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February 28, 2018

Mr. Gregory Shafer, Director
Division of Economics
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0868

Dear Mr. Shafer:

Attached is Gulf Power Company's 2017 Annual FEECA Program Progress Report.

Sincerely,

A handwritten signature in blue ink that reads "Rhonda J. Alexander".

Rhonda J. Alexander
Regulatory, Forecasting and Pricing Manager

md

Attachment

cc: Gulf Power Company
Jeffrey A. Stone, Esq., General Counsel
Beggs & Lane
Russell Badders, Esq.

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 | 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 | ----- | ----- | ----- | ----- |

| | |
|---|------------------------|
| Utility Cost per Installation: | <u>Annual</u> \$175 |
| Total Program Cost of the Utility (\$000): | \$2,160 |
| 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 | 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 |

| | Annual |
|---|-------------|
| Utility Cost per Installation: | \$313 |
| Total Program Cost of the Utility (\$000): | \$783 |
| Net Benefits of Measures Installed During Reporting Period: | (\$223,169) |

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% | | | | |
| | | | | | | | | |

| 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 |

| | | |
|---|----------------------|--------------------|
| Utility Cost per Installation: | <u>Annual</u> N/A | |
| Total Program Cost of the Utility (\$000): | \$116 | |
| 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>Summer kW</u> | <u>Meter</u> <u>Winter kW</u> | <u>Energy kWh</u> | <u>Summer kW</u> | <u>Generator</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>Summer kW</u> | <u>Meter</u> <u>Winter kW</u> | <u>Energy kWh</u> | <u>Summer kW</u> | <u>Generator</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> |

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 | <u>Per Installation</u> | | <u>Program Total</u> | |
|----------------------------------|-------------------------|--------------------|----------------------|--------------------|
| | <u>@ Meter</u> | <u>@ Generator</u> | <u>@ Meter</u> | <u>@ Generator</u> |
| 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 |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$520 |
| Total Program Cost of the Utility (\$000): | \$664 |
| Net Benefits of Measures Installed During Reporting Period: | (\$90,685) |

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: | \$213 |
| Total Program Cost of the Utility (\$000): | \$151 |
| Net Benefits of Measures Installed During Reporting Period: | (\$26,943) |

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 | Per Installation | | Program Total | |
|----------------------------------|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| 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 |

| | Annual |
|---|------------|
| Utility Cost per Installation: | \$444 |
| Total Program Cost of the Utility (\$000): | \$212 |
| Net Benefits of Measures Installed During Reporting Period: | (\$26,500) |

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 | Per Installation | | Program Total | |
|----------------------------------|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| 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 |

| | Annual |
|---|------------|
| Utility Cost per Installation: | \$1,285 |
| Total Program Cost of the Utility (\$000): | \$379 |
| Net Benefits of Measures Installed During Reporting Period: | (\$37,040) |

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% | | | | |

| 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 | 0.41 | 0.50 | 84 | 103 |
| Annual kWh Reduction | 1,029 | 1,084 | 211,974 | 223,304 |

| | Annual |
|---|------------|
| Utility Cost per Installation: | \$2,709 |
| Total Program Cost of the Utility (\$000): | \$558 |
| Net Benefits of Measures Installed During Reporting Period: | (\$60,632) |

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 |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$4,029 |
| Total Program Cost of the Utility (\$000): | \$36 |
| Net Benefits of Measures Installed During Reporting Period: | (\$3,117) |

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 |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$2,767 |
| Total Program Cost of the Utility (\$000): | \$3,982 |
| Net Benefits of Measures Installed During Reporting Period: | (\$1,272,763) |

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 | ----- | ----- | ----- | ----- |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$3,974 |
| Total Program Cost of the Utility (\$000): | \$882 |
| 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 | <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 | 64 | 79 |
| Annual kWh Reduction | 965 | 1,016 | 206,510 | 217,424 |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$554 |
| Total Program Cost of the Utility (\$000): | \$119 |
| Net Benefits of Measures Installed During Reporting Period: | (\$17,965) |

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 <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 | 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 | <u>Per Installation</u> | | <u>Program Total</u> | |
|----------------------------------|-------------------------|--------------------|----------------------|--------------------|
| | <u>@ Meter</u> | <u>@ Generator</u> | <u>@ Meter</u> | <u>@ Generator</u> |
| 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): | \$93 |
| 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 <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 | 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 | <u>Per Installation</u> | | <u>Program Total</u> | |
|----------------------------------|-------------------------|--------------------|----------------------|--------------------|
| | <u>@ Meter</u> | <u>@ Generator</u> | <u>@ Meter</u> | <u>@ Generator</u> |
| 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 |

| | <u>Annual</u> |
|---|---------------|
| Utility Cost per Installation: | \$6 |
| Total Program Cost of the Utility (\$000): | \$118 |
| Net Benefits of Measures Installed During Reporting Period: | (\$10,356) |

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: | \$7 |
| Total Program Cost of the Utility (\$000): | \$228 |
| Net Benefits of Measures Installed During Reporting Period: | (\$21,157) |

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 | <u>Per Installation</u> | | <u>Program Total</u> | |
|----------------------------------|-------------------------|--------------------|----------------------|--------------------|
| | <u>@ Meter</u> | <u>@ Generator</u> | <u>@ Meter</u> | <u>@ Generator</u> |
| Winter kW Reduction | ----- | ----- | 600 | 788 |
| Summer kW Reduction | ----- | ----- | 600 | 788 |
| Annual kWh Reduction | ----- | ----- | 1,700,000 | 1,853,000 |

| | |
|---|----------------------------|
| Utility Cost per Installation: | <u>Annual</u> \$124,921 |
| Total Program Cost of the Utility (\$000): | \$125 |
| Net Benefits of Measures Installed During Reporting Period: | (\$50,558) |

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>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 | 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>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> |
|-----------------|------------------|----------------------------|-------------------|------------------|--------------------------------|-------------------|
| | 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 |
|---|---|--------------------|-------------------------|-------------------------|---------------------|----------------------|----------------------|------------------|---------------------------|---------------------------|-----------------------|
| | <u>Measures</u> | <u>Total Units</u> | <u>Per Unit Win. kW</u> | <u>Per Unit Sum. kW</u> | <u>Per Unit kWh</u> | <u>Total Win. MW</u> | <u>Total Sum. MW</u> | <u>Total GWh</u> | <u>Cumulative Win. MW</u> | <u>Cumulative Sum. MW</u> | <u>Cumulative GWh</u> |
| Residential Programs | | | | | | | | | | | |
| Community Energy Saver | Residential Community Energy Saver | 2,500 | 0.11 | 0.05 | 769 | 0.28 | 0.13 | 1.92 | 0.67 | 0.31 | 4.59 |
| 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 | 0.07 | 0.24 | 607 | 0.09 | 0.31 | 0.78 | 0.42 | 1.45 | 3.66 |
| HVAC Efficiency Improvement | Residential HVAC Quality Installation | 708 | 0.08 | 0.18 | 451 | 0.06 | 0.13 | 0.32 | 0.11 | 0.23 | 0.58 |
| HVAC Efficiency Improvement | Residential Duct Repair | 478 | 1.11 | 0.15 | 303 | 0.53 | 0.07 | 0.14 | 2.16 | 0.29 | 0.59 |
| Building Efficiency | Residential High Performance Window | 295 | 0.24 | 0.21 | 391 | 0.07 | 0.06 | 0.12 | 0.19 | 0.17 | 0.32 |
| Building Efficiency | Residential Reflective Roof | 206 | 0.00 | 0.41 | 1,029 | 0.00 | 0.08 | 0.21 | 0.00 | 0.23 | 0.59 |
| Energy Select | Energy Select | 1,439 | 1.07 | 1.80 | 735 | 1.54 | 2.59 | 1.06 | 3.63 | 6.09 | 2.49 |
| Building Efficiency | Residential Energy Star Window A/C | 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 | Residential Energy Audit | 12,314 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| | Total Residential | | | | | 2.57 | 3.37 | 4.55 | 7.18 | 8.77 | 12.83 |
| Commercial and Industrial Programs | | | | | | | | | | | |
| Commercial HVAC Retrocommissioning | Commercial HVAC Retrocommissioning | 214 | 0.00 | 0.30 | 965 | 0.00 | 0.06 | 0.21 | 0.00 | 0.07 | 0.26 |
| Commercial Building Efficiency | Commercial Geothermal Heat Pump | 0 | 0.27 | 0.29 | 685 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.06 |
| Commercial Building Efficiency | Commercial Ceiling/Roof Insulation | 19,744 | 0.00 | 0.00 | 1 | 0.00 | 0.01 | 0.01 | 0.00 | 0.03 | 0.05 |
| Commercial Building Efficiency | Commercial Reflective Roof | 33,202 | 0.00 | 0.00 | 2 | 0.00 | 0.02 | 0.06 | 0.00 | 0.24 | 0.62 |
| Commercial/Industrial Custom Incentive | 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 | Commercial/Industrial Energy Audit | 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 |
|---|---|--------------|-----------------|-----------------|-----------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|
| | Measures | 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 | 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.
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

| | Residential | | | | | | | | |
|-----------------|---------------------------------|-------------------|-----------------|---------------------------------|-------------------|-----------------|-----------------------------|-------------------|----------|
| | <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 | 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> | | |
| | <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 | 0.79 | 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> | | |
| | <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 | 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 | |