21 West Church Street Jacksonville, Florida 32202-3139

February 28, 2014



WATER

SEWER

Steve Garl Public Utilities Analyst Division of Economics Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 Phone: (850) 413-6676

Re: Demand Side Management Plan, 2013 FEECA Annual Report

ELECTRIC Dear Mr. Garl:

Enclosed is JEA's 2013 FEECA annual report on Demand Side Management activities.

The data confirms that JEA has met all of its FEECA goals for 2013.

If you have any questions, please do not hesitate to contact me at (904) 665-6764.

Sincerely, entr

Director, Customer Solutions & Market Development

Encl: 2013 FEECA Annual Report

cc: Paul McElroy Mike Brost Melissa Dykes Monica Whiting Bud Para

JEA Demand Side Management (DSM) FEECA Annual Report for 2013

Public Service Commission (PSC) Goals

Sections 366.S0 through 366.S5, and 403.519, Florida Statutes (F.S.), are collectively known as the Florida Energy Efficiency and Conservation Act (FEECA). Section 366.82(2), (F.S.), requires the Florida PSC to adopt appropriate goals designed to increase the conservation of expensive resources, such as petroleum fuels, to reduce and control the growth rates of electric consumption and weather-sensitive peak demand.

In accordance with the FEECA sections noted above, JEA's goals were established in DOCKET NO. 080413-EG, ORDER NO. PSC-10-0198-FOF-EG, ISSUED: March 31, 2010.

DSM Plan 2010 - 2019

Pursuant to Sections 366.81 and 366.82, F.S., Rule 25-17.0021, Florida Administrative Code (F.A.C.), JEA petitioned the Florida PSC to approve the DSM plan filed on March 30, 2010. Subsequently, JEA's plan was approved on October 28, 2010 under docket number: 100157-EG.

DSM Reporting Requirements

In accordance with Section 366.82 (10), F.S., Rule 25-17.0021(5), F.A.C., each utility shall submit an annual report no later than March 1 of each year summarizing its DSM plan and the total actual achieved results for its approved DSM plan in the preceding calendar year.

2013 Total Actual Achieved Results

JEA met all PSC goals as established in DOCKET NO. 080413-EG, ORDER NO. PSC-10-0198-FOF-EG, ISSUED: March 31, 2010. The attached summary contains the relevant details.

As a not-for-profit, community-owned utility, JEA will continue to review and adjust its investment in energy and efficiency.

JEA's DSM FEECA Portfolio

JEA's FEECA portfolio consists of six (6) residential programs, four (4) commercial programs as described below.

A. Residential Programs

- <u>Residential Energy Audit Program</u> uses auditors to examine homes, educate customers and make recommendations on low-cost or no-cost energy-saving practices and measures.
- <u>Residential Energy Efficient Products</u> promotes the use of energy efficient lighting and other energy efficient products in homes by offering a financial incentive. JEA includes messaging concerning the proper disposal of bulbs containing mercury.
- <u>Green Built Homes of Florida</u> encourages the application of energy efficient construction and products in new homes by offering a financial incentive to builders and developers.
- **<u>Residential Solar Water Heating</u>** pays a financial incentive to customers to encourage the use of solar water heating technology.
- **<u>Residential Solar Net Metering</u>** promotes the use of solar photovoltaic systems by purchasing excessive power from residential customers implementing these systems.
- <u>Neighborhood Efficiency Program</u> offers education concerning the efficient use of energy & water as well as the direct installation of an array of energy & water efficient measures at no cost to income qualified customers.

B. Commercial Programs

- <u>Commercial Energy Audit Program</u> uses auditors to examine businesses, educate customers and make recommendations on low-cost or no-cost energysaving practices and measures.
- <u>Commercial Energy Efficient Products</u> promotes the use of energy efficient lighting and other energy efficient products in businesses by offering a financial incentive. JEA includes messaging concerning the proper disposal of bulbs containing mercury.
- <u>District Chilled Water Program</u> utilizes district chilled water to reduce energy costs, other operating costs as well as capital costs.
- **Commercial Solar Net Metering** promotes the use of solar photovoltaic systems by purchasing excessive power from commercial customers implementing these systems.

JEA

Comparison of Achieved kW and kWH Reductions with Annual Target Included in Public Service Commission Approved Goals Report Period: 2013

| | Residential | | | | | | | | | | |
|--------|--------------------------|-------------|------------|--------------------------|-------------|------------|----------------------|-------------|------------|--|--|
| | Winter Peak MW Reduction | | | Summer Peak MW Reduction | | | GWh Energy Reduction | | | | |
| | | Cumulative | | | Cumulative | | | Cumulative | | | |
| | Cumulative | Commission | | Cumulative | Commission | | Cumulative | Commission | | | |
| | Total | Approved | % | Total | Approved | % | Total | Approved | % | | |
| Year | <u>Achieved</u> | <u>Goal</u> | Variance** | <u>Achieved</u> | <u>Goal</u> | Variance** | <u>Achieved</u> | <u>Goal</u> | Variance** | | |
| 2010 * | 2.7 | 1.0 | 172% | 2.3 | 1.2 | 91% | 15.9 | 5.4 | 194% | | |
| 2011 * | 6.3 | 2.1 | 198% | 5.3 | 2.4 | 119% | 37.1 | 10.8 | 243% | | |
| 2012 | 9.4 | 3.1 | 205% | 7.8 | 3.6 | 117% | 56.3 | 16.1 | 250% | | |
| 2013 | 12.1 | 4.1 | 194% | 10.1 | 4.8 | 111% | 72.8 | 21.5 | 239% | | |
| 2014 | | 5.2 | | | 6.1 | | | 26.9 | | | |
| 2015 | | 6.2 | | | 7.3 | | | 32.3 | | | |
| 2016 | | 7.2 | | | 8.5 | | | 37.7 | | | |
| 2017 | | 8.2 | | | 9.7 | | | 43.0 | | | |
| 2018 | | 9.3 | | | 10.9 | | | 48.4 | | | |
| 2019 | | 10.3 | | | 12.1 | | | 53.8 | | | |

Commercial/Industrial

| | Winte | r Peak MW Red | uction | Summ | er Peak MW Re | duction | GWh Energy Reduction | | |
|--------|-----------------|---------------|------------|-----------------|---------------|------------|----------------------|-------------|------------|
| | | Cumulative | | | Cumulative | | | Cumulative | |
| | Cumulative | Commission | | Cumulative | Commission | | Cumulative | Commission | |
| | Total | Approved | % | Total | Approved | % | Total | Approved | % |
| Year | <u>Achieved</u> | Goal | Variance** | <u>Achieved</u> | <u>Goal</u> | Variance** | <u>Achieved</u> | <u>Goal</u> | Variance** |
| 2010 * | 1.2 | 0.4 | 205% | 0.9 | 0.6 | 53% | 11.1 | 10.1 | 10% |
| 2011 * | 3.3 | 0.8 | 315% | 2.4 | 1.3 | 84% | 30.2 | 20.3 | 49% |
| 2012 | 5.4 | 1.2 | 346% | 4.0 | 1.9 | 111% | 48.9 | 30.4 | 61% |
| 2013 | 7.1 | 1.6 | 341% | 5.2 | 2.6 | 101% | 64.5 | 40.6 | 59% |
| 2014 | | 2.0 | | | 3.2 | | | 50.7 | |
| 2015 | | 2.4 | | | 3.8 | | | 60.9 | |
| 2016 | | 2.8 | | | 4.5 | | | 71.0 | |
| 2017 | | 3.2 | | | 5.1 | | | 81.2 | |
| 2018 | | 3.6 | | | 5.8 | | | 91.3 | |
| 2019 | | 4.0 | | | 6.4 | | | 101.5 | |

* - 2010 and 2011 filing numbers have been corrected to more accurately reflect Energy Efficient Products savings per Dec. '12 phone discussion with Stephen Garl

** - Variance calculated based on unrounded values

| JEA | | | |
|---|--------------|------------------|-----------------------|
| Program Name:REA: Residential Energy AuditsProgram Start Date:1978Reporting Period:2013 | | | |
| a b c d e f | g | h | I |
| | | | Actual |
| Projected Projected Actual | Actual | Actual | Participation Over |
| Total Cumulative Cumulative Annual | Cumulative | Cumulative | (Under) |
| Total Number of Number of Penetration Number of | Number of | Penetration | Projected |
| Number of Eligible Program Level % Program | Program | Level % | Participants |
| Year Customers Customers Participants (d/cx100) Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 368,783 368,783 2,800 0.8% 4,112 | 4,112 | 1.1% | 1,312 |
| 2011 372,471 372,471 5,600 1.5% 4,906 | 9,018 | 2.4% | 3,418 |
| 2012 376,196 376,196 8,400 2.2% 3,337 | 12,355 | 3.3% | 3,955 |
| 2013 379,958 379,958 11,200 2.9% 3,644 | 15,999 | 4.2% | 4,799 |
| 2014 383,758 383,758 14,000 3.6% | | | |
| 2015 387,595 387,595 16,800 4.3% | | | |
| 2016 391,471 391,471 19,600 5.0% | | | |
| 2017 395,386 395,386 22,400 5.7% | | | |
| 2018 399,340 399,340 25,200 6.3% | | | |
| 2019 403,333 403,333 28,000 6.9% | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|--|---------|------------|---------------|------------|--|
| | @meter | | | @generator | |
| Summer kW Reduction | 0.100 | 0.104 | 364.4 | 379.3 | |
| Winter kW Reduction | 0.100 | 0.104 | 364.4 | 379.3 | |
| kWH Reduction | 200 | 208 | 728,800 | 758,681 | |
| | | | | | |

| Utility Cost per Installation | \$ 103 |
|---|---------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 374,603 |
| Net Benefits of Measures Installed During Reporting Period | \$ 13,697 |

| | | JEA | | | | | | |
|---|------------------|-------------------------------------|-------------------|------------------|----------------|--------------|------------------|-----------------------|
| Program Nan Program Star Reporting Pe | rt Date: | REEP: Reside 2007 2013 | ential Energy Eff | icient Products | | | | |
| а | b | С | d | е | f | g | h | I |
| | | | | | | | | Actual |
| | | | *Projected | Projected | Actual | Actual | Actual | Participation Over |
| | | *Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | *Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants** | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| ***2010 | 1,843,918 | 1,843,918 | 13,590 | 0.7% | 14,690 | 14,690 | 0.8% | 1,100 |
| ***2011 | 1,862,357 | 1,862,357 | 23,871 | 1.3% | 20,960 | 33,127 | 1.8% | 9,256 |
| 2012 | 1,880,981 | 1,880,981 | 34,152 | 1.8% | 18,902 | 54,552 | 2.9% | 20,400 |
| 2013 | 1,899,791 | 1,899,791 | 44,433 | 2.3% | 16,723 | 71,275 | 3.8% | 26,842 |
| 2014 | 1,918,789 | 1,918,789 | 54,714 | 2.9% | | | | |
| 2015 | 1,937,977 | 1,937,977 | 64,995 | 3.4% | | | | |
| 2016 | 1,957,356 | 1,957,356 | 75,276 | 3.8% | | | | |
| 2017 | 1,976,930 | 1,976,930 | 85,557 | 4.3% | | | | |
| 2018 | 1,996,699 | 1,996,699 | 95,838 | 4.8% | | | | |
| 2019 | 2,016,666 | 2,016,666 | 106,119 | 5.3% | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|--|---------|------------|---------------|------------|--|
| | @meter | @generator | @meter | @generator | |
| Summer kW Reduction | 0.066 | 0.069 | 1,114.1 | 1,159.8 | |
| Winter kW Reduction | 0.089 | 0.092 | 1,498.8 | 1,560.2 | |
| kWH Reduction | 789.8 | 822.2 | 13,208,074 | 13,749,605 | |

Utility Cost per Installation Total Program Cost of the Utility (Administration and Incentives)

Net Benefits of Measures Installed During Reporting Period

\$ 44 \$ 730,964 \$ (145,858)

*Customers & eligible participants are equivalent to the number of filed DSM measures per customer

** Participant counts are determined by taking savings values and dividing by the filed, deemed kWh savings per participant

***2010 and 2011 filing numbers have been corrected to more accurately reflect Energy Efficient Products savings per Dec. '12 phone discussion with Stephen Garl

| | | JEA | | | | | | |
|-------------------------------------|------------------|------------------------------------|----------------|-------------------|---------------------|----------------|-------------------|-----------------------|
| Program N Program S Reporting | Start Date: | GBHF: Green 2006 2013 | Built Homes of | Florida (Energy | y Star) (Residentia | al New Constru | ction) | |
| а | b | С | d | е | f | g | h | I |
| | | | | | | | | Actual |
| | | | Projected | *Projected | Actual | Actual | *Actual | Participation Over |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants** | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 | 368,783 | 3,688 | 350 | 9.5% | 363 | 363 | 9.8% | 13 |
| 2011 | 372,471 | 3,725 | 700 | 9.4% | 658 | 1021 | 17.7% | 321 |
| 2012 | 376,196 | 3,762 | 1,050 | 9.3% | 630 | 1651 | 16.7% | 601 |
| 2013 | 379,958 | 3,800 | 1,400 | 9.2% | 188 | 1839 | 4.9% | 439 |
| 2014 | 383,758 | 3,838 | 1,750 | 9.1% | | | | |
| 2015 | 387,595 | 3,876 | 2,100 | 9.0% | | | | |
| 2016 | 391,471 | 3,915 | 2,450 | 8.9% | | | | |
| 2017 | 395,386 | 3,954 | 2,800 | 8.9% | | | | |
| 2018 | 399,340 | 3,993 | 3,150 | 8.8% | | | | |
| 2019 | 403,333 | 4,033 | 3,500 | 8.7% | | | | |

| Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|----------------------------------|---------------------------------|------------|---------------|------------|--|
| | <u>@meter</u> <u>@generator</u> | | <u>@meter</u> | @generator | |
| Summer kW Reduction | 0.510 | 0.531 | 249.3 | 259.5 | |
| Winter kW Reduction | 0.750 | 0.781 | 168.4 | 175.3 | |
| kWH Reduction | 2,021 | 2,104 | 379,992 | 395,572 | |

| Utility Cost per Installation | \$ 395 |
|---|--------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 74,260 |
| Net Benefits of Measures Installed During Reporting Period | \$ 1,147 |

* Cumulative participation levels are not applicable where the target refreshes annually (i.e. new construction)

JEA RSWH: Residential Solar Water Heating 2002

Program Name:

| Program S Reporting | Start Date: | 2002 2013 | | | | | | | | | |
|------------------------|------------------|------------------|--------------|------------------|---------------|--------------|------------------|-----------------------|--|--|--|
| а | b | с | d | е | f | g | h | I | | | |
| | | | | | | | | Actual | | | |
| | | | Projected | Projected | Actual | Actual | Actual | Participation Over | | | |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) | | | |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected | | | |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants | | | |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> | | | |
| 2010 | 368,783 | 368,783 | 250 | 0.1% | 138 | 138 | 0.0% | (112) | | | |
| 2011 | 372,471 | 372,471 | 500 | 0.1% | 107 | 245 | 0.1% | (255) | | | |
| 2012 | 376,196 | 376,196 | 750 | 0.2% | 95 | 340 | 0.1% | (410) | | | |
| 2013 | 379,958 | 379,958 | 1,000 | 0.3% | 36 | 376 | 0.1% | (624) | | | |
| 2014 | 383,758 | 383,758 | 1,250 | 0.3% | | | | | | | |
| 2015 | 387,595 | 387,595 | 1,500 | 0.4% | | | | | | | |
| 2016 | 391,471 | 391,471 | 1,750 | 0.4% | | | | | | | |
| 2017 | 395,386 | 395,386 | 2,000 | 0.5% | | | | | | | |
| 2018 | 399,340 | 399,340 | 2,250 | 0.6% | | | | | | | |
| 2019 | 403,333 | 403,333 | 2,500 | 0.6% | | | | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|--|---------------------------------|------------|---------------|------------|--|
| | <u>@meter</u> <u>@generator</u> | | @meter | @generator | |
| Summer kW Reduction | 0.420 | 0.437 | 15.1 | 15.7 | |
| Winter kW Reduction | 0.475 | 0.494 | 25.2 | 26.2 | |
| kWH Reduction | 2,322 | 2,417 | 82,728 | 86,120 | |

| Utility Cost per Installation | \$ 1,000 |
|---|----------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 36,000 |
| Net Benefits of Measures Installed During Reporting Period | \$ (15,422) |

| Program Name: Program Start Date: Reporting Period:RSNM: Residential Solar Net Metering 2009 2013Solar Net Metering 2009 2013abcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcdefghIabcddefghIabcddefghIbffghhffffbfffghffffbffghhffffffghffghffffgffgffgf< | | | JEA | | | | | | |
|---|-----------|------------------|------------------|------------------|------------------|---------------|--------------|------------------|--------------|
| Year Customers Customers Participants (d/cx100) Participants Projected Actual Actual Actual Actual Projected Over Year Total Number of Number of Program Cumulative Number of Number of Projected Number of Number of Projected Number of Number of Projected Participants (d/cx100) (d/cx100) Participants (d/cx100) (g/cx100) (g/cx100) (g/cx100) (g/cx100) (g/cx100) <td< td=""><td>Program S</td><td>Start Date:</td><td>2009</td><td>ential Solar Net</td><td>Metering</td><td></td><td></td><td></td><td></td></td<> | Program S | Start Date: | 2009 | ential Solar Net | Metering | | | | |
| ProjectedProjectedActualActualActualActualParticipation OverTotalTotalCumulativeCumulativeAnnualCumulativeCumulativePenetrationNumber ofPenetrationProjectedProject | а | b | С | d | е | f | g | h | I |
| Total Cumulative Annual Cumulative Cumulative Number of Number of Program Program Cumulative Number of Program Level % Program Program Program Program Participants Q(Under) Projected Participants Year Customers Customers Participants (d/cx100) Participants* Participants Q(Q/cx100) (g/cx100) | | | | | | | | | Actual |
| Total Number of Number ofTotalCumulative Number ofCumulative PenetrationAnnual Number of ProgramCumulative Number of ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected Projected ProgramCumulative Projected Projected ProgramCumulative Projected ProgramCumulative Projected Projected Projected ProgramCumulative Projected Projected Projected Projected ProgramCumulative Projected Projected Projected ProgramCumulative Projected Projected Projected ProgramCumulative Projected Projected Projected ProgramCumulative Projected Projected Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected ProgramCumulative Projected Projected ProgramCumulative Projected Projected Projected Projected ProgramCumulative Projected Projected Projected Projected Projected ProgramCumulative Projected Projec | | | | Projected | Projected | Actual | Actual | Actual | |
| Number of YearEligible CustomersProgram ParticipantsLevel % ParticipantsProgram Participants*Program ParticipantsLevel % ParticipantsParticipants (g/cx100)Participants (g/cx10)Participants (g/cx10)Participants (g/cx1 | | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | |
| YearCustomersCustomersParticipants(d/cx100)Participants*Participants(g/cx100)(g-d)2010368,783368,783380.01%29290.01%(9)2011372,471372,471760.02%8370.01%(39)2012376,196376,1961140.03%25620.02%(52)2013379,958379,9581520.04%421040.03%(48)2014383,758383,7581900.05%5555552015387,595387,5952280.06%55555552016391,471391,4712660.07%555 <td></td> <td>Total</td> <td>Number of</td> <td>Number of</td> <td>Penetration</td> <td>Number of</td> <td>Number of</td> <td>Penetration</td> <td>Projected</td> | | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| 2010368,783368,783380.01%29290.01%(9)2011372,471372,471760.02%8370.01%(39)2012376,196376,1961140.03%25620.02%(52)2013379,958379,9581520.04%421040.03%(48)2014383,758383,7581900.05% | | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| 2011372,471372,471760.02%8370.01%(39)2012376,196376,1961140.03%25620.02%(52)2013379,958379,9581520.04%421040.03%(48)2014383,758383,7581900.05%2015387,595387,5952280.06%2016391,471391,4712660.07%2017395,386395,3863040.08%2018399,3403420.09% <td< td=""><td>Year</td><td>Customers</td><td>Customers</td><td>Participants</td><td><u>(d/cx100)</u></td><td>Participants*</td><td>Participants</td><td><u>(g/cx100)</u></td><td><u>(g-d)</u></td></td<> | Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2012376,196376,1961140.03%25620.02%(52)2013379,958379,9581520.04%421040.03%(48)2014383,758383,7581900.05% | 2010 | 368,783 | 368,783 | 38 | 0.01% | 29 | 29 | 0.01% | (9) |
| 2013379,958379,9581520.04%421040.03%(48)2014383,758383,7581900.05%1040.03%(48)2015387,595387,5952280.06%1041041041042016391,471391,4712660.07%1041041041041042017395,386395,3863040.08%1041041041041042018399,3403420.09%104104104104104104 | 2011 | 372,471 | 372,471 | 76 | 0.02% | 8 | 37 | 0.01% | (39) |
| 2014383,758383,7581900.05%2015387,595387,5952280.06%2016391,471391,4712660.07%2017395,386395,3863040.08%2018399,3403420.09% | 2012 | 376,196 | 376,196 | 114 | 0.03% | 25 | 62 | 0.02% | (52) |
| 2015387,595387,5952280.06%2016391,471391,4712660.07%2017395,386395,3863040.08%2018399,3403420.09% | 2013 | 379,958 | 379,958 | 152 | 0.04% | 42 | 104 | 0.03% | (48) |
| 2016391,471391,4712660.07%2017395,386395,3863040.08%2018399,3403420.09% | 2014 | 383,758 | 383,758 | 190 | 0.05% | | | | |
| 2017395,386395,3863040.08%2018399,3403420.09% | 2015 | 387,595 | 387,595 | 228 | 0.06% | | | | |
| 2018 399,340 399,340 342 0.09% | 2016 | 391,471 | 391,471 | 266 | 0.07% | | | | |
| | 2017 | 395,386 | 395,386 | 304 | 0.08% | | | | |
| 2019 403,333 403,333 380 0.09% | 2018 | 399,340 | 399,340 | 342 | 0.09% | | | | |
| | 2019 | 403,333 | 403,333 | 380 | 0.09% | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Progra | am Total |
|--|---------------|------------|---------------|------------|
| | <u>@meter</u> | @generator | <u>@meter</u> | @generator |
| Summer kW Reduction | 0.70 | 0.73 | 29.4 | 30.6 |
| Winter kW Reduction | 0.00 | 0.00 | 0.0 | 0.0 |
| kWH Reduction | 5,900 | 6,142 | 247,800 | 257,960 |

| Utility Cost per Installation | \$ | 260 |
|---|------|----------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ | 10,920 |
| Net Benefits of Measures Installed During Reporting Period | \$ (| 178,633) |

| | | JEA | | | | | | |
|-------------------------------------|------------------|-------------------------------------|----------------|------------------|---------------|--------------|------------------|-----------------------|
| Program N Program S Reporting | Start Date: | NEE: Neighbo 2008 2013 | rhood Energy E | fficiency | | | | |
| а | b | С | d | е | f | g | h | Ι |
| | | | | | | | | Actual |
| | | | Projected | Projected | Actual | Actual | Actual | Participation Over |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 | 368,783 | 110,635 | 1,350 | 1.2% | 1,564 | 1,564 | 1.4% | 214 |
| 2011 | 372,471 | 111,741 | 2,700 | 2.4% | 1,539 | 3,103 | 2.8% | 403 |
| 2012 | 376,196 | 112,859 | 4,050 | 3.6% | 1,534 | 4,637 | 4.1% | 587 |
| 2013 | 379,958 | 113,987 | 5,400 | 4.7% | 1,459 | 6,096 | 5.3% | 696 |
| 2014 | 383,758 | 115,127 | 6,750 | 5.9% | | | | |
| 2015 | 387,595 | 116,279 | 8,100 | 7.0% | | | | |
| 2016 | 391,471 | 117,441 | 9,450 | 8.0% | | | | |
| 2017 | 395,386 | 118,616 | 10,800 | 9.1% | | | | |
| 2018 | 399,340 | 119,802 | 12,150 | 10.1% | | | | |
| 2019 | 403,333 | 121,000 | 13,500 | 11.2% | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Progra | m Total |
|--|---------|------------|-----------|------------|
| | @meter | @generator | @meter | @generator |
| Summer kW Reduction | 0.359 | 0.374 | 455.0 | 473.6 |
| Winter kW Reduction | 0.359 | 0.374 | 455.0 | 473.6 |
| kWH Reduction | 817 | 850 | 1,191,969 | 1,240,840 |

| Utility Cost per Installation | \$ 199 |
|---|---------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 290,443 |
| Net Benefits of Measures Installed During Reporting Period | \$ 64,712 |

| | | JEA | | | | | | |
|---------------------------------|------------------|-----------------------------------|------------------|------------------|---------------|--------------|------------------|-----------------------|
| Program Program Reporting | Start Date: | CEA: Comme 1978 2013 | rcial Energy Auc | dits | | | | |
| а | b | С | d | е | f | g | h | I |
| | | | | | | | | Actual |
| | | | Projected | Projected | Actual | Actual | Actual | Participation Over |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | <u>Customers</u> | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 | 45,925 | 45,925 | 410 | 0.9% | 171 | 171 | 0.4% | (239) |
| 2011 | 46,383 | 46,383 | 820 | 1.8% | 34 | 205 | 0.4% | (615) |
| 2012 | 46,848 | 46,848 | 1,230 | 2.6% | 9 | 214 | 0.5% | (1,016) |
| 2013 | 47,316 | 47,316 | 1,640 | 3.5% | 5 | 219 | 0.5% | (1,421) |
| 2014 | 47,789 | 47,789 | 2,050 | 4.3% | | | | |
| 2015 | 48,267 | 48,267 | 2,460 | 5.1% | | | | |
| 2016 | 48,750 | 48,750 | 2,870 | 5.9% | | | | |
| 2017 | 49,237 | 49,237 | 3,280 | 6.7% | | | | |
| 2018 | 49,730 | 49,730 | 3,690 | 7.4% | | | | |

| Estimated Annual Demand and Energy Savings | Per In: | stallation | Program Total | | |
|---|---------|------------|---------------|------------|---|
| _ | @meter | @generator | @meter | @generator | - |
| Summer kW Reduction | 0.120 | 0.125 | 0.6 | 0.6 | |
| Winter kW Reduction | 0.120 | 0.125 | 0.6 | 0.6 | |
| kWH Reduction | 540 | 562 | 2,700 | 2,811 | |
| Utility Cost per Installation | | | | | ç |
| Total Program Cost of the Utility (Administration and Incentive | s) | | | | 9 |

8.2%

4,100

Net Benefits of Measures Installed During Reporting Period

50,227

2019

50,227

\$ 260 \$ 1,300 \$ 63

| | JEA |
|---------------------|--|
| Program Name: | CEEP: Commercial Energy Efficient Products |
| Program Start Date: | 2007 |
| Reporting Period: | 2013 |
| | |

| а | b | С | d | е | f | g | h | I |
|-------------|-----------|-----------|--------------|------------------|----------------|--------------|------------------|-----------------------|
| | | | | | | | | Actual |
| | | | *Projected | Projected | Actual | Actual | Actual | Participation Over |
| | | *Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | *Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| <u>Year</u> | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants** | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| ***2010 | 229,623 | 229,623 | 17,297 | 7.5% | 12,962 | 12,962 | 5.6% | (4,335) |
| ***2011 | 231,919 | 231,919 | 30,382 | 13.1% | 23,100 | 38,585 | 16.6% | 8,203 |
| 2012 | 234,238 | 234,238 | 40,663 | 17.4% | 21,675 | 57,737 | 24.6% | 17,074 |
| 2013 | 236,580 | 236,580 | 50,944 | 21.5% | 18,885 | 76,622 | 32.4% | 25,678 |
| 2014 | 238,946 | 238,946 | 61,225 | 25.6% | | | | |
| 2015 | 241,336 | 241,336 | 71,506 | 29.6% | | | | |
| 2016 | 243,749 | 243,749 | 81,787 | 33.6% | | | | |
| 2017 | 246,187 | 246,187 | 92,068 | 37.4% | | | | |
| 2018 | 248,648 | 248,648 | 102,349 | 41.2% | | | | |
| 2019 | 251,135 | 251,135 | 112,630 | 44.8% | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|--|---------------|------------|---------------|------------|--|
| | <u>@meter</u> | @generator | @meter | @generator | |
| Summer kW Reduction | 0.066 | 0.069 | 1,144.5 | 1,191.4 | |
| Winter kW Reduction | 0.089 | 0.092 | 1,642.9 | 1,710.3 | |
| kWH Reduction | 789.8 | 822.2 | 14,915,337 | 15,526,866 | |

| Utility Cost per Installation | \$ 44 |
|---|-----------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 825,462 |
| Net Benefits of Measures Installed During Reporting Period | \$ (164,714) |

*Customers & eligible participants are equivalent to the number of filed DSM measures per customer

** Participant counts are determined by taking savings values and dividing by the filed, deemed kWh savings per participant

***2010 and 2011 filing numbers have been corrected to more accurately reflect Energy Efficient Products savings per Dec. '12 phone discussion with Stephen Garl

| Program Na Program Sta Reporting P | art Date: | JEA DCW: District C 2002 2013 | chilled Water | | | | | |
|--|-----------|---|---------------|------------------|---------------|--------------|------------------|---------------|
| а | b | с | d | е | f | g | h | I |
| | | | | | | | | Actual |
| | | | Projected | Projected | Actual | Actual | Actual | Participation |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | Over (Under) |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 | 45,925 | 455 | 0 | 0.0% | 0 | 0 | 0.0% | 0 |
| 2011 | 40,400 | 400 | 0 | 0.0% | 0 | 0 | 0.0% | 0 |
| 2012 | 40,800 | 404 | 1 | 0.2% | 1 | 1 | 0.2% | 0 |
| 2013 | 41,200 | 408 | 0 | 0.0% | 0 | 1 | 0.2% | 1 |

0.0%

0.0%

0.0%

0.0%

0.0%

0.0%

| Estimated Annual Demand and Energy Savings | Per Ins | Per Installation | | am Total |
|--|---------|------------------|---------------|------------|
| | @meter | @generator | <u>@meter</u> | @generator |
| Summer kW Reduction | 240.0 | 249.8 | 0.0 | 0.0 |
| Winter kW Reduction | 72.0 | 75.0 | 0.0 | 0.0 |
| kWH Reduction | 840,000 | 874,440 | 0.0 | 0.0 |

0

0

0

0

0

0

2014

2015

2016

2017

2018

2019

41,600

42,000

42,400

42,800

43,200

43,600

412

416

420

424

428

432

| Utility Cost per Installation | \$ 282,000 |
|---|---------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ - |
| Net Benefits of Measures Installed During Reporting Period | \$ - |

| | | JEA | | | | | | |
|-------------------------------------|-------------|-----------------------------------|-------------------|------------------|---------------|--------------|------------------|-----------------------|
| Program N Program S Reporting | Start Date: | CSNM: Comm 2009 2013 | nercial Solar Net | Metering | | | | |
| а | b | С | d | е | f | g | h | I |
| | | | | | | | | Actual |
| | | | Projected | Projected | Actual | Actual | Actual | Participation Over |
| | | Total | Cumulative | Cumulative | Annual | Cumulative | Cumulative | (Under) |
| | Total | Number of | Number of | Penetration | Number of | Number of | Penetration | Projected |
| | Number of | Eligible | Program | Level % | Program | Program | Level % | Participants |
| Year | Customers | Customers | Participants | <u>(d/cx100)</u> | Participants* | Participants | <u>(g/cx100)</u> | <u>(g-d)</u> |
| 2010 | 45,925 | 45,925 | 8 | 0.02% | 5 | 5 | 0.01% | (3) |
| 2011 | 46,383 | 46,383 | 16 | 0.03% | 4 | 9 | 0.02% | (7) |
| 2012 | 46,848 | 46,848 | 24 | 0.05% | 0 | 9 | 0.02% | (15) |
| 2013 | 47,316 | 47,316 | 32 | 0.07% | 10 | 19 | 0.04% | (13) |
| 2014 | 47,789 | 47,789 | 40 | 0.08% | | | | |
| 2015 | 48,267 | 48,267 | 48 | 0.10% | | | | |
| 2016 | 48,750 | 48,750 | 56 | 0.11% | | | | |
| 2017 | 49,237 | 49,237 | 64 | 0.13% | | | | |
| 2018 | 49,730 | 49,730 | 72 | 0.14% | | | | |
| 2019 | 50,227 | 50,227 | 80 | 0.16% | | | | |

| Estimated Annual Demand and Energy Savings | Per Ins | stallation | Program Total | | |
|--|---------------|------------|---------------|------------|--|
| | <u>@meter</u> | @generator | <u>@meter</u> | @generator | |
| Summer kW Reduction | 1.50 | 1.562 | 15.0 | 15.6 | |
| Winter kW Reduction | 0.00 | 0.000 | 0.0 | 0.0 | |
| kWH Reduction | 10,000 | 10,410 | 100,000 | 104,100 | |

| Utility Cost per Installation | \$ 650 |
|---|----------------|
| Total Program Cost of the Utility (Administration and Incentives) | \$ 6,500 |
| Net Benefits of Measures Installed During Reporting Period | \$ (94,809) |