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January 22, 2024

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20240007-EI Environmental Cost Recovery Clause

Dear Mr. Teitzman:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of December 2023 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.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

s/ Maria Jose Moncada

Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachment)

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

:21855787

CERTIFICATE OF SERVICE
Docket No. 20240007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 22nd day of January 2024 to the following:

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By: s/ Maria Jose Moncada
Maria Jose Moncada
Florida Bar No. 0773301

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: December 2023

| Hour of Day | System Firm Demand (MW) | Average Hourly Net Output (kWh) | | |
|-------------|-------------------------|---------------------------------|-------------|--------------|
| | | DESOTO | SPACE COAST | MARTIN SOLAR |
| 1 | 11,356 | (62) | (21) | NA |
| 2 | 10,666 | (62) | (21) | NA |
| 3 | 10,274 | (63) | (21) | NA |
| 4 | 10,088 | (63) | (21) | NA |
| 5 | 10,175 | (63) | (21) | NA |
| 6 | 10,653 | (63) | (21) | NA |
| 7 | 11,584 | (63) | (22) | NA |
| 8 | 12,456 | 319 | 59 | NA |
| 9 | 13,412 | 2,521 | 882 | NA |
| 10 | 14,147 | 4,654 | 1,994 | NA |
| 11 | 14,590 | 6,017 | 2,738 | NA |
| 12 | 14,840 | 6,595 | 3,227 | NA |
| 13 | 14,988 | 6,444 | 2,965 | NA |
| 14 | 15,055 | 6,413 | 2,958 | NA |
| 15 | 15,066 | 5,520 | 2,532 | NA |
| 16 | 15,047 | 4,468 | 1,724 | NA |
| 17 | 15,040 | 2,323 | 568 | NA |
| 18 | 15,390 | 248 | 1 | NA |
| 19 | 15,759 | (59) | (26) | NA |
| 20 | 15,353 | (64) | (22) | NA |
| 21 | 14,859 | (62) | (21) | NA |
| 22 | 14,203 | (62) | (21) | NA |
| 23 | 13,348 | (62) | (21) | NA |
| 24 | 12,339 | (62) | (21) | NA |

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: December 2023

| | Net Capability (MW) | ⁽¹⁾ Net Generation (MWh) | Capacity Factor (%) | Percent of Total Generation (%) | ⁽²⁾ Total System Net Generation (MWh) | |
|---|---------------------|-------------------------------------|---------------------|---------------------------------|--|------------|
| 1 | DESOTO | 25 | 1,386 | 7.5% | 0.01% | 10,022,823 |
| 2 | SPACE COAST | 10 | 600 | 8.1% | 0.01% | |
| 3 | MARTIN SOLAR | 0 | 0 | 0.0% | 0.00% | |
| 4 | Total | 35 | 1,987 | 7.6% | 0.02% | |

| | 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 | 10,203 | \$4.60 | 0.0 | \$0.00 | 0 | \$0.00 |
| 6 | SPACE COAST | 4,482 | \$4.60 | 0.0 | \$0.00 | 0 | \$0.00 |
| 7 | MARTIN SOLAR | 0 | \$4.60 | 0.0 | \$0.00 | 0 | \$0.00 |
| 8 | Total | 14,685 | \$67,480 | 0.0 | \$0.00 | 0 | \$0.00 |

| | CO2 Reductions (Tons) | Nox Reductions (Tons) | SO2 Reductions (Tons) | Hg Reductions (lbs) | |
|----|-----------------------|-----------------------|-----------------------|---------------------|------|
| 9 | DESOTO | 604 | 0.2 | 0.00 | 0.00 |
| 10 | SPACE COAST | 265 | 0.1 | 0.00 | 0.00 |
| 11 | MARTIN SOLAR | 0 | 0.0 | 0.00 | 0.00 |
| 12 | Total | 869 | 0.3 | 0.00 | 0.00 |

| | O&M (\$) | ⁽⁴⁾ Carrying Costs (\$) | ⁽⁵⁾ Capital (\$) | ⁽⁶⁾ Other (\$) | Fuel Cost (\$) | Total Cost of Generation (\$) | |
|----|--------------|------------------------------------|-----------------------------|---------------------------|--------------------------|-------------------------------|-------------|
| 13 | DESOTO | (\$18,427) ⁽⁷⁾ | 637,317 | \$381,212 | (\$578,293) | \$0 | \$421,810 |
| 14 | SPACE COAST | \$17,141 | 298,498 | \$178,157 | (\$297,335) | \$0 | \$196,460 |
| 15 | MARTIN SOLAR | (\$0) | 2,084,501 ⁽⁸⁾ | \$0 | \$505,684 ⁽⁹⁾ | \$0 | \$2,590,186 |
| 16 | Total | (\$1,286) | 3,020,316 | \$559,369 | (\$369,943) | \$0 | \$3,208,456 |

- (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.
- (7) Credit O&M amount due to adjustment of warehouse overhead costs due to overstatement of costs through November 2023.
- (8) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.(9) Other includes amortization of regulatory asset.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - December) 2023

| | Net Capability (MW) | ⁽¹⁾ Net Generation (MWh) | Capacity Factor (%) | Percent of Total Generation (%) | ⁽²⁾ Total System Net Generation (MWh) | |
|---|---------------------|-------------------------------------|---------------------|---------------------------------|--|-------------|
| 1 | DESOTO | 25 | 33,474 | 15.3% | 0.02% | 143,211,153 |
| 2 | SPACE COAST | 10 | 12,818 | 14.6% | 0.01% | |
| 3 | MARTIN SOLAR | 75 | (4) | 0.0% | 0.00% | |
| 4 | Total | 110 | 46,288 | 4.8% | 0.03% | |

| | 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 | 262,005 | \$4.32 | 1,023 | \$103.47 | 0 | \$0.00 |
| 6 | SPACE COAST | 99,771 | \$4.32 | 310 | \$103.47 | 0 | \$0.00 |
| 7 | MARTIN SOLAR | -56 | \$4.32 | 0 | \$103.47 | 0 | \$0.00 |
| 8 | Total | 361,720 | \$1,562,713 | 1,333 | \$137,885 | 0 | \$0.00 |

| | CO2 Reductions (Tons) | Nox Reductions (Tons) | SO2 Reductions (Tons) | Hg Reductions (lbs) | |
|----|-----------------------|-----------------------|-----------------------|---------------------|------|
| 9 | DESOTO | 15,989 | 5.9 | 0.1 | 0.01 |
| 10 | SPACE COAST | 6,050 | 2.2 | 0.0 | 0.00 |
| 11 | MARTIN SOLAR | -3 | 0.0 | 0.0 | 0.00 |
| 12 | Total | 22,036 | 8.1 | 0.1 | 0.01 |

| | O&M (\$) | ⁽⁴⁾ Carrying Costs (\$) | ⁽⁵⁾ Capital (\$) | ⁽⁶⁾ Other (\$) | Fuel Cost (\$) | Total Cost of Generation (\$) | |
|----|--------------|------------------------------------|-----------------------------|---------------------------|----------------------------|-------------------------------|--------------|
| 13 | DESOTO | \$462,104 | \$7,837,786 | \$4,573,718 | (\$1,856,363) | \$0 | \$11,017,246 |
| 14 | SPACE COAST | \$246,701 | \$3,667,148 | \$2,137,880 | (\$854,312) | \$0 | \$5,197,416 |
| 15 | MARTIN SOLAR | \$315,574 ⁽⁷⁾ | \$25,545,489 ⁽⁸⁾ | \$487,846 ⁽⁷⁾ | \$8,763,823 ⁽⁹⁾ | \$0 | \$35,112,733 |
| 16 | Total | \$1,024,379 | \$37,050,423 | \$7,199,444 | \$6,053,149 | \$0 | \$51,327,395 |

- (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.
- (7) Capital costs and O&M expense shown are related to January 2023 business.
- (8) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (9) Other includes amortization of regulatory asset.