



Bryan S. Anderson
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Florida Power & Light Company
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Juno Beach, FL 33408-0420
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June 12, 2009

-VIA HAND DELIVERY -

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

RECEIVED-PPSC
09 JUN 12 PM 3:16
COMMISSION
CLERK

**Re: Docket No. 090150-EQ
Petition for approval of a modification to existing negotiated renewable energy contract with Solid Waste Authority of Palm Beach County, by Florida Power & Light Company.**

Dear Ms. Cole:

Please find enclosed for filing in the above-referenced docket the original and five (5) copies of Florida Power & Light Company's responses to Staff's Second Data Request.

If there are any questions regarding this transmittal, please contact me at 561-304-5253.

Sincerely,

Bryan S. Anderson
Fla. Auth. House Counsel No. 219511

- COM _____
- ECR | Enclosures
- GCL | cc: Counsel for Parties of Record (w/encl.)
- OPC _____
- RCP _____
- SSC _____
- SGA** _____
- ADM _____
- CLK _____

an FPL Group company

DOCUMENT NUMBER-DATE
05905 JUN 12 09
FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand delivery (*) or United States mail on June 12, 2009 to the following:

Richard A. Zambo
7501 North Jog Road
West Palm Beach, Florida 33412

By: _____

A handwritten signature in black ink, appearing to read "Bryan S. Anderson for", written over a horizontal line.

Bryan S. Anderson

Fla. Auth. House Counsel No. 219511

Staff's Second Data Request - Docket No. 090150-EQ

| Emissions and Fuel With Modified Contract in Effect | | | | | | | |
|---|---------------|------------|------------|----------|----------------|-------------|---------------|
| Year | CO2 (tons) | Nox (tons) | SO2 (tons) | Hg (lbs) | Nat. Gas (mcf) | Coal (tons) | Oil (barrels) |
| 2011 | 47,047,000 | 18,363 | 50,467 | 0 | 513,454 | 7,652 | 890 |
| 2012 | 46,424,000 | 15,662 | 45,361 | 0 | 522,795 | 7,003 | 742 |
| 2013 | 46,036,000 | 12,430 | 48,977 | 0 | 497,451 | 7,721 | 316 |
| 2014 | 47,077,000 | 11,846 | 48,049 | 0 | 520,521 | 7,590 | 270 |
| 2015 | 48,823,000 | 12,770 | 49,375 | 0 | 541,333 | 7,751 | 448 |
| 2016 | 47,425,000 | 14,657 | 40,157 | 0 | 587,902 | 5,737 | 1,196 |
| 2017 | 48,254,000 | 15,736 | 40,274 | 0 | 605,999 | 5,573 | 1,491 |
| 2018 | 47,444,000 | 15,435 | 40,246 | 0 | 592,984 | 5,564 | 1,517 |
| 2019 | 47,677,000 | 16,157 | 41,008 | 0 | 592,308 | 5,636 | 1,771 |
| 2020 | 46,501,000 | 15,618 | 40,743 | 0 | 573,861 | 5,620 | 1,574 |
| 2021 | 47,042,000 | 15,854 | 40,554 | 0 | 587,307 | 5,513 | 1,714 |
| 2022 | 48,031,000 | 14,020 | 39,909 | 0 | 602,954 | 5,624 | 1,271 |
| 2023 | 48,923,000 | 13,903 | 39,785 | 0 | 619,315 | 5,622 | 1,224 |
| 2024 | 50,204,000 | 13,254 | 39,598 | 0 | 641,495 | 5,641 | 1,105 |
| 2025 | 49,886,000 | 12,097 | 35,511 | 0 | 671,496 | 4,849 | 1,049 |
| 2026 | 49,408,000 | 11,851 | 30,865 | 0 | 703,973 | 3,922 | 1,034 |
| 2027 | 50,403,000 | 10,724 | 30,165 | 0 | 723,465 | 3,927 | 759 |
| 2028 | 51,045,000 | 10,452 | 30,298 | 0 | 733,951 | 3,934 | 756 |
| 2029 | 51,785,000 | 10,327 | 29,798 | 0 | 749,184 | 3,873 | 724 |
| 2030 | 53,110,000 | 10,451 | 29,830 | 0 | 771,529 | 3,873 | 700 |
| 2031 | 53,540,000 | 9,879 | 29,099 | 0 | 782,188 | 3,821 | 576 |
| 2032 | 55,329,000 | 9,770 | 29,331 | 0 | 811,997 | 3,843 | 572 |
| Total | 1,081,414,000 | 291,256 | 849,400 | 0 | 13,947,462 | 120,289 | 21,699 |

| Emissions and Fuel With Neither Contract in Effect | | | | | | | |
|--|---------------|------------|------------|----------|----------------|-------------|---------------|
| Year | CO2 (tons) | Nox (tons) | SO2 (tons) | Hg (lbs) | Nat. Gas (mcf) | Coal (tons) | Oil (barrels) |
| 2011 | 47,047,000 | 18,363 | 50,467 | 0 | 513,454 | 7,652 | 890 |
| 2012 | 46,594,000 | 15,919 | 45,531 | 0 | 525,106 | 7,007 | 785 |
| 2013 | 46,218,000 | 12,622 | 49,034 | 0 | 501,308 | 7,742 | 329 |
| 2014 | 47,255,000 | 11,980 | 48,053 | 0 | 523,808 | 7,598 | 280 |
| 2015 | 49,011,000 | 12,834 | 49,397 | 0 | 544,415 | 7,754 | 463 |
| 2016 | 47,655,000 | 14,880 | 40,419 | 0 | 590,792 | 5,755 | 1,237 |
| 2017 | 48,422,000 | 15,895 | 40,428 | 0 | 609,678 | 5,596 | 1,494 |
| 2018 | 47,683,000 | 15,593 | 40,500 | 0 | 595,864 | 5,589 | 1,550 |
| 2019 | 47,810,000 | 16,424 | 41,349 | 0 | 596,542 | 5,654 | 1,806 |
| 2020 | 46,699,000 | 15,811 | 40,814 | 0 | 577,212 | 5,635 | 1,633 |
| 2021 | 47,035,000 | 14,806 | 39,794 | 0 | 589,352 | 5,532 | 1,405 |
| 2022 | 48,113,000 | 14,318 | 39,960 | 0 | 604,874 | 5,639 | 1,276 |
| 2023 | 49,137,000 | 14,041 | 40,007 | 0 | 621,940 | 5,633 | 1,284 |
| 2024 | 50,412,000 | 13,355 | 39,665 | 0 | 644,606 | 5,652 | 1,106 |
| 2025 | 50,112,000 | 12,328 | 35,697 | 0 | 674,586 | 4,858 | 1,089 |
| 2026 | 49,635,000 | 12,104 | 31,116 | 0 | 706,824 | 3,942 | 1,070 |
| 2027 | 50,631,000 | 10,954 | 30,398 | 0 | 726,529 | 3,931 | 825 |
| 2028 | 51,231,000 | 10,549 | 30,383 | 0 | 736,971 | 3,942 | 800 |
| 2029 | 51,974,000 | 10,430 | 29,804 | 0 | 752,262 | 3,875 | 725 |
| 2030 | 53,249,000 | 10,492 | 29,952 | 0 | 774,481 | 3,887 | 712 |
| 2031 | 53,737,000 | 9,953 | 29,220 | 0 | 785,062 | 3,836 | 578 |
| 2032 | 55,329,000 | 9,795 | 29,736 | 0 | 812,184 | 3,849 | 574 |
| Total | 1,084,989,000 | 293,446 | 851,724 | 0 | 14,007,850 | 120,558 | 21,911 |

Notes: All column entries include purchases
Data was not provided for 2033-2034. Contract ends April 1, 2032.

DOCUMENT NUMBER-DATE
05905 JUN 12 8
FPSC-COMMISSION CLEAR