



(Writer's direct dial number – 727-820-4401)

Helena "Lee" T. Guthrie, Senior Manager
Regulatory Strategy-Florida

February 28, 2014

Mr. Stephen Garl
Division of Electric and Gas
Florida Public Service Commission
Capital Circle Office Center
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Duke Energy DSM Annual Report for Calendar Year 2013 undocketed

Dear Mr. Garl:

In accordance with Rule 25-17.0021(5), Florida Administrative Code, enclosed please find the Duke Energy Florida, Inc. Demand-Side Management Annual Report for the year 2013.

Please note that within this report Duke Energy Florida, Inc. refers to its previous name when referencing prior information provided to the Commission by DEF's predecessor, Progress Energy Florida, Inc. ("PEF").

If you have any questions about this report, please call me at (727) 820-4401.

Sincerely,

A handwritten signature in cursive script that reads 'Lee Guthrie'.

Lee Guthrie, Senior Manager
Florida Regulatory Strategy

cc: D. Triplett
J. Burnett
M. Bernier
P. Lewis
T. Duff
A. Tibbetts

DUKE ENERGY, FLORIDA
SUMMARY OF 2013 DEMAND SIDE MANAGEMENT ACHIEVEMENTS

On December 30, 2009, the Commission established DSM goals for Duke Energy Florida (DEF) over the 2010-2019 time frame (Docket 080408-EG, Order No. PSC-09-0855-FOF-EG). DEF subsequently filed a Motion For Reconsideration on January 12, 2010. On March 31, 2010, the Commission granted part of DEF's request and issued revised numeric conservation goals for the Company (in Docket No. 080408-EG, Order No. PSC-10-0198-FOF-EG). The tables represented in the "Comparison of Cumulative Achieved MW & GWH Reductions with Public Service Commission Established Goals" show DEF's annual DSM goals for the 2010-2019 forecast period as established by the Commission on March 31, 2010.

On August 16, 2011, in Docket No. 100160-EG, The Commission issued Order No. PSC-11-0347-PAA-EG, Modifying and Approving the Demand Side Management Plan of DEF. In the Proposed Agency Action ("PAA") Order, the Commission modified the DSM plan of DEF such that the approved plan would consist of those existing programs in effect as of the date of the Order. The program accomplishments noted in the following pages therefore represent the demand and energy savings relative to the Plan approved by the Commission on August 16, 2011 as compared to the March 31, 2010 goals, as well as those savings projections contained in the Company's 2004 DSM Plan.

For the year 2013 reporting period, as compared to the savings projections approved in the 2004 DSM Plan, DEF exceeded all of its annual commercial/industrial DSM reduction projections, and it likewise exceeded all of its residential projections.

Under the revised numeric conservation goals issued by the Commission on March 31, 2010, DEF exceeded its annual commercial/industrial DSM reduction goals in all categories. In the residential sector, Duke Energy was not able to meet its goals in any category due to reductions in customer participation levels particularly in the Home Energy Check and Home Improvement Programs. Although DEF continued to offer programs to customers that support energy savings while avoiding rate impact, 2013 results reflected the impact of economic conditions and reduction in stimulus funds that previously could be leveraged by customers to reduce their out-of pocket expense associated with participation in DEF's residential retrofit measures. Additionally, the impact of enhanced building code requirements and federal appliance standards reflects the consumer's awareness of conservation and mandated conservation implementations thus limiting the available demand and energy savings from utility DSM program offerings.

On a cumulative basis, Duke Energy achieved the winter peak MW reduction goal approved by the Commission with the installation of measures targeted to reduce winter peak demand. DEF's annual performance in 2013 experienced a significant reduction in demand and energy savings from 2012 demonstrating the increasing baselines and thus the reduced amount of incremental savings available. DEF continues to promote its Demand Side Management programs to customers through various advertising campaigns and channels.

As noted above, 2013 performance demonstrates the effectiveness of customer education, building code revisions, and higher efficiency standards for appliances. These drivers impacted the amount of energy savings available to consider for application to utility goals and will continue to influence the amount of cost-effective DSM in the future. DEF remains committed to delivering cost-effective DSM programs to its customers, but recognizes the challenge ahead to implement programs that surpass mandated baselines and minimize rate impacts.

**DUKE ENERGY FLORIDA
2013**

**COMPARISON OF CUMULATIVE ACHIEVED MW & GWH REDUCTIONS
PUBLIC SERVICE COMMISSION ESTABLISHED GOALS ORDER PSC-10-1098-FOF-EG**

| RESIDENTIAL | | | | | | | | | |
|-------------------------|-------------------------------------|----------------|------------|-------------------------------------|----------------|------------|---------------------------------|----------------|------------|
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 85 | 81 | 4% | 44 | 80 | -45% | 58 | 262 | -78% |
| 2011 | 160 | 168 | -5% | 83 | 161 | -48% | 111 | 529 | -79% |
| 2012 | 233 | 259 | -10% | 118 | 246 | -52% | 159 | 806 | -80% |
| 2013 | 281 | 352 | -20% | 144 | 332 | -57% | 200 | 1,089 | -82% |
| 2014 | | 449 | | | 421 | | | 1,377 | |
| 2015 | | 550 | | | 514 | | | 1,687 | |
| 2016 | | 661 | | | 617 | | | 1,985 | |
| 2017 | | 772 | | | 719 | | | 2,277 | |
| 2018 | | 876 | | | 815 | | | 2,557 | |
| 2019 | | 955 | | | 897 | | | 2,827 | |
| COMMERCIAL / INDUSTRIAL | | | | | | | | | |
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 31 | 5 | 494% | 36 | 14 | 163% | 66 | 31 | 111% |
| 2011 | 61 | 11 | 472% | 65 | 30 | 119% | 132 | 64 | 106% |
| 2012 | 82 | 22 | 273% | 94 | 55 | 69% | 200 | 100 | 100% |
| 2013 | 103 | 34 | 208% | 121 | 81 | 48% | 243 | 138 | 76% |
| 2014 | | 45 | | | 108 | | | 177 | |
| 2015 | | 57 | | | 135 | | | 224 | |
| 2016 | | 68 | | | 162 | | | 266 | |
| 2017 | | 80 | | | 189 | | | 307 | |
| 2018 | | 91 | | | 215 | | | 343 | |
| 2019 | | 103 | | | 237 | | | 377 | |
| Total | | | | | | | | | |
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 116 | 87 | 34% | 80 | 93 | -14% | 124 | 293 | -58% |
| 2011 | 221 | 179 | 24% | 148 | 191 | -22% | 243 | 593 | -59% |
| 2012 | 315 | 281 | 12% | 212 | 301 | -30% | 358 | 906 | -60% |
| 2013 | 384 | 386 | 0% | 265 | 413 | -36% | 443 | 1,226 | -64% |
| 2014 | | 494 | | | 528 | | | 1,555 | |
| 2015 | | 606 | | | 650 | | | 1,911 | |
| 2016 | | 730 | | | 779 | | | 2,251 | |
| 2017 | | 852 | | | 908 | | | 2,584 | |
| 2018 | | 967 | | | 1,030 | | | 2,900 | |
| 2019 | | 1,058 | | | 1,134 | | | 3,205 | |

*2010-2019 Goals are based on ORDER NO. PSC-10-0198-FOF-EG issued March 31, 2010

Figures are rounded to the nearest whole number and are at the Generator
2010 data was reported at meter in 2011 submission, numbers above include Line Loss

**DUKE ENERGY FLORIDA
2013**

**COMPARISON OF ANNUAL ACHIEVED MW & GWH REDUCTIONS BASED ON PSC-10-1098-FOF-EG
WITH PUBLIC SERVICE COMMISSION ESTABLISHED ANNUAL GOALS***

| RESIDENTIAL | | | | | | | | | |
|---------------------------------|--|-----------------------|-------------------|--|-----------------------|-------------------|--|-----------------------|-------------------|
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 85 | 81 | 4% | 44 | 80 | -45% | 58 | 262 | -78% |
| 2011 | 75 | 87 | -13% | 39 | 82 | -52% | 52 | 268 | -81% |
| 2012 | 73 | 91 | -20% | 35 | 85 | -59% | 48 | 277 | -83% |
| 2013 | 48 | 94 | -49% | 26 | 86 | -69% | 41 | 283 | -86% |
| COMMERCIAL / INDUSTRIAL* | | | | | | | | | |
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 31 | 5 | 494% | 36 | 14 | 163% | 66 | 31 | 111% |
| 2011 | 29 | 5 | 450% | 29 | 16 | 81% | 67 | 33 | 102% |
| 2012 | 21 | 11 | 88% | 28 | 26 | 10% | 67 | 36 | 86% |
| 2013 | 21 | 12 | 84% | 27 | 26 | 5% | 43 | 38 | 15% |
| Total* | | | | | | | | | |
| YEAR | WINTER PEAK MW REDUCTION COMMISSION | | | SUMMER PEAK MW REDUCTION COMMISSION | | | GWH ENERGY REDUCTION COMMISSION | | |
| | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | APPROVED GOAL* | % VARIANCE |
| 2010 | 116 | 87 | 34% | 80 | 93 | -14% | 124 | 293 | -58% |
| 2011 | 105 | 92 | 14% | 69 | 98 | -30% | 119 | 301 | -61% |
| 2012 | 94 | 102 | -8% | 63 | 110 | -43% | 115 | 313 | -63% |
| 2013 | 69 | 105 | -34% | 53 | 112 | -52% | 84 | 320 | -74% |

*2010-2019 Goals are based on ORDER NO. PSC-10-0198-FOF-EG issued March 31, 2010
 Figures are rounded to the nearest whole number and are at the Generator
 2010 data was reported at meter in 2011 submission, numbers above include Line Loss

COMPARISON OF CUMULATIVE ACHIEVED MW & GWH REDUCTIONS
WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS 2004 FILING

| YEAR | WINTER PEAK MW REDUCTION | | | RESIDENTIAL SUMMER PEAK MW REDUCTION | | | GWH ENERGY REDUCTION | | |
|------|--------------------------|--------------------------------|---------------|---|--------------------------------|---------------|----------------------|--------------------------------|---------------|
| | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE |
| 2005 | 51 | 46 | 12% | 20 | 14 | 42% | 31 | 22 | 39% |
| 2006 | 105 | 80 | 31% | 39 | 22 | 77% | 62 | 37 | 67% |
| 2007 | 161 | 115 | 41% | 62 | 32 | 95% | 91 | 53 | 71% |
| 2008 | 219 | 151 | 45% | 93 | 40 | 130% | 125 | 69 | 82% |
| 2009 | 282 | 186 | 52% | 125 | 50 | 151% | 168 | 85 | 97% |
| 2010 | 367 | 223 | 65% | 169 | 58 | 190% | 226 | 101 | 124% |
| 2011 | 442 | 263 | 68% | 208 | 69 | 202% | 278 | 119 | 134% |
| 2012 | 515 | 304 | 70% | 243 | 78 | 211% | 327 | 135 | 141% |
| 2013 | 563 | 324 | 74% | 270 | 83 | 225% | 368 | 144 | 156% |
| 2014 | | 366 | | | 92 | | | 161 | |

| YEAR | WINTER PEAK MW REDUCTION | | | COMMERCIAL / INDUSTRIAL* SUMMER PEAK MW REDUCTION | | | GWH ENERGY REDUCTION | | |
|------|--------------------------|--------------------------------|---------------|--|--------------------------------|---------------|----------------------|--------------------------------|---------------|
| | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL | % VARIANCE |
| 2005 | 7 | 3 | 108% | 9 | 4 | 106% | 4 | 3 | 15% |
| 2006 | 13 | 7 | 72% | 17 | 7 | 130% | 10 | 6 | 59% |
| 2007 | 40 | 11 | 280% | 47 | 12 | 305% | 33 | 9 | 243% |
| 2008 | 91 | 15 | 514% | 103 | 15 | 586% | 83 | 13 | 554% |
| 2009 | 132 | 18 | 635% | 149 | 19 | 683% | 133 | 16 | 740% |
| 2010 | 163 | 21 | 674% | 185 | 22 | 734% | 199 | 19 | 946% |
| 2011 | 192 | 25 | 660% | 214 | 26 | 712% | 265 | 21 | 1157% |
| 2012 | 214 | 30 | 622% | 242 | 31 | 689% | 332 | 24 | 1264% |
| 2013 | 235 | 31 | 658% | 269 | 32 | 741% | 376 | 26 | 1346% |
| 2014 | | 34 | | | 36 | | | 29 | |

| YEAR | WINTER PEAK MW REDUCTION | | | TOTAL DSM PROGRAMS SUMMER PEAK MW REDUCTION | | | GWH ENERGY REDUCTION | | |
|------|--------------------------|---------------------------------|---------------|--|---------------------------------|---------------|----------------------|---------------------------------|---------------|
| | TOTAL ACHIEVED | COMMISSION APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL* | % VARIANCE | TOTAL ACHIEVED | COMMISSION APPROVED GOAL* | % VARIANCE |
| 2005 | 58 | 49 | 18% | 28 | 18 | 57% | 35 | 25 | 36% |
| 2006 | 117 | 87 | 35% | 56 | 30 | 90% | 72 | 43 | 65% |
| 2007 | 201 | 125 | 61% | 109 | 43 | 151% | 123 | 63 | 97% |
| 2008 | 310 | 166 | 87% | 195 | 55 | 255% | 208 | 82 | 155% |
| 2009 | 414 | 204 | 103% | 274 | 69 | 288% | 301 | 101 | 198% |
| 2010 | 530 | 244 | 117% | 354 | 81 | 340% | 425 | 120 | 254% |
| 2011 | 635 | 289 | 120% | 423 | 95 | 343% | 543 | 140 | 288% |
| 2012 | 729 | 333 | 119% | 486 | 109 | 346% | 659 | 160 | 312% |
| 2013 | 798 | 355 | 125% | 539 | 115 | 369% | 743 | 170 | 337% |
| 2014 | | 400 | | | 128 | | | 190 | |

*2005-2014 Goals are based on ORDER NO. PSC-04-0769-PAA-EG issued August 9, 2004
Figures are rounded to the nearest whole number and are at the Generator

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Home Energy Check
 Program Start Date: January 1991
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 1,441,396 | 62,196 | 4% | 62,196 | 62,196 | 4% | 0 |
| 2011 | 1,453,081 | 1,453,081 | 108,696 | 7% | 45,310 | 107,506 | 7% | -1,190 |
| 2012 | 1,470,238 | 1,470,238 | 146,796 | 10% | 35,869 | 143,375 | 10% | -3,421 |
| 2013 | 1,491,898 | 1,491,898 | 183,916 | 12% | 31,643 | 175,018 | 12% | -8,898 |
| 2014 | 1,515,281 | 1,515,281 | 220,105 | 15% | | | | |
| 2015 | 1,539,148 | 1,539,148 | 255,410 | 17% | | | | |
| 2016 | 1,562,492 | 1,562,492 | 288,950 | 18% | | | | |
| 2017 | 1,585,247 | 1,585,247 | 320,814 | 20% | | | | |
| 2018 | 1,607,594 | 1,607,594 | 351,086 | 22% | | | | |
| 2019 | 1,629,707 | 1,629,707 | 379,844 | 23% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.089 | 0.094 | 2,818 | 2,975 |
| Winter kW Reduction | 0.067 | 0.071 | 2,122 | 2,240 |
| Annual kWh Reduction | 232 | 245 | 7,337,068 | 7,746,403 |

Utility Cost per Installation: \$241
 Total Program Cost of the Utility (\$000): \$7,632
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Home Energy Improvement
 Program Start Date: April 1996 with modifications approved in 2006
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|--|--|--|---|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program/Measure Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program/Measure Participants | Actual Cumulative Number of Program/Measure Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 1,441,396 | 66,298 | 5% | 66,298 | 66,298 | 5% | 0 |
| 2011 | 1,453,081 | 1,453,081 | 97,487 | 7% | 52,691 | 118,989 | 8% | 21,502 |
| 2012 | 1,470,238 | 1,470,238 | 123,998 | 8% | 45,842 | 164,831 | 11% | 40,833 |
| 2013 | 1,491,898 | 1,491,898 | 149,184 | 10% | 29,724 | 194,555 | 13% | 45,371 |
| 2014 | 1,515,281 | 1,515,281 | 173,110 | 11% | | | | |
| 2015 | 1,539,148 | 1,539,148 | 195,840 | 13% | | | | |
| 2016 | 1,562,492 | 1,562,492 | 217,433 | 14% | | | | |
| 2017 | 1,585,247 | 1,585,247 | 237,947 | 15% | | | | |
| 2018 | 1,607,594 | 1,607,594 | 257,435 | 16% | | | | |
| 2019 | 1,629,707 | 1,629,707 | 275,949 | 17% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

g Program participants represents the cumulative measure installations from all measures included in this program. Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.32 | 0.34 | 9,650 | 10,188 |
| Winter kW Reduction | 0.71 | 0.75 | 21,003 | 22,175 |
| Annual kWh Reduction | 465 | 491 | 13,810,694 | 14,581,193 |

Utility Cost per Installation: \$207
 Total Program Cost of the Utility (\$000): \$6,138
 Net Benefits of Measures Installed During Reporting Period (\$000): \$15

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Residential New Construction
 Program Start Date: April 1996 with modifications approved in 2006
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program/Measure Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program/Measure Participants | Actual Cumulative Number of Program/Measure Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 16,273 | 13,005 | 80% | 13,005 | 13,005 | 80% | 0 |
| 2011 | 1,453,081 | 32,546 | 27,996 | 86% | 17,511 | 30,516 | 94% | 2,520 |
| 2012 | 1,470,238 | 53,956 | 40,738 | 76% | 24,833 | 55,349 | 103% | 14,611 |
| 2013 | 1,491,898 | 80,309 | 52,843 | 66% | 23,469 | 78,818 | 98% | 25,975 |
| 2014 | 1,515,281 | 107,389 | 64,343 | 60% | | | | |
| 2015 | 1,539,148 | 134,025 | 75,268 | 56% | | | | |
| 2016 | 1,562,492 | 159,306 | 85,647 | 54% | | | | |
| 2017 | 1,585,247 | 183,361 | 85,647 | 47% | | | | |
| 2018 | 1,607,594 | 206,582 | 85,647 | 41% | | | | |
| 2019 | 1,629,707 | 230,135 | 85,647 | 37% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

c Total number of eligible new homes estimated to be constructed in DEF's territory.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

g Program participants represents the cumulative measure installations from all measures included in this program. Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.25 | 0.27 | 5,909 | 6,238 |
| Winter kW Reduction | 0.48 | 0.51 | 11,319 | 11,951 |
| Annual kWh Reduction | 504 | 532 | 11,827,324 | 12,487,170 |

Utility Cost per Installation: \$165
 Total Program Cost of the Utility (\$000): \$3,864
 Net Benefits of Measures Installed During Reporting Period (\$000): \$104

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Low Income Weatherization Assistance
 Program Start Date: May 2000 with modifications approved in 2005
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|--|--|--|---|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program/Measure Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program/Measure Participants | Actual Cumulative Number of Program/Measure Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 3,000 | 2,997 | 100% | 2,997 | 2,997 | 100% | 0 |
| 2011 | 1,453,081 | 7,853 | 4,615 | 59% | 5,233 | 8,230 | 105% | 3,615 |
| 2012 | 1,470,238 | 12,778 | 6,256 | 49% | 5,443 | 13,673 | 107% | 7,417 |
| 2013 | 1,491,898 | 17,789 | 7,927 | 45% | 1,750 | 15,423 | 87% | 7,496 |
| 2014 | 1,515,281 | 22,888 | 9,626 | 42% | | | | |
| 2015 | 1,539,148 | 28,077 | 11,356 | 40% | | | | |
| 2016 | 1,562,492 | 33,347 | 13,113 | 39% | | | | |
| 2017 | 1,585,247 | 38,698 | 14,896 | 38% | | | | |
| 2018 | 1,607,594 | 44,125 | 16,705 | 38% | | | | |
| 2019 | 1,629,707 | 49,629 | 18,540 | 37% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

c Total number of Eligible Program/Measure Participants that are weatherized by local weatherization assistance providers.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

g Program participants represents the cumulative measure installations from all measures included in this program. Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.15 | 0.15 | 255 | 270 |
| Winter kW Reduction | 0.23 | 0.24 | 395 | 417 |
| Annual kWh Reduction | 205 | 216 | 358,698 | 378,710 |

Utility Cost per Installation: \$128
 Total Program Cost of the Utility (\$000): \$225
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$12

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Neighborhood Energy Saver
 Program Start Date: 2007
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 44,822 | 2,997 | 7% | 2,997 | 2,997 | 7% | 0 |
| 2011 | 1,453,081 | 45,718 | 6,248 | 14% | 2,847 | 5,844 | 13% | -404 |
| 2012 | 1,470,238 | 43,382 | 9,499 | 22% | 2,558 | 8,402 | 19% | -1,097 |
| 2013 | 1,491,898 | 40,998 | 12,750 | 31% | 2,911 | 11,313 | 28% | -1,437 |
| 2014 | 1,515,281 | 38,567 | 16,001 | 41% | | | | |
| 2015 | 1,539,148 | 36,088 | 19,252 | 53% | | | | |
| 2016 | 1,562,492 | 33,559 | 22,340 | 67% | | | | |
| 2017 | 1,585,247 | 31,142 | 25,274 | 81% | | | | |
| 2018 | 1,607,594 | 28,831 | 28,061 | 97% | | | | |
| 2019 | 1,629,707 | 26,620 | 30,709 | 115% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.32 | 0.33 | 919 | 971 |
| Winter kW Reduction | 0.35 | 0.36 | 1,006 | 1,063 |
| Annual kWh Reduction | 1,019 | 1,076 | 2,967,384 | 3,132,934 |

Utility Cost per Installation: \$441
 Total Program Cost of the Utility (\$000): \$1,283
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$86

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Solar Water Heat with EM
 Program Start Date: 2011
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | | | | | | | | |
| 2011 | 1,453,081 | 1,223,161 | 2,250 | 0.2% | 230 | 230 | 0% | -2,020 |
| 2012 | 1,470,238 | 1,240,931 | 4,500 | 0.4% | 358 | 588 | 0% | -3,912 |
| 2013 | 1,491,898 | 1,262,804 | 6,750 | 0.5% | 259 | 847 | 0% | -5,903 |
| 2014 | 1,515,281 | 1,285,281 | 9,000 | 0.7% | | | | |
| 2015 | 1,539,148 | | | | | | | |
| 2016 | 1,562,492 | | | | | | | |
| 2017 | 1,585,247 | | | | | | | |
| 2018 | 1,607,594 | | | | | | | |
| 2019 | 1,629,707 | | | | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 1.11 | 1.17 | 287 | 304 |
| Winter kW Reduction | 2.14 | 2.26 | 554 | 585 |
| Annual kWh Reduction | 1,695 | 1,789 | 438,982 | 463,473 |

Utility Cost per Installation: \$659
 Total Program Cost of the Utility (\$000): \$171
 Net Benefits of Measures Installed During Reporting Period (\$000): \$13

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Solar Water Heat Low Income
 Program Start Date: 2011
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | | | | | | | | |
| 2011 | 1,453,081 | 896 | 30 | 3.35% | 13 | 13 | 1% | -17 |
| 2012 | 1,470,238 | 1,761 | 60 | 3.41% | 26 | 39 | 2% | -21 |
| 2013 | 1,491,898 | 2,577 | 90 | 3.49% | 24 | 63 | 2% | -27 |
| 2014 | 1,515,281 | 3,330 | 120 | 3.60% | | | | |
| 2015 | 1,539,148 | | | | | | | |
| 2016 | 1,562,492 | | | | | | | |
| 2017 | 1,585,247 | | | | | | | |
| 2018 | 1,607,594 | | | | | | | |
| 2019 | 1,629,707 | | | | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.32 | 0.34 | 8 | 8 |
| Winter kW Reduction | 0.35 | 0.37 | 8 | 9 |
| Annual kWh Reduction | 2,031 | 2,144 | 48,740 | 51,459 |

Utility Cost per Installation: \$5,150
 Total Program Cost of the Utility (\$000): \$124
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$8

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Residential Solar PV
 Program Start Date: 2011
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|---|--|--|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants* | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | | | | | | | | |
| 2011 | 1,453,081 | 1,453,081 | 100 | 0.01% | 88 | 88 | 0% | -12 |
| 2012 | 1,470,238 | 1,470,238 | 200 | 0.01% | 106 | 194 | 0% | -6 |
| 2013 | 1,491,898 | 1,491,898 | 300 | 0.02% | 152 | 346 | 0% | 46 |
| 2014 | 1,515,281 | 1,515,281 | 400 | 0.03% | | | | |
| 2015 | 1,539,148 | | | | | | | |
| 2016 | 1,562,492 | | | | | | | |
| 2017 | 1,585,247 | | | | | | | |
| 2018 | 1,607,594 | | | | | | | |
| 2019 | 1,629,707 | | | | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 2.44 | 2.57 | 371 | 391 |
| Winter kW Reduction | 0.00 | 0.00 | 0 | 0 |
| Annual kWh Reduction | 12,724 | 13,434 | 1,934,123 | 2,042,028 |

Utility Cost per Installation: \$17,384
 Total Program Cost of the Utility (\$000): \$2,642
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$234

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Residential Energy Management
 Program Start Date: January 1981 , revision approved May 2000, 2nd revision approved 2006
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 1,441,396 | 931,134 | 7,700 | 0.83% | 8,357 | 8,357 | 1% | 657 |
| 2011 | 1,453,081 | 941,530 | 15,400 | 1.64% | 7,858 | 16,215 | 2% | 815 |
| 2012 | 1,470,238 | 955,209 | 23,100 | 2.42% | 5,570 | 21,785 | 2% | -1,315 |
| 2013 | 1,491,898 | 972,046 | 30,800 | 3.17% | 4,321 | 26,106 | 3% | -4,694 |
| 2014 | 1,515,281 | 989,347 | 38,500 | 3.89% | | | | |
| 2015 | 1,539,148 | 1,006,365 | 46,200 | 4.59% | | | | |
| 2016 | 1,562,492 | 1,022,517 | 53,900 | 5.27% | | | | |
| 2017 | 1,585,247 | 1,037,885 | 61,600 | 5.94% | | | | |
| 2018 | 1,607,594 | 1,052,721 | 69,300 | 6.58% | | | | |
| 2019 | 1,629,707 | 1,067,769 | 77,000 | 7.21% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

f Annual Number of Program Participants represents annual new additions to the program.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 1.09 | 1.15 | 4,710 | 4,973 |
| Winter kW Reduction | 2.09 | 2.21 | 9,031 | 9,535 |
| Annual kWh Reduction | 19 | 20 | 80,801 | 85,309 |

Utility Cost per Installation: * \$105
 Total Program Cost of the Utility (\$000):** \$41,247
 Net Benefits of Measures Installed During Reporting Period (\$000): \$241

**Utility cost per Installation is based on the total, cumulative number of year-end participants.*

***Utility program costs for this program include incentives paid to eligible participants.*

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Business Energy Check
 Program Start Date: January 1991
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 163,246 | 3,015 | 2% | 3,015 | 3,015 | 2% | 0 |
| 2011 | 164,849 | 164,849 | 5,415 | 3% | 2,573 | 5,588 | 3% | 173 |
| 2012 | 167,616 | 167,616 | 7,456 | 4% | 2,114 | 7,702 | 5% | 246 |
| 2013 | 171,005 | 171,005 | 9,395 | 5% | 2,070 | 9,772 | 6% | 377 |
| 2014 | 174,336 | 174,336 | 11,237 | 6% | | | | |
| 2015 | 177,629 | 177,629 | 12,987 | 7% | | | | |
| 2016 | 180,845 | 180,845 | 14,650 | 8% | | | | |
| 2017 | 183,979 | 183,979 | 16,230 | 9% | | | | |
| 2018 | 187,058 | 187,058 | 17,731 | 9% | | | | |
| 2019 | 190,101 | 190,101 | 19,157 | 10% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 0.14 | 0.15 | 290 | 306 |
| Winter kW Reduction | 0.14 | 0.15 | 290 | 306 |
| Annual kWh Reduction | 300 | 316 | 620,521 | 655,140 |

Utility Cost per Installation: \$1,110
 Total Program Cost of the Utility (\$000): \$2,298
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: **DUKE ENERGY FLORIDA, INC.**
 Program Name: **Better Business**
 Program Start Date: **April 1996 with modifications approved in 2006**
 Reporting Period: **2013**

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 163,246 | 2,062 | 1.26% | 2,062 | 2,062 | 1% | 0 |
| 2011 | 164,849 | 164,849 | 5,121 | 3.11% | 3,361 | 5,423 | 3% | 302 |
| 2012 | 167,616 | 167,616 | 7,722 | 4.61% | 1,803 | 7,226 | 4% | -496 |
| 2013 | 171,005 | 171,005 | 10,190 | 5.96% | 992 | 8,218 | 5% | -1,972 |
| 2014 | 174,336 | 174,336 | 12,487 | 7.16% | | | | |
| 2015 | 177,629 | 177,629 | 14,452 | 8.14% | | | | |
| 2016 | 180,845 | 180,845 | 16,319 | 9.02% | | | | |
| 2017 | 183,979 | 183,979 | 18,082 | 9.83% | | | | |
| 2018 | 187,058 | 187,058 | 19,758 | 10.56% | | | | |
| 2019 | 190,101 | 190,101 | 21,350 | 11.23% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

g Program participants represents the cumulative measure installations from all measures included in this program.

Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 10.00 | 10.56 | 9,921 | 10,474 |
| Winter kW Reduction | 5.83 | 6.15 | 5,779 | 6,101 |
| Annual kWh Reduction | 33,795 | 35,681 | 33,524,783 | 35,395,131 |

Utility Cost per Installation: **\$1,873**
 Total Program Cost of the Utility (\$000): **\$1,858**
 Net Benefits of Measures Installed During Reporting Period (\$000): **\$36**

Demand Side Management Annual Report

Utility: **DUKE ENERGY FLORIDA, INC.**
 Program Name: **C/I New Construction**
 Program Start Date: **April 1996 with modifications approved in 2006**
 Reporting Period: **2013**

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 2,093 | 265 | 12.66% | 265 | 265 | 13% | 0 |
| 2011 | 164,849 | 4,186 | 431 | 10.29% | 210 | 475 | 11% | 44 |
| 2012 | 167,616 | 7,839 | 598 | 7.63% | 368 | 843 | 11% | 245 |
| 2013 | 171,005 | 12,100 | 767 | 6.34% | 246 | 1,089 | 9% | 322 |
| 2014 | 174,336 | 15,495 | 937 | 6.05% | | | | |
| 2015 | 177,629 | 18,983 | 1,110 | 5.84% | | | | |
| 2016 | 180,845 | 22,414 | 1,284 | 5.73% | | | | |
| 2017 | 183,979 | 25,670 | 1,459 | 5.68% | | | | |
| 2018 | 187,058 | 28,770 | 1,637 | 5.69% | | | | |
| 2019 | 190,101 | 31,762 | 1,816 | 5.72% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

g Program participants represents the cumulative measure installations from all measures included in this program.

Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 14.52 | 15.33 | 3,571 | 3,771 |
| Winter kW Reduction | 9.98 | 10.53 | 2,454 | 2,591 |
| Annual kWh Reduction | 21,386 | 22,579 | 5,261,031 | 5,554,544 |

Utility Cost per Installation: \$4,521
 Total Program Cost of the Utility (\$000): \$1,112
 Net Benefits of Measures Installed During Reporting Period (\$000): \$22

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Innovation Incentive
 Program Start Date: January 1991
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 163,246 | 2 | 0.0% | 3 | 3 | 0% | 1 |
| 2011 | 164,849 | 164,849 | 3 | 0.0% | 2 | 5 | 0% | 2 |
| 2012 | 167,616 | 167,616 | 5 | 0.0% | 29 | 34 | 0% | 29 |
| 2013 | 171,005 | 171,005 | 7 | 0.0% | 13 | 47 | 0% | 40 |
| 2014 | 174,336 | 174,336 | 9 | 0.0% | | | | |
| 2015 | 177,629 | 177,629 | 11 | 0.0% | | | | |
| 2016 | 180,845 | 180,845 | 13 | 0.0% | | | | |
| 2017 | 183,979 | 183,979 | 15 | 0.0% | | | | |
| 2018 | 187,058 | 187,058 | 17 | 0.0% | | | | |
| 2019 | 190,101 | 190,101 | 19 | 0.0% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

d 2010 data point is 2010 Actual. Years 2011-2019 reflects PEF assumptions in PEF's Response to Staff's 1st Interrogatory filed 9/16/2011 in Docket 110002-EG.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 15.8 | 16.7 | 206 | 217 |
| Winter kW Reduction | 4.8 | 5.0 | 62 | 65 |
| Annual kWh Reduction | 23,757.7 | 25,083.1 | 308,850 | 326,081 |

Utility Cost per Installation: \$4,989
 Total Program Cost of the Utility (\$000): \$65
 Net Benefits of Measures Installed During Reporting Period (\$000): \$0

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Commercial Solar PV
 Program Start Date: 2011
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | | | | | | | | |
| 2011 | 164,849 | 7,524 | 23 | 0.31% | 16 | 16 | 0% | -7 |
| 2012 | 167,616 | 15,086 | 46 | 0.30% | 11 | 27 | 0% | -19 |
| 2013 | 171,005 | 22,686 | 69 | 0.30% | 12 | 39 | 0% | -30 |
| 2014 | 174,336 | 30,324 | 92 | 0.30% | | | | |
| 2015 | 177,629 | | | | | | | |
| 2016 | 180,845 | | | | | | | |
| 2017 | 183,979 | | | | | | | |
| 2018 | 187,058 | | | | | | | |
| 2019 | 190,101 | | | | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 16.25 | 17.16 | 195 | 206 |
| Winter kW Reduction | 0.00 | 0.00 | 0 | 0 |
| Annual kWh Reduction | 84,816 | 89,548 | 1,017,795 | 1,074,578 |

Utility Cost per Installation: \$76,691
 Total Program Cost of the Utility (\$000): \$920
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$87

Demand Side Management Annual Report

Utility: **DUKE ENERGY FLORIDA, INC.**
 Program Name: **Photovoltaic for Schools Pilot**
 Program Start Date: **2011**
 Reporting Period: **2013**

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|---|--|--|--|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | | | | | | | | |
| 2011 | 164,849 | 100 | 10 | 10.00% | 10 | 10 | 10% | 0 |
| 2012 | 167,616 | 201 | 20 | 9.95% | 2 | 12 | 6% | -8 |
| 2013 | 171,005 | 303 | 30 | 9.90% | 11 | 23 | 8% | -7 |
| 2014 | 174,336 | 406 | 40 | 9.85% | | | | |
| 2015 | 177,629 | | | | | | | |
| 2016 | 180,845 | | | | | | | |
| 2017 | 183,979 | | | | | | | |
| 2018 | 187,058 | | | | | | | |
| 2019 | 190,101 | | | | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 5.50 | 5.81 | 61 | 64 |
| Winter kW Reduction | 0.00 | 0.00 | 0 | 0 |
| Annual kWh Reduction | 28,712 | 30,313 | 315,827 | 333,447 |

Utility Cost per Installation: \$77,941
 Total Program Cost of the Utility (\$000): \$857
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$258

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Commercial Energy Management
 Program Start Date: April 1996 - (Closed to new participants effective May 2000)
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|--|--|--|---|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 0 | 0 | 0% | 0 | 0 | 0% | 0 |
| 2011 | 164,849 | 0 | 0 | 0% | 0 | 0 | 0% | 0 |
| 2012 | 167,616 | 0 | 0 | 0% | 0 | 0 | 0% | 0 |
| 2013 | 171,005 | 0 | 0 | 0% | 0 | 0 | 100% | 0 |
| 2014 | 174,336 | 0 | 0 | 0% | | | | |
| 2015 | 177,629 | | | | | | | |
| 2016 | 180,845 | | | | | | | |
| 2017 | 183,979 | | | | | | | |
| 2018 | 187,058 | | | | | | | |
| 2019 | 190,101 | | | | | | | |

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | --- | --- | 0.0 | 0.0 |
| Winter kW Reduction | --- | --- | 0.0 | 0.0 |
| Annual kWh Reduction | --- | --- | 0.0 | 0.0 |

Utility Cost per Installation: \$9,183
 Total Program Cost of the Utility (\$000): * \$597
 Net Benefits of Measures Installed During Reporting Period (\$000): \$0

*** Total program costs for this program include incentives paid to eligible participants.**

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Standby Generation
 Program Start Date: April 1993 with revision approved 2006
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------|------------------------------------|---|--|--|--|---|--|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 636 | 10 | 1.57% | 27 | 27 | 4% | 17 |
| 2011 | 164,849 | 1,183 | 20 | 1.69% | 16 | 43 | 4% | 23 |
| 2012 | 167,616 | 1,743 | 30 | 1.72% | 11 | 54 | 3% | 24 |
| 2013 | 171,005 | 2,315 | 40 | 1.73% | 12 | 66 | 3% | 26 |
| 2014 | 174,336 | 2,897 | 50 | 1.73% | | | | |
| 2015 | 177,629 | 3,491 | 59 | 1.69% | | | | |
| 2016 | 180,845 | 4,095 | 68 | 1.66% | | | | |
| 2017 | 183,979 | 4,708 | 76 | 1.61% | | | | |
| 2018 | 187,058 | 5,332 | 84 | 1.58% | | | | |
| 2019 | 190,101 | 5,965 | 92 | 1.54% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.
c Total Number of Eligible Customers is based on the total number of customers having on-site generation.
f Annual Number of Program Participants represents annual new additions to the program.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 395 | 417 | 4,743 | 5,008 |
| Winter kW Reduction | 395 | 417 | 4,743 | 5,008 |
| Annual kWh Reduction | 3,162 | 3,338 | 37,944 | 40,061 |

Utility Cost per Installation: * \$17,920
 Total Program Cost of the Utility (\$000):** \$4,588
 Net Benefits of Measures Installed During Reporting Period (\$000): \$157

* Utility cost per Installation is based on the total, cumulative number of year-end participants.
 ** Total program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Interruptible Service
 Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|--|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants | Actual Cumulative Number of Program Participants | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 1,113 | 1 | 0.1% | 0 | 0 | 0% | -1 |
| 2011 | 164,849 | 1,572 | 2 | 0.1% | 0 | 0 | 0% | -2 |
| 2012 | 167,616 | 2,042 | 3 | 0.1% | 1 | 1 | 0% | -2 |
| 2013 | 171,005 | 2,521 | 4 | 0.2% | 4 | 5 | 0% | 1 |
| 2014 | 174,336 | 3,010 | 5 | 0.2% | | | | |
| 2015 | 177,629 | 3,508 | 6 | 0.2% | | | | |
| 2016 | 180,845 | 4,015 | 7 | 0.2% | | | | |
| 2017 | 183,979 | 4,530 | 8 | 0.2% | | | | |
| 2018 | 187,058 | 5,053 | 9 | 0.2% | | | | |
| 2019 | 190,101 | 5,584 | 10 | 0.2% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

f Annual Number of Program Participants represents annual new additions to the program.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | 1,666.0 | 1,758.9 | 6,664 | 7,035.8 |
| Winter kW Reduction | 1,666.0 | 1,758.9 | 6,664 | 7,035.8 |
| Annual kWh Reduction | 13,328.0 | 14,071.6 | 53,312 | 56,286.3 |

Utility Cost per Installation: * \$184,355
 Total Program Cost of the Utility (\$000): ** \$24,704
 Net Benefits of Measures Installed During Reporting Period (\$000): \$185

*** Utility cost per Installation is based on the total, cumulative number of year-end participants.**

**** Utility program costs for this program include incentives paid to eligible participants.**

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, INC.
 Program Name: Curtailable Service
 Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
 Reporting Period: 2013

| a | b | c | d | e | f | g | h | i |
|------|---------------------------------|---|---|--|---|--|---|---|
| Year | Total Number of Customers | Total Number of Eligible Customers | Projected Cumulative Number of Program Participants | Projected Cumulative Penetration Level % [(d/c)x100] | Actual Annual Number of Program Participants* | Actual Cumulative Number of Program Participants** | Actual Cumulative Penetration Level % [(g/c)x100] | Actual Participation Over (Under) Projected Participants (g-d) |
| 2010 | 163,246 | 1,113 | 2 | 0.2% | 0 | 0 | 0% | -2 |
| 2011 | 164,849 | 2,019 | 3 | 0.1% | 0 | 0 | 0% | -3 |
| 2012 | 167,616 | 2,947 | 4 | 0.1% | 0 | 0 | 0% | -4 |
| 2013 | 171,005 | 3,893 | 5 | 0.1% | 0 | 0 | 0% | -5 |
| 2014 | 174,336 | 4,858 | 6 | 0.1% | | | | |
| 2015 | 177,629 | 5,841 | 7 | 0.1% | | | | |
| 2016 | 180,845 | 6,841 | 8 | 0.1% | | | | |
| 2017 | 183,979 | 7,858 | 9 | 0.1% | | | | |
| 2018 | 187,058 | 8,890 | 10 | 0.1% | | | | |
| 2019 | 190,101 | 9,939 | 11 | 0.1% | | | | |

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

f Annual Number of Program Participants represents annual new additions to the program.

| Annual Demand & Energy Savings (during the reporting period) | Per Installation | | Program Total | |
|---|------------------|-------------|---------------|-------------|
| | @ Meter | @ Generator | @ Meter | @ Generator |
| Summer kW Reduction | --- | --- | 0.0 | 0.0 |
| Winter kW Reduction | --- | --- | 0.0 | 0.0 |
| Annual kWh Reduction | --- | --- | 0.0 | 0.0 |

Utility Cost per Installation: * \$219,588
 Total Program Cost of the Utility (\$000): \$878
 Net Benefits of Measures Installed During Reporting Period (\$000): \$0

*** Utility cost per Installation is based on the total, cumulative number of year-end participants.**

**** Utility program costs for this program include incentives paid to eligible participants.**