

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Energy Audit and Education
Measure Name: Residential Energy Audit
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G - Column D)</small>
2015	392,015	390,238	8,400	2.15%	2,301	2,301	0.59%	(6,099)
2016	397,625	395,848	16,800	4.24%	6,696	8,997	2.27%	(7,803)
2017	404,186	402,409	25,200	6.26%	12,314	21,311	5.30%	(3,889)
2018	410,463	408,686	33,600	8.22%				
2019	416,121	414,344	42,000	10.14%				
2020	421,420	419,643	50,400	12.01%				
2021	429,938	428,161	58,800	13.86%				
2022	433,642	431,865	67,200	15.70%				
2023	436,925	435,148	84,000	19.30%				
2024								

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	-----	-----	-----	-----
Summer kW Reduction	-----	-----	-----	-----
Annual kWh Reduction	-----	-----	-----	-----

Utility Cost per Installation: Annual \$175
Total Program Cost of the Utility (\$000): \$2,149
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.

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Community Energy Saver
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	374,936	130,627	2,500	1.91%	979	979	0.75%	(1,521)
2016	377,336	131,467	5,000	3.80%	2,500	3,479	2.65%	(1,521)
2017	381,544	132,939	7,500	5.64%	2,500	5,979	4.50%	(1,521)
2018	388,378	135,331	10,000	7.39%				
2019	396,913	138,319	12,500	9.04%				
2020	405,062	141,171	15,000	10.63%				
2021	416,491	144,121	17,500	12.14%				
2022	421,774	147,020	20,000	13.60%				
2023	430,056	149,919	22,500	15.01%				
2024	438,190	152,766	25,000	16.36%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	0.11	0.14	275	350
Summer kW Reduction	0.05	0.06	125	150
Annual kWh Reduction	769	810	1,922,500	2,025,000

	<u>Annual</u>
Utility Cost per Installation:	\$296
Total Program Cost of the Utility (\$000):	\$741
Net Benefits of Measures Installed During Reporting Period:	(\$207,821)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Custom Incentive
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	0	0.00%	0	0	0.00%	0
2016	397,625	395,848	0	0.00%	0	0	0.00%	0
2017	404,186	402,409	0	0.00%	0	0	0.00%	0
2018	410,463	408,686	0	0.00%				
2019	416,121	414,344	0	0.00%				
2020	421,420	419,643	0	0.00%				
2021	425,977	424,200	0	0.00%				
2022	429,938	428,161	0	0.00%				
2023	433,642	431,865	0	0.00%				
2024	436,925	435,148	0	0.00%				

	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	----	----	0	0
Summer kW Reduction	----	----	0	0
Annual kWh Reduction	----	----	0	0

	<u>Annual</u>
Utility Cost per Installation:	N/A
Total Program Cost of the Utility (\$000):	\$64
Net Benefits of Measures Installed During Reporting Period:	N/A

No incentives paid

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Custom Incentive
Program Start Date: September, 2015
Reporting Period: Annual 2017

	<u>Meter</u>			<u>Generator</u>		
	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017						
2018						
2019						
Cumulative	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

<u>Projects - 2015</u>	<u>Meter</u>			<u>Generator</u>		
	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>
Total	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential HVAC Efficiency Improvement Program
Measure Name: Residential HVAC Maintenance
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	800	0.21%	1,003	1,003	0.26%	203
2016	397,625	395,848	2,000	0.51%	3,742	4,745	1.20%	2,745
2017	404,186	402,409	4,000	0.99%	1,278	6,023	1.50%	2,023
2018	410,463	408,686	7,200	1.76%				
2019	416,121	414,344	10,600	2.56%				
2020	421,420	419,643	14,400	3.43%				
2021	425,977	424,200	18,600	4.38%				
2022	429,938	428,161	23,200	5.42%				
2023	433,642	431,865	28,050	6.50%				
2024	436,925	435,148	33,050	7.60%				

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.07	0.08	89	102
Summer kW Reduction	0.24	0.29	307	371
Annual kWh Reduction	607	639	775,746	816,642

Annual
 Utility Cost per Installation: \$476
 Total Program Cost of the Utility (\$000): \$608
 Net Benefits of Measures Installed During Reporting Period: (\$75,021)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential HVAC Efficiency Improvement Program
Measure Name: Residential HVAC Quality Installation
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	2,000	0.51%	0	0	0.00%	(2,000)
2016	397,625	395,848	4,000	1.01%	567	567	0.14%	(3,433)
2017	404,186	402,409	6,000	1.49%	708	1,275	0.32%	(4,725)
2018	410,463	408,686	8,500	2.08%				
2019	416,121	414,344	12,000	2.90%				
2020	421,420	419,643	16,500	3.93%				
2021	425,977	424,200	21,500	5.07%				
2022	429,938	428,161	26,500	6.19%				
2023	433,642	431,865	31,500	7.29%				
2024	436,925	435,148	36,500	8.39%				

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.08	0.10	57	71
Summer kW Reduction	0.18	0.22	127	156
Annual kWh Reduction	451	475	319,308	336,300

Annual
 Utility Cost per Installation: \$123
 Total Program Cost of the Utility (\$000): \$87
 Net Benefits of Measures Installed During Reporting Period: (\$16,970)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential HVAC Efficiency Improvement Program
Measure Name: Residential Duct Repair
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	500	0.13%	0	0	0.00%	(500)
2016	397,625	395,848	1,000	0.25%	1,471	1,471	0.37%	471
2017	404,186	402,409	1,500	0.37%	478	1,949	0.48%	449
2018	410,463	408,686	2,000	0.49%				
2019	416,121	414,344	3,500	0.84%				
2020	421,420	419,643	5,500	1.31%				
2021	425,977	424,200	8,000	1.89%				
2022	429,938	428,161	11,000	2.57%				
2023	433,642	431,865	14,500	3.36%				
2024	436,925	435,148	18,500	4.25%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	1.11	1.37	531	655
Summer kW Reduction	0.15	0.18	72	86
Annual kWh Reduction	303	319	144,834	152,482

	<u>Annual</u>
Utility Cost per Installation:	\$593
Total Program Cost of the Utility (\$000):	\$283
Net Benefits of Measures Installed During Reporting Period:	(\$26,474)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Building Efficiency Program
Measure Name: Residential High Performance Window
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	250	0.06%	251	251	0.06%	1
2016	397,625	395,848	600	0.15%	266	517	0.13%	(83)
2017	404,186	402,409	1,050	0.26%	295	812	0.20%	(238)
2018	410,463	408,686	1,550	0.38%				
2019	416,121	414,344	2,150	0.52%				
2020	421,420	419,643	2,850	0.68%				
2021	425,977	424,200	3,650	0.86%				
2022	429,938	428,161	4,650	1.09%				
2023	433,642	431,865	5,850	1.35%				
2024	436,925	435,148	7,250	1.67%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	0.24	0.30	71	89
Summer kW Reduction	0.21	0.26	62	77
Annual kWh Reduction	391	412	115,345	121,540

	<u>Annual</u>
Utility Cost per Installation:	\$599
Total Program Cost of the Utility (\$000):	\$177
Net Benefits of Measures Installed During Reporting Period:	(\$16,208)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Building Efficiency Program
Measure Name: Residential Reflective Roof
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	100	0.03%	60	60	0.02%	(40)
2016	397,625	395,848	250	0.06%	310	370	0.09%	120
2017	404,186	402,409	450	0.11%	206	576	0.14%	126
2018	410,463	408,686	700	0.17%				
2019	416,121	414,344	1,000	0.24%				
2020	421,420	419,643	1,350	0.32%				
2021	425,977	424,200	1,750	0.41%				
2022	429,938	428,161	2,250	0.53%				
2023	433,642	431,865	2,850	0.66%				
2024	436,925	435,148	3,550	0.82%				

	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Annual Demand and Energy Savings				
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.41	0.50	84	103
Annual kWh Reduction	1,029	1,084	211,974	223,304

Utility Cost per Installation: Annual \$1,177
 Total Program Cost of the Utility (\$000): \$242
 Net Benefits of Measures Installed During Reporting Period: (\$26,705)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Residential Building Efficiency Program
Measure Name: Residential Energy Star Window A/C
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	200	0.05%	84	84	0.02%	(116)
2016	397,625	395,848	400	0.10%	20	104	0.03%	(296)
2017	404,186	402,409	600	0.15%	9	113	0.03%	(487)
2018	410,463	408,686	800	0.20%				
2019	416,121	414,344	1,000	0.24%				
2020	421,420	419,643	1,200	0.29%				
2021	425,977	424,200	1,400	0.33%				
2022	429,938	428,161	1,600	0.37%				
2023	433,642	431,865	1,800	0.42%				
2024	436,925	435,148	2,000	0.46%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	0.00	0.00	0.00	0.00
Summer kW Reduction	0.04	0.05	0.36	0.45
Annual kWh Reduction	82	86	738	774

Utility Cost per Installation: \$111
Total Program Cost of the Utility (\$000): \$1
Net Benefits of Measures Installed During Reporting Period: (\$93)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Energy Select (formerly GoodCents Select)
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	392,015	390,238	1,600	0.41%	472	472	0.12%	(1,128)
2016	397,625	395,848	3,200	0.81%	1,473	1,945	0.49%	(1,255)
2017	404,186	402,409	4,800	1.19%	1,439	3,384	0.84%	(1,416)
2018	410,463	408,686	6,400	1.57%				
2019	416,121	414,344	8,000	1.93%				
2020	421,420	419,643	9,750	2.32%				
2021	425,977	424,200	11,650	2.75%				
2022	429,938	428,161	13,700	3.20%				
2023	433,642	431,865	15,900	3.68%				
2024	436,925	435,148	18,250	4.19%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	1.07	1.32	1,540	1,899
Summer kW Reduction	1.80	2.22	2,590	3,195
Annual kWh Reduction	735	774	1,057,665	1,113,786

Utility Cost per Installation: \$1,014
New participant Program Cost of the Utility (\$000): \$1,460
Net Benefits of Measures Installed During Reporting Period: (\$43,495)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial/Industrial Energy Audit
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	55,525	47,673	500	1.05%	125	125	0.26%	(375)
2016	55,992	48,140	1,000	2.08%	342	467	0.97%	(533)
2017	56,539	48,687	1,500	3.08%	222	689	1.42%	(811)
2018	57,062	49,210	2,000	4.06%				
2019	57,534	49,682	2,500	5.03%				
2020	57,975	50,123	3,000	5.99%				
2021	58,355	50,203	3,500	6.97%				
2022	58,683	50,831	4,000	7.87%				
2023	58,992	51,140	4,500	8.80%				
2024	59,264	51,412	5,000	9.73%				

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	-----	-----	-----	-----
Summer kW Reduction	-----	-----	-----	-----
Annual kWh Reduction	-----	-----	-----	-----

Utility Cost per Installation: \$3,070
Total Program Cost of the Utility (\$000): \$682
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.

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial HVAC Retrocommissioning
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	55,525	47,673	250	0.52%	6	6	0.01%	(244)
2016	55,992	48,140	500	1.04%	41	47	0.10%	(453)
2017	56,539	48,687	750	1.54%	214	261	0.54%	(489)
2018	57,062	49,210	1,000	2.03%				
2019	57,534	49,682	1,250	2.52%				
2020	57,975	50,123	1,500	2.99%				
2021	58,355	50,203	1,775	3.54%				
2022	58,683	50,831	2,100	4.13%				
2023	58,992	51,140	2,450	4.79%				
2024	59,264	51,412	2,825	5.49%				

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.30	0.37	64	79
Annual kWh Reduction	965	1,016	206,510	217,424

Annual

Utility Cost per Installation: \$574
Total Program Cost of the Utility (\$000): \$123
Net Benefits of Measures Installed During Reporting Period: (\$16,510)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial Building Efficiency Program
Measure Name: Commercial Geothermal Heat Pump Program
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers (From Cons. Plan)	Total Number of Eligible Customers (From Cons. Plan)	Projected Cumulative Number of Program Participants* (From Cons. Plan)	Projected Cumulative Penetration Level % (D/C X 100)	Actual Annual Number of Program Participants* (Actual Participants)	Actual Cumulative Number of Program Participants* (Actual Participants Plan-To-Date)	Actual Cumulative Penetration Level % (G/C X 100)	Actual Participation Over (Under) Projected Participants* (Column G-Column D)
2015	55,525	47,673	120	N/A	37	37	0.08%	(83)
2016	55,992	48,140	245	N/A	50	87	0.18%	(158)
2017	56,539	48,687	375	N/A	0	87	0.18%	(288)
2018	57,062	49,210	515	N/A				
2019	57,534	49,682	665	N/A				
2020	57,975	50,123	865	N/A				
2021	58,355	50,203	1,075	N/A				
2022	58,683	50,831	1,300	N/A				
2023	58,992	51,140	1,530	N/A				
2024	59,264	51,412	1,765	N/A				

*Tons of Geothermal HVAC installed

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.27	0.33	0	0
Summer kW Reduction	0.29	0.36	0	0
Annual kWh Reduction	685	721	0	0

	<u>Annual</u>
Utility Cost per Installation:	N/A
Total Program Cost of the Utility (\$000):	\$40
Net Benefits of Measures Installed During Reporting Period:	N/A

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial Building Efficiency Program
Measure Name: Commercial Ceiling/Roof Insulation Program
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers (From Cons. Plan)	Total Number of Eligible Customers (From Cons. Plan)	Projected Cumulative Number of Program Participants* (From Cons. Plan)	Projected Cumulative Penetration Level % (D/C X 100)	Actual Annual Number of Program Participants* (Actual Participants)	Actual Cumulative Number of Program Participants* (Actual Participants Plan-To-Date)	Actual Cumulative Penetration Level % (G/C X 100)	Actual Participation Over (Under) Projected Participants* (Column G-Column D)
2015	55,525	47,673	225,000	N/A	20,555	20,555	43.12%	(204,445)
2016	55,992	48,140	475,000	N/A	20,806	41,361	85.92%	(433,639)
2017	56,539	48,687	750,000	N/A	19,744	61,105	125.51%	(688,895)
2018	57,062	49,210	1,050,000	N/A				
2019	57,534	49,682	1,450,000	N/A				
2020	57,975	50,123	1,850,000	N/A				
2021	58,355	50,203	2,300,000	N/A				
2022	58,683	50,831	2,800,000	N/A				
2023	58,992	51,140	3,350,000	N/A				
2024	59,264	51,412	3,950,000	N/A				

*Square feet of insulation installed

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.00012	0.00015	2	3
Summer kW Reduction	0.00046	0.00057	9	11
Annual kWh Reduction	0.748	0.80	14,769	15,795

Annual
 Utility Cost per Installation: \$2
 Total Program Cost of the Utility (\$000): \$38
 Net Benefits of Measures Installed During Reporting Period: (\$3,289)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial Building Efficiency Program
Measure Name: Commercial Reflective Roof
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants* <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants* <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants* <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants* <small>(Column G-Column D)</small>
2015	55,525	47,673	800,000	N/A	59,300	59,300	124.39%	(740,700)
2016	55,992	48,140	1,600,000	N/A	269,196	328,496	682.38%	(1,271,504)
2017	56,539	48,687	2,400,000	N/A	33,202	361,698	742.90%	(2,038,302)
2018	57,062	49,210	3,200,000	N/A				
2019	57,534	49,682	4,000,000	N/A				
2020	57,975	50,123	4,850,000	N/A				
2021	58,355	50,203	5,750,000	N/A				
2022	58,683	50,831	6,700,000	N/A				
2023	58,992	51,140	7,700,000	N/A				
2024	59,264	51,412	8,750,000	N/A				

*Square feet of reflective roof installed

Annual Demand and Energy Savings	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.00067	0.0008	22	27
Annual kWh Reduction	1.72	1.81	57,107	60,096

	<u>Annual</u>
Utility Cost per Installation:	\$9
Total Program Cost of the Utility (\$000):	\$312
Net Benefits of Measures Installed During Reporting Period:	(\$28,004)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial/Industrial Custom Incentive
Program Start Date: September, 2015
Reporting Period: Annual 2017

A	B	C	D	E	F	G	H	I
Year	Total Number of Customers <small>(From Cons. Plan)</small>	Total Number of Eligible Customers <small>(From Cons. Plan)</small>	Projected Cumulative Number of Program Participants <small>(From Cons. Plan)</small>	Projected Cumulative Penetration Level % <small>(D/C X 100)</small>	Actual Annual Number of Program Participants <small>(Actual Participants)</small>	Actual Cumulative Number of Program Participants <small>(Actual Participants Plan-To-Date)</small>	Actual Cumulative Penetration Level % <small>(G/C X 100)</small>	Actual Participation Over (Under) Projected Participants <small>(Column G-Column D)</small>
2015	55,525	47,673	...	0.00%	0	0	0.00%	0
2016	55,992	48,140	...	0.00%	0	0	0.00%	0
2017	56,539	48,687	...	0.00%	1	1	0.00%	1
2018	57,062	49,210	...	0.00%				
2019	57,534	49,682	...	0.00%				
2020	57,975	50,123	...	0.00%				
2021	58,355	50,203	...	0.00%				
2022	58,683	50,831	...	0.00%				
2023	58,992	51,140	...	0.00%				
2024	59,264	51,412	...	0.00%				

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	-----	-----	600	788
Summer kW Reduction	-----	-----	600	788
Annual kWh Reduction	-----	-----	1,700,000	1,853,000

	<u>Annual</u>
Utility Cost per Installation:	\$61,747
Total Program Cost of the Utility (\$000):	\$62
Net Benefits of Measures Installed During Reporting Period:	(\$45,174)

DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

Utility: Gulf Power Company
Program Name: Commercial/Industrial Custom Incentive
Program Start Date: September, 2015
Reporting Period: Annual 2017

	<u>Meter</u>			<u>Generator</u>		
	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	600	600	1,700,000	788	788	1,853,000
2018						
2019						
Cumulative	<u>600</u>	<u>600</u>	<u>1,700,000</u>	<u>788</u>	<u>788</u>	<u>1,853,000</u>

<u>Projects</u>	<u>Meter</u>			<u>Generator</u>		
	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Winter kW</u>	<u>Energy kWh</u>
	600	600	1,700,000	788	788	1,853,000
Total	<u>600</u>	<u>600</u>	<u>1,700,000</u>	<u>788</u>	<u>788</u>	<u>1,853,000</u>

GULF POWER COMPANY
2017 DSM Progress Report
Savings at the Meter
2015 DSM PLAN

	A	B	C	D	E	F	G	H	I	J
	Total	Per Unit	Per Unit	Per Unit	Total	Total	Total	Cumulative	Cumulative	Cumulative
	Units	Win. kW	Sum. kW	kWh	Win. MW	Sum. MW	GWh	Win. MW	Sum. MW	GWh
Residential Programs										
Community Energy Saver	2,500	0.11	0.05	769	0.28	0.13	1.92	0.67	0.31	4.59
Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
HVAC Efficiency Improvement	1,278	0.07	0.24	607	0.09	0.31	0.78	0.42	1.45	3.66
HVAC Efficiency Improvement	708	0.08	0.18	451	0.06	0.13	0.32	0.11	0.23	0.58
HVAC Efficiency Improvement	478	1.11	0.15	303	0.53	0.07	0.14	2.16	0.29	0.59
Building Efficiency	295	0.24	0.21	391	0.07	0.06	0.12	0.19	0.17	0.32
Building Efficiency	206	0.00	0.41	1,029	0.00	0.08	0.21	0.00	0.23	0.59
Energy Select	1,439	1.07	1.80	735	1.54	2.59	1.06	3.63	6.09	2.49
Building Efficiency	9	0.00	0.04	82	0.00	0.00	0.00	0.00	0.00	0.01
			Total Residential Applicable To Goal		2.57	3.37	4.55	7.18	8.77	12.83
Residential Energy Audit and Education	12,314	-----	-----	-----	-----	-----	-----	-----	-----	-----
			Total Residential		2.57	3.37	4.55	7.18	8.77	12.83
Commercial and Industrial Programs										
Commercial HVAC Retrocommissioning	214	0.00	0.30	965	0.00	0.06	0.21	0.00	0.07	0.26
Commercial Building Efficiency	0	0.27	0.29	685	0.00	0.00	0.00	0.02	0.02	0.06
Commercial Building Efficiency	19,744	0.00	0.00	1	0.00	0.01	0.01	0.00	0.03	0.05
Commercial Building Efficiency	33,202	0.00	0.00	2	0.00	0.02	0.06	0.00	0.24	0.62
Commercial/Industrial Custom Incentive	1	-----	-----	-----	0.60	0.60	1.70	0.60	0.60	1.70
			Total Commercial/Industrial Applicable to Goal		0.60	0.69	1.98	0.62	0.96	2.69
Commercial/Industrial Energy Analysis	222	-----	-----	-----	-----	-----	-----	-----	-----	-----
			Total Commercial/Industrial		0.60	0.69	1.98	0.62	0.96	2.69

Column A: Actual achieved for the reporting year.
Column B: As filed in the Conservation Plan Filing
Column C: 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 A) X (Column D)
Column H: Annual Results plus any/all previous Annual Results for this conservation plan.
Column I: Annual Results plus any/all previous Annual Results for this conservation plan.
Column J: Annual Results plus any/all previous Annual Results for this conservation plan.

GULF POWER COMPANY
2017 DSM Progress Report
Savings at the Generator
2015 DSM PLAN

		A	B	C	D	E	F	G	H	I	J
		Total	Per Unit	Per Unit	Per Unit	Total	Total	Total	Cumulative	Cumulative	Cumulative
	<u>Measures</u>	<u>Units</u>	<u>Win. kW</u>	<u>Sum. kW</u>	<u>kWh</u>	<u>Win. MW</u>	<u>Sum. MW</u>	<u>GWh</u>	<u>Win. MW</u>	<u>Sum. MW</u>	<u>GWh</u>
Residential Programs											
Community Energy Saver	Residential Community Energy Saver	2,500	0.14	0.06	810	0.35	0.15	2.03	0.84	0.36	4.85
Custom Incentive	Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
HVAC Efficiency Improvement	Residential HVAC Maintenance	1,278	0.08	0.29	639	0.10	0.37	0.82	0.48	1.75	3.85
HVAC Efficiency Improvement	Residential HVAC Quality Installation	708	0.10	0.22	475	0.07	0.16	0.34	0.13	0.28	0.61
HVAC Efficiency Improvement	Residential Duct Repair	478	1.37	0.18	319	0.65	0.09	0.15	2.67	0.35	0.62
Building Efficiency	Residential High Performance Window	295	0.30	0.26	412	0.09	0.08	0.12	0.25	0.22	0.33
Building Efficiency	Residential Reflective Roof	206	0.00	0.50	1,084	0.00	0.10	0.22	0.00	0.29	0.63
Energy Select	Energy Select	1,439	1.32	2.22	774	1.90	3.19	1.11	4.46	7.51	2.62
Building Efficiency	Residential Energy Star Window A/C	9	0.00	0.05	86	0.00	0.00	0.00	0.00	0.00	0.01
	Total Residential Applicable To Goal					3.16	4.14	4.79	8.83	10.76	13.52
Residential Energy Audit and Education	Residential Energy Audit	12,314	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Total Residential					3.16	4.14	4.79	8.83	10.76	13.52
Commercial and Industrial Programs											
Commercial HVAC Retrocommissioning	Commercial HVAC Retrocommissioning	214	0.00	0.37	1,016	0.00	0.08	0.22	0.00	0.10	0.27
Commercial Building Efficiency	Commercial Geothermal Heat Pump	0	0.33	0.36	721	0.00	0.00	0.00	0.03	0.03	0.07
Commercial Building Efficiency	Commercial Ceiling/Roof Insulation	19,744	0.00	0.00	1	0.00	0.01	0.02	0.00	0.03	0.06
Commercial Building Efficiency	Commercial Reflective Roof	33,202	0.00	0.00	2	0.00	0.03	0.06	0.00	0.30	0.66
Commercial/Industrial Custom Incentive	Commercial/Industrial Custom Incentive	1	-----	-----	-----	0.79	0.79	1.85	0.79	0.79	1.85
	Total Commercial/Industrial Applicable to Goal					0.79	0.91	2.15	0.82	1.25	2.91
Commercial/Industrial Energy Analysis	Commercial/Industrial Energy Audit	222	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Total Commercial/Industrial					0.79	0.91	2.15	0.82	1.25	2.91

Column A: Actual achieved for the reporting year.
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Column G: (Column A) X (Column D)
Column H: Annual Results plus any/all previous Annual Results for this conservation plan.
Column I: Annual Results plus any/all previous Annual Results for this conservation plan.
Column J: Annual Results plus any/all previous Annual Results for this conservation plan.

Comparison of Achieved kW and kWh Reductions
With Public Service Commission Established Goals
at the Generator
2015 DSM PLAN

Utility: GULF POWER COMPANY

	Residential								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	Total	Com. Appr.	%	Total	Com. Appr.	%	Total	Com. Appr.	%
	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>
2015	12.69	1.3	876%	12.97	2.3	464%	34.98	2.3	1421%
2016	4.75	1.8	164%	5.12	3.2	60%	6.75	3.2	111%
2017	3.16	2.3	37%	4.14	4.1	1%	4.79	4.2	14%
2018		2.9			5.0			5.1	
2019		3.4			5.9			6.0	
2020		3.8			6.7			6.8	
2021		4.3			7.5			7.6	
2022		4.6			8.1			8.3	
2023		5.0			8.8			8.9	
2024		5.3			9.3			9.5	

	Commercial/Industrial								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	Total	Com. Appr.	%	Total	Com. Appr.	%	Total	Com. Appr.	%
	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>
2015	4.24	0.1	4140%	6.38	0.3	2027%	13.77	0.8	1621%
2016	0.02	0.1	-80%	0.27	0.4	-33%	0.59	1.2	-51%
2017	0.79	0.1	690%	0.91	0.5	82%	2.15	1.5	43%
2018		0.2			0.6			1.8	
2019		0.2			0.7			2.2	
2020		0.2			0.8			2.5	
2021		0.2			0.9			2.7	
2022		0.3			0.9			3.0	
2023		0.3			1.0			3.2	
2024		0.3			1.1			3.4	

	Total Company (including Solar)								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	Total	Com. Appr.	%	Total	Com. Appr.	%	Total	Com. Appr.	%
	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>	<u>Achieved</u>	<u>Goal</u>	<u>Variance</u>
2015	17.04	1.4	1117%	19.57	2.6	653%	48.33	3.1	1459%
2016	4.77	1.9	151%	5.39	3.6	50%	7.34	4.4	67%
2017	3.95	2.4	65%	5.05	4.6	10%	6.94	5.7	22%
2018		3.1			5.6			6.9	
2019		3.6			6.6			8.2	
2020		4.0			7.5			9.3	
2021		4.5			8.4			10.3	
2022		4.9			9.0			11.3	
2023		5.3			9.8			12.1	
2024		5.6			10.4			12.9	