

State of Florida



# Public Service Commission

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**-M-E-M-O-R-A-N-D-U-M-**

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COMMISSION  
CLERK

**DATE:** November 20, 2009

**TO:** Office of Commission Clerk (Cole)

**FROM:** Division of Regulatory Analysis (Ballinger, Futrell, Harlow)  
Office of the General Counsel (Fleming, Saylor)

*TS MA RAA*  
*[Handwritten signatures]*

**RE:** Docket No. 080407-EG – Commission review of numeric conservation goals (Florida Power & Light Company).

Docket No. 080408-EG – Commission review of numeric conservation goals (Progress Energy Florida, Inc.).

Docket No. 080409-EG – Commission review of numeric conservation goals (Tampa Electric Company).

Docket No. 080410-EG – Commission review of numeric conservation goals (Gulf Power Company).

Docket No. 080411-EG – Commission review of numeric conservation goals (Florida Public Utilities Company).

Docket No. 080412-EG – Commission review of numeric conservation goals (Orlando Utilities Commission).

Docket No. 080413-EG – Commission review of numeric conservation goals (JEA).

**AGENDA:** 12/01/09 – Regular Agenda – Post-Hearing Decision – Participation is Limited to Commissioners and Staff

**COMMISSIONERS ASSIGNED:** All Commissioners

**PREHEARING OFFICER:** Carter

**CRITICAL DATES:** Pursuant to Section 366.82(6) F.S., the Commission must review conservation goals at least every five years. New conservation goals must be set by January 1, 2010.

**SPECIAL INSTRUCTIONS:** Supplemental Recommendation to Staff's October 15, 2009, Recommendation

**FILE NAME AND LOCATION:** S:\PSC\RAD\WP\080407.RCM.DOC

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

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### **Case Background**

At the November 10, 2009, Agenda Conference, the Commission directed staff to review Issues 2, 9, 10, and 11 to develop alternative DSM goals for each utility that are more robust. Staff has reviewed the record in this proceeding and is providing a supplemental recommendation with the documentation and rationale for selecting more aggressive DSM goals for each FEECA utility.

The overall charge for the Commission is to establish annual demand and energy goals for each FEECA utility for the next ten years. Therefore, staff would suggest that if the Commission decides to adopt this supplemental recommendation for establishing goals for the FEECA utilities, that the Commission vote on Issues 9, 10, and 15 before addressing the other issues in staff's October 15, 2009, recommendation. Pursuant to Rule 25-17.0021(2), F.A.C., the Commission may initiate a proceeding to modify the goals either on its own motion, by petition of a substantially affected person, or by a petition from a utility.

The Commission has jurisdiction over this matter pursuant to Sections 366.80 through 366.82, Florida Statutes (F.S.)

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**Staff Analysis**

The goals proposed by each utility rely upon the E-RIM Test. Staff’s October 15, 2009, recommendation proposed rejecting the goals proposed by all utilities for various reasons. The goals contained in staff’s October 15, 2009, recommendation were above E-RIM for FPL, FPUC, OUC, and JEA but below E-RIM values for PEF, TECO, and Gulf. At the November 10, 2009, Agenda Conference, the Commission directed staff to develop alternative DSM goals for each utility that are more robust than what each utility proposed. Staff has reviewed the record in this proceeding and recommends that the Commission approve goals based on the unconstrained E-TRC Test for FPL, PEF, TECO, Gulf, and FPUC. The unconstrained E-TRC test is cost-effective, from a system basis, and does not limit the amount of energy efficiency based on resource reliability needs. The E-TRC test includes cost estimates for future greenhouse gas emissions, but does not include utility lost revenues or customer incentive payments. As such, the E-TRC values are higher than the utility proposed E-RIM values. OUC, and JEA proposed goals of zero yet committed to continue their current DSM program offerings. Staff’s recommendation is to set goals for OUC and JEA based on their current programs so as not to unduly increase rates.

**Numeric Goals** (Issues 9 and 10 from 10/15/09 recommendation)

Attachment 1 contains the full range of options available to the Commission. Also included in Attachment 1 are estimates of the lost revenue impact in both basis points and total dollars for each alternative. Attachment 2 contains the annual residential and commercial/industrial goals for each utility based on the supplemental recommendation. A comparison of each utility’s ten year (2019) proposed goal, staff’s October 15, 2009, recommendation, and staff’s supplemental recommendation for summer demand, winter demand, and annual energy savings goals is summarized below.

<b>2019 Summer Demand Goals (MW)</b>			
	<b>Utility Proposal (E-RIM)</b>	<b>Staff (10/15) (2009 TYSP)</b>	<b>Staff Supplement (E-TRC)</b>
<b>FPL</b>	607	1,185	1,073
<b>PEF</b>	521	430	744
<b>TECO</b>	82	98	119
<b>Gulf</b>	69	84	88
<b>FPUC</b>	0	2	4
<b>OUC</b>	0	12	12
<b>JEA</b>	0	44	44

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<b>2019 Winter Demand Goals (MW)</b>			
	<b>Utility Proposal (E-RIM)</b>	<b>Staff (10/15) (2009 TYSP)</b>	<b>Staff Supplement (E-TRC)</b>
<b>FPL</b>	338	785	482
<b>PEF</b>	560	687	882
<b>TECO</b>	41	103	73
<b>Gulf</b>	46	185	70
<b>FPUC</b>	0	3	2
<b>OUC</b>	0	9	9
<b>JEA</b>	0	30	30

<b>2019 Annual Energy Goals (GWH)</b>			
	<b>Utility Proposal (E-RIM)</b>	<b>Staff (10/15) (2009 TYSP)</b>	<b>Staff Supplement (E-TRC)</b>
<b>FPL</b>	878	1,549	2,177
<b>PEF</b>	614	452	1,585
<b>TECO</b>	202	121	310
<b>Gulf</b>	159	158	252
<b>FPUC</b>	0	6	13
<b>OUC</b>	0	36	36
<b>JEA</b>	0	290	290

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Goals based on the E-TRC Test include the effect of each utility's estimates of future carbon costs which tends to increase the number of energy saving measures that would be cost-effective. As discussed in Issue 5 of staff's October 15, 2009, recommendation, the values assumed for future carbon costs are not required pursuant to Section 366.82(3)(d), F.S., because green house gas emission legislation has not been adopted by either Congress or the Florida Legislature. In addition, utility cost estimates vary by over 100 percent among the four large investor-owned utilities. The E-TRC Test also includes the equipment and administrative costs associated with the program, but does not include utility incentive payments which must be recovered from the general body of ratepayers through the ECCR clause. While moving from an E-RIM to an E-TRC Test is cost-effective from a system wide analysis, such a policy decision may result in subsidization by non-participating customers. Any increase in the amount of DSM programs offered by utilities will result in immediate increases in rates to all customers through the ECCR clause when additional customer incentives are included. In addition, the lost revenues associated with additional energy efficiency measures would increase the potential for base rate increases in the near future. The record in this proceeding indicates that the majority of measures that passed the E-TRC Test but failed the E-RIM Test were commercial/industrial measures suggesting that residential customers may be subsidizing commercial/industrial customers. If the Commission establishes goals based on the E-TRC Test, then utilities should be directed to file a mix of residential and commercial/industrial programs that would minimize this subsidization.

FPL proposed goals that were constrained at the utility's resource needs over the ten-year analysis period. Therefore, FPL's proposed E-RIM and E-TRC values are the same. Staff is recommending an unconstrained E-TRC value which, while cost-effective on a system basis, may result in FPL delaying the construction of some natural gas-fired power plants that have already been certified and may be under construction. The cost of delaying the construction of these units was not included in any analysis provided in this proceeding. The unconstrained goal should not materially affect the timing of the Turkey Point nuclear units since their in-service dates are 2018 and 2020.

**Two-Year Payback** (Issues 2, 9, and 10 from 10/15/09 recommendation)

As discussed in Issues 2 and 9 of the October 15, 2009, recommendation, staff believes that the most cost-effective way to capture savings associated with measures that have a two-year pay-back is through expanded education programs. At the November 10, 2009, Agenda Conference, staff was directed to evaluate the feasibility of including such measures as part of the utilities' numeric goals. If the Commission desires to include additional measures that have a quick customer pay-back, staff would propose two alternatives in addition to the unconstrained E-TRC recommendation above.

As shown in Attachment 1, the top ten measures with a two-year or less pay-back are a mix of residential and commercial measures. Such measures are ranked in terms of energy savings.

- 1) The first option would be to include only the residential measures which include compact fluorescent lighting, proper refrigerant charging for A/C systems, proper sizing of A/C systems, duct sealing, efficient pool pump motors, and window

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ting. Such an option would be consistent with witness Spellman's recommendation to include only residential free riders and would mitigate some cost shifting.

- 2) The second option would be to include the total top ten list of residential and commercial/industrial measures. If the Commission decides to include such measures, staff would recommend that annual values be calculated as equal increments since only cumulative values were included in the record.

### **Utility Incentives** (Issue 6 from 10/15/09 recommendation)

Section 366.82(9), F.S., states:

The Commission is authorized to allow an investor-owned electric utility an additional return on equity of up to 50 basis points for exceeding 20 percent of their annual load-growth through energy efficiency and conservation measures. The additional return on equity shall be established by the commission through a limited proceeding.

As discussed in Issue 6 of staff's October 15, 2009, recommendation, all parties agreed that any additional utility incentives should be addressed in a limited scope proceeding as provided for in Section 366.82(9), F.S. As such, there are no specific incentive mechanism proposals included in the record of this proceeding.

While not specifically discussed as an option at the hearing, staff has included such values in accordance with the above mentioned Statute, where available, as part of Attachment 1 for comparative purposes. The calculations are based on load growth estimates as of January 1, 2009, which are contained in each utility's Ten-Year Site Plan.

### **Solar Programs** (Issue 11 from 10/15 recommendation)

At the November 10, 2009, Agenda Conference, the Commission discussed whether to establish separate goals for demand-side renewable systems pursuant to Issue 11 of staff's October 15, 2009, recommendation. The utilities and FIPUG state that a goal should not be established as demand-side renewable measures are not cost-effective under any of the three cost-effectiveness tests. The Florida Solar Coalition (FSC) and staff recommend the Commission can meet the requirements of Section 366.82(2), F.S., by requiring the utilities to establish programs focusing on solar energy systems.

In the October 15, 2009, recommendation staff recommends the Commission authorize the investor-owned utilities to spend up to 5 percent of historic ECCR expenditures as an annual cap for solar water heating and solar photovoltaic pilot programs. This level of expenditures by the IOUs, approximately \$12 million per year, would closely match the 2009/2010 funding level established by the Legislature for the solar rebate program administered by the Florida Energy and Climate Commission (FECC). If in the future the FECC program is maintained at the current budget level, the IOU programs will result in an increase in solar installations and market

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development. If funding for the FECC program is reduced, the IOU programs at a minimum will maintain the momentum for solar established by the FECC program. The level of funding recommended by staff provides a balance between the Legislature's intent to promote renewable technologies while minimizing the impact to customers' rates.

The Commission has the latitude to select an amount above or below staff's recommendation. If the Commission wishes to ensure an increase in funding for solar in the state, the Commission would need to select an amount above staff's recommendation, such as the 10 percent ECCR expenditure level suggested by GDS Associates.

The values from the table that was included on page 73 of staff's October 15, 2009, recommendation are shown below:

Utility	GDS Annual Expenses	GDS Bill Impact (\$/month) (10%)	FSC Annual Expenses	FSC Bill Impact (\$/month)	Staff Recommended Annual Expenses (5%)	Staff Bill Impact (\$/month)
<b>FPL</b>	\$15,536,870	\$0.18	\$113,000,000	\$1.28	\$7,768,435	\$0.09
<b>Gulf</b>	\$900,338	\$0.09	\$10,800,000	\$1.09	\$450,169	\$0.05
<b>PEF</b>	\$6,467,592	\$0.19	\$40,000,000	\$1.18	\$3,233,796	\$0.10
<b>TECO</b>	\$1,531,018	\$0.10	\$19,800,000	\$1.28	\$765,509	\$0.05
<b>FPUC</b>	\$47,233	\$0.07	\$0	\$0.00	\$23,616	\$0.04
<b>Total</b>	\$24,483,051		\$183,600,000		\$12,241,525	

GDS = PSC Staff witness  
 FSC = Florida Solar Coalition

Attachment 1 contains a range of options for the Commission to consider, including the positions of the intervenors. Below are some descriptions of the column headings:

**RIM** – Savings based on Rate Impact Measure test (calculated by staff)

**TRC** – Savings based on total Resource Cost test (calculated by staff)

**E-RIM** - Savings based on Rate Impact Measure test including estimated cost of carbon emissions (utility proposal)

**E-TRC** - Savings based on Total Resource Cost test including estimated cost of carbon emissions (provided by utility)

**E-TRC + Top 10 Res** - Savings based on Total Resource Cost test including estimated cost of carbon emissions (provided by utility) + estimates of top ten residential free rider measures (calculated by staff)

**E-TRC + Top 10 Total** - Savings based on Total Resource Cost test including estimated cost of carbon emissions (provided by utility) + estimates of total top ten residential and commercial/industrial free rider measures (calculated by staff)

**FSC** – Goals proposed by Florida Solar Coalition

**NRDC** – Goals proposed by NRDC/SACE

**20 percent load Growth** – Value shown for comparative purposes (calculated by staff)

<b>FPL TOTAL DSM GOALS (unconstrained by resource needs)</b>									
	RIM	TRC	E-RIM	E-TRC	E-TRC + (Top 10 Res.)	E-TRC + (Top 10 Total)	FSC	NRDC	20% Load Growth
<b>SUM. (MW)</b>	N/A	N/A	888	1,073	1,498	1,806	2,716	2,460	884
<b>WIN. (MW)</b>	N/A	N/A	344	482	605	753	1,373	2,197	598
<b>ENERGY (GWH)</b>	N/A	N/A	1,700	2,177	3,082	4,733	4,233	10,797	4,900
<b>REVENUE IMPACT (Basis points)</b>	N/A	N/A	76	98	138	212	190	484	220
<b>REVENUE IMPACT (\$ millions)</b>	N/A	N/A	99	127	180	276	246	629	285

<b>FPL Top Ten Free Riders Based on Energy Savings (EXH 4)</b>				
Customer Type	Measure Name	Summer Demand (MW)	Winter Demand (MW)	Annual Energy (GWH)
Residential	Proper refrigerant charging and air flow	156	0	377
Residential	Electronically commutated motors on Air Handlers	87	136	249
Residential	Default window with sunscreen	137	-13	170
Residential	Proper refrigerant charging and air flow	45	0	109
<b>SUBTOTAL</b>		<b>425</b>	<b>123</b>	<b>905</b>
Commercial/Industrial	CFL Screw-in 18W	111	63	602
Commercial/Industrial	Premium T8, Electronic Ballast	73	48	407
Commercial/Industrial	CFL Hardwired, Modular 18 W	37	21	201
Commercial/Industrial	Aerosole Duct Sealing- GSD/GSLD	30	0	154
Commercial/Industrial	Aerosole Duct Sealing- GS	32	0	150
Commercial/Industrial	Premium T8, EB, reflector	25	16	137
<b>TOTAL</b>		<b>733</b>	<b>271</b>	<b>2,556</b>

<b>FPL TOTAL DSM GOALS (constrained by resource needs)</b>									
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	547	599	607	607	1,032	1,340	2,716	2,460	884
<b>WIN. (MW)</b>	N/A	N/A	338	338	461	609	1,373	2,197	598
<b>ENERGY (GWH)</b>	695	863	878	878	1,783	3,434	4,233	10,797	4,900
<b>REVENUE IMPACT (Basis points)</b>	31	39	39	39	80	154	190	484	220
<b>REVENUE IMPACT (\$ millions)</b>	41	50	51	51	104	200	250	630	285

<b>FPL Top Ten Free Riders Based on Energy Savings (EXH 4)</b>				
<b>Customer Type</b>	<b>Measure Name</b>	<b>Summer Demand (MW)</b>	<b>Winter Demand (MW)</b>	<b>Annual Energy (GWH)</b>
Residential	Proper refrigerant charging and air flow	156	0	377
Residential	Electronically commutated motors on Air Handlers	87	136	249
Residential	Default window with sunscreen	137	-13	170
Residential	Proper refrigerant charging and air flow	45	0	109
<b>SUBTOTAL</b>		<b>425</b>	<b>123</b>	<b>905</b>
Commercial/Industrial	CFL Screw-in 18W	111	63	602
Commercial/Industrial	Premium T8, Electronic Ballast	73	48	407
Commercial/Industrial	CFL Hardwired, Modular 18 W	37	21	201
Commercial/Industrial	Aerosole Duct Sealing- GSD/GSLD	30	0	154
Commercial/Industrial	Aerosole Duct Sealing- GS	32	0	150
Commercial/Industrial	Premium T8, EB, reflector	25	16	137
<b>TOTAL</b>		<b>733</b>	<b>271</b>	<b>2,556</b>

<b>PEF TOTAL DSM GOALS</b>									
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	359	726	521	744	1,183	1,308	1,047	1,431	391
<b>WIN. (MW)</b>	453	833	560	882	1,072	1,143	1,097	1,318	390
<b>ENERGY (GWH)</b>	422	1,495	614	1,585	3,488	4,133	3,498	3,772	1,703
<b>REVENUE IMPACT (Basis points)</b>	47	167	69	178	391	463	392	422	191
<b>REVENUE IMPACT (\$ millions)</b>	25	87	36	92	203	241	204	220	99

<b>PEF Top Ten Free Riders Based on Energy Savings (EXH 4)</b>				
<b>Customer Type</b>	<b>Measure Name</b>	<b>Summer Demand (MW)</b>	<b>Winter Demand (MW)</b>	<b>Annual Energy (GWH)</b>
Residential	CFL (18-watt integral ballast)	36	51	681
Residential	High efficiency one speed pool pump	45	9	212
Residential	Two speed pool pump	45	9	210
Residential	Proper refrigerant charging and air flow	77	0	202
Residential	Electronically commutated motors on Air Handlers	58	110	182
Residential	Default window with sunscreen	121	-18	161
Residential	Water heater blanket	10	29	133
Residential	A/C maintenance (outdoor coil cleaning)	47	0	122
<b>SUBTOTAL</b>		<b>439</b>	<b>190</b>	<b>1903</b>
Commercial	CFL screw-in 18 watt	78	43	402
Commercial	Premium T8, electronic ballast	47	28	243
<b>TOTAL</b>		<b>564</b>	<b>261</b>	<b>2548</b>

<b>TECO TOTAL DSM GOALS</b>									
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	25	89	82	119	138	183	464	485	156
<b>WIN. (MW)</b>	21	66	41	73	109	125	308	524	166
<b>ENERGY (GWH)</b>	105	253	202	310	360	603	1,292	2,022	724
<b>REVENUE IMPACT (Basis points)</b>	23	55	44	67	78	130	279	436	156
<b>REVENUE IMPACT (\$ millions)</b>	6	15	12	18	21	35	75	118	42

<b>TECO Top Ten Free Riders Based on Energy Savings (EXH 4)</b>				
<b>Customer Type</b>	<b>Measure Name</b>	<b>Summer Demand (MW)</b>	<b>Winter Demand (MW)</b>	<b>Annual Energy (GWH)</b>
Residential	Electronically commutated motors on Air Handlers	19	36	50
<b>SUBTOTAL</b>		<b>19</b>	<b>36</b>	<b>50</b>
Commercial/Industrial	Premium T8, electronic ballast	8	5	43
Commercial/Industrial	Separate makeup air exhaust hood	5	1	35
Commercial/Industrial	Premium T8, electronic ballast	6	3	33
Commercial/Industrial	Premium T8, electronic ballast	7	3	33
Commercial/Industrial	Aerosole Duct Sealing	5	0	24
Commercial/Industrial	Heat recovery unit	3	1	20
Commercial/Industrial	PSMH, 250W, magnetic ballast	4	2	19
Commercial/Industrial	Aerosole Duct Sealing	4	0	18
Commercial/Industrial	PSMH, 250W, magnetic ballast	3	1	18
<b>TOTAL</b>		<b>64</b>	<b>52</b>	<b>293</b>

<b>Gulf TOTAL DSM GOALS</b>									
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	65	88	69	88	144	157	223	336	147
<b>WIN. (MW)</b>	31	67	46	71	111	119	159	323	166
<b>ENERGY (GWH)</b>	105	236	159	252	574	639	892	1,357	739
<b>REVENUE IMPACT (Basis points)</b>	61	137	93	147	334	372	520	790	430
<b>REVENUE IMPACT (\$ millions)</b>	6	14	9	15	33	37	52	79	43

<b>Gulf Top Ten Free Riders Based on Energy Savings (EXH 4)</b>				
<b>Customer Type</b>	<b>Measure Name</b>	<b>Summer Demand (MW)</b>	<b>Winter Demand (MW)</b>	<b>Annual Energy (GWH)</b>
Residential	CFL (18-watt integral ballast) 2.5 hr/day	5	6	87
Residential	CFL (18-watt integral ballast) 6.0 hr/day	2	3	47
Residential	Electronically commutated motors on Air Handlers	13	25	42
Residential	High efficiency one speed pool pump	8	2	36
Residential	Two speed pool pump	8	2	35
Residential	CFL (18-watt integral ballast) 2.5 hr/day	2	2	29
Residential	A/C maintenance (outdoor coil cleaning)	9	0	23
Residential	Proper refrigerant charging and air flow	9	0	23
<b>SUBTOTAL</b>		<b>56</b>	<b>40</b>	<b>322</b>
Commercial	CFL Screw-in 18W	7	4	34
Commercial	Premium T8, electronic ballast	6	4	31
<b>TOTAL</b>		<b>69</b>	<b>48</b>	<b>387</b>

<b>FPUC TOTAL DSM GOALS</b>									
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	0	0	0	3	N/A	N/A	11	0	N/A
<b>WIN. (MW)</b>	0	0	0	1	N/A	N/A	9	0	N/A
<b>ENERGY (GWH)</b>	0	0	0	13	N/A	N/A	49	0	N/A
<b>REVENUE IMPACT (Basis points)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>REVENUE IMPACT (\$ millions)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<b>OUC TOTAL DSM GOALS</b>										
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>Staff (10/15)</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	0	0	0	79	12	N/A	N/A	109	139	N/A
<b>WIN. (MW)</b>	0	0	0	22	9	N/A	N/A	7	149	N/A
<b>ENERGY (GWH)</b>	0	0	0	2	36	N/A	N/A	351	646	N/A
<b>REVENUE IMPACT (Basis points)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>REVENUE IMPACT (\$ millions)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: N/A (Not Available from Record)

<b>JEA TOTAL DSM GOALS</b>										
	<b>RIM</b>	<b>TRC</b>	<b>E-RIM</b>	<b>E-TRC</b>	<b>Staff (10/15)</b>	<b>E-TRC + (Top 10 Res.)</b>	<b>E-TRC + (Top 10 Total)</b>	<b>FSC</b>	<b>NRDC</b>	<b>20% Load Growth</b>
<b>SUM. (MW)</b>	0	0	0	0	44	N/A	N/A	254	305	N/A
<b>WIN. (MW)</b>	0	0	0	0	30	N/A	N/A	30	306	N/A
<b>ENERGY (GWH)</b>	0	0	0	0	290	N/A	N/A	884	1,333	N/A
<b>REVENUE IMPACT (Basis points)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>REVENUE IMPACT (\$ millions)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: N/A (Not Available from Record)

Docket Nos. 080407-EG, 080408-EG, 080409-EG,  
080410-EG, 080411-EG, 080412-EG, 080413-EG  
Date: November 20, 2009

ATTACHMENT 2  
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Attachment 2 contains each party's proposed annual goals separated by residential and commercial/industrial customers compared to staff's October 15, 2009, recommendation and the staff's November 20, 2009, supplemental recommendation (E-TRC).

	Summer MW					Winter MW					Annual GWh				
	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	26.6	94.8	51.0	64.0	25.2	24.6	66.2	57.0	41.0	20.9	33.1	212.0	170.0	94.0	29.1
2011	26.6	95.2	105.0	68.0	37.2	24.6	66.6	119.0	49.0	30.1	33.1	213.2	347.0	98.0	55.3
2012	26.3	98.4	164.0	71.0	47.7	24.7	68.6	188.0	51.0	38.0	32.8	220.0	532.0	100.0	78.3
2013	26.2	99.7	166.0	75.0	56.0	24.7	69.7	192.0	52.0	44.0	32.7	223.2	530.0	105.0	96.2
2014	26.2	110.8	200.0	79.0	61.8	24.7	77.4	225.0	54.0	47.9	32.7	247.8	534.0	108.0	109.5
2015	26.2	223.3	194.0	82.0	58.2	24.7	156.0	228.0	58.0	43.6	32.7	499.6	541.0	107.0	102.5
2016	26.2	236.6	203.0	81.0	53.4	24.7	165.2	231.0	58.0	39.0	32.7	529.4	563.0	108.0	92.9
2017	26.2	245.5	213.0	82.0	48.9	24.7	171.6	240.0	58.0	34.7	32.7	549.4	580.0	108.0	83.7
2018	26.2	265.7	228.0	27.0	44.9	24.7	185.6	252.0	53.0	30.9	32.7	594.6	617.0	108.0	75.9
2019	26.6	277.3	268.0	69.9	40.8	24.6	193.7	295.0	52.7	27.1	33.1	620.3	637.0	104.0	67.0
<b>Total</b>	<b>263.3</b>	<b>1747.3</b>	<b>1792.0</b>	<b>698.9</b>	<b>474.0</b>	<b>246.7</b>	<b>1220.6</b>	<b>2027.0</b>	<b>526.7</b>	<b>356.0</b>	<b>328.3</b>	<b>3909.5</b>	<b>5051.0</b>	<b>1040.0</b>	<b>790.3</b>

E-TRC Source: EXH 30

**Proposed Commercial/Industrial NRDC Conservation Goals for FPL**

	Summer MW					Winter MW					Annual GWh				
	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPL	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	33.4	52.5	19.0	58.0	42.7	8.5	8.3	5.0	48.0	8.1	41.0	175.3	162.0	49.0	84.7
2011	33.4	52.8	39.0	49.0	62.5	8.5	8.3	10.0	20.0	9.9	41.4	176.2	341.0	52.0	149.4
2012	33.7	54.5	61.0	50.0	76.3	8.5	8.6	16.0	22.0	11.6	44.2	181.8	540.0	54.0	191.5
2013	33.8	55.3	62.0	51.0	81.3	8.6	8.7	16.0	22.0	13.1	45.2	184.5	554.0	58.0	202.7
2014	33.8	61.4	74.0	53.0	79.3	8.9	9.6	19.0	24.0	14.4	53.9	204.8	601.0	61.0	194.1
2015	33.8	123.7	73.0	52.0	71.5	9.0	19.5	19.0	24.0	15.1	54.6	413.0	626.0	60.0	167.5
2016	34.3	131.1	75.0	53.0	60.0	9.2	20.7	19.0	25.0	15.0	59.8	437.5	666.0	61.0	134.2
2017	34.7	136.1	80.0	53.0	48.7	9.6	21.4	20.0	24.0	14.1	63.3	454.1	700.0	61.0	104.8
2018	35.8	147.3	85.0	18.0	41.3	10.1	23.2	21.0	23.0	13.2	71.2	491.5	756.0	2.0	86.9
2019	36.6	153.6	100.0	48.6	35.0	10.2	24.2	25.0	25.8	12.0	75.3	512.8	800.0	50.9	71.0
<b>Total</b>	<b>343.3</b>	<b>968.3</b>	<b>668.0</b>	<b>485.6</b>	<b>598.7</b>	<b>91.1</b>	<b>152.5</b>	<b>170.0</b>	<b>257.8</b>	<b>126.3</b>	<b>549.9</b>	<b>3,231.5</b>	<b>5,746.0</b>	<b>508.9</b>	<b>1,386.7</b>

E-TRC Source: EXH 30

**Proposed Residential Conservation Goals for PEF**

	Summer MW					Winter MW					Annual GWh				
	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	24.6	42.2	28.0	33.0	40.6	37.7	57.4	39.0	61.0	63.7	40.2	129.3	65.0	30.0	99.6
2011	25.9	42.5	58.0	36.0	42.5	41.6	57.8	82.0	60.0	69.2	42.7	130.0	135.0	30.0	105.6
2012	27.9	43.8	91.0	37.0	45.5	43.2	59.6	130.0	62.0	73.2	46.3	134.2	215.0	30.0	114.7
2013	29.3	44.4	96.0	36.0	47.5	44.3	60.5	136.0	62.0	75.9	48.8	136.1	221.0	30.0	120.7
2014	30.6	49.4	196.0	34.0	49.4	45.4	67.1	128.0	61.0	78.6	51.2	151.1	225.0	30.0	126.8
2015	33.3	99.4	129.0	23.0	54.8	45.9	135.4	144.0	57.0	83.3	57.8	304.7	223.0	27.0	147.9
2016	43.3	105.4	132.0	25.0	63.3	58.5	143.4	146.0	46.0	94.1	54.9	322.8	234.0	27.0	135.8
2017	42.6	109.4	137.0	21.0	62.9	58.3	148.8	154.0	44.0	93.5	54.4	335.0	255.0	26.0	129.8
2018	39.2	118.4	141.0	19.0	57.4	55.2	161.1	158.0	42.0	86.0	47.5	362.6	267.0	25.0	117.7
2019	26.1	123.5	164.0	29.0	42.9	33.1	168.1	164.0	55.0	61.5	43.9	378.3	279.0	28.0	108.6
<b>Total</b>	<b>322.8</b>	<b>778.4</b>	<b>1172.0</b>	<b>293.0</b>	<b>506.6</b>	<b>463.2</b>	<b>1059.2</b>	<b>1281.0</b>	<b>550.0</b>	<b>779.1</b>	<b>487.5</b>	<b>2384.1</b>	<b>2119.0</b>	<b>283.0</b>	<b>1207.1</b>

E-TRC Source: EXH 2, BPS 146

**Proposed Commercial/Industrial Conservation Goals for PEF**

	Summer MW					Winter MW					Annual GWh				
	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	PEF	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	8.8	14.6	8.0	22.0	13.7	4.7	2.0	1.0	29.0	5.3	10.4	60.4	52.0	18.0	31.1
2011	11.6	14.7	16.0	18.0	16.2	4.8	2.1	3.0	17.0	5.3	11.1	60.7	112.0	18.0	33.0
2012	21.5	15.1	26.0	20.0	25.5	10.8	2.1	3.0	17.0	11.4	12.0	62.7	172.0	18.0	35.9
2013	22.5	15.3	27.0	18.0	25.9	10.8	2.1	4.0	17.0	11.5	12.6	63.6	183.0	18.0	37.7
2014	23.3	17.1	27.0	18.0	26.4	10.9	2.4	4.0	17.0	11.5	13.3	70.6	180.0	18.0	39.6
2015	23.5	34.4	28.0	7.0	27.6	11.0	4.8	4.0	16.0	11.7	15.0	142.3	177.0	16.0	46.2
2016	24.0	36.4	29.0	7.0	27.1	10.9	5.1	4.0	6.0	11.6	14.2	150.8	177.0	16.0	42.5
2017	23.0	37.8	30.0	7.0	27.0	10.9	5.2	5.0	6.0	11.6	14.1	156.4	194.0	15.0	40.6
2018	21.5	40.9	32.0	6.0	25.7	10.8	5.7	4.0	6.0	11.4	12.3	169.4	200.0	15.0	36.8
2019	18.2	42.7	36.0	14.0	22.3	10.8	6.0	5.0	6.0	11.3	11.4	176.7	206.0	17.0	34.0
<b>Total</b>	<b>197.8</b>	<b>269.0</b>	<b>259.0</b>	<b>137.0</b>	<b>237.3</b>	<b>96.4</b>	<b>37.5</b>	<b>37.0</b>	<b>137.0</b>	<b>102.6</b>	<b>126.3</b>	<b>1113.6</b>	<b>1653.0</b>	<b>169.0</b>	<b>377.4</b>

E-TRC Source: EXH 2, BPS 146

**Proposed Residential Conservation Goals for TECO**

	Summer MW					Winter MW					Annual GWh				
	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	1.4	18.1	12.0	5.0	2.7	1.2	15.4	16.0	5.0	2.8	1.9	38.4	31.0	7.0	4.8
2011	2.1	18.1	25.0	5.0	4.7	1.9	15.4	33.0	6.0	4.9	3.6	38.6	64.0	8.0	9.0
2012	2.9	18.7	38.0	6.0	6.5	2.4	16.0	50.0	7.0	6.6	5.0	39.8	100.0	7.0	12.7
2013	3.5	19.0	39.0	6.0	8.0	3.0	16.2	52.0	7.0	7.9	6.3	40.4	104.0	7.0	15.6
2014	4.0	21.1	41.0	6.0	8.9	3.5	18.0	53.0	8.0	8.6	7.2	44.8	110.0	7.0	17.6
2015	4.3	42.6	43.0	7.0	9.0	3.5	36.2	57.0	7.0	8.0	7.7	90.4	115.0	7.0	18.0
2016	4.3	45.0	44.0	5.0	7.9	3.7	38.4	58.0	7.0	6.5	7.9	95.9	121.0	6.0	16.3
2017	3.9	46.8	43.0	7.0	7.1	3.4	39.8	61.0	7.0	5.2	7.2	99.4	128.0	6.0	14.4
2018	3.7	50.6	48.0	5.0	6.4	3.1	43.1	57.0	7.0	4.4	6.5	107.6	134.0	7.0	13.3
2019	3.2	52.8	50.0	5.0	5.9	2.8	45.0	58.0	7.0	3.8	5.7	112.3	141.0	7.0	12.3
<b>Total</b>	<b>33.3</b>	<b>332.8</b>	<b>383.0</b>	<b>57.0</b>	<b>67.1</b>	<b>28.5</b>	<b>283.5</b>	<b>495.0</b>	<b>68.0</b>	<b>58.7</b>	<b>59.0</b>	<b>707.6</b>	<b>1048.0</b>	<b>69.0</b>	<b>134.0</b>

E-TRC Source: EXH 2, BPS 246

**Proposed Commercial/Industrial Conservation Goals for TECO**

	Summer MW					Winter MW					Annual GWh				
	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	TECO	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	2.7	7.1	3.0	6.0	2.5	0.9	1.3	1.0	5.0	0.9	6.3	31.7	31.0	7.0	6.5
2011	3.9	7.2	7.0	6.0	3.6	1.0	1.4	2.0	5.0	1.1	9.8	31.9	63.0	7.0	10.6
2012	4.3	7.4	10.0	6.0	4.3	1.2	1.4	3.0	5.0	1.4	13.0	32.8	97.0	7.0	15.4
2013	5.2	7.5	10.0	7.0	5.1	1.3	1.4	3.0	6.0	1.3	15.0	33.4	101.0	6.0	16.2
2014	5.3	8.3	11.0	6.0	5.4	1.2	1.6	3.0	5.0	1.5	16.2	37.0	104.0	6.0	19.5
2015	5.5	16.8	12.0	3.0	6.0	1.3	3.2	3.0	4.0	1.7	16.9	74.7	108.0	4.0	20.9
2016	5.7	17.9	12.0	2.0	6.2	1.4	3.3	4.0	1.0	1.6	17.0	79.1	112.0	5.0	21.6
2017	5.3	18.4	11.0	1.0	6.3	1.4	3.5	3.0	0.0	1.6	16.7	82.2	116.0	4.0	21.8
2018	5.5	20.0	13.0	2.0	6.4	1.4	3.8	4.0	2.0	1.7	16.2	88.8	119.0	3.0	22.1
2019	5.1	20.9	13.0	2.0	6.3	1.3	4.0	3.0	2.0	1.7	15.6	92.8	123.0	3.0	21.7
<b>Total</b>	<b>48.5</b>	<b>131.5</b>	<b>102.0</b>	<b>41.0</b>	<b>52.1</b>	<b>12.4</b>	<b>24.9</b>	<b>29.0</b>	<b>35.0</b>	<b>14.5</b>	<b>142.7</b>	<b>584.4</b>	<b>974.0</b>	<b>52.0</b>	<b>176.3</b>

E-TRC Source: EXH 2, BPS 246

**Proposed Residential Conservation Goals for Gulf**

	Summer MW					Winter MW					Annual GWh				
	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	1.9	8.0	7.0	6.5	1.9	1.8	7.3	8.0	16.4	1.9	2.0	23.6	19.0	10.7	2.8
2011	2.8	8.0	16.0	6.4	2.7	2.5	7.3	18.0	16.2	2.5	4.0	23.8	42.0	10.5	5.4
2012	3.7	8.3	23.0	6.4	3.8	3.1	7.6	27.0	16.3	3.4	6.3	24.6	64.0	10.6	8.4
2013	4.5	8.4	24.0	6.7	4.9	3.7	7.7	29.0	17.8	4.5	8.2	24.8	68.0	11.6	11.6
2014	5.1	9.3	26.0	6.7	6.1	4.3	8.5	30.0	18.2	5.5	9.8	27.7	70.0	11.9	14.6
2015	5.7	18.8	26.0	6.7	7.2	4.6	17.2	30.0	18.2	6.9	11.0	55.7	74.0	11.9	18.0
2016	6.1	19.9	27.0	6.7	8.4	5.0	18.2	33.0	18.0	8.1	11.9	59.0	79.0	11.6	21.4
2017	6.1	20.7	29.0	6.7	9.1	5.0	18.9	35.0	18.0	8.7	12.1	61.3	85.0	11.6	23.2
2018	5.7	22.4	31.0	6.7	9.3	4.7	20.5	36.0	18.0	9.3	11.2	66.3	90.0	11.6	24.0
2019	5.4	23.3	33.0	6.7	9.5	4.5	21.3	37.0	18.0	9.7	10.3	69.1	96.0	11.6	24.5
<b>Total</b>	<b>47.0</b>	<b>147.1</b>	<b>242.0</b>	<b>66.2</b>	<b>62.9</b>	<b>39.2</b>	<b>134.5</b>	<b>283.0</b>	<b>175.1</b>	<b>60.5</b>	<b>86.8</b>	<b>435.9</b>	<b>687.0</b>	<b>113.6</b>	<b>153.9</b>

E-TRC Source: Levelized Demand Response values from EXH 2, BPS 570

**Proposed Commercial/Industrial Conservation Goals for Gulf**

	Summer MW					Winter MW					Annual GWh				
	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	Gulf	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	1.2	4.9	3.0	1.8	1.2	0.5	1.6	1.0	1.0	0.5	2.7	24.7	21.0	4.4	3.2
2011	1.6	4.9	6.0	1.8	1.6	0.5	1.6	3.0	1.0	0.6	4.6	24.9	43.0	4.4	5.6
2012	1.9	5.1	9.0	1.8	2.1	0.6	1.7	3.0	1.0	0.8	6.1	25.7	66.0	4.4	7.7
2013	2.2	5.1	9.0	1.8	2.4	0.7	1.7	4.0	1.0	0.9	7.3	26.0	69.0	4.4	9.5
2014	2.4	5.7	10.0	1.8	2.7	0.7	1.8	5.0	1.0	1.0	8.0	28.9	70.0	4.4	10.8
2015	2.5	11.5	10.0	1.8	2.9	0.8	3.8	4.0	1.0	1.0	8.5	58.3	72.0	4.4	11.7
2016	2.6	12.2	11.0	1.8	3.0	0.8	4.0	4.0	1.0	1.2	8.9	61.8	75.0	4.4	12.3
2017	2.6	12.7	11.0	1.8	3.2	0.8	4.2	5.0	1.0	1.1	9.0	64.1	80.0	4.4	12.7
2018	2.5	13.7	12.0	1.8	3.1	0.8	4.4	5.0	1.0	1.1	8.8	69.4	85.0	4.4	12.5
2019	2.4	0.0	13.0	1.8	3.1	0.8	0.0	6.0	1.0	1.1	8.3	72.4	89.0	4.4	11.9
<b>Total</b>	<b>21.9</b>	<b>75.8</b>	<b>94.0</b>	<b>18.0</b>	<b>25.3</b>	<b>7.0</b>	<b>24.8</b>	<b>40.0</b>	<b>10.0</b>	<b>9.3</b>	<b>72.2</b>	<b>456.2</b>	<b>670.0</b>	<b>44.0</b>	<b>97.9</b>

E-TRC Source: Levelized Demand Response values from EXH 2, BPS 570

**Proposed Residential Conservation Goals for FPUC**

	Summer MW					Winter MW					Annual GWh				
	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	0.00	0.40	0.00	0.12	0.20	0.00	0.10	0.00	0.26	0.13	0.00	1.50	0.00	0.30	0.51
2011	0.00	0.30	0.00	0.12	0.20	0.00	0.10	0.00	0.26	0.13	0.00	1.40	0.00	0.30	0.51
2012	0.00	0.40	0.00	0.12	0.20	0.00	0.10	0.00	0.26	0.13	0.00	1.50	0.00	0.30	0.51
2013	0.00	0.40	0.00	0.12	0.20	0.00	0.20	0.00	0.26	0.13	0.00	1.60	0.00	0.30	0.51
2014	0.00	0.40	0.00	0.12	0.20	0.00	0.10	0.00	0.26	0.13	0.00	1.70	0.00	0.30	0.51
2015	0.00	0.80	0.00	0.12	0.20	0.00	0.30	0.00	0.26	0.13	0.00	3.40	0.00	0.30	0.51
2016	0.00	0.90	0.00	0.12	0.20	0.00	0.30	0.00	0.26	0.13	0.00	3.70	0.00	0.30	0.51
2017	0.00	0.90	0.00	0.12	0.20	0.00	0.20	0.00	0.26	0.13	0.00	3.80	0.00	0.30	0.51
2018	0.00	1.00	0.00	0.12	0.20	0.00	0.40	0.00	0.26	0.13	0.00	4.10	0.00	0.30	0.51
2019	0.00	1.10	0.00	0.12	0.20	0.00	0.30	0.00	0.26	0.13	0.00	4.20	0.00	0.30	0.51
Total	0.00	6.60	0.00	1.20	2.02	0.00	2.10	0.00	2.60	1.33	0.00	26.90	0.00	3.00	5.14

E-TRC Source: Calculated from EXH 74

**Proposed Commercial/Industrial Conservation Goals for FPUC**

	Summer MW					Winter MW					Annual GWh				
	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC	FPUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	E-TRC
2010	0.00	0.30	0.00	0.11	0.23	0.00	0.00	0.00	0.07	0.06	0.00	1.20	0.00	0.32	0.78
2011	0.00	0.20	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	1.20	0.00	0.32	0.78
2012	0.00	0.30	0.00	0.11	0.23	0.00	0.00	0.00	0.07	0.06	0.00	1.30	0.00	0.32	0.78
2013	0.00	0.30	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	1.20	0.00	0.32	0.78
2014	0.00	0.30	0.00	0.11	0.23	0.00	0.00	0.00	0.07	0.06	0.00	1.40	0.00	0.32	0.78
2015	0.00	0.60	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	2.80	0.00	0.32	0.78
2016	0.00	0.60	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	3.00	0.00	0.32	0.78
2017	0.00	0.70	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	3.20	0.00	0.32	0.78
2018	0.00	0.80	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	3.30	0.00	0.32	0.78
2019	0.00	0.70	0.00	0.11	0.23	0.00	1.00	0.00	0.07	0.06	0.00	3.50	0.00	0.32	0.78
Total	0.00	4.80	0.00	1.10	2.26	0.00	7.00	0.00	0.70	0.56	0.00	22.10	0.00	3.20	7.79

E-TRC Source: Calculated from EXH 74

**Proposed Residential Conservation Goals for OUC**

	Summer MW				Winter MW				Annual GWh			
	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)
2010	0.0	4.1	2.0	0.5	0.0	0.0	0.0	0.2	0.0	10.0	6.0	1.8
2011	0.0	4.0	5.0	0.5	0.0	0.0	0.0	0.2	0.0	10.0	12.0	1.8
2012	0.0	4.3	8.0	0.5	0.0	0.0	1.0	0.2	0.0	10.4	18.0	1.8
2013	0.0	4.2	11.0	0.5	0.0	0.0	1.0	0.2	0.0	10.5	17.0	1.8
2014	0.0	4.8	13.0	0.5	0.0	0.0	1.0	0.2	0.0	11.7	27.0	1.8
2015	0.0	9.5	12.0	0.5	0.0	0.1	2.0	0.2	0.0	23.6	30.0	1.8
2016	0.0	10.2	13.0	0.5	0.0	0.1	2.0	0.2	0.0	24.9	31.0	1.8
2017	0.0	10.5	13.0	0.5	0.0	0.1	3.0	0.2	0.0	25.9	33.0	1.8
2018	0.0	11.4	14.0	0.5	0.0	0.1	3.0	0.2	0.0	28.0	35.0	1.8
2019	0.0	11.9	14.0	0.5	0.0	0.1	4.0	0.2	0.0	29.2	38.0	1.8
<b>Total</b>	0.0	74.9	105.0	5.0	0.0	0.5	17.0	2.0	0.0	184.2	257.0	18.0

**Proposed Commercial/Industrial Conservation Goals for OUC**

	Summer MW				Winter MW				Annual GWh			
	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	OUC	FSC/ GDS	NRDC/ SACE	STAFF (10/15)
2010	0.0	1.8	1.0	0.7	0.0	0.4	3.0	0.7	0.0	9.0	10.0	1.8
2011	0.0	1.9	1.0	0.7	0.0	0.3	6.0	0.7	0.0	9.1	19.0	1.8
2012	0.0	1.9	3.0	0.7	0.0	0.4	10.0	0.7	0.0	9.4	30.0	1.8
2013	0.0	2.0	4.0	0.7	0.0	0.4	14.0	0.7	0.0	9.5	42.0	1.8
2014	0.0	2.1	3.0	0.7	0.0	0.4	15.0	0.7	0.0	10.6	44.0	1.8
2015	0.0	4.4	4.0	0.7	0.0	0.8	15.0	0.7	0.0	21.3	46.0	1.8
2016	0.0	4.6	5.0	0.7	0.0	0.9	16.0	0.7	0.0	22.6	47.0	1.8
2017	0.0	4.8	4.0	0.7	0.0	1.0	17.0	0.7	0.0	23.4	49.0	1.8
2018	0.0	5.1	5.0	0.7	0.0	1.0	18.0	0.7	0.0	25.4	50.0	1.8
2019	0.0	5.4	4.0	0.7	0.0	1.0	18.0	0.7	0.0	26.5	52.0	1.8
<b>Total</b>	0.0	34.0	34.0	7.0	0.0	6.6	132.0	7.0	0.0	166.8	389.0	18.0

**Proposed Residential Conservation Goals for JEA**

	Summer MW				Winter MW				Annual GWh			
	JEA	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	JEA	FSC/ GDS	NRDC/ SACE	STAFF (10/15)	JEA	FSC/ GDS	NRDC/ SACE	STAFF (10/15)
2010	0	8.6	5	2	0	0.7	3	1.6	0	23.7	14	6.9
2011	0	8.6	9	2	0	0.7	7	1.6	0	23.8	27	6.9
2012	0	8.9	16	2	0	0.7	11	1.6	0	24.5	43	6.9
2013	0	9.1	20	2	0	0.7	14	1.6	0	24.9	57	6.9
2014	0	10	22	2	0	0.8	14	1.6	0	27.7	60	6.9
2015	0	20.2	22	2	0	1.6	15	1.6	0	55.8	62	6.9
2016	0	21.5	25	2	0	1.7	16	1.6	0	59	64	6.9
2017	0	22.2	25	2	0	1.8	17	1.6	0	61.4	138	6.9
2018	0	24.1	26	2	0	1.9	19	1.6	0	66.3	73	6.9
2019	0	25.1	27	2	0	2	20	1.6	0	69.3	80	6.9
<b>Total</b>	<b>0</b>	<b>158.3</b>	<b>197</b>	<b>20.3</b>	<b>0</b>	<b>12.6</b>	<b>136</b>	<b>15.5</b>	<b>0</b>	<b>436.4</b>	<b>618</b>	<b>69</b>

**Proposed Commercial/Industrial Conservation Goals for JEA**

	Summer MW				Winter MW				Annual GWh			
	JEA	FSC/ GDS	NRDC/ SACE	STAFF	JEA	FSC/ GDS	NRDC/ SACE	STAFF	JEA	FSC/ GDS	NRDC/ SACE	STAFF (10/15)
2010	0.0	5.2	3.0	2.4	0.0	0.9	4.0	1.4	0	24.3	3	22.1
2011	0.0	5.2	5.0	2.4	0.0	1.0	9.0	1.4	0	24.4	7	22.1
2012	0.0	5.3	8.0	2.4	0.0	1.0	13.0	1.4	0	25.2	11	22.1
2013	0.0	5.5	11.0	2.4	0.0	1.0	17.0	1.4	0	25.5	15	22.1
2014	0.0	6.0	12.0	2.4	0.0	1.0	19.0	1.4	0	28.4	15	22.1
2015	0.0	12.2	13.0	2.4	0.0	2.3	18.0	1.4	0	57.2	15	22.1
2016	0.0	13.0	13.0	2.4	0.0	2.3	20.0	1.4	0	60.6	17	22.1
2017	0.0	13.4	14.0	2.4	0.0	2.4	21.0	1.4	0	62.9	17	22.1
2018	0.0	14.5	14.0	2.4	0.0	2.7	24.0	1.4	0	68.1	18	22.1
2019	0.0	15.1	15.0	2.4	0.0	2.7	25.0	1.4	0	71.0	18	22.1
<b>Total</b>	<b>0.0</b>	<b>95.4</b>	<b>108.0</b>	<b>24.0</b>	<b>0.0</b>	<b>17.3</b>	<b>170.0</b>	<b>14.3</b>	<b>0</b>	<b>447.6</b>	<b>136</b>	<b>221.0</b>