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July 31, 2009

VIA HAND DELIVERY

Ann Cole,  
Office of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0800

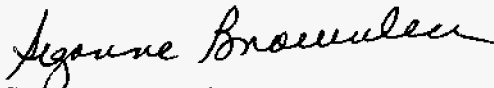
Re: Docket No. 080407-EG, 080408-EG, 080409-EG, 080410-EG, 080411-EG, 080412-EG,  
080413-EG

Dear Ms. Cole:

Attached please find the original and seven copies of Florida Solar Coalition's Amended Prehearing Statement to be filed along with copies to be stamped for our records for each of the above styled dockets.

Should you have questions or need any additional information, please contact me.

Very truly yours,



Suzanne Brownless  
Attorney for Solar Alliance

COM	_____
ECR	2
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OPC	_____
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**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Commission review of numeric conservation goals for Florida Power & Light Company.

DOCKET NO. 080407-EG

In re: Commission review of numeric conservation goals for Progress Energy Florida, Inc.

DOCKET NO. 080408-EG

In re: Commission review of numeric conservation goals for Tampa Electric Company.

DOCKET NO. 080409-EG

In re: Commission review of numeric conservation goals for Gulf Power Company.

DOCKET NO. 080410-EG

In re: Commission review of numeric conservation goals for Florida Public Utilities Company.

DOCKET NO. 080411-EG

In re: Commission review of numeric conservation goals for Orlando Utilities Commission.

DOCKET NO. 080412-EG

In re: Commission review of numeric conservation goals for JEA.

DOCKET NO. 080413-EG

**FLORIDA SOLAR COALITION'S AMENDED PREHEARING STATEMENT**

Florida Solar Coalition (FSC), pursuant to Order No. PSC-08-0816-PCO-EG, files its Amended Prehearing Statement and states as follows:

**A. Appearances:**

SUZANNE BROWNLESS, Esq., Suzanne Brownless, PA, 1975 Buford Blvd., Tallahassee, Florida 32308.

**B. Witnesses:**

None.

**C. Exhibits:**

DOCUMENT NUMBER-DATE  
07870 JUL 31 8  
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FSC has not prefiled any exhibits. However, FSC reserves the right to introduce exhibits into the record during cross-examination.

**D. Statement of Basic Position:**

The FEECA utilities have understated the amount of cost-effective achievable energy efficiency potential in their service areas due to several factors: too low market penetration projections, incorrect optimization methodologies, use of E-RIM and RIM to determine cost-effectiveness and elimination of technologies with a two-year payback period. The transitional goals proposed by Staff witness Spellman correct these errors and bring the proposed goals for the five FEECA investor-owned utilities (FEECA IOUs: Florida Power & Light Company, Progress Energy Florida, Inc., Tampa Electric Company, Gulf Power Company and Florida Public Utilities Company) in line with those of other states with a *de minimis* rate impact. FSC takes no position with regard to establishing goals for JEA and the Orlando Utilities Commission (OUC).

Florida Power and Light Company (FPL), Tampa Electric Company (TECO), Gulf Power Company (Gulf Power) and Florida Public Utilities Company (FPUC) have completely eliminated all solar thermal and PV technologies from consideration contrary to the requirements of §366.82, Fla. Stat. The Commission should require each of these FEECA IOUs to establish demand-side renewable programs focusing on solar water heating and solar photovoltaic (PV) systems for both residential and commercial customer classes.

As required by §366.82, Fla. Stat., Progress Energy Florida, Inc. (PEF) has developed a Renewable Energy Program to support the installation of solar photovoltaic (PV) and solar water heating systems. PEF's Solar Water Heating with Energy Wise residential program and SolarWise for Schools program are innovative combinations of demand response and solar water heating technologies which are cost effective under both the RIM and TRC tests. Further, PEF is developing the SunSense for Business and the SunSense for Homes initiatives. These programs will offer rebates of \$1.50 per watt for PV arrays for residential customers and a 20 year sell all contract for the energy produced from commercial customers' PV arrays. These programs demonstrate what can be done to cost-effectively utilize solar technologies and should be replicated by other FEECA utilities. However, these programs do not realize the solar technologies' full potential in PEF's service territory at the funding levels proposed by PEF.

Likewise, notwithstanding their contention that no renewable energy measures are cost effective under the RIM test, consistent with the requirements of §366.82, Fla. Stat., OUC and JEA currently offer several solar renewable energy programs. OUC's solar PV and thermal programs give a monthly production credit to customer's utility bills for the energy the systems produce as well as a credit to solar thermal customers for meters. Further, OUC has partnered with the Orlando Federal Credit Union to provide loan interest loans for solar installations payable through the customer's bill. These are innovative programs that also should be replicated by the other FEECA utilities.

In order to encourage these solar technologies, the Commission should authorize recovery of 1% of each of the FEECA IOU's annual retail sales revenue for the year ending 2008 per year for the next five years. These funds should be used as one-time rebates to customers installing PV and solar thermal demand side energy systems structured similarly to the programs currently offered by the Florida Energy and Climate Commission (FECC). FSC suggests that the rebate amount for residential and commercial PV systems be \$2/watt up to 50kW. The Commission should expand the FECC's program to include PV systems larger than 50 kW and use a performance-based incentive program design for those systems.

This would ensure growth throughout all market segments. FSC further recommends that incentive levels be reduced during the five year transition period to reflect PV system price declines and market growth. FSC takes no position with regard to demand side renewable energy system goals for JEA and OUC but notes that these utilities have voluntarily developed and implemented innovative solar technology programs which are currently in place.

**E. Statement of Issues and Positions:**

**ISSUE 1:** Did the Company provide an adequate assessment of the full technical potential of all available demand-side and supply-side conservation and efficiency measures, including demand-side renewable energy systems, pursuant to Section 366.82(3), F.S.?

**POSITION:** No for the five FEECA IOUs; no position with regard to OUC and JEA..

**ISSUE 2:** Did the Company provide an adequate assessment of the achievable potential of all available demand-side and supply-side conservation and efficiency measures, including demand-side renewable energy systems?

**POSITION:** No for the five FEECA IOUs; no position with regard to OUC and JEA.

**ISSUE 3:** Do the Company's proposed goals adequately reflect the costs and benefits to customers participating in the measure, pursuant to Section 366.82(3)(a), F.S.?

**POSITION:** No for the five FEECA IOUs; no position with regard to OUC and JEA.

**ISSUE 4:** Do the Company's proposed goals adequately reflect the costs and benefits to the general body of ratepayers as a whole, including utility incentives and participant contributions, pursuant to Section 366.82(3)(b), F.S.?

**POSITION:** No for the five FEECA IOUs; no position for OUC and JEA.

**ISSUE 5:** Do the Company's proposed goals adequately reflect the costs imposed by state and federal regulations on the emission of greenhouse gases, pursuant to Section 366.82(3)(d), F.S.?

**POSITION:** No position at this time.

**ISSUE 6:** Should the Commission establish incentives to promote both customer-owned and utility-owned energy efficiency and demand-side renewable energy systems?

**POSITION:** Yes.

**ISSUE 7:** What cost-effectiveness test or tests should the Commission use to set goals, pursuant to Section 366.82, F.S.?

**POSITION:** The Commission should use the Total Resource Cost (TRC) test, adjusted to include the avoided cost of greenhouse gas (GHG) emissions, and the Participant test as proposed in Staff witness Spellman's testimony for the five FEECA IOUs. No position for OUC and

JEA.

**ISSUE 8:** What residential summer and winter megawatt (MW) and annual Gigawatt-hour (GWh) goals should be established for the period 2010-2019?

PROPOSED RESIDENTIAL CONSERVATION GOALS										
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Summer MW										
Winter MW										
Annual GWh										

**POSITION:** FSC supports the methodology and transitional goals developed by Richard Spellman on behalf of the PSC Staff as stated in Exhibit RFS-20 for the FEECA IOUs. FSC takes no position on establishing residential goals for OUC and JEA.

**ISSUE 9:** What commercial/industrial summer and winter megawatt (MW) and annual Gigawatt hour (GWh) goals should be established for the period 2010-2019?

PROPOSED COMMERCIAL CONSERVATION GOALS										
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Summer MW										
Winter MW										
Annual GWh										

**POSITION:** FSC supports the methodology and transitional goals developed by Richard Spellman on behalf of the PSC Staff as stated in his Exhibit RFS-20 for the FEECA IOUs. FSC takes no position on establishing commercial/industrial goals for OUC and JEA.

**ISSUE 10:** In addition to the MW and GWh goals established in Issues 8 and 9, should the Commission establish separate goals for demand-side renewable energy systems?

**POSITION:** As required by §366.82, Fla. Stat., and consistent with the approach taken by OUC, JEA

and the public utility regulators in other states, the Commission should require each FEECA IOU to establish demand-side renewable programs focusing on solar water heating and solar photovoltaic (PV) systems for both residential and commercial customer classes. In order to encourage these solar technologies, the Commission should authorize recovery of 1% of each FEECA IOU's annual retail sales revenue for the year ending 2008 for the next five years. This would amount to approximately \$113M per year for FPL, \$40M per year for PEF, \$19.8M per year for TECO and \$10.8M for Gulf Power. These funds should be used as one-time rebates to customers installing PV and solar thermal demand side energy systems structured similarly to the programs currently offered by the Florida Energy and Climate Commission (FECC). FSC suggests that the rebate amount for residential and commercial PV systems be \$2/watt up to 50kW. The Commission should expand the FECC's program to include PV systems larger than 50 kW and use a performance-based incentive program design for those systems. This would ensure growth throughout all market segments. FSC further recommends that incentive levels be reduced during the five year transition period to reflect PV system price declines and market growth. FSC takes no position with regard to demand side renewable energy system goals for JEA and OUC but notes that these utilities have voluntarily developed and implemented innovative solar technology programs which are currently in place.

ISSUE 11: In addition to the MW and GWh goals established in Issues 8 and 9, should the Commission establish additional goals for efficiency improvements in generation, transmission, and distribution?

POSITION: Not at this time. Goals should be established for efficiency improvements in generation, transmission and distribution in a separate proceeding after the FEECA IOUs have had an opportunity to perform a technical potential study of these types of technologies. FSC takes no position with regard to efficiency improvement goals related to generation, transmission and distribution for OUC and JEA.

ISSUE 12: In addition to the MW and GWh goals established in Issues 8 and 9, should the Commission establish separate goals for residential and commercial/industrial customer participation in utility energy audit programs for the period 2010-2019?

POSITION: No. Section 366.82(11), Fla. Stat., requires that all FEECA IOUs offer energy audits to its residential customers with audit costs recovered through the ECCR. While necessary to inform the public about energy efficiency and demand side savings measures available, the energy audit does not, in and of itself, generate any energy savings. The programs installed as a result of the energy audit produce the energy savings and the energy saved will be credited toward the programs actually installed by the customer. FSC takes no position with regard to OUC and JEA on this issue.

ISSUE 13: Should this docket be closed?

POSITION: No position at this time.

#### ADDITIONAL ISSUES

ISSUE 14: What action(s), if any should the Commission take in this proceeding to encourage the

efficient use of cogeneration? (FIPUG)

POSITION: No position at this time.

ISSUE 15: In setting DSM goals, what consideration should the Commission give to their impact on rates? (OUC)

POSITION: For the FEECA IOUs the Commission should consider the rate impact of DSM goals as one of many factors in setting goals. However, rate impact should not be the sole controlling factor in setting DSM goals. FSC takes no position on this issue with regard to OUC or JEA.

ISSUE 16: Since the Commission has no rate setting authority over OUC and JEA, can the Commission establish goals that put upward pressure on their rates? (OUC)

POSITION: No position.

**F. Stipulated Issues:**

None at this time.

**G. Pending Motions**

None at this time.

**H. Pending Confidentiality Requests:**

None at this time.

**I. Objections to Witnesses' Qualifications:**

None at this time.

**J. Requirements that cannot be complied with:**

FSC is not aware of any requirements with which it cannot comply at this time.

Respectfully submitted this 31st day of July, 2009 by:



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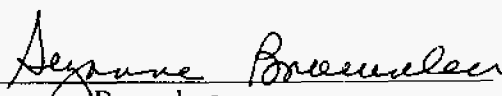
**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been provided by U.S. Mail and email, this 31<sup>st</sup> day of July, 2009 to the following persons:

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