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February 20, 2012

Ms. Ann Cole
 Commission Clerk
 Florida Public Service Commission
 2540 Shumard Oak Blvd.
 Tallahassee, FL 32399-0850

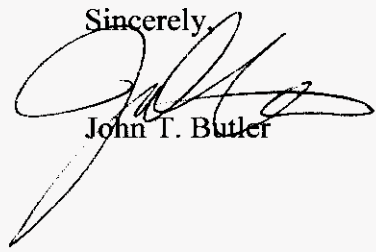
Re: Docket No. 120007-EI

Dear Ms. Cole:

In accordance with Stipulation III.F. that was approved in Order No. PSC-11-0083-FOF-EI, Docket No. 100007-EI, dated January 31, 2011, Florida Power & Light Company (FPL) hereby files the original and ten (10) copies of its Solar Plant Operation Status Report for the month of January 2012.

If there are any questions regarding this transmittal, please contact me at 561-304-5639.

COM _____
 APA _____
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 GCL _____
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 ADM _____
 OPC _____
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Sincerely,

 John T. Butler

Copy to: All parties of record

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CERTIFICATE OF SERVICE
Docket No. 120007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand delivery (*) or United States mail this 20th day of February 2012, to the following:

Charles Murphy, Esq.
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

J. R Kelly, Esq
Patricia Christensen, Esq.
Charles Rehwinkel, Esq.
Office of Public Counsel
c/o The Florida Legislature
111 W Madison St. Room 812
Tallahassee, FL 32399-1400

James D. Beasley, Esq.
J. Jeffrey Wahlen, Esq.
Ausley & McMullen
Attorneys for Tampa Electric
P.O. Box 391
Tallahassee, Florida 32302

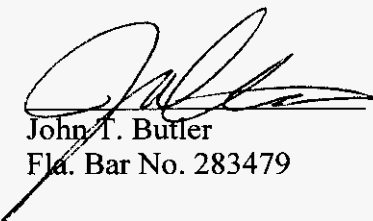
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Tallahassee, FL 32314
Attorneys for Progress Energy Florida

By: 
John T. Butler
Fla. Bar No. 283479

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: January 2012

| | Hour of Day | System Firm Demand (MW) | Average Hourly Net Output (kWh) | | |
|----|-------------|-------------------------|---------------------------------|-------------|--------------|
| | | | DESOTO | SPACE COAST | MARTIN SOLAR |
| 1 | 1 | 8,756 | (46) | (17) | (186) |
| 2 | 2 | 8,284 | (46) | (17) | (185) |
| 3 | 3 | 8,049 | (47) | (17) | (189) |
| 4 | 4 | 7,994 | (48) | (17) | (193) |
| 5 | 5 | 8,150 | (48) | (16) | (189) |
| 6 | 6 | 8,747 | (49) | (16) | (186) |
| 7 | 7 | 9,933 | (51) | (16) | (370) |
| 8 | 8 | 10,769 | 657 | 111 | (900) |
| 9 | 9 | 11,232 | 9,444 | 2,090 | (833) |
| 10 | 10 | 11,568 | 14,503 | 4,801 | 2,248 |
| 11 | 11 | 11,810 | 14,922 | 6,676 | 14,478 |
| 12 | 12 | 11,883 | 14,655 | 7,689 | 21,181 |
| 13 | 13 | 11,887 | 14,403 | 7,798 | 21,901 |
| 14 | 14 | 11,835 | 13,884 | 7,356 | 22,845 |
| 15 | 15 | 11,756 | 13,810 | 6,295 | 22,855 |
| 16 | 16 | 11,687 | 12,780 | 4,841 | 22,275 |
| 17 | 17 | 11,665 | 9,472 | 2,081 | 20,195 |
| 18 | 18 | 11,953 | 1,668 | 185 | 13,424 |
| 19 | 19 | 12,908 | (56) | (22) | 4,276 |
| 20 | 20 | 12,785 | (48) | (20) | 154 |
| 21 | 21 | 12,292 | (47) | (19) | (191) |
| 22 | 22 | 11,546 | (46) | (18) | (192) |
| 23 | 23 | 10,611 | (46) | (18) | (196) |
| 24 | 24 | 9,595 | (46) | (17) | (189) |

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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: January 2012

| | Net Capability (MW) | ⁽¹⁾ Net Generation (MWh) | Capacity Factor (%) | Percent of Total Generation (%) | ⁽²⁾ Total System Net Generation (MWh) |
|----------------|---------------------|-------------------------------------|---------------------|---------------------------------|--|
| 1 DESOTO | 25 | 3,707 | 19.9% | 0.05% | 7,877,265 |
| 2 SPACE COAST | 10 | 1,540 | 20.7% | 0.02% | |
| 3 MARTIN SOLAR | 75 | 5,017 | 9.0% | 0.06% | |
| 4 Total | 110 | 10,264 | 12.5% | 0.13% | |

| | Natural Gas Displaced (MCF) | ⁽²⁾ Cost of NG (\$/MCF) | Oil Displaced (Bbls) | ⁽²⁾ Cost of Oil (\$/Bbl) | Coal Displaced (Tons) | ⁽³⁾ Cost of Coal (\$/Ton) |
|----------------|-----------------------------|------------------------------------|----------------------|-------------------------------------|-----------------------|--------------------------------------|
| 5 DESOTO | 18,413 | \$5.39 | 1 | \$82.78 | 436 | \$82.55 |
| 6 SPACE COAST | 8,070 | \$5.39 | 0 | \$82.78 | 149 | \$82.55 |
| 7 MARTIN SOLAR | 28,565 | \$5.39 | 1 | \$82.78 | 287 | \$82.55 |
| 8 Total | 55,048 | \$296,891 | 2 | \$186 | 871 | \$71,896 |

| | CO2 Reductions (Tons) | Nox Reductions (Tons) | SO2 Reductions (Tons) | Hg Reductions (lbs) |
|-----------------|-----------------------|-----------------------|-----------------------|---------------------|
| 9 DESOTO | 2,030 | 1 | 2 | 0.20 |
| 10 SPACE COAST | 800 | 0 | 1 | 0.07 |
| 11 MARTIN SOLAR | 2,304 | 1 | 2 | 0.14 |
| 12 Total | 5,134 | 3 | 5 | 0.41 |

| | O&M (\$) | ⁽⁴⁾ Carrying Costs (\$) | ⁽⁵⁾ Capital (\$) | ⁽⁶⁾ Other (\$) | Fuel Cost (\$) | Total Cost of Generation (\$) |
|-----------------|-----------|------------------------------------|-----------------------------|---------------------------|----------------|-------------------------------|
| 13 DESOTO | \$75,668 | \$1,212,258 | \$417,878 | (\$154,336) | \$0 | \$1,551,468 |
| 14 SPACE COAST | \$14,119 | \$565,881 | \$195,404 | (\$64,351) | \$0 | \$711,053 |
| 15 MARTIN SOLAR | \$396,001 | \$3,320,153 | \$1,102,211 | (\$422,904) | \$0 | \$4,395,461 |
| 16 Total | \$485,788 | \$5,098,292 | \$1,715,493 | (\$641,591) | \$0 | \$6,657,982 |

- ⁽¹⁾ Net Generation data represents a calendar month.
- ⁽²⁾ Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.
- ⁽³⁾ Fuel Cost per unit data from Schedule A4.
- ⁽⁴⁾ Carrying Cost data represents return on average net investment.
- ⁽⁵⁾ Capital Cost data represents depreciation expense on net investment.
- ⁽⁶⁾ Other Cost data represents dismantlement costs and amortization on ITC.

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: Year-to-Date (January - January) 2012

| | Net Capability (MW) | ⁽¹⁾ Net Generation (MWh) | Capacity Factor (%) | Percent of Total Generation (%) | ⁽²⁾ Total System Net Generation (MWh) | |
|---|---------------------|-------------------------------------|---------------------|---------------------------------|--|-----------|
| 1 | DESOTO | 25 | 3,707 | 19.9% | 0.05% | 7,877,265 |
| 2 | SPACE COAST | 10 | 1,540 | 20.7% | 0.02% | |
| 3 | MARTIN SOLAR | 75 | 5,017 | 9.0% | 0.06% | |
| 4 | Total | 110 | 10,264 | 12.5% | 0.13% | |

| | Natural Gas Displaced (MCF) | ⁽²⁾ Cost of NG (\$/MCF) | Oil Displaced (Bbls) | ⁽²⁾ Cost of Oil (\$/Bbl) | Coal Displaced (Tons) | ⁽³⁾ Cost of Coal (\$/Ton) | |
|---|-----------------------------|------------------------------------|----------------------|-------------------------------------|-----------------------|--------------------------------------|----------|
| 5 | DESOTO | 18,413 | \$5.39 | 1 | \$82.78 | 436 | \$82.55 |
| 6 | SPACE COAST | 8,070 | \$5.39 | 0 | \$82.78 | 149 | \$82.55 |
| 7 | MARTIN SOLAR | 28,565 | \$5.39 | 1 | \$82.78 | 287 | \$82.55 |
| 8 | Total | 55,048 | \$296,891 | 2 | \$186 | 871 | \$71,896 |

| | CO2 Reductions (Tons) | Nox Reductions (Tons) | SO2 Reductions (Tons) | Hg Reductions (lbs) | |
|----|-----------------------|-----------------------|-----------------------|---------------------|------|
| 9 | DESOTO | 2,030 | 1 | 2 | 0.20 |
| 10 | SPACE COAST | 800 | 0 | 1 | 0.07 |
| 11 | MARTIN SOLAR | 2,304 | 1 | 2 | 0.14 |
| 12 | Total | 5,134 | 3 | 5 | 0.41 |

| | O&M (\$) | ⁽⁴⁾ Carrying Costs (\$) | ⁽⁵⁾ Capital (\$) | ⁽⁶⁾ Other (\$) | Fuel Cost (\$) | Total Cost of Generation (\$) | |
|----|--------------|------------------------------------|-----------------------------|---------------------------|----------------|-------------------------------|-------------|
| 13 | DESOTO | \$75,668 | \$1,212,258 | \$417,878 | (\$154,336) | \$0 | \$1,551,468 |
| 14 | SPACE COAST | \$14,119 | \$565,881 | \$195,404 | (\$64,351) | \$0 | \$711,053 |
| 15 | MARTIN SOLAR | \$396,001 | \$3,320,153 | \$1,102,211 | (\$422,904) | \$0 | \$4,395,461 |
| 16 | Total | \$485,788 | \$5,098,292 | \$1,715,493 | (\$641,591) | \$0 | \$6,657,982 |

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.
- (3) Fuel Cost per unit data from Schedule A4.
- (4) Carrying Cost data represents return on average net investment.
- (5) Capital Cost data represents depreciation expense on net investment.
- (6) Other Cost data represents dismantlement costs and amortization on ITC.