

State of Florida



# Public Service Commission

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TALLAHASSEE, FLORIDA 32399-0850

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

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13 JUN -13 AM 9:01  
COMMISSION CLERK

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**DATE:** June 4, 2013  
**TO:** Ann Cole, Commission Clerk, Office of Commission Clerk  
**FROM:** Charles W. Murphy, Senior Attorney, Office of the General Counsel  
**RE:** Docket No 130070

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Please add the attached four pages to the docket file.

Pages 1 through 3 are staff's request for additional information related to staff's first data request and Gulf's response. Page 4 is the requested information referenced by Gulf at page 1.

DOCUMENT NUMBER-DATE

03052 JUN-4 2013

FPSC-COMMISSION CLERK

Charles Murphy

**From:** McGee, Robert L., Jr. (GULF) <RLMCGEE@southernco.com>  
**Sent:** Friday, May 31, 2013 12:20 PM  
**To:** Traci Matthews  
**Cc:** Charles Murphy; Griffin, Steven R. (Beggs & Lane)  
**Subject:** FW: Follow up data request Docket No. 130070 - Response  
**Attachments:** 2013 RSOC Staff First Data Request\_NPV.XLSX

Traci,

As requested, attached are NPVs calculated in 2013 dollars for Gulf's various RSOC offers. Please note that in our original response to Staff's Data Request, we rounded Capacity Rates to two decimal places. In order for the NPVs to calculate precisely in the attached file, we eliminated the two-decimal-place rounding of Capacity Rates. Let us know if you have any additional questions.

Thank you.  
Bob

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**From:** McGee, Robert L., Jr. (GULF)  
**Sent:** Wednesday, May 29, 2013 1:57 PM  
**To:** Traci Matthews  
**Cc:** Charles Murphy; Griffin, Steven R. (Beggs & Lane)  
**Subject:** Re: Follow up data request Docket No. 130070

Thank you Traci. We are working to get you the answers by Friday. I'll let you know if something changes.  
Bob

On May 29, 2013, at 1:07 PM, "Traci Matthews" <[tmatthew@PSC.STATE.FL.US](mailto:tmatthew@PSC.STATE.FL.US)> wrote:

Hi Mr. McGee,

I need just a bit more information in relation to the data request in Docket No. 130070, Gulf's renewable standard offer contract for 2013.

For each payment option in the data request (normal, levelized, early, and early levelized), I need a net present value for each of the total payments for the entire contract. In other words, on page 2 of 6 of Staff's First Data Request, I would need totals for the 2014-2033 period for energy payments, capacity payments, and total (energy + capacity) payments. Then I need those totals expressed in 2013 dollars.

2

| Year                       | Hours | Energy MWh | Capacity Rate \$/kW-mo | Total Capacity Payments (\$000) | Energy Rate \$/MWh | Total Energy Payments (\$000) | Total Payments (\$000) |
|----------------------------|-------|------------|------------------------|---------------------------------|--------------------|-------------------------------|------------------------|
| 2014                       | 8760  | 394200     | 0                      | 0                               | 34.56              | 13,624                        | 13,624                 |
| 2015                       | 8760  | 394200     | 0                      | 0                               | 39.77              | 15,677                        | 15,677                 |
| 2016                       | 8784  | 395280     | 0                      | 0                               | 42                 | 16,602                        | 16,602                 |
| 2017                       | 8760  | 394200     | 0                      | 0                               | 45.85              | 18,074                        | 18,074                 |
| 2018                       | 8760  | 394200     | 0                      | 0                               | 49.86              | 19,655                        | 19,655                 |
| 2019                       | 8760  | 394200     | 0                      | 0                               | 53.56              | 21,113                        | 21,113                 |
| 2020                       | 8784  | 395280     | 0                      | 0                               | 56.47              | 22,321                        | 22,321                 |
| 2021                       | 8760  | 394200     | 0                      | 0                               | 58.13              | 22,915                        | 22,915                 |
| 2022                       | 8760  | 394200     | 0                      | 0                               | 60.39              | 23,806                        | 23,806                 |
| 2023                       | 8760  | 394200     | 9.17                   | 5502                            | 50.45              | 19,887                        | 25,389                 |
| 2024                       | 8784  | 395280     | 9.35                   | 5610                            | 55.11              | 21,784                        | 27,394                 |
| 2025                       | 8760  | 394200     | 9.59                   | 5754                            | 58.41              | 23,025                        | 28,779                 |
| 2026                       | 8760  | 394200     | 9.83                   | 5898                            | 62.08              | 24,472                        | 30,370                 |
| 2027                       | 8760  | 394200     | 10.08                  | 6048                            | 65.65              | 25,879                        | 31,927                 |
| 2028                       | 8784  | 395280     | 10.33                  | 6198                            | 69.23              | 27,365                        | 33,563                 |
| 2029                       | 8760  | 394200     | 10.59                  | 6354                            | 73.05              | 28,796                        | 35,150                 |
| 2030                       | 8760  | 394200     | 10.86                  | 6516                            | 77.07              | 30,381                        | 36,897                 |
| 2031                       | 8760  | 394200     | 11.14                  | 6684                            | 80.97              | 31,918                        | 38,602                 |
| 2032                       | 8784  | 395280     | 11.42                  | 6852                            | 85.43              | 33,769                        | 40,621                 |
| 2033                       | 8760  | 394200     | 11.71                  | 7026                            | 87.52              | 34,500                        | 41,526                 |
| Grand totals               |       |            |                        | <input type="text"/>            |                    | <input type="text"/>          | <input type="text"/>   |
| NPV totals in 2013 dollars |       |            |                        | <input type="text"/>            |                    | <input type="text"/>          | <input type="text"/>   |

Then, I need the same information for pages 3, 4, 5, and 6.

Because my recommendation is due next week, I need to get this information from you immediately. I would greatly appreciate it if you could provide a response by Friday, May 31; however if you need until Monday June 3, I can manage it.

3

Thank you very much for your quick response. Please give me a call if you have any questions about my request.

Sincerely,

*Traci Matthews*

Engineer Specialist II  
Florida Public Service Commission  
850.413.6682  
[traci.matthews@psc.state.fl.us](mailto:traci.matthews@psc.state.fl.us)

|                                |                            |
|--------------------------------|----------------------------|
| <b>In-Service Date</b>         | January 1, 2014            |
| <b>Committed Capacity (MW)</b> | 50                         |
| <b>Capacity Factor (%)</b>     | 90                         |
| <b>Payment Type:</b>           | As-Available (Energy Only) |

4

| Year | Energy  | Capacity   | Total Capacity | Energy   | Total Energy | Total    |
|------|---------|------------|----------------|----------|--------------|----------|
|      | (MWh)   | Rates      | Payments       | Rates    | Payments     | Payments |
|      |         | (\$/kW-mo) | (\$000)        | (\$/MWh) | (\$000)      | (\$000)  |
| 2013 |         |            |                |          |              |          |
| 2014 | 394,200 | 0.00       | 0              | 34.56    | 13,624       | 13,624   |
| 2015 | 394,200 | 0.00       | 0              | 39.77    | 15,677       | 15,677   |
| 2016 | 395,280 | 0.00       | 0              | 42.00    | 16,602       | 16,602   |
| 2017 | 394,200 | 0.00       | 0              | 45.85    | 18,074       | 18,074   |
| 2018 | 394,200 | 0.00       | 0              | 49.86    | 19,655       | 19,655   |
| 2019 | 394,200 | 0.00       | 0              | 53.56    | 21,113       | 21,113   |
| 2020 | 395,280 | 0.00       | 0              | 56.47    | 22,321       | 22,321   |
| 2021 | 394,200 | 0.00       | 0              | 58.13    | 22,915       | 22,915   |
| 2022 | 394,200 | 0.00       | 0              | 60.39    | 23,806       | 23,806   |
| 2023 | 394,200 | 0.00       | 0              | 62.29    | 24,555       | 24,555   |
| 2024 | 395,280 | 0.00       | 0              | 68.66    | 27,140       | 27,140   |
| 2025 | 394,200 | 0.00       | 0              | 72.08    | 28,414       | 28,414   |
| 2026 | 394,200 | 0.00       | 0              | 77.26    | 30,456       | 30,456   |
| 2027 | 394,200 | 0.00       | 0              | 80.11    | 31,579       | 31,579   |
| 2028 | 395,280 | 0.00       | 0              | 84.82    | 33,528       | 33,528   |
| 2029 | 394,200 | 0.00       | 0              | 89.04    | 35,100       | 35,100   |
| 2030 | 394,200 | 0.00       | 0              | 95.89    | 37,800       | 37,800   |
| 2031 | 394,200 | 0.00       | 0              | 99.22    | 39,113       | 39,113   |
| 2032 | 395,280 | 0.00       | 0              | 104.93   | 41,477       | 41,477   |
| 2033 | 394,200 | 0.00       | 0              | 108.15   | 42,633       | 42,633   |

|                            |   |         |         |
|----------------------------|---|---------|---------|
| Grand totals               | 0 | 545,582 | 545,582 |
| NPV totals in 2013 dollars | 0 | 268,522 | 268,522 |