

## 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 2016

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%				
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	425,977	424,200	58,800	13.86%				
2022	429,938	428,161	67,200	15.70%				
2023	433,642	431,865	75,600	17.51%				
2024	436,925	435,148	84,000	19.30%				

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	-----	-----	-----	-----

	<u>Annual</u>
Utility Cost per Installation:	\$334
Total Program Cost of the Utility (\$000):	\$2,235
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 2016

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%				
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	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
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

**Utility Cost per Installation:** Annual \$297  
**Total Program Cost of the Utility (\$000):** \$742  
**Net Benefits of Measures Installed During Reporting Period:** (\$196,678)

## DSM PROGRAM PROGRESS REPORT (2015 DSM PLAN)

**Utility:** Gulf Power Company  
**Program Name:** Residential Custom Incentive  
**Program Start Date:** September, 2015  
**Reporting Period:** Annual 2016

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	0	0.00%	0	0	0.00%	0
2016	377,336	131,467	0	0.00%	0	0	0.00%	0
2017	381,544	132,939	0	0.00%				
2018	388,378	135,331	0	0.00%				
2019	396,913	138,319	0	0.00%				
2020	405,062	141,171	0	0.00%				
2021	416,491	144,121	0	0.00%				
2022	421,774	147,020	0	0.00%				
2023	430,056	149,919	0	0.00%				
2024	438,190	152,766	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):	\$58	
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:** Landlord/Renter Custom Incentive Program  
**Program Start Date:** September, 2015  
**Reporting Period:** Annual 2016 0

	<u>Summer kW</u>	<u>Meter Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Generator 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>Summer kW</u>	<u>Meter Winter kW</u>	<u>Energy kWh</u>	<u>Summer kW</u>	<u>Generator 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>

## 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 2016

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%				
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	262	299
Summer kW Reduction	0.24	0.29	898	1,085
Annual kWh Reduction	607	639	2,271,394	2,391,138

	Annual
Utility Cost per Installation:	\$115
Total Program Cost of the Utility (\$000):	\$432
Net Benefits of Measures Installed During Reporting Period:	(\$98,631)

## 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 2016

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%				
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	45	57
Summer kW Reduction	0.18	0.22	102	125
Annual kWh Reduction	451	475	255,717	269,325

	Annual
Utility Cost per Installation:	\$122
Total Program Cost of the Utility (\$000):	\$69
Net Benefits of Measures Installed During Reporting Period:	(\$12,985)

## 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 2016

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%				
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	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.11	1.37	1,633	2,015
Summer kW Reduction	0.15	0.18	221	265
Annual kWh Reduction	303	319	445,713	469,249

	Annual
Utility Cost per Installation:	\$294
Total Program Cost of the Utility (\$000):	\$433
Net Benefits of Measures Installed During Reporting Period:	(\$55,710)

## 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 2016

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%				
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	64	80
Summer kW Reduction	0.21	0.26	56	69
Annual kWh Reduction	391	412	104,006	109,592

	<u>Annual</u>
Utility Cost per Installation:	\$255
Total Program Cost of the Utility (\$000):	\$68
Net Benefits of Measures Installed During Reporting Period:	(\$8,245)



## 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 2016

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%				
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%				

	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Annual Demand and Energy Savings				
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.41	0.50	127	155
Annual kWh Reduction	1,029	1,084	318,990	336,040

Annual

Utility Cost per Installation: \$896  
 Total Program Cost of the Utility (\$000): \$278  
 Net Benefits of Measures Installed During Reporting Period: (\$38,529)

## 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 2016

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%				
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	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.00	0.00	0	0
Summer kW Reduction	0.04	0.05	1	1
Annual kWh Reduction	82	86	1,640	1,720

**Utility Cost per Installation:** \$85  
**Total Program Cost of the Utility (\$000):** \$2  
**Net Benefits of Measures Installed During Reporting Period:** (\$177)

## 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 2016

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%				
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	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.07	1.32	1,576	1,944
Summer kW Reduction	1.80	2.22	2,651	3,270
Annual kWh Reduction	735	774	1,082,655	1,140,102

Annual

Utility Cost per Installation: \$2,251  
Total Program Cost of the Utility (\$000): \$3,316  
Net Benefits of Measures Installed During Reporting Period: (\$1,265,031)

## 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 2016

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%				
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	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	-----	-----	-----	-----
Summer kW Reduction	-----	-----	-----	-----
Annual kWh Reduction	-----	-----	-----	-----

	Annual
Utility Cost per Installation:	\$2,060
Total Program Cost of the Utility (\$000):	\$705
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 2016

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%				
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	<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	0.30	0.37	12	15
Annual kWh Reduction	965	1,016	39,565	41,656

	<u>Annual</u>
Utility Cost per Installation:	\$1,513
Total Program Cost of the Utility (\$000):	\$62
Net Benefits of Measures Installed During Reporting Period:	(\$6,265)

## 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 2016

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	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				
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	14	17
Summer kW Reduction	0.29	0.36	15	18
Annual kWh Reduction	685	721	34,250	36,050

	Annual
Utility Cost per Installation:	\$360
Total Program Cost of the Utility (\$000):	\$18
Net Benefits of Measures Installed During Reporting Period:	(\$2,814)

## 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 2016

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	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				
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

	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Annual Demand and Energy Savings				
Winter kW Reduction	0.00012	0.00015	2	3
Summer kW Reduction	0.00046	0.00057	10	12
Annual kWh Reduction	0.748	0.80	15,563	16,645

	<u>Annual</u>
Utility Cost per Installation:	\$6
Total Program Cost of the Utility (\$000):	\$119
Net Benefits of Measures Installed During Reporting Period:	(\$10,372)

## 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 2016

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				
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	180	215
Annual kWh Reduction	1.72	1.81	463,017	487,245

	<u>Annual</u>
Utility Cost per Installation:	\$1
Total Program Cost of the Utility (\$000):	\$247
Net Benefits of Measures Installed During Reporting Period:	(\$27,017)



## 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 2016

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%				
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

	<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):	\$54
Net Benefits of Measures Installed During Reporting Period:	N/A

## 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 2016 0

	<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>

**GULF POWER COMPANY**  
**2016 DSM Progress Report**  
**Savings at the Meter**  
**2015 DSM PLAN**

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	<u>J</u>
	<u>Total</u>	<u>Per Unit</u>	<u>Per Unit</u>	<u>Per Unit</u>	<u>Total</u>	<u>Total</u>	<u>Total</u>	<u>Cumulative</u>	<u>Cumulative</u>	<u>Cumulative</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>
<b>Residential Programs</b>										
Community Energy Saver	2,500	0.11	0.05	769	0.28	0.13	1.92	0.39	0.18	2.67
Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
HVAC Efficiency Improvement	3,742	0.07	0.24	607	0.26	0.90	2.27	0.33	1.14	2.88
HVAC Efficiency Improvement	567	0.08	0.18	451	0.05	0.10	0.26	0.05	0.10	0.26
HVAC Efficiency Improvement	1,471	1.11	0.15	303	1.63	0.22	0.45	1.63	0.22	0.45
High Performance Window	266	0.24	0.21	391	0.06	0.06	0.10	0.12	0.11	0.20
Reflective Roof	310	0.00	0.41	1,029	0.00	0.13	0.32	0.00	0.15	0.38
Energy Select	1,473	1.07	1.80	735	1.58	2.65	1.08	2.09	3.50	1.43
Self-Install Energy Efficiency	20	0.00	0.04	82	0.00	0.00	0.00	0.00	0.00	0.01
			<b>Total Residential Applicable To Goal</b>		<b>3.86</b>	<b>4.19</b>	<b>6.40</b>	<b>4.61</b>	<b>5.40</b>	<b>8.28</b>
Residential Energy Audit and Education	6,696	-----	-----	-----	-----	-----	-----	-----	-----	-----
			<b>Total Residential</b>		<b>3.86</b>	<b>4.19</b>	<b>6.40</b>	<b>4.61</b>	<b>5.40</b>	<b>8.28</b>
<b>Commercial and Industrial Programs</b>										
Commercial HVAC Retrocommissioning	41	0.00	0.30	965	0.00	0.01	0.04	0.00	0.01	0.05
Commercial Building Efficiency	50	0.27	0.29	685	0.01	0.01	0.03	0.02	0.02	0.06
Commercial Building Efficiency	20,806	0.00	0.00	1	0.00	0.01	0.02	0.00	0.02	0.04
Commercial Building Efficiency	269,196	0.00	0.00	2	0.00	0.18	0.46	0.00	0.22	0.56
Commercial/Industrial Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
			<b>Total Commercial/Industrial Applicable to Goal</b>		<b>0.01</b>	<b>0.21</b>	<b>0.55</b>	<b>0.02</b>	<b>0.27</b>	<b>0.71</b>
Commercial/Industrial Energy Analysis	342	-----	-----	-----	-----	-----	-----	-----	-----	-----
			<b>Total Commercial/Industrial</b>		<b>0.01</b>	<b>0.21</b>	<b>0.55</b>	<b>0.02</b>	<b>0.27</b>	<b>0.71</b>

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**  
**2016 DSM Progress Report**  
**Savings at the Generator**  
**2015 DSM PLAN**

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	<u>J</u>
	<u>Total</u>	<u>Per Unit</u>	<u>Per Unit</u>	<u>Per Unit</u>	<u>Total</u>	<u>Total</u>	<u>Total</u>	<u>Cumulative</u>	<u>Cumulative</u>	<u>Cumulative</u>
<u>Residential Programs</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>
<b>Residential Programs</b>										
Community Energy Saver	2,500	0.14	0.06	810	0.35	0.15	2.03	0.49	0.21	2.82
Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
HVAC Efficiency Improvement	3,742	0.08	0.29	639	0.30	1.09	2.39	0.38	1.38	3.03
HVAC Efficiency Improvement	567	0.10	0.22	475	0.06	0.12	0.27	0.06	0.12	0.27
HVAC Efficiency Improvement	1,471	1.37	0.18	319	2.02	0.26	0.47	2.02	0.26	0.47
High Performance Window	266	0.30	0.26	412	0.08	0.07	0.11	0.16	0.14	0.21
Reflective Roof	310	0.00	0.50	1,084	0.00	0.16	0.34	0.00	0.19	0.41
Energy Select	1,473	1.32	2.22	774	1.94	3.27	1.14	2.56	4.32	1.51
Self-Install Energy Efficiency	20	0.00	0.05	86	0.00	0.00	0.00	0.00	0.00	0.01
			<b>Total Residential Applicable To Goal</b>		<b>4.75</b>	<b>5.12</b>	<b>6.75</b>	<b>5.67</b>	<b>6.62</b>	<b>8.73</b>
Residential Energy Audit and Education	6,696	-----	-----	-----	-----	-----	-----	-----	-----	-----
			<b>Total Residential</b>		<b>4.75</b>	<b>5.12</b>	<b>6.75</b>	<b>5.67</b>	<b>6.62</b>	<b>8.73</b>
<b>Commercial and Industrial Programs</b>										
<b>Commercial and Industrial Programs</b>										
Commercial HVAC Retrocommissioning	41	0.00	0.37	1,016	0.00	0.02	0.04	0.00	0.02	0.05
Commercial Building Efficiency	50	0.33	0.36	721	0.02	0.02	0.04	0.03	0.03	0.07
Commercial Building Efficiency	20,806	0.00	0.00	1	0.00	0.01	0.02	0.00	0.02	0.04
Commercial Building Efficiency	269,196	0.00	0.00	2	0.00	0.22	0.49	0.00	0.27	0.60
Commercial/Industrial Custom Incentive	0	-----	-----	-----	0.00	0.00	0.00	0.00	0.00	0.00
			<b>Total Commercial/Industrial Applicable to Goal</b>		<b>0.02</b>	<b>0.27</b>	<b>0.59</b>	<b>0.03</b>	<b>0.34</b>	<b>0.76</b>
Commercial/Industrial Energy Analysis	342	-----	-----	-----	-----	-----	-----	-----	-----	-----
			<b>Total Commercial/Industrial</b>		<b>0.02</b>	<b>0.27</b>	<b>0.59</b>	<b>0.03</b>	<b>0.34</b>	<b>0.76</b>

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.

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

Utility: GULF POWER COMPANY

	<b>Residential</b>								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>
	<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		2.3			4.1			4.2	
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	

	<b>Commercial/Industrial</b>								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>
	<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		0.1			0.5			1.5	
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	

	<b>Total Company (including Solar)</b>								
	<u>Winter Peak MW Reduction</u>			<u>Summer Peak MW Reduction</u>			<u>GWh Energy Reduction</u>		
	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>	<u>Total</u>	<u>Com. Appr.</u>	<u>%</u>
	<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		2.4			4.6			5.7	
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	