1.63 6,381
۵	Projected Cumulative Number of Program Participants (From Cons. Plan)	340 978 978 978 9,062 9,086 11,711 14,211 14,211 16,461 18,461	Per Installation @ Meter @.G 1.16 1.24 5,854 6
v	Total Number of Eligible Customers (From Cons. Plan)	373,219 375,619 375,619 386,661 386,661 403,345 411,774 428,339 436,473 436,473	sĐuịn
۵	Total Number of Customers (From Cons. Plan)	374,936 377,336 381,544 388,378 386,913 386,913 405,062 413,491 421,774 421,774 423,190	Annual Demand and Energy Savings Winter kW Reduction Summer kWh Reduction Annual kWh Reduction
۲	Year	2010 2011 2013 2015 2015 2015 2016 2017 2018 2019 2019	Annual Dei Winter kW Summer k/ Annual kW

DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)

Utility:	Gulf Power Company	mpany
Program Name:	Residential HV	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential HV	Residential HVAC Early Retirement Tier 1
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

<u>Annual</u> \$733 \$129 (\$36,689)

> Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name: Measure Name:	Residential HV. Residential HV.	Kesidential HVAC Efficiency improvement Program Residential HVAC Early Retirement Tier 2
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual Participation Over (Under) Projected Participants		:	85									
н	Actual Cumulative F Penetration 6 Level %		•	0.06%									
ŋ	Actual Cumulative Number of Program Participants	Plan-To-Date)	:	225									
ш	Actual Annual Number of Program Participants		:	225									
ш	Projected Cumulative Penetration Level %		0.01%	0.04%	0.08%	0.14%	0.23%	0.32%	0.40%	0.49%	0.56%	0.63%	
۵	Projected Cumulative Number of Program Participants		50	140	293	538	913	1,288	1,663	2,038	2,413	2,763	
U	Total Number of Eligible Customers		373,219	375,619	379,827	386,661	395,196	403,345		420,057	428,339	436,473	
œ	Total Number of Customers		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۲	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	<u>@ Generator</u> 369	394	1,531,125	
Progre	<u>@ Meter</u> 281	299	1,404,675	
Per Installation	@ Generator 1.64	1.75	6,805	<u>Annual</u> \$1,079 \$243 (\$60,545)
Per In	@ Meter 1.25	1.33	6,243	porting Period:
Annual Demand and Energy Savings	Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	OSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential HV	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential HV	Residential HVAC Early Retirement Tier 3
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	ou	ts ts	(O 16		Γ	(<u>3</u> 0)	Γ		Γ	Γ	Γ	ľ	Γ	Γ	Π
-	Actual Participati Over // Ind	Projected Participants	(Cotumn G-Column D)		:										
н	Actual Cumulative Demotration	Level %	(G/C X 100)		:	0.00%									
U	Actual Cumulative Number of	Program Participants	Actual Participants	Plan-To-Date)	:	0									
ш	Actual Annual Number of	Program Participants	(Actual Participants)		•••	0									
ш	Projected Cumulative Penetration	Level %	(D/C X 100)		%00.0	0.01%	0.02%		0.05%	0.06%	0.08%	0.10%	0.11%	0.12%	
٥	Projected Cumulative Number of	Program	(From Cons. Plan)		10	30	60	110	185	260	335	410	465	505	
υ	Total Number of	Eligible Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345		420,057	428,339	436,473	
۵	Total	Number of Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A		Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	0	0	ants
Progra	@ Meter	0	0	0	No program participants
Per Installation	@ Generator	2.19	2.06	7,774	<u>Annual</u> N/A S0 N/A
Per Ir	@ Meter	1.67	1.57	7,132	sporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

_	Actual Participation Over (Under) Projected Participants (column G-column D)		(752)								
т	Actual Cumulative Penetration Level % (GKCX 100)	;	0.01%								
თ	Actual Actual Cumulative Number of Program Participants (Actual Participants	Plan-To-Date)	30								
ш	Actual Annual Number of Program Participants	:	30								
ш	Projected Cumulative Penetration Level %	0.07%	0.21%	0.43%	0.79%	1.31%	1.75%	2.17%	2.57%	2.91%	3.20%
۵	Projected Cumulative Number of Program Participants (From Cons. Plan)	272	782	1,649	3,037	5,169	7,044	8,919	10,794	12,482	13,982
U	Total Number of Eligible Customers (From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473
۵	Total Number of Customers (From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190
۲	Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)

Residential HVAC Efficiency Improvement Program

Program Name: Measure Name:

Gulf Power Company

Utility:

Residential HVAC Efficiency Upgrade Tier 1

(JUNE - DECEMBER)

June, 2011 Annual 2011

Program Start Date: *Reporting Period:

Program Total	<u>@ Generator</u> 17	13	51,240				
Progra	<u>@ Meter</u> 13	10	47,010				
Per Installation	@ <u>Generator</u> 0.56	0.42	1,708	Annual	\$345	\$10	(\$1,692)
Per In	<u>@ Meter</u> 0.43	0.32	1,567				porting Period:
Annual Demand and Energy Savings	Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
M PROGRESS	10 DSM PLAN)
PROGRA	(20,
DSM	

Utility: Program Name:	Gulf Power Company Residential HVAC Effi	Gulf Power Company Residential HVAC Efficiency Improvement Program
Measure Name:	Residential HV	Residential HVAC Efficiency Upgrade Tier 2
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

_	Actual Participation Over (Under)	Projected Participants	(Column G-Column D)		:	(60)									
I	Actual Cumulative Penetration	b Level %	(G/C X 100)		:	0.01%									
IJ		Program Participants	(Actual Participants	Pian-To-Date)	:	50									
LL.	Actual Annual Number of	Program Participants	(Actual Participants)		•••	50									
ш	Projected Cumulative Penetration	Level %	(D/C X 100)		0.01%	0.03%	0.06%	0.11%	0.18%	0.25%	0.32%	0.39%	0.44%	0.49%	
Q	Projected Cumulative Number of	Program Participants	(From Cons. Plan)		38	110	232	428	728	1,028	1,328	1,628	1,903	2,153	
C	Total Number of	Lingible Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
B	Total	Number of Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A		Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ <u>Generator</u> 31	27	103,050	
Progra	@ Meter 24	20	94,550	
Per Installation	<u>@ Generator</u> 0.62	0.53	2,061	<u>Annual</u> \$502 \$25 (\$7,102)
Perln	<u>@ Meter</u> 0.47	0.40	1,891	ng Period:
Annual Demand and Energy Savings	Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential HV	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential HV	Residential HVAC Efficiency Upgrade Tier 3
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	Actual Particination	Over (Under) Projected	Participants	(Column G-Column D)		:	17									
н	Actual Cumulative	Penetration (%	(G/C X 100)		:	0.01%									
ŋ	Actual Cumulative	Number of Program	Participants	(Actual Participants	Pian-To-Date)	:	45									
LL.	Actual Annual	Number of Program	Participants	(Actual Participants)			45									
ш	Projected Cumulative	Penetration Level	%	(D/C X 100)		%00.0	0.01%	0.02%	0.03%	0.05%	0.06%	0.08%	0.10%	0.11%	0.12%	
Q	Projected Cumulative	Number of Program	Participants	(From Cons. Plan)		10	28	59	108	183	258	333	408	468	518	
υ	Total	Number of Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
œ		Total Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A			Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	<u>00 Jeneralor</u> 64 38 169 515				
Progra	<u>140 MBHBI</u> 49 155 520				
Per Installation	<u>02 centerator</u> 1.42 0.84 3.767	Amual	\$1,038	\$47	(\$13,050)
Pertr	<u>1.08</u> 0.64 3.456				porting Period:
Annual Demand and Energy Savings	Winter kW Reduction Summer kW Reduction Annual kWh Reduction		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential HV/	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential Duct Repair	t Repair
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

					r	1 -				r		T		3	
-	Actual Participation Over (Under)	Projected Participants	(Column G-Column D)		:	(830)									
I	Actual Cumulative Penetration	Level %	(G/C X 100)		:	0.05%									
U	Actual Cumulative Number of		(Actual Participants	Plan-To-Date)	:	170									
ш	Actual Annual Number of	Program Participants	(Actual Participants)		:	170									
ш	Projected Cumulative Penetration	Level %	(D/C X 100)		%00.0	0.27%	%6/.0	1.86%	3.47%	4.88%	6.10%	7.17%	8.15%	9.03%	
D	Projected Cumulative Number of	Program Participants	(From Cons. Plan)		0	1,000	3,000	7,200	13,700	19,700	25,100	30,100	34,900	39,400	
υ	Total Number of	Eligible Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
B	Total	Number of Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A		Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

<u>Program Total</u> er @ Generator	48 71 256,020	
Progra Meter	36 54 234,940	
<u>Per Installation</u> er @ Generator	0.28 0.42 1,506	<u>Annual</u> \$330 \$56 (\$71)
<u>Per In</u> @ Meter	0.21 0.32 1,382	orting Period:
Annual Demand and Energy Savings	Winter KW Reduction Summer KW Reduction Annual KWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential HV/	Residential HVAC Efficiency Improvement Program
Measure Name:	Residential ECM Fan	<i>d</i> Fan
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation Over (Under)	Projected	Participants	(Column G-Column D)		::	(400)									
т	Actual	Penetration	Level	%	(G/C X 100)		:	0.00%									
9	Actual		Program	Participants	(Actual Participants	Plan-To-Date)	:	0									
ц.	Actual	Annual Number of	Program	Participants	(Actual Participants)		•	0									
ш	Projected	Penetration	Level	%	(D/C X 100)		0.00%	0.11%	0:30%	0.63%	1.12%	1.84%	2.35%	2.73%	3.03%	3.25%	
۵	Projected	Number of	Program	Participants	(From Cons. Plan)		0	400	1,150	2,425	4,425	7,425	9,675	11,475	12,975	14,175	
υ	T. T	Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
œ		Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A				Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	0	0	sin
Program	@ Meter	0	0	0	No program participants
Per Installation	@ Generator	0.18	0.35	1,209	Annual N/A \$0
Perl	@ Meter	0.14	0.27	1,109	oorting Períod:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 E
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Residential He	Residential Heat Pump Water Heater
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

Actual Participation Over (Under)	Projected Participants	(Column G-Column D)	•	(96)									
Actual Cumulative Penetration	Level %	(G/C X 100)	:	0.08%									
Actual Cumulative Number of		(Actual Participants Plan-To-Date)		304									
Actual Annual Number of	Program Participants	(Actual Participants)	::	304									
Projected Cumulative Penetration	Level %	(D/C X 100)	0.03%	0.11%	0.26%	0.47%	0.71%	%66'0	1.26%	1.57%	1.91%	2.29%	
Projected Cumulative Number of	Program Participants	(From Cons. Plan)	100	400	1,000	1,800	2,800	4,000	5,200	6,600	8,200	10,000	
Total Number of	Eligible Customers	(From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
Total	Number of Customers	(From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

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Ings Program Total	@ Meter @ Generator @ Meter @ Generator	112	0.10 0.13 30 40	1,348 1,469 409,792 446,576	Å mented	<u>Annual</u> \$810	4-04	\$000): \$247	d During Reporting Derived: (\$47.437)
Annual Demand and Energy Savings	<u>@ We</u>	Winter kW Reduction 0.37	Summer kW Reduction 0.10	Annual kWh Reduction 1,34		l Itility Cost ner Installation:		Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 E
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Residential Cel	Residential Ceiling Insulation Program
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

_	Actual	Participation	Over (Under) Projected	Participants	(Column G-Column D)		:	94									
I	Actual	Cumulative	Penetration Level	%	(G/C X 100)		:	0.10%									
U	Actual	Cumulative	Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	394									
ц.	Actual	Annual	Number of Program	Participants	(Actual Participants)		:	394									
ш	Projected	Cumulative	Penetration Level	%	(D/C X 100)		0.03%	0.08%	0.17%	0.30%	0.42%	0.53%	0.64%	0.75%	0.85%	0.95%	
۵	Projected	Cumulative	Number of Program	Participants	(From Cons. Plan)		100	300	650	1,150	1,650	2,150	2,650	3,150	3,650	4,150	
U		Total	Number of Flicible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
ß			Total Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A				Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	<u>Per Ins</u>	Per Installation	Progra	<u>Program Total</u>
4	0.80	1.05	315	414
Summer kW Reduction	0.10	0.13	39	51
	575	627	226,550	247,038
		Annual		
Itility Cost per Installation:		\$411		
Total Program Cost of the Utility (\$000):		\$162		
Net Benefits of Measures Installed During Reporting Period:	Ħ	(\$22,232)		

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REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Residential Hig	Residential High Performance Window Program
Measure Name:	Residential Wi	Residential Window Replacement
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation	Over (Under)	Projected	Participants	(Column G-Column D)		:	171									
Ŧ	Actual	Cumulative	Penetration	Level	%	(G/C X 100)		:	0.13%									
9	Actual	Cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	471									
u.	Actual	Annual	Number of	Program	Participants	(Actual Participants)		:	471									
ш	Projected	Cumulative	Penetration	Level	%	(D/C X 100)		0.03%	0.08%	0.17%	0.30%	0.48%	0.72%	1.01%	1.35%	1.79%	2.33%	
۵	Projected	Cumulative	Number of	Program	Participants	(From Cons. Plan)		100	300	650	1,150	1,900	2,900	4,150	5,650	7,650	10,150	
υ		Total	Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
m			Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
٩					Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	<u>311 311 200 200 200 200 200 200 200 200 200 2</u>	122 686 718	-		
Progra	236	94 630 198			
Per Installation	0.66	0.26 1 458	<u>Annual</u> \$174	\$82	(\$40,826)
<u>Per In</u>	0.50	0.20 1.338		-	ing Period:
Annual Demand and Energy Savings	Winter kW Reduction	Summer KW Reduction Annual kWh Reduction	l titike (not nor loctalistion:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential Higl	Residential High Performance Window Program
Measure Name:	Residential Window Film	ldow Film
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation	Over (Under)	Projected	Participants	(Column G-Column D)		:	(98)									
н	Actual	Cumulative	Penetration	Level	%	(G/C X 100)		:	0.02%									
IJ	Actual	Cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	64									
L	Actual	Annual	Number of	Program	Participants	(Actual Participants)		:	64									
ш	Projected	Cumulative	Penetration	Level	%	(D/C X 100)		0.01%	0.04%	0.09%	0.14%	0.19%	0.24%	0.28%	0.32%	0.36%	0.40%	
٥	Projected				Participants	(From Cons. Plan)		50	150	350	550	750	950	1,150	1,350	1,550	1,750	
υ		Total	Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
œ			Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A					Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	17	54,976	
Progra	@ Meter	0	13	50,432	
Per Installation	@ Generator	0.00	0.26	859	<u>Annual</u> \$205 \$13 (\$2,794)
Per In	@ Meter	0.00	0.20	788	rting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

r			
_	Actual Participation Over (Under) Projected Participants (column 6-column D)	(270)	
т	Actual Cumulative Penetration Level %	0.01%	
U	Actual Cumulative Number of Program Participants	<u>n Total</u> <u>33,660</u> 33,660	
u.	Actual Annual Number of Program Participants (Actual Participants)	30 31 Broarem Total 20 Proorem Total 20 0 2 0 12 0 2 0 2 12 30,870	
ш	Projected Cumulative Penetration Level %	0.03% 0.16% 0.16% 0.26% 0.26% 0.52% 0.58% 0.83% 0.83% 0.58% 1.12% 1.12% 1.12% 0.54	<u>Annuai</u> \$1,636 \$49 (\$2,775)
۵	Projected Cumulative Number of Program Participants (From Cons. Plan)	100 100 300 600 600 1,500 2,100 2,100 2,100 4,200 4,200 4,200 0.00 0.01 0.01 1,000 1,000 4,900 0.01 0.01 0.00 0.01	
U	Total Number of Eligible Customers (From Cons. Plan)	373,219 375,619 379,827 386,661 386,661 386,661 403,345 411,774 420,057 428,339 436,473	(\$000): ad During Reporting
۵	Total Number of Customers (From Cons. Plan)	2010 374,936 2011 377,336 2012 381,544 2013 381,544 2013 381,544 2013 2014 2013 386,913 2015 2015 2015 405,062 2017 421,774 2016 2016 2017 2016 433,190 2019 438,190 Minual Demand and Energy Savings Minter KW Reduction Minter KW Reducti	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:
۲	Year	2010 2011 2013 2013 2014 2016 2016 2016 2016 2017 2018 2018 2018 2018 2018 2018 2018 2018	Utility Cost Total Progr Net Benefit

DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)

(JUNE - DECEMBER) Residential Reflective Roof Gulf Power Company June, 2011 Program Start Date: *Reporting Period: Program Name: Utility:

Annual 2011

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results.

*Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Residential Var	Residential Variable Speed/Flow Pool Pump
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

_	Actual Participation	Over (Under) Projected	Participants	(Column G-Column D)		:	1,113									
н	Actual Cumulative	Penetration Level	%	(G/C X 100)		:	0.36%									
თ	Actual Cumulative	Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	1,363									
LL.	Actual Annual	Number of Program	Participants	(Actual Participants)			1,363						-			
ш	Projected Cumulative	Penetration Level	%	(D/C X 100)		0.03%	0.07%	0.13%	0.22%	0.32%	0.41%	0.50%	0.58%	0.67%	0.74%	
۵	Projected Cumulative	Number of Program	Participants	(From Cons. Plan)		100	250	500	850	1,250	1,650	2,050	2,450	2,850	3,250	
U	Total	Number of Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
B		Total Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۷			Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Ins	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	1.15	1.51	1,567	2,058	
Summer kW Reduction	1.15	1.51	1,567	2,058	
Annual kWh Reduction	2,494	2,718	3,399,322	3,704,634	
l Hility Cost ner Installation:		<u>Annual</u>			

7/04	\$916	eriod: (\$151,134)	
Utility Cost per Installation.	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:	

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 E
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Energy Select (Energy Select (formerly GoodCents Select)
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation Over (Under)	Projected	Farticipants	(Column G-Column D)		:	(2,667)									
Ŧ	Actual	Cumulative Penetration	Level	\$	(G/C X 100)		:	-0.18%									
IJ	Actual	Cumulative Number of	Program	Farucipants	(Actual Participants	Plan-To-Date)	:	(667)									
ц.	Actual	Annual Number of	Program	Farucipants	(Actual Participants)			(667)									
ш	Projected	Cumulative Penetration	Level %	<u></u>	(D/C X 100)		0.27%	0.53%	0.79%	1.03%	1.27%	1.49%	1.70%	1.90%	2.10%	2.29%	
٥	Projected	Cumulative Number of	Program	ratucipatits	(From Cons. Plan)		1,000	2,000	3,000	4,000	5,000	6,000	2,000	8,000	6,000	10,000	
U		Total Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
ß		Total	Number of	cialiloteno	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۲			2007	ובסו			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

vings Per Installation Program Total	@ Meter @ Generator @ Meter @ Generator		1.73 2.27 (1,154) (1,515)	-	Annual	(\$\$,659)		
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114.PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 [
MSD	

Utility:	Gulf Power Company	npany
Program Name:	Energy Select Lite	lite
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation Over (Under)	Projected	Participants	(Column G-Column D)		:	92									
I	Actual	Cumulative Penetration	Level	%	(G/C X 100)		:	0.26%									
U	Actual	Cumulative Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	692									
LL.	Actual	Annual Number of	Program	Participants	(Actual Participants)		:	992									
ш	Projected	Cumulative Penetration	Level	%	(D/C X 100)		0.08%	0.24%	0.39%	0.54%	0.68%	0.82%	0.80%	0.79%	0.77%	0.76%	
۵	Projected	Cumulative Number of	Program	Participants	(From Cons. Plan)		300	006	1,500	2,100	2,700	3,300	3,300	3,300	3,300	3,300	
υ		Total Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
۵		Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
٩				Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total			1,277		
,	@ Mete		972		
Per Installation	ter @ Generator				<u>Annual</u> SR6
	<u>@</u>	1.1	0.98	556	
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Lititiv Cost ner Installation:

	000
Total Program Cost of the Utility (\$000):	\$86
Net Benefits of Measures Installed During Reporting Period:	(\$379,281)

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	Gulf Power Company
Program Name:	Self-Install Energy Efficiency	Self-Install Energy Efficiency
Measure Name:	Residential Energy Star Refr	Residential Energy Star Refrigerator
Program Start Date:	June, 2011	June, 2011
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

		ñ		ŝ	1	Γ.	T	<u> </u>	r-	Γ	Γ	Г	
	Actual Participation Over (Under) Projected	Column G-Column D)	:	(2,498)									
Ŧ	Actual Cumulative Penetration Level	6/C X 100)		0.13%									
9	Actual Cumulative Number of Program	(Actual Participants	Pian-1o-Uate)	502									
u.	Actual Annual Number of Program	(Actual Participants)	:	502									
ш	Projected Cumulative Penetration Level	/0 (D/C X 100)	0.27%	0.80%	1.32%	1.94%	2.66%	3.47%	4.37%	5.24%	6.07%	6.87%	
٥	Projected Cumulative Number of Program	(From Cons. Plan)	1,000	3,000	5,000	7,500	10,500	14,000	18,000	22,000	26,000	30,000	
U	Total Number of Eligible	(From Cons. Plan)	373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
ß	Total Number of	(From Cons. Plan)	374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A	Yoor	8	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Installation	<u>ilation</u>	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	0.03	0.04	15	20	
Summer kW Reduction	0.04	0.05	20	25	
Annual kWh Reduction	271	295	136,042	148,090	
	4	Annual			
Utility Cost per Installation:	\$	63			
Total Program Cost of the Utility (\$000):	\$	\$32			
Net Benefits of Measures Installed During Reporting Period:		\$8,183)			

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 [
DSM	

у Efficiency y Star Freezer

	·		_		_		<u> </u>	<u> </u>	<u> </u>	1	F	<u> </u>	-		
-	Actual Participation Over (Under)	Projected Participants	(Column G-Column D)		••	(564)									
Ŧ	Actual Cumulative Penetration	Level %	(G/C X 100)			0.01%									
ŋ	Actual Cumulative Number of	Program Participants	(Actual Participants	Plan-To-Date)	:	36									
u.	Actual Annual Number of	Program Participants	(Actual Participants)		•	36									
ω	Projected Cumulative Penetration	Level %	(D/C X 100)		0.05%	0.16%	0.29%	0.47%	0.63%	%62.0	0.95%	1.10%	1.24%	1.37%	
۵	Projected Cumulative Number of	Program Participants	(From Cons. Plan)		200	600	1,100	1,800	2,500	3,200	3,900	4,600	5,300	6,000	
o	Total Number of	Eligible Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
B	Total	Number of Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۷		Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Inst	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	0.010	0.013	0	0	
Summer kW Reduction	0.011	0.014	0	-	
Annual kWh Reduction	82	89	2,952	3,204	
		Annual			
Juility Cost per Installation:		\$63			
Total Program Cost of the Utility (\$000):		\$2			
Net Benefits of Measures Installed During Reporting Period:	od:	(\$222)			

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Gulf Power Company	Program Name: Self-Install Energy Efficiency	Residential Energy Star Window A/C	Program Start Date: June, 2011	*Reporting Period: Annual 2011 (JUNE
	cy	/indow A/C		(JUNE - DECEMBER)

-	Actual	Participation Over (Under)	Projected	Participants	(Column G-Column D)		:	(414)									
I	Actual	Cumulative Penetration	Level	%	(G/C X 100)		:	0.01%									
ŋ	Actual	Cumulative Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	36									
LL.	Actual	Annual Number of	Program	Participants	(Actual Participants)		:	36									
ш	Projected	Cumulative Penetration	Level	%	(D/C X 100)		0.04%	0.12%	0.22%	0.34%	0.46%	0.55%	0.63%	0.71%	%62.0	0.87%	
۵	Projected	Cumulative Number of	Program	Farticipants	(From Cons. Plan)		150	450	850	1,300	1,800	2,200	2,600	3,000	3,400	3,800	
v		Total Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
۵		Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A			2	rear			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

js Per Installation Program Total	@ Meter @ Generator @ Meter @ Generator	0.00 0.00 0	0.22 0.29 8 10	432 471 15,552 16,956	Annual	\$63	00): \$2	
Annual Demand and Energy Savings	<u>0</u> M	Winter kW Reduction 0.0	Summer kW Reduction 0.2	Annual kWh Reduction 43		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	

	2			ç İ				
A	ß	J	۵	ш	Ľ.	U	т	-
	F	Total	Projected Cumulative	Projected Cumulative	Actual Annual	Actual Cumulative	Actual Cumulative	Actual Participation
;	Number of	Eligible	Program	Level	Number of Program	Program	Penetration Level	Over (Under) Projected
Year	Customers	Customers	Participants	%	Participants	Participants	%	Participants
	(From Cons. Plan)	(From Cons. Plan)	(From Cons. Plan)	(D/C X 100)	(Actual Participants)	(Actual Participants Plan-To-Date)	(G/C X 100)	(Column G-Column D)
2010	374,936	373,219	500	0.13%	:		:	
2011	377,336	375,619	2,000	0.53%	417	417	0.11%	(1,583)
2012	381,544	379,827	4,500	1.18%				
2013	388,378	386,661	8,000	2.07%				
2014		395,196	12,500	3.16%				
2015	405,062	403,345	18,000	4.46%				
2016		411,774	24,500	5.95%				
2017	421,774	420,057	31,500	7.50%				
2018	430,056	428,339	38,500	8.99%				
2019	438,190	436,473	45,500	10.42%				
Annual De	Annual Demand and Energy Savings	avings	Per Installation	allation	Program Total	n Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW	Winter kW Reduction		0.03	0.04	12	15		
Summer k	Summer kW Reduction		0.03	0.04	12	15		
Annual kV	Annual kWh Reduction		197	215	82,149	89,655		

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	Guff Power Company
Program Name:	Self-Install Energy Efficiency	Self-Install Energy Efficiency
Measure Name:	Residential Energy Star Clott	Residential Energy Star Clothes Washer
Program Start Date:	June, 2011	June, 2011
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

.

<u>Annual</u> \$63 \$26 (\$7,412)

Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
I PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

-	Actual Participation Over (Under) Projected Participants (column G-Column D)	(396,800)
I	Actual Cumulative Penetration Level %	0.85%
IJ	Actual Cumulative Number of Program Participants (Actual Participants Plan-To-Date)	 3,200
u.	Actual Annual Number of Program Participants	
ш	Projected Cumulative Penetration Level % (D/C X 100)	66.38% 165.47% 155.17% 155.17% 145.71% 148.76% 140.08% 137.47%
٥	Projected Cumulative Number of Program Participants (From Cons. Plan)	255,000 255,000 500
U	Total Number of Eligible Customers ^(From Cons. Plan)	373,219 375,619 375,619 386,661 386,661 403,345 411,774 420,057 428,057 428,057 436,473
ю	Total Number of Customers (From Cons. Plan)	374,936 377,336 381,378 388,378 388,378 388,378 405,062 413,491 421,774 421,774 421,774 438,190
۲	Year	2010 2011 2013 2013 2014 2015 2015 2015 2015 2019 2019 2019

Annual Demand and Energy Savings	Per Installation	ation	Progra	Program Total	
0	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction 0.0	0.00	0,00	;	14	
Summer kW Reduction 0.0	0.00	0.00	8	10	
Annual kWh Reduction 5	55	60	176,000	192,000	
	A	Annual			
Utility Cost per Installation:	\$8	\$8			
Total Program Cost of the Utility (\$000):	\$2	9			
Net Benefits of Measures Installed During Reporting Period:	(\$	(\$6,092)			

REPORT	
PROGRAM PROGRESS	(2010 DSM PLAN)
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Refrigerator Recycling	scycling
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual	Participation Over (Under)	Projected Participants	(Column G-Column D)		:	(935)									
I	Actual	Penetration	Level %	(G/C X 100)		:	0.22%									
თ	Actual	Number of	Program Participants	(Actual Participants	Plan-To-Date)	:	815									
Ŀ	Actual	Annual Number of	Program Participants	(Actual Participants)		:	815									
ш	Projected	Penetration	Level %	(D/C X 100)		%00.0	0.47%	1.38%	2.26%	3.10%	3.90%	4.31%	4.70%	5.08%	5.44%	
۵	Projected	Number of	Program Participants	(From Cons. Plan)		0	1,750	5,250	8,750	12,250	15,750	17,750	19,750	21,750	23,750	
υ		Number of	Eligible Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
8		Total	Number of Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A			Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Energy Savings		Per Installation er <u>@ Generator</u>	Progra @ Meter	<u>Program Total</u> r <u>@ Generator</u>
Minter kW Reduction 0.	0.08	0.11	65	86
Summer kW Reduction 0.	0.08	0.11	65	86
Annual kWh Reduction 7:	738	804	601,470	655,602
		Annual		
Utility Cost per Installation:		\$199		
Total Program Cost of the Utility (\$000):		\$163		
Net Benefits of Measures Installed During Reporting Period:	0	(\$45,777)		

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114.PAA-EG. Program standards were approved in Apnil 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 E
DSM	

_	Actual Participation Over (Under) Proiected	Participants	(Cotumn G-Column D)	:	(724)									
r	Actual Cumulative F Penetration C	%	(G/C X 100)	:	1.02%									
ŋ	Actual Cumulative Number of Program	Participants	(Actual Participants		476									
L	Actual Annual Number of Program	Participants	(Actual Participants)	:	476									
ш	Projected Cumulative Penetration Level	%	(D/C X 100)	1.29%	2.56%	3.80%	5.00%	6.13%	7.23%	8.29%	9.31%	10.30%	11.26%	
۵	Projected Cumulative Number of Program	Participants	(From Cons. Plan)	600	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,400	6,000	
v	Total Number of Elicible	Customers	(From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	-
ß	Total Number of	Customers	(From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
×		Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	-

Annual Demand and Energy Savings	<u>Per Ins</u>	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction					
Summer kW Reduction		-			
Annual kWh Reduction	*****				
		Annual			
Utility Cost per Installation:		\$681			
Total Program Cost of the Utility (\$000):		\$324			
Net Benefits of Measures Installed During Reporting Period:	:po	N/A			

Note: The demand and energy savings of this program are not applied toward the established DSM goals.

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	
Program Name:	Commercial HVAC Retrocommissioning	rocommissioning
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011 (JUNE	(JUNE - DECEMBER)

-	Actual	Participation	Over (Under)	Projected	Participants	(Column G-Column D)		:	(222)									
Ŧ	Actual	Cumulative	Penetration	Level	%	(G/C X 100)		:	0.69%									
U	Actual	Cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	323									
LL.	Actual	Annual	Number of	Program	Participants	(Actual Participants)		:	323									
ш	Projected	Cumulative	Penetration	Level	%	(D/C X 100)		0.31%	1.16%	2.53%	4.15%	6.12%	8.42%	11.04%	13.56%	16.20%	18.38%	
D	Projected	Cumulative	Number of	Program	Participants	(From Cons. Plan)		145	545	1,195	1,995	2,995	4,195	5,595	6,995	8,495	9,795	
v		Total	Number of	Eligible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
B			Total	Number of	Customers	(From Cons. Plan)		54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
۷					Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Installation	allation	Progra	Program Total	
19 Winter kW Reduction	<u>u meter</u> 0.32	<u>0.42</u>	103	<u>136</u>	
Summer kW Reduction	1.30	1.71	420	552	
Annual kWh Reduction	3,921	4,274	1,266,483	1,380,502	
	-	Annual			
Julity Cost per Installation:	•,	\$234			
Total Program Cost of the Utility (\$000):	.,	\$76			
Net Benefits of Measures Installed During Reporting Period:	•	(\$36,060)			

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

SACE 1st Response to Staff 014273

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Commercial Bu	Commercial Building Efficiency Program
Measure Name:	Commercial HVAC Program	/AC Program
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	_ s	(ra _ *s	n D)		(365)			<u> </u>		Γ						
-	Actual Participatio	Over (Under) Projected Participants**	(Column G-Column D)	:												
т	Actual Cumulative	Penetration Level %	(G/C X 100)	N/A	N/A											
ŋ	Actual Cumulative	Number of Program Participants**	(Actual Participants Plan-To-Date)		85										Program Total	@ Generator
u.	Actual Annual	Number of Program Participants**	(Actual Participants)	:	85										Program	@ Meter
ш	Projected Cumulative	Penetration Level %	(D/C X 100)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		allation	@ Generator
۵	Projected Cumulative	Number of Program Participants**	(From Cons. Plan)	150	450	800	1,200	1,700	2,300	2,900	3,600	4,300	5,000		Per Installation	@ Meter
υ	Total	Number of Eligible Customers	(From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302		avings	1
æ		Total Number of Customers	(From Cons. Plan)	54,648	55,016	55,584	56,431		58,450	59,469	60,476	61,486	62,491	**Tons of HVAC installed	Annual Demand and Energy Savings	3
۲		Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	**Tons of	Annual De	

Annual Demand and Energy Savings	Perlo	Per Installation	Prodre	am Total
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.15	0.20	13	17
Annual kWh Reduction	652	711	55,420	5,420 60,435
		Annual		

Utility Cost per Installation:	\$142
Total Program Cost of the Utility (\$000):	\$12
Net Benefits of Measures Installed During Reporting Period:	(\$2,613)

۲	۵	ပ	۵	ш	ш	U	т	-
Year	Total Number of Customers	Total Number of Eligible	Projected Cumulative Number of Program Particioants**	Projected Cumulative Penetration Level %	Actual Annual Number of Program Participants**	Actual Cumulative Number of Program Particioants**	Actual Cumulative Penetration Level	Actual Participation Over (Under) Projected
	(From Cons. Plan)	(From Cons. Plan)	(From Cons. Plan)	(D/C X 100)	(Actual Participants)	(Actual Participants Plan-To-Date)	(G/C X 100)	(Column G-Column D)
2010	54,648	46,618	150	N/A			N/A	
2011		46,872	325	N/A	0	0	N/A	(325)
2012		47,317	525	N/A				
2013		48,039	775	N/A				
2014		48,940	1,025	N/A				
2015		49,802	1,275	N/A				
2016		50,692	1,525	N/A				
2017		51,568	1,775	N/A				
2018		52,443	1,995	N/A				
2019	62,491	53,302	2,215	N/A				
**Tons of	*Tons of Geothermal HVAC installed	stalled						
5								
Annual D	Annual Demand and Energy Savings	avings	Per Installation	allation	Program Total	n Total		
Winter kV	Minter kW Reduction		@ Meter 0.37	@ Generator	@ Meter	@ Generator		
Summer	Summer kW Reduction		0.29	0.38				
Annual k/	Annual kWh Reduction		685	747	0	0		
Utility Co: Total Proy	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:	γ (\$000): lled During Reporting		<u>Annual</u> N/A \$0.04 N/A	No program participants	윈		

Gulf Power Company

Commercial Geothermal Heat Pump Program Commercial Building Efficiency Program

(JUNE - DECEMBER)

Annual 2011 June, 2011

Program Start Date: *Reporting Period:

Program Name: Measure Name:

Utility:

SACE 1st Response to Staff 014275

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

Page 45

Commercial Building Efficiency Program (JUNE - DECEMBER) Commercial HPWH Program Gulf Power Company Annual 2011 June, 2011 Program Start Date: *Reporting Period: Program Name: Measure Name: Utility:

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

۲	۵	U	۵	ш	ш	U	r	-
	Total	Total Number of	Projected Cumulative Number of	Projected Cumulative Penetration	Actual Annual Number of	Actual Cumulative Number of	Actual Cumulative Penetration	Actual Participation Over (Under)
Year	Number of Customers	Eligible Customers	Program Participants**	Level %	Program Participants**	Program Participants**	Level %	Projected Participants**
	(From Cons. Plan)	(From Cons. Plan)	(From Cons. Plan)	(D/C X 100)	(Actual Participants)	(Actual Participants Plan-To-Date)	(G/C X 100)	(Column G-Column D)
2010		46,618	29,965	N/A	:	:	N/A	:
2011		46,872	85,095	N/A	22,180	22,180	N/A	(62,915)
2012		47,317	165,596	N/A				
2013		48,039	267,555	N/A				
2014		48,940	387,349	N/A				
2015		49,802	521,669	N/N				
2016		50,692	667,532	N/N				
2017		51,568	822,284	N/N				
2018		52,443	983,588	N/A				
2019	62,491	53,302	1,149,409	A/N				
**Square	*Square feet of insulation installed	alled						
Annual Du	Annual Demand and Energy Savings	avings	Per inst	Per Installation	Program Total	m Total		
Matar bid	Affator MA Doduction		@ Meter	@ Generator	@ Meter	@ <u>Generator</u>		
Summer k	Summer kW Reduction		00.0	00.0	4 7	5 15		
Annual kV	Annual kWh Reduction		0.86	0.90	19,141	19,962		
Utility Cos Total Proç Net Benef	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:	y (\$000): Iled During Reporting		<u>Annual</u> \$2 \$52 (\$415)				

Commercial Ceiling/Roof Insulation Program Commercial Building Efficiency Program (JUNE - DECEMBER) Gulf Power Company Annual 2011 June, 2011 Program Start Date: *Reporting Period: Program Name: Measure Name: Utility:

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

_	Actual Participation Over (Under) Projected	Participants** Column G-Column D)	:	(24,973)										
т	Actual Cumulative Penetration Level		N/A	N/A										
ი	Actual Cumulative Number of Program	Participants" (Actual Participants Plan-To-Date)		0										n Total
u.	Actual Annual Number of Program	Actual Participants	:	0										Program Total
ш	Projected Cumulative Penetration Level	% (D/C X 100)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		allation
Ω	Projected Cumulative Number of Program	From Cons. Plan)	8,620	24,973	49,250	80,015	115,900	155,652	198,155	242,444	287,703	333,258		Per Installation
υ	Total Number of Eligible	CUSTOMERS (From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	talled	vings
B	Total Number of	Customers (From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	*Square feet of window film installed	Annual Demand and Energy Savings
٩		Tear	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	**Square fe	Annual Den

×

Annual Demand and Energy Savings	Per In:	Per Installation		am Total
	@ Meter	@ Generator		@ Meter @ Generator
Winter kW Reduction	0,00	0.00		0
Summer kW Reduction	0.00	0.00	0	0
Annual kWh Reduction	11	12	0	0
		-		

			No program participants
Annual	N/A	\$0.48	N/A
	Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results. *Note:

Utility:	Gulf Power Company	
Program Name:	Commercial Building Efficiency Program	
Measure Name:	Commercial Interior Lighting	
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011 (JUNE - DECEMBER)	

	(-				 71	
-	Actual Participation Over (Under) Projected	(Column G-Column D)	:	157										
н	Actual Cumulative Penetration Level	(G/C X 100)	N/A	N/A										
U	Actual Cumulative Number of Program	(Actual Participants Plan-To-Date)		282										n Total
ш	Actual Annual Number of Program	(Actual Participants)		282										Program Total
Ш	Projected Cumulative Penetration Level	(D/C X 100)	A/A	N/A		allation								
D	Projected Cumulative Number of Program	(From Cons. Plan)	50	125	225	375	525	650	750	850	950	1,050		Per Installation
c	Total Number of Eligible	(From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302		spings
â	Total Number of Cuetomore	(From Cons. Plan)	54,648	55,016	55,584	56,431	57,460		59,469	60,476	61,486	62,491	 **kW of lighting reduction	Annual Demand and Energy Savings
A	Vesr		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	**kW of lig!	Annual Dei

Annual Demand and Energy Savings	Perins	stallation	ē	Program Total
	@ Meter	@ Generator	ter	@ Generator
Winter kW Reduction	1.00	1.31		369
Summer kW Reduction	1.00	1.00 1.31 282		369
Annual kWh Reduction	4,380	4,774	60	1,346,268

Annual	\$95	\$27	(\$44,398)
	Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT		
PROGRESS	(2010 DSM PLAN)	
PROGRAM	(2010	
DSM		

Utility:	Gulf Power Company	npany
Program Name:	Commercial Bu	Commercial Building Efficiency Program
Measure Name:	Commercial Int	Commercial Interior Lighting - LED
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	(<u></u>					-				_			 5	
-	Actual Participation Over (Under) Projected	Participants** (Column G-Column D)	:	11										
I	Actual Cumulative Penetration Level	% (G/C X 100)	N/A	N/A										
ŋ	Actual Cumulative Number of Program		•••	61										Program Total
ш	Actual Annual Number of Program	Participants** (Actual Participants)	.:	61			,							Program
ш	Projected Cumulative Penetration Level	% (D/C × 100)	N/A		allation									
۵	Projected Cumulative Number of Program	Participants** (From Cons. Plan)	20	50	06	140	200	260	320	380	440	500		Per Installation
U	Total Number of Eligible	Customers (From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302		ivings
B	Total Number of	Customers (From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	 **kW of lighting reduction	Annual Demand and Energy Savings
۷		Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	**kW of ligh	Annual Der

Annual Demand and Energy Savings	Per In:	stallation	Produ	am Total
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.00	1.31	61	80
Summer kW Reduction	1.00	1.00 1.31	61	61 80
Annual kWh Reduction	4,380	4,774	267,180	291,214

<u>Annual</u> \$95	\$ 6	(\$10,541)
Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	ipany
Program Name:	Commercial Bui	Commercial Building Efficiency Program
Measure Name:	Commercial Occ	Commercial Occupancy Sensor - Interior Lighting
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

SACE 1st Response to Staff 014281

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results.

<u>Annual</u> \$64 \$44 (\$19,257)

> Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

*Note:

<u>@ Generator</u> 177 177 592,960

@ Meter 136 136 544,000

@ Meter 0.20 0.20 800

> Summer kW Reduction Annual kWh Reduction

Winter kW Reduction

@ <u>Generator</u> 0.26 0.26 872

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Commercial Bu	Commercial Building Efficiency Program
Measure Name:	Commercial Reflective Roof	flective Roof
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Actual Participation Over (Under) Projected	Participants**	(Column G-Column D)		::	(214,187)										
т	Actual Cumulative Penetration Level	%	(G/C X 100)		N/A	N/A										
U	Actual Cumulative Number of Program	Participants**	(Actual Participants	Plan-To-Date)	:	85,813										
ц.	Actual Annual Number of Program	Participants**	(Actual Participants)		••	85,813										
ш	Projected Cumulative Penetration Level	%	(D/C X 100)		N/A	W/N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
٥	Projected Cumulative Number of Program	Participants**	(From Cons. Plan)		100,000	300,000	600,000	1,000,000	1,400,000	1,900,000	2,400,000	2,800,000	3,200,000	3,600,000		
υ	Total Number of Eligible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302		nstalled
B	Total Number of	Customers	(From Cons. Plan)		54,648	55,016	55,584	56,431			59,469	60,476	61,486	62,491	line of the second s	
A		Year	ntsidegyeg		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		i alenbo

Annual Demand and Energy Savings	Per Ins	Per Installation	Progra	Program Total
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.00	0.00	78	103
Annual kWh Reduction	2.45	2.67	210,242	229,121

<u>Annual</u> \$2	\$207	(\$9,792)
Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

۲	۵	υ	۵	ш	ш	g	т	-
	Total	Total Number of	Projected Cumulative Number of	Projected Cumulative Penetration	Actual Annual Number of	Actual Cumulative Number of	Actual Cumulative Penetration	Actual Participation Over (Under)
Year	Number of Customers	Eligible Customers	Program Participants**	Level %	Program Participants**	Program Participants**	Level %	Projected Participants**
	(From Cons. Plan)	(From Cons. Plan)	(From Cons. Plan)	(D/C X 100)	(Actual Participants)	(Actual Participants Plan-To-Date)	(G/C X 100)	(Column G-Column D)
2010		46,618	75	N/A			N/A	:
2011	55,584	46,872	225	N/N N/A	181	181	N/N	(44)
2013		48,039	675	N/A				
2014		48,940	925	N/A				
2015		49,802	1,175	N/A				
2016		50,692	1,375	N/A				
2017		51,568	1,575	N/A				
2018		52,443	1,775	N/A				
2019	62,491	53,302	1,975	N/A				
	"Number of sensors installed							
Annual De	Annual Demand and Energy Savings	avings	Per Installation	<u>allation</u>	Program Total	n Total		
146-4-01	Minter MAY Deduction		@ Meter	@ Generator	<u>@ Meter</u>	@ Generator		
Summer k	Summer kW Reduction		0.03	0.03	יי כ	n u		
Annual kV	Annual kWh Reduction		512	558	92,672	100,998		
Utility Cos Total Proç Net Benef	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures installed During Reporting Period:	ν (\$000): ied During Reporting		Annual \$122 \$5,008)				

DSM PROGRAM PROGRESS REPORT (2010 DSM PLAN)

Commercial Occupancy Sensor HVAC Control (JUNE - DECEMBER) Gulf Power Company Annual 2011 June, 2011 Program Start Date: *Reporting Period: Program Name: Utility:

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010
DSM	

Gulf Power Company High Efficiency Motor Program Commercial EE Motor 1-5 HP June, 2011
E di Lina Lina Lina Lina Lina Lina Lina Lina

۷	Ш	υ	۵	ш	LL.	U	I	-
			Projected	Projected	Actual	Actual	Actual	Actual
1111111		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Participation
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Over (Under)
-	Number of	Eligible	Program	Level	Program	Program	Level	Projected
Year	Customers	Customers	Participants**	%	Participants**	Participants**	%	Participants**
	(From Cons. Plan)	(From Cons. Plan)	(From Cons. Plan)	(D/C X 100)	(Actual Participants)	(Actual Participants	(G/C X 100)	(Column G-Column D)
						Plan-To-Date)		
2010	54,648	46,618	25	N/A	:	:	N/A	:
2011	55,016	46,872	75	N/A	ъ	5	N/A	(02)
2012	55,584	47,317	125	N/A				
2013	56,431	48'039	175	N/A				
2014	57,460	48,940	225	N/A				
2015	58,450	49,802	275	N/A				
2016	59,469	20'69'0	325	N/A				
2017	60,476	51,568	375	N/A				
2018	61,486	52,443	425	N/A				
2019	62,491	53,302	475	N/A				
**Horespo	**Horespower installed							
Annual De	Annual Demand and Friends		Der Installation	allation	Drocom Total	n Total		
	מוומות מוח רוומולא סי	chilla	@ Meter	@ Generator	@ Meter	@ Generator		

Annual Demand and Energy Savings	Per Ins	Per Installation	Progra	Program Total
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.03	0.04	0	0
Summer kW Reduction	0.03	0.04	0	0
Annual kWh Reduction	159	173	795	865

 Annual

 Utility Cost per Installation:
 \$89

 Total Program Cost of the Utility (\$000):
 \$0.44

 Net Benefits of Measures Installed During Reporting Period:
 \$42

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

A B Total fear Customers (From Cons. Plan) 2010 54,648	C Total Number of Eligible Customers (From Cons. Plan) (From Cons. Plan)	D Projected Cumulative Number of Program Participants** (Fron Cons. Plan)	E Projected Cumulative Penetration Level (DICX 100)	F Actual Annual Number of Program Participants** (Actual Participants)	G Actual Cumulative Number of Participants** (Actual Participants (Actual Participants (Actual Participants (Actual Participants) 	H Actual Cumulative Penetration Level (scc x 100)	I Actual Participation Over (Under) Projected Projected Projected (column C.Column D)
55,016 55,584 55,584 56,431 57,460 57,460 53,469 58,450 60,476 60,476 60,476 61,488 61,488	46,872 47,317 48,940 48,940 50,692 51,568 52,443 52,443 53,302 53,302	2,875 2,875 6,625 6,625 10,375 11,255 14,125				VNN	
 "Horespower installed Annual Demand and Energy Savings Winter kW Reduction Summer kW Reduction Annual kWh Reduction Utility Cost per installation: Utility Cost per installation: Total Program Cost for Cost on Cost	••••••••••••••••••••••••••••••••••••••	Perinsi Meter 3.02 9.4 9.4	allation @ Generator 0.02 0.02 102 102 102 102 102 102 102 102 102 1	Program Total @ Meter @ 0 0 1.410	<u> </u>		

Utility:	Gulf Power Company	mpany
Program Name:	High Efficiency	High Efficiency Motor Program
Measure Name:	Commercial EE	Commercial EE Motor 6-50 HP
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

Guff's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guff's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guff's 2010 DSM Plan). Page 72 summaries total results. *Note:

	<u>د ج</u>	: â	Т	[ĝ	T	<u> </u>	Γ	ľ	[Γ	[[
-	Actual Participation Over (Under) Projected	Participants** (Column G-Column D)	:	(3,300)													
т	Actual Cumulative Penetration Level	% (G/C X 100)	N/A	N/A													
დ	Actual Cumulative Number of Program	Participants** (Actual Participants Plan-To-Date)		300										n Total	@ Generator	7	2 11,700
Ŀ	Actual Annual Number of Program	Participants** (Actual Participants)	:	300										Program Total	@ Meter	7	2 10,800
ш	Projected Cumulative Penetration Level	% (D/C X 100)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		allation	@ Generator	0.01	0.01 39
۵	Projected Cumulative Number of Program	Participants** (From Cons. Plan)	1,200	3,600	6,000	8,400	10,800	13,200	15,600	18,000	20,400	22,800		Per Installation	@ Meter	0.01	0.01 36
υ	Total Number of Eligible	Customers (From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302		vings			
m	Total Number of	Customers (From Cons. Plan)	54,648	55,016	55,584	56,431	57,460		59,469	60,476	61,486	62,491	**Horespower installed	Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction Annual kWh Reduction
≺		Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	**Horespor	Annual Dei		Winter kW	Summer k Annual kW

Utility:	Gulf Power Company	npany
Program Name:	High Efficiency	High Efficiency Motor Program
Measure Name:	Commercial EE	Commercial EE Motor 51 + HP
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

Gulf's 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

<u>Annual</u> \$89 \$26.68 (\$803)

> Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Food Service E	Food Service Efficiency Program
Measure Name:	Convection Oven	Li contra c
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

			_		-							
-	Actual Participation Over (Under) Projected Participants (Column G-Column D)		(4)									
I	Actual Cumulative Penetration Level % (GKC X 100)	:	%00.0									
ŋ	Actual Cumulative Number of Program Participants		0									
ш	Actual Annual Number of Program Participants (Actual Participants)		0									
ш	Projected Cumulative Penetration Level %	0.00%	0.01%	0.01%	0.02%	0.03%	0.04%	0.05%	0.05%	0.06%	0.08%	
٥	Projected Cumulative Number of Program Participants (From Cons. Plant)	1	4	7	10	14	18	23	28	34	40	
U	Total Number of Eligible Customers (From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
ß	Total Number of Customers (From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
۲	Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	0	0		ants
Progra	@ Meter	0	0	0		No program participants
Per Installation	@ Generator	0.53	0.53	2,037	<u>Amnual</u> N/A \$5	N/A
Perl	@ Meter	0.40	0.40	1,869		1g Reporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	Gulf Power Company
Program Name:	Food Service Efficien	Food Service Efficiency Program
Measure Name:	Fryer	Fryer
Program Start Date:	June, 2011	June, 2011
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

_	Actual	Projected	Participants	(Column G-Column D)		::	(5)									
I	Actual	Penetration Level	%	(G/C X 100)		:	0.00%									
U	Actual	Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	0									
ъ	Actual	Number of Program	Participants	(Actual Participants)		:	0									
ш	Projected Cumulative	Penetration	%	(D/C X 100)		%00.0	0.01%	0.02%	0.03%	0.04%	0.05%	0.06%	%20.0	0.08%	0.09%	
Q	Projected	Number of Program	Participants	(From Cons. Plan)		2	5	6	14	20	26	32	38	44	50	
υ	Total	Number of Eligible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
æ		Total Number of	Customers	(From Cons. Plan)		54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
٩			Year		-	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

n Total	@ Generator	0	0	0	tts
Program Total	@ Meter	0	0	0	No program participants
Per Installation	@ Generator	0.26	0.26	1,264	<u>Annual</u> N/A \$1 N/A
Perln	@ Meter	0.20	0.20	1,160	orting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	OSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	any
Program Name:	Food Service Efficiency Program	ciency Program
Measure Name:	Griddle	
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

				-		_		-					_
-	Actual Participation Over (Under) Projected Participants	(Column G-Column D)	:	(2)									
I	Actual Cumulative Penetration Level %	(G/C X 100)	::	0.00%									
9	Actual Cumulative Number of Program Participants	(Actual Participants Pian-To-Date)	:	0									
ш	Actual Annual Number of Program Participants	(Actual Participants)	:	0								1	
ш	Projected Cumulative Penetration Level %	(D/C X 100)	%00.0	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.02%	0.03%	
Q	Projected Cumulative Number of Program Participants	(From Cons. Plan)	+	2	3	4	5	7	6	11	13	15	
U	Total Number of Eligible Customers	(From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
ш	Total Number of Customers	(From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
۲	Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Winter kW Reduction 0.50	<u>Fer Installation</u> er <u>@ Generator</u> 0.66	@ Meter 0	rrogram lotal r <u>© Generator</u> 0
0.30	2,750	00	
Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:	Annual N/A \$144 N/A	No program participants	ants

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Gulf Power Company	Food Service Efficiency Program	Steamer	Program Start Date: June, 2011	*Reporting Period: Annual 2011 (JU
	icy Program			(JUNE - DECEMBER)

1		1	r	r		T	r	7~~~		<u></u>		<u> </u>
_	Actual Participation Over (Under) Projected Participants (Column G-Column D)	:	0									
н	Actual Cumulative Penetration Level % (GCX 100)	:	0.00%									
უ	Actual Cumulative Number of Program Participants (Actual Participants	:	0									
ш	Actual Annual Number of Participants (Actual Participants)		0									
ш	Projected Cumulative Penetration Level %	%00.0	0.00%	%00.0	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	
٥	Projected Cumulative Number of Program Participants (From Cons. Plan)	0	0	0	*-	2	e	e	4	4	5	
U	Total Number of Eligible Customers (From Cons. Plan)	46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
ß	Total Number of Customers (From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
A	Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	0	0	รม
Program	@ Meter	0	0	0	No program participants
Per Installation	@ Generator	18.11	18.11	65,488	<u>Annual</u> N/A \$24 N/A
Perl	@ Meter	13.79	13.79	60,081	Reporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction	Utility Cost per Installation: Total Program Cost of the Utility (\$000): Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Food Service E	Food Service Efficiency Program
Measure Name:	Holding Cabinet	
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

			_						in the second						
-	Actual Participation Over (Under) Proiocted	Participants	(Column G-Column D)			(11)									
Ŧ	Actual Cumulative Penetration	%	(G/C X 100)			0.00%									
U	Actual Cumulative Number of Program	Participants	(Actual Participants	Plan-To-Date)	•	0									
L	Actual Annual Number of Program	Participants	(Actual Participants)		:	0									
ш	Projected Cumulative Penetration	%	(D/C X 100)		0.01%	0.02%	0.04%	0.06%	0.08%	%60'0	0.12%	0.14%	0.16%	0.19%	
Q	Projected Cumulative Number of Program	Participants	(From Cons. Plan)		5	11	19	27	37	47	59	71	85	100	
v	Total Number of Elicible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
ш	Total Number of	Customers	(From Cons, Plan)		54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
A		Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Total	@ Generator	0	0	0					ıts
Program Total	@ Meter	0	0	0					No program participants
Per Installation	@ Generator	1.58	1.58	7,122		VIIIN	N/A	\$0	N/A
Perln	@ Meter	1.20	1.20	6,534					Reporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction			Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	Gulf Power Company
Program Name:	Food Service Efficien	Food Service Efficiency Program
Measure Name:	Ice Machine	Ice Machine
Program Start Date:	June, 2011	June, 2011
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	[10	1	.	1 –	r	T	T	T		
-	Actual	Participation Over (Under) Broiseted	Participants	(Column G-Column D)		:	(18)									
н	Actual	Cumulative Penetration	%	(G/C X 100)		:	0.00%									
U	Actual	Cumulative Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	0									
Ľ.	Actual	Annual Number of Program	Participants	(Actual Participants)		:	0									
ш	Projected	Cumulative Penetration Level	%	(D/C X 100)		0.01%	0.04%	0.06%	0.09%	0.11%	0.13%	0.15%	0.17%	0.19%	0.21%	
۵	Projected	Cumulative Number of Program	Participants	(From Cons. Plan)		9	18	30	42	54	99	78	06	102	114	
υ		I otal Number of Flinible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
ß		Total Number of	Customers	(From Cons. Plan)		54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
٩		2000000020	Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	0	0	0				ants
Progra	@ Meter	0	0	0				No program participants
Per Installation	@ Generator	0.26	0.26	1,959	Annual	N/A	\$0	N/A
Per Ir	@ Meter	0.20	0.20	1,797				g Reporting Period:
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction		Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	mpany
Program Name:	Commercial/Inc	Commercial/Industrial Custom Incentive
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

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Actual Participation Over (Under)	Participants	(Column G-Column D)			9									
Actual Cumulative Penetration	%	(G/C X 100)			0.01%									
Actual Cumulative Number of Program	Participants	(Actual Participants	Plan-To-Date)	:	9									
Actual Annual Number of Program	Participants	(Actual Participants)		:	9									
Projected Cumulative Penetration	%	(D/C X 100)	:	%00.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Projected Cumulative Number of Program	Participants	(From Cons. Plan)		:	:	:	:	:	:	:	;			
Total Number of Flicible	Customers	(From Cons. Plan)		46,618	46,872	47,317	48,039	48,940	49,802	50,692	51,568	52,443	53,302	
Total Number of	Customers	(From Cons. Plan)		54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
	Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Inst	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction			443	582	
Summer kW Reduction			440	577	
Annual kWh Reduction			3,985,873	5,234,646	
Utility Cost per Installation:		<u>Annual</u> \$6,606			

		No incentives paid	
\$6,606	\$40	N/A	
Utility Cost per Installation:	Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period**:	

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results. *Note:

**Note: Only includes customers that received incentive payments.

... 5,234,646 2,725,594 1,825,618 273,166 232,579 159,303 18,386 5,234,646 Energy kWh Energy kWh Generator 582 402.66 72.23 41.24 26.27 27.58 12.21 582 Generator Winter kW Winter kW : 410.80 59.10 41.24 26.27 27.58 12.21 Summer kW 577 577 Summer kW : 2,075,378 1,390,100 208,000 177,095 121,300 14,000 Energy kWh 3,985,873 3,985,873 Energy kWh : 306.60 55.00 31.40 20.00 21.00 9.30 443 443 Meter Winter kW <u>Meter</u> Winter kW : (JUNE - DECEMBER) 312.80 45.00 31.40 20.00 21.00 9.30 440 440 Summer kW Summer kW Commercial/Industrial Custom Incentive : 2013 2010 2011 2012 2014 Cumulative Gulf Power Company Annual 2011 June, 2011 Projects - 2011 MBBA Chiller Recommissioning** NASP 5 Lighting and HVAC** NASP 9 Lighting and HVAC** Program Start Date: *Reporting Period: Program Name: Utility:

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for Juneury - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results. *Note:

These customers did not receive an incentive payment **Note:

5,234,646

582.19

577.20

3,985,873

443.30

439.50

Total

Walgreens Cooler Doors** AT&T Chillers** City of Century HVAC**

Gulf Power Company	e: Real Time Pricing	Date: June, 2011	riod: Annual 2011 (JUNE - DECEMBER)
Utility:	Program Name:	Program Start Date:	*Reporting Period:

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Actual Participation Over(Under) Projected Participation	(Column G-Column D)	•••	(2)									
Actual Cumulative Penetration Level %	(G/C × 100)		0.00%									
Actual Cumulative Number of Program Participants	(Actual Participants Ptan-To-Date)		0									
Actual Annual Number of Program Participants	(Actual Participants)	:	0									
Projected Cumulative Penetration Level %	(D/C X 100)	11.11%	11.11%	11.11%	11.11%	11.11%	11.11%	11.11%	11.11%	11.11%	11.11%	
Projected Cumulative Number of Program Participants	(From Cons. Plan)	2	2	2	2	2	2	2	2	2	2	
Total Number of Eligible Customers	(From Cons. Plan)	18	18	18	18	18	18	18	18	18	18	
Total Number of Customers	(From Cons. Plan)	54,648	55,016	55,584	56,431	57,460	58,450	59,469	60,476	61,486	62,491	
Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Installation	lation	Progra	Program Total	
0	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	1,000	1,313	0	0	
Summer kW Reduction	2,000	2,627	0	0	
Annual kWh Reduction					
	Ā	Annual			
Utility Cost per Installation:	Ż	NA			
Total Program Cost of the Utility (\$000):	\$6	\$62			
Net Benefits of Measures Installed During Reporting Period:		N/A	No program participants	ants	

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

REPORT	
PROGRESS	OSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential Solar Thermal	ar Thermal
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	Actual	Participation	Over (Under)	Projected	Participants	(Column G-Column D)		:	(195)									
I	Antini	Cumulative	Penetration	Level	%	(G/C X 100)		:	0.01%									
IJ	Actual	Cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	35									
Ŀ	Actual	Annual	Number of	Program	Participants	(Actual Participants)		:	35									
ш	Droiocted	Cumulative	Penetration	Level	%	(D/C X 100)		0.03%	0.06%	%60'0	0.12%	0.15%	0.14%	0.14%	0.14%	0.13%	0.13%	
D	Droiortad	Cumulative	Number of	Program	Participants	(From Cons. Plan)	-	115	230	345	460	575	575	575	575	575	575	
υ		Total	Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
8			Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
٩					Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Demand and Energy Savings	Per Ins	Per Installation	Progra	Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	0.25	0.33	8.75	11.55	
Summer kW Reduction	0.25	0.33	8.75	11.55	
Annual kWh Reduction	1,906	2,078	66,710	72,730	
Utility Cost per Installation:		<u>Annual</u> \$1,262			

\$44	N/A	
Total Program Cost of the Utility (\$000):	Net Benefits of Measures Installed During Reporting Period:	

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 [
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Residential Solar PV	ar PV
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

	r															
_	Actual Particination	Over (Under) Projected	Participants	(Column G-Column D)			(60)									
Ŧ	Actual Cumulative	Penetration	%	(G/C X 100)			% I N'N									
IJ	Actual Cumulative	Number of Program	Participants	(Actual Participants	rian-10-Uale)		- -									
u.	Actual Annual	Number of Program	Participants	(Actual Participants)			F									
ш	Projected Cumulative	Penetration Level	%	(D/C X 100)	0.01%	70000	0.20.0	0.00.0	0.04%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	
۵	Projected Cumulative	Number of Program	Participants	(From Cons. Plan)	40		000	071	1091	200	200	200	200	200	200	
U	Total	Number of Eligible	Customers	(From Cons. Plan)	373 210	375,610	210,010	120'210	380,661	395,196	403,345	411,774	420,057	428,339	436,473	
B		Total Number of	Customers	(From Cons. Plan)	374 936	377 336	381 544	1000 010	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
A			Year		2010	2011	2012	20400	2013	2014	2015	2016	2017	2018	2019	

Program Total	@ Generator	80.77	161.54	285,483		
Progra	@ Meter	61.50	123.00	261,908		
Per Installation	@ Generator	1.97	3.94	6,963	Annual	C067
Per In	@ Meter	1.50	3.00	6,388		
Annual Demand and Energy Savings		Winter kW Reduction	Summer kW Reduction	Annual kWh Reduction		Itility Obet her Installation:

Utility Cost per Installation:	\$267
Total Program Cost of the Utility (\$000):	\$11
Net Benefits of Measures Installed During Reporting Period:	N/A

REPORT	
PROGRESS	DSM PLAN)
PROGRAM	(2010 E
DSM	

Utility:	Gulf Power Company	npany
Program Name:	Commercial Solar PV	lar PV
Program Start Date:	June, 2011	
*Reporting Period:	Annual 2011	(JUNE - DECEMBER)

-	Louido A	Actual	Over (Under)	Projected	Participants	(Column G-Column D)		:	(5)									
т	Action	Cumulativo	Penetration	Level	%	(G/C X 100)		:	%00.0									
U	Anthrol	Cumulative	Number of	Program	Participants	(Actual Participants	Plan-To-Date)	:	-									
Ŀ	Actual	Annual	Number of	Program	Participants	(Actual Participants)		:	-									
ш	Droioctod	Cumulative	Penetration	Level	%	(D/C X 100)		%00.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	
Q	Droioctod	Cumulative	Number of	Program	Participants	(From Cons. Plan)		9	9	9	9	9	0	0	0	0	0	
υ		Total	Number of	Eligible	Customers	(From Cons. Plan)		373,219	375,619	379,827	386,661	395,196	403,345	411,774	420,057	428,339	436,473	
B			Total	Number of	Customers	(From Cons. Plan)		374,936	377,336	381,544	388,378	396,913	405,062	413,491	421,774	430,056	438,190	
۷					Year			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Annual Domond and Economy Condinant	fool of C				
Allinal Deritation and Ertergy Savirigs		rei IIIstaliauoi	<u>riodra</u>	Program rotal	
	@ Meter	@ Generator	@ Meter	@ Generator	
Winter kW Reduction	1.50	1.97	1.50	1.97	
Summer kW Reduction	3.00	3.94	3.00	3.94	
Annual kWh Reduction	6,388	6,963	6,388	6,963	
		Annual			

Utility Cost per Installation:	\$398,945
Total Program Cost of the Utility (\$000):	\$399
Net Benefits of Measures Installed During Reporting Period:	N/A

Guffs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114.PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Guffs customers beginning in June 2011. Therefore, results for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Guffs 2010 DSM Plan). Page 72 summaries total results. *Note:

GULF POWER COMPANY 2011 DSM Progress Report Savings at the Meter 2010 DSM PLAN (June - December 2011)

<pre>c Cumulative auxDi /pre>	1,27 0,000000	0.07 0.26 0.34
Currulative C. SumINW C. 238 0.008 0.009 0.001 0.001 0.001 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000000	000 000 000 000 000 000 000 000 000 00	0.01 0 0.02 0 0.12 0 0.13 0 0.13 0
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G 1138 1138 1138 1138 1138 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	1,22 0,000000	0.07 0.26 0.34 0.01 0.01
F Total 2.39 2.39 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.01 0.12 0.00 0.13
Frank Frank 2.33 2.34 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.30 2.35 2.55 2.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.01 0.06 0.07 0.07
C D Unit Per Unit D.MM RMD 0.065 RMD 0.005 RMD 0.005 7360 0.01 1.53 0.535 7360 0.032 1.577 7.1325 7.1326 0.032 1.567 0.332 1.567 0.332 1.567 0.332 1.567 0.332 1.576 0.332 1.576 0.33465 0.332 0.3466 0.332 0.3466 0.332 0.3466 0.332 0.346 0.332 0.346 0.332 0.346 0.	3 921 652 655 655 655 1 1 1 1 4 380 800 800 800 800 1,160 1,160 1,160 1,160 1,160 1,160 800 1,160 800 1,1797 1,179	1.906 6.388 6.388 6.388 2. associated pr
Pre C C C C C C C C C C C C C C C C C C C	0.32 1.30 3.821 0.27 0.15 652 0.20 0.15 652 0.00 0.15 652 0.00 0.16 652 0.00 0.00 11.245 0.00 0.00 11.245 0.00 0.00 1.345 0.00 0.00 1.365 0.00 0.00 1.365 0.00 0.00 1.305 0.00 0.01 1.305 0.01 0.01 1.865 0.02 0.02 1.160 0.03 0.04 1.895 0.04 0.01 1.855 0.03 0.04 1.160 0.04 0.01 1.856 0.05 0.20 1.176 0.06 0.20 1.176 0.06 0.20 1.176 0.06 0.20 1.166 0.07 0.20 0.20 0.06 0.20 1.176 <td>0.25 3.00 3.00 rograms edin April 2011 ar</td>	0.25 3.00 3.00 rograms edin April 2011 ar
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7 A 9 1,0 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,	323 85 85 85 85 86 86 86 86 86 86 86 86 85 85 85 85 85 85 85 85 85 85 85 85 85	35 41 1 1 1 7 6 Program usa
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	nulative 3.18 0.13 0.29 0.39 0.39 0.00	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(1.52) 1.28 0.03 0.00 0.01 7.51 7.51	
;	H Cumulative C 3.18 0.26 0.26 0.00 0.07 0.07 0.07 0.07 0.00 0.00	0.00 0.00 0.01 0.00 0.00 0.00 0.00 0.00	(1.93) 1.43 1.43 0.02 0.00 0.00 0.01 0.01 0.01 7.76	20000000000000000000000000000000000000
	G 151 13.01 1.51 1.51 1.12 0.00 0.00 0.05	0.10 0.26 0.25 0.05 0.05 0.05 0.05 0.05 0.05 0.05	(0.55) 0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.000000
1	F Sum.mW 3.18 0.13 0.13 0.29 0.29 0.00	0.03 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05	(1.52) 1.28 0.03 0.00 0.00 0.01 7.51 7.51	0000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000
	E Total 3.18 0.26 0.37 0.37 0.37 0.37 0.02 0.02	0.03 0.05 0.15 0.41 0.03 0.31 2.06	(1.93) 1.43 0.02 0.00 0.00 0.02 0.01 0.01 7.76	0000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000
er 2011) 	D Fer Unit 802 802 1,424 6,381 6,381 7,774 1,708	062 053 2061 1.42 0.84 3767 0.28 0.42 1,506 0.18 0.35 1,209 0.49 0.13 1,469 0.66 0.26 1,458 0.00 0.26 859 0.00 0.26 1,122 1,51 1,51 1,2718	2.2.27 831 1.29 606 0.05 295 0.01 89 0.04 215 0.04 50 0.11 804 0.11 804 0.11 804 0.11 804 0.11 804 0.11 Residential	4,274 7,1174 7,1174 44,955 44,955 3 3 558 3 3 558 177 1,284 1778 1778 1778 1778 1778 1778 1778 17
)ecemb	C Per Unit 0.08 0.07 0.07 1.63 1.75 2.06 0.42	0.53 0.42 0.43 0.43 0.43 0.42 0.42 0.45 0.26	2.27 1.29 0.05 0.01 0.04 0.04 0.04 0.04 0.01 al Applicab	0.42 1.71 4.274 0.042 1.71 4.274 0.055 0.03 7.11 0.055 0.03 7.13 0.00 0.00 1.30 4.174 0.131 0.00 0.00 4.174 0.131 0.131 0.174 4.774 0.131 0.131 1.31 4.774 0.131 0.201 0.00 1.33 0.131 0.201 0.00 1.33 0.000 0.00 0.00 1.33 0.000 0.00 0.00 1.33 0.017 0.01 0.01 1.33 0.018 0.01 0.01 1.33 0.025 0.203 0.203 1.31 0.138 0.35 1.36 1.32 0.138 0.35 0.35 1.32 0.138 0.35 0.33 1.32 0.138 0.35 0.35 1.32 0.138 0.35 0.3
June - D	B Per Unit 0.08 0.14 0.34 1.52 1.54 2.19 0.56	0.62 1.42 0.18 0.49 0.06 0.00 0.00 0.00	2.89 1.44 0.04 0.01 0.01 0.00 0.00 0.11 I Residenti	0.42 1.71 0.00 0.20 15.50 0.20 0.00 0.00 0.00 0.00 1.31 1.31 1.31 1.31 1.31 1.31 1.31 0.25 0.06 0.00 0.01 0.01 0.01 0.01 0.26 0.26 0.26 0.26 0.26 0.26 0.02 0.03 0.03 0.33 1.31 1.31 18.11 18.11 18.11 18.11 18.11 0.25 0.25 0.25 0.25 0.03 0.33 0.33 0.33 1.97 0.33 0.33 0.33 1.97 3.34 Total Solar Programs
I PLAN (A Total P4 <u>Units</u> W 39,755 39,755 1,75 225 20 30 30	50 45 304 471 471 471 53 334 471 533	(667) 992 502 502 36 36 417 3,200 815 815 10,029	22, 180 85, 856 85, 856 85, 856 85, 856 85, 856 85, 856 85, 856 86, 86
2010 DSM PLAN (June - December 2011	Monatures Home Energy Reporting Residential Community Energy Saver Landord/Renter Customer Incentive Program Residential HVAC Early Retrement Ter 1 Residential HVAC Early Retrement Ter 2 Residential HVAC Early Retrement Ter 3 Residential HVAC Errickensy Upgrade Ter 1	Residential IVAC Efficiency Upgrade Tier 2 Residential Duck Repair Residential Duck Repair Residential Duck Fan Residential Cuting Insulation Residential Cuting Insulation Residential Window Replacement Residential Repeacement Residential Represention Valiable SpeedFlow Pool Pump Valiable SpeedFlow Pool Pump	Energy Select Energy Select Life Residential Energy Star Recigerator Residential Energy Star Recar Residential Energy Star Clothes Washer Residential Retrigerator Recycling Residential Retrigerator Recycling Residential Energy Audit	Metatures Commercial HVAC Retrocommissioning Commercial HVAC Retrocommissioning Commercial HVAC Retrocommissioning Commercial HVAC Program Commercial HVAC Program Commercial Internot Lighting Commercial Internot Lighting Commercial Internot Lighting Commercial Reflective Roy Commercial Reflective Roy Roy Commercial Reflective Roy Commercial Reflective Roy Roy Roy Roy Roy Roy Roy Roy Roy Roy
	Residential Proxiams Residential Energy Audit and Education Community Energy Saver Landioord/Renter Custon Incentive HVAC Efficiency Improvement HVAC Efficiency Improvement HVAC Efficiency Improvement HVAC Efficiency Improvement	HVAC Efficiency Improvement HVAC Efficiency Improvement HVAC Efficiency Improvement HVAC Efficiency Improvement HVAC Efficiency Improvement HAT Punt Parlor High Performance Window High Performance Window High Performance Window Valable Speediffor Pool Pump Variable Speediffor Pool Pump	Energy Select Energy Select Berlingsal Energy Efficiency Self-instal Energy Efficiency Self-instal Energy Efficiency Self-instal Energy Efficiency Self-instal Energy Efficiency Refigurator Recycling Residential Energy Audit and Education	Commercial and Industrial Programs Commercial Building Efficiency Commercial Building Efficiency Food Service

under the 2005 May (snuary

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Gut's 2010 DBM Pain was approved in February 2011, Contr No. PSC-11-0114.PAA-EG. Program standards were approved in April 2011 and the associated programs were made DSM Pain) are shown on pages 1-13 and results for Juno-Doomiber are shown on pages 14-71 (under Gut's 2010 DSM Pain). Prage 72 summarkes trub results

Column A: Column B: Column B: Column E: Column F: Column H: Column H: Column L:

Comparison of Achieved kW and kWh Reductions With Public Service Commission Established Goals at the Generator 2010 DSM PLAN (June - December 2011)

Utility: GULF POWER COMPANY

Reduction	% Variance	-100%	-25%										Reduction	%	Variance	1000	N/001-	43%										tion	% Variance
gWh Energy Reduction	Com. Appr. Goal	35.0	37.6	40.6	43.8	46.8	50.2	53.6	55.4	56.2	26.7		aWh Eneray Reduction	Com. Appr.	Goal	6	4 0	2.0	7.7	ה ת	10.8	11.7	12.3	12.7	12.5	11.9		gWh Energy Reduction	Com. Appr. Goal
	Total <u>Achieved</u>	:	28.05											Total	Achieved			8.UZ										dWb	Total
duction	% Variance	-100%	-10%										g	%	Variance	10001	2001	11%										duction	% Variance
Summer Peak mW Reduction	Com. Appr. Goal	7.5	8.3	9.4	10.5	11.7	12.8	14.0	14./	14.9	L.CL	Commarcial/Industrial	Summer Peak mW Reduction	Com. Appr.	Goal	¢ +	! ;	0.1	- N N	† V (7.7	2.9	3.0	3.2	3.1	3.1	uding Solar)	Summer Peak mW Reduction	Com. Appr. Goal
Summer	Total <u>Achieved</u>	:	7.51									Commer	Summer	Total	Achieved			777L									Total Company (including Solar)	Summer	Total
fuction	% Variance	-100%	19%										luction	%	<u>Variance</u>	10002	2000	94.701									Total	luction	% Variance
Winter Peak mW Reduction	Com. Appr. <u>Goal</u>	5.9	6.5	7.4	8.5	9.5	10.9	12.1	1.21	13.3	13.1		Winter Peak mW Reduction	Com. Appr.	Goal	50		0.0	8.0	0.0	0.1	0.L	1.2	1.1	1.1	. .		Winter Peak mW Reduction	Com. Appr. Goal
Winter	Total Achieved	:	7.76										Winter	Total	Achieved			17.1										Winter	Total Achieved
		2010	2011	2012	2013	2014	2015	2016	1102	2018	5013					0100		1102	2102	102	4102	CLU2	2016	2017	2018	2019			

Gulf's 2010 DSM Plan was approved in February 2011. Order No. PSC-11-0114-PAA-EG. Program standards were approved in April 2011 and the associated programs were made available to Gulf's customers beginning in June 2011. Therefore, results for January. May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulf's 2010 DSM Plan). Page 72 summaries total results.

Note:

SACE 1st Response to Staff 014301

-100% -16%

> ... 36.44

-100% -5%

> ... 9.45

-100% 28%

> ... 9.06

38.2 43.2 48.3 53.3 57.6 61.9 68.1 68.1 68.1 68.1

8.7 9.9 9.9 11.5 11.5 17.0 17.0 18.0 18.0

6.4 7.1 9.4 9.4 11.9 13.3 13.3 13.8 13.8 13.8 13.8 13.8

2010 2011 2013 2015 2015 2015 2015 2015 2019 Page 71

Comparison of Achieved kW and kWh Reductions With Public Service Commission Established Goals at the Generator TOTAL 2011 (2005 DSM Plan and 2010 DSM Plan)

Utility: GULF POWER COMPANY

Reduction	% Variance	-100% -22%	Reduction	% Variance	-38% 86%
aWh Energy Reduction	Com. Appr. Goal	35.0 37.0 37.5 39.2 39.2 39.2 39.5 39.5 39.5 39.5 39.5 39.5 39.5 39.5	gWh Energy Reduction	Com. Appr. <u>Goal</u>	3.2 5.6 7.7
	Total Achieved	(0.07) 29.39		Total <u>Achieved</u>	1.97 10.43
duction	% <u>Variance</u>	-10%	duction	% <u>Variance</u>	394% 212%
Residential Summer Peak mW Reduction	Com. Appr. <u>Goal</u>	7,5 8,3 9,4 11,7 11,7 14,0 14,4 15,1 15,1	Commercial/Industrial Summer Peak mV Reduction	Com. Appr. Goal	2.1.6
Res	Total <u>Achieved</u>	(0.64) 7.08	Commerc	Total <u>Achieved</u>	5.93 4.99
duction	% <u>Variance</u>	-117% 8%	duction	% <u>Variance</u>	524% 358%
Winter Peak mW Reduction	Com. Appr. <u>Goal</u>	9.9 9.7 9.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	Winter Peak mW Reduction	Com. Appr. <u>Goal</u>	0.5 0.6 0.8
Winter F	Total Achieved	(1.00) 7.04	Winter F	Total (<u>Achieved</u>	3.12 2.75
		2010 2011 2013 2015 2015 2015 2015 2015 2019			2010 2011 2012

	Winter	Winter Peak mW Reduction	duction	Summe	Summer Peak mW Reduction	eduction	ЧМр	qWh Energy Reduction	ction
	Total Achieved	Com. Appr. <u>Goal</u>	% Variance	Total <u>Achieved</u>	Com. Appr. Goal	% Variance	Total Achieved	Com. Appr. Goal	Variance
2010	2.12	6.4	-67%	5.29	8.7	-39%	1.90	38.2	-95
2011	9.88	7.1	39%	12.24	9.9	24%	38.72	43.2	-10%
2012		8.2			11.5			48.3	
2013		9.4			12.9			53.3	
2014		10.5			14.4			57.6	
2015		11.9			15.7			61.9	
2016		13.3			17.0			65.9	
2017		13.8			17.9			68.1	
2018		14.4			18.0			68.7	
2019		14.8			18.2			68.6	

This page totals page 13 and page 71.

Note: Note:

Gulfs 2010 DSM Plan was approved in February 2011, Order No. PSC-11-0114-PA-FG. Program standards were approved in April 2011 and the associated programs were made available to Gulfs customers beginning in June 2011. Therefore, recults for January - May (under the 2005 DSM Plan) are shown on pages 1-13 and results for June-December are shown on pages 14-71 (under Gulfs 2010 DSM Plan). Page 72 summaries total results.