

**Shawna Senko**

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**From:** Keating, Beth <BKeating@gunster.com>  
**Sent:** Tuesday, November 05, 2013 4:07 PM  
**To:** Filings@psc.state.fl.us  
**Cc:** Kelley Corbari; Shevie Brown  
**Subject:** Docket No. 130167-EG  
**Attachments:** AGDF Supplemental Responses.PDF

Attached for electronic filing, please find the Supplemental Responses of the AGDF to Commission Staff's First Set of Data Requests (16 and 28) in the referenced docket.

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a. Person responsible for this electronic filing:

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b. Docket No. 130167-EG – Petition for approval of natural gas energy conservation programs for commercial customers, by Associated Gas Distributors of Florida.

c. On behalf of: AGDF

d. There are a total of pages: 5

e. Description: Supplemental Responses to Data Requests



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November 5, 2013

**ELECTRONIC FILING - FILINGS@PSC.STATE.FL.US**

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

Re: Docket No. 130167- EG-- **Petition for approval of natural gas energy conservation programs for commercial customers, by Associated Gas Distributors of Florida.**

Dear Ms. Cole:

Attached for electronic filing, please find the Associated Gas Distributors of Florida's additional Supplemental Responses of the AGDF to Commission Staff's First Set of Data Requests in the reference docket (Requests 16 and 28), regarding the proposed conservation programs for commercial customers.

As always, thank you for your assistance with this filing. If you have any questions whatsoever, please do not hesitate to contact me.

Sincerely,

Beth Keating and Lila Jaber  
Gunster, Yoakley & Stewart, P.A.  
215 South Monroe St., Suite 601  
Tallahassee, FL 32301  
(850) 521-1706

*Attorneys for the AGDF*

Cc:// Staff Counsel (Corbari)  
PSC Staff (Brown)

Residential Bill Impact Summary From Proposed Commercial  
Conservation Program

| <b>Company</b>  | <b>Monthly Impact per<br/>Customer Bill</b> |          |
|---|---|----------|
| Florida Division of Chesapeake Utilities<br>Corp (FTS-1)                | \$  | 0.108826 |
| Florida City Gas (GS1, GS100, GS220)                                    | \$  | 0.213434 |
| Florida Public Utilities Company (R.)                                   | \$  | 0.159874 |
| Indiantown Gas Company (TS-1)   | \$  | 0.127546 |
| Peoples Gas System( RS)   | \$  | 0.125922 |
| Sebring Gas System (TS-1)   | \$  | 0.401763 |
| St. Joe Natural Gas Company (Averaged<br>ECCR from RS-1, RS-2, RS-3 and | \$  | 0.380695 |

Current Residential ECCR Cost Factors per Docket 130004-GU

| Company  | Current ECCR per Docket 130004-GU \$\$/Therm | Number of Residential Therms per Schedule C-1 Docket 130004-GU | Total Annual ECCR Revenues per Docket 130004-GU | Residential Annual ECCR Revenues per Docket 130004-GU | Residential ECCR Revenues as a % of Total ECCR Revenues |
|--|--|--|---|---|---|
| Florida Division of Chesapeake Utilities Corp (FTS-1)  | \$ 0.13968                                   | 1,925,425  | \$ 1,027,942                                    | \$ 267,600  | 26.033%   |
| Florida City Gas (GS1, GS100, GS220)   | \$ 0.13084                                   | 15,503,866   | \$ 4,235,123                                    | \$ 2,018,383  | 47.658%   |
| Florida Public Utilities Company (R.)  | \$ 0.09256                                   | 12,734,444   | \$ 3,079,774                                    | \$ 1,172,791  | 38.080%   |
| Indiantown Gas Company (TS-1)  | \$ 0.02469                                   | 140,301  | \$ 16,403                                       | \$ 3,447  | 21.014%   |
| Peoples Gas System( RS)  | \$ 0.08253                                   | 68,740,920   | \$ 13,476,152                                   | \$ 5,876,234  | 43.605%   |
| Sebring Gas System (TS-1)  | \$ 0.11993                                   | 33,146   | \$ 36,198                                       | \$ 3,395  | 9.379%  |
| St. Joe Natural Gas Company (Averaged ECCR from RS-1, RS-2, RS-3 and cumulative Res ECCR Totals used ) | \$ 0.17241                                   | 522,511  | \$ 104,680                                      | \$ 78,668   | 75.151%   |

Residential Cost Impacts with Proposed Commercial Conserv. Program

| *Projected Annual cost for<br>Proposed Comm.<br>Conservation Program<br>(averaged over first 3<br>years of program) | Total Annual Residential<br>ECCR Revenue<br>Requirement with<br>Proposed Comm.<br>Conservation Program<br>based on Residential<br>ECCR Revenues as % of<br>Total ECCR Revenues | Number of Residential<br>Therms per Schedule<br>C-1 Docket 130004-GU | Incremental<br>Residential ECCR<br>Factor requirement<br>Per Therm<br>resultant from<br>proposed<br>Commercial<br>Conservation<br>Program | Average<br>Residential<br>Monthly Therm<br>Consumption | Impact to Residential<br>Monthly Bill<br>(represents an increase<br>from current ECCR) |
|---|--|--|---|--|--|
| \$ 45,994   | \$ 11,973  | 1,925,425  | \$ 0.00621861   | 17.5   | \$ 0.108826  |
| \$ 396,759  | \$ 189,088   | 15,503,866   | \$ 0.01219621   | 17.5   | \$ 0.213434  |
| \$ 305,504  | \$ 116,337   | 12,734,444   | \$ 0.00913564   | 17.5   | \$ 0.159874  |
| \$ 4,866  | \$ 1,023   | 140,301  | \$ 0.00728832   | 17.5   | \$ 0.127546  |
| \$ 1,134,343  | \$ 494,627   | 68,740,920   | \$ 0.00719552   | 17.5   | \$ 0.125922  |
| \$ 8,113  | \$ 761   | 33,146   | \$ 0.02295788   | 17.5   | \$ 0.401763  |
| \$ 15,125   | \$ 11,367  | 522,511  | \$ 0.02175399   | 17.5   | \$ 0.380695  |

\*See tab titled Annual Projected Program Cost

Florida Public Utilities

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR (July-March) | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers | *Projected Annual cost for Proposed Comm. Conservation Program (averaged over first 3 years of program) |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|---|--|--|--|-------------------------|-------------------------|-------------------------|--|---|
| New Construction  | 92                          | \$ 15,435.25               | \$ 11,985.66         | \$ 1,891.67                          | \$ 174,152.39                           | \$ 201,573.10  | \$ 20,137.31   | \$ 221,790.41                                     | \$ 55,432.60   | \$ 110,865.21  | \$ 166,297.81  |                         |                         |                         | 52,415                                   |   |
| Replacement (E2G) | 42                          | \$ 7,041.70                | \$ 5,447.97          | \$ 2,217.50                          | \$ 91,974.76                            | \$ 106,484.43  | \$ 10,648.44   | \$ 117,123.48                                     | \$ 29,283.22   | \$ 58,566.44   | \$ 87,849.66   |                         |                         |                         |  |   |
| Retention (G2G)   | 120                         | \$ 20,124.80               | \$ 15,626.76         | \$ 1,763.33                          | \$ 211,853.65                           | \$ 247,404.72  | \$ 24,740.47   | \$ 272,145.19                                     | \$ 68,036.10   | \$ 136,072.39  | \$ 204,108.89  |                         |                         |                         |  |   |
|                   | 254                         | \$ 42,601.26               | \$ 33,080.39         | \$ 5,892.50                          | \$ 478,780.60                           | \$ 555,462.25  | \$ 55,526.23   | \$ 611,008.48                                     | \$ 152,752.13  | \$ 305,504.24  | \$ 458,256.36  |                         |                         |                         |  | \$ 305,504.24   |

Florida City Gas (AGI)

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |               |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|---------------|
| New Construction  | 121                         | \$ 16,396.24               | \$ 16,155.44         | \$ 1,891.67                          | \$ 229,237.65                           | \$ 261,789.34  | \$ 26,178.98   | \$ 287,968.27                        | \$ 71,992.07   | \$ 143,984.14  | \$ 215,976.21  |                         |                         |                         | 103,172                                  |               |
| Replacement (E2G) | 55                          | \$ 7,480.11                | \$ 7,370.26          | \$ 2,237.50                          | \$ 123,899.59                           | \$ 138,549.96  | \$ 13,855.00   | \$ 152,404.96                        | \$ 38,301.74   | \$ 76,202.48   | \$ 114,903.72  |                         |                         |                         |  |               |
| Retention (G2G)   | 158                         | \$ 21,377.23               | \$ 21,063.28         | \$ 1,763.33                          | \$ 278,601.08                           | \$ 321,041.58  | \$ 32,104.36   | \$ 353,145.74                        | \$ 88,286.44   | \$ 176,572.87  | \$ 264,859.31  |                         |                         |                         |  |               |
|                   | 334                         | \$ 45,253.58               | \$ 44,588.98         | \$ 5,892.50                          | \$ 631,738.32                           | \$ 721,380.89  | \$ 72,138.09   | \$ 793,518.98                        | \$ 198,379.74  | \$ 396,759.49  | \$ 585,139.23  |                         |                         |                         |  | \$ 396,759.49 |

TECO

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |                 |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|-----------------|
| New Construction  | 376                         | \$ 20,703.62               | \$ 15,684.50         | \$ 1,891.67                          | \$ 711,176.38                           | \$ 748,554.49  | \$ 74,855.45   | \$ 823,430.94                        | \$ 205,855.24  | \$ 411,710.47  | \$ 617,565.71  |                         |                         |                         | 525,516                                  |                 |
| Replacement (E2G) | 172                         | \$ 9,445.18                | \$ 7,155.41          | \$ 2,237.50                          | \$ 184,299.55                           | \$ 200,900.14  | \$ 20,090.01   | \$ 220,990.15                        | \$ 55,247.54   | \$ 110,495.07  | \$ 165,742.61  |                         |                         |                         |  |                 |
| Retention (G2G)   | 491                         | \$ 26,993.13               | \$ 20,449.26         | \$ 1,763.33                          | \$ 855,514.54                           | \$ 912,076.93  | \$ 91,207.69   | \$ 1,003,284.63                      | \$ 251,028.66  | \$ 502,137.31  | \$ 753,205.97  |                         |                         |                         |  |                 |
|                   | 1039                        | \$ 57,141.93               | \$ 43,289.16         | \$ 5,892.50                          | \$ 1,751,010.47                         | \$ 1,861,528.56                                      | \$ 186,153.15  | \$ 2,047,681.72                      | \$ 512,131.41  | \$ 1,024,262.85  | \$ 1,540,514.29  |                         |                         |                         |  | \$ 1,540,514.29 |

Central Florida Gas

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |              |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|--------------|
| New Construction  | 12                          | \$ 2,006.97                | \$ 4,966.41          | \$ 1,891.67                          | \$ 23,368.55                            | \$ 30,343.93   | \$ 3,034.29  | \$ 33,378.22                         | \$ 8,344.03  | \$ 16,688.06   | \$ 25,032.09   |                         |                         |                         | 14,619                                   |              |
| Replacement (E2G) | 6                           | \$ 315.60                  | \$ 2,265.72          | \$ 2,237.50                          | \$ 12,609.57                            | \$ 15,791.29   | \$ 1,579.23  | \$ 17,370.42                         | \$ 4,342.60  | \$ 8,685.21  | \$ 13,027.81   |                         |                         |                         |  |              |
| Retention (G2G)   | 16                          | \$ 2,816.66                | \$ 6,475.14          | \$ 1,763.33                          | \$ 38,400.68                            | \$ 37,492.48   | \$ 3,749.25  | \$ 41,241.73                         | \$ 10,310.43   | \$ 20,620.86   | \$ 30,931.30   |                         |                         |                         |  |              |
|                   | 34                          | \$ 5,139.23                | \$ 13,707.28         | \$ 5,892.50                          | \$ 64,378.80                            | \$ 65,327.90   | \$ 6,562.77  | \$ 71,890.67                         | \$ 22,997.07   | \$ 45,994.13   | \$ 68,991.20   |                         |                         |                         |  | \$ 68,991.20 |

Indian town

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |             |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|-------------|
| New Construction  | 1                           | \$ 167.66                  | \$ 130.19            | \$ 1,891.67                          | \$ 1,891.67                             | \$ 2,185.52  | \$ 218.85  | \$ 2,404.37                          | \$ 602.12  | \$ 1,204.23  | \$ 1,806.35  |                         |                         |                         | 728                                      |             |
| Replacement (E2G) | 1                           | \$ 167.66                  | \$ 130.19            | \$ 2,237.50                          | \$ 2,237.50                             | \$ 2,535.35  | \$ 253.54  | \$ 2,788.89                          | \$ 697.22  | \$ 1,394.44  | \$ 2,091.66  |                         |                         |                         |  |             |
| Retention (G2G)   | 2                           | \$ 335.32                  | \$ 260.38            | \$ 1,763.33                          | \$ 3,526.67                             | \$ 4,122.37  | \$ 412.24  | \$ 4,534.60                          | \$ 1,133.65  | \$ 2,267.30  | \$ 3,400.95  |                         |                         |                         |  |             |
|                   | 4                           | \$ 670.64                  | \$ 520.76            | \$ 5,892.50                          | \$ 7,655.83                             | \$ 8,840.23  | \$ 884.72  | \$ 9,724.95                          | \$ 2,433.99  | \$ 4,867.98  | \$ 7,298.97  |                         |                         |                         |  | \$ 7,298.97 |

Sebring

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |              |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|--------------|
| New Construction  | 27                          | \$ 102.57                  | \$ 85.34             | \$ 1,891.67                          | \$ 5,136.40                             | \$ 5,354.31  | \$ 535.43  | \$ 5,889.74                          | \$ 1,472.43  | \$ 2,944.87  | \$ 4,417.30  |                         |                         |                         | 4,619                                    |              |
| Replacement (E2G) | 12                          | \$ 46.79                   | \$ 38.93             | \$ 2,237.50                          | \$ 2,787.86                             | \$ 2,871.58  | \$ 287.36  | \$ 3,160.94                          | \$ 790.23  | \$ 1,580.47  | \$ 2,370.70  |                         |                         |                         |  |              |
| Retention (G2G)   | 16                          | \$ 133.73                  | \$ 111.26            | \$ 1,763.33                          | \$ 6,278.92                             | \$ 6,523.91  | \$ 652.39  | \$ 7,176.10                          | \$ 1,794.08  | \$ 3,588.15  | \$ 5,382.23  |                         |                         |                         |  |              |
|                   | 55                          | \$ 283.09                  | \$ 235.53            | \$ 5,892.50                          | \$ 14,203.18                            | \$ 14,750.80   | \$ 1,475.18  | \$ 16,226.98                         | \$ 4,056.74  | \$ 8,113.49  | \$ 12,170.23   |                         |                         |                         |  | \$ 12,170.23 |

St. Joe

|                   | Estimated # of Participants | Estimated Advertising Cost | Estimated Labor Cost | Average Cost Per Rebate <sup>1</sup> | Total Projected Commercial Rebate Costs | Subtotal Projected Labor, Advertising & Rebate Costs | Total Projected Commercial Common Costs <sup>2</sup> | Total Projected Cost Impacts to ECCR | Total Projected Cost Impacts to ECCR (Year 1 of Program-25% Participation) | Total Projected Cost Impacts to ECCR (Year 2 of Program-50% Participation) | Total Projected Cost Impacts to ECCR (Year 3 of Program-75% Participation) | ECCR Rate Impact Year 1 | ECCR Rate Impact Year 2 | ECCR Rate Impact Year 3 | Number of Combined Res & Comm. Customers |              |
|-------------------|-----------------------------|----------------------------|----------------------|--------------------------------------|---|--|--|--------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|--|--------------|
| New Construction  | 436                         | \$ 764.18                  | \$ 593.80            | \$ 1,891.67                          | \$ 8,617.07                             | \$ 9,979.65  | \$ 997.97  | \$ 10,977.62                         | \$ 2,744.40  | \$ 5,488.81  | \$ 8,233.21  |                         |                         |                         | 2,916                                    |              |
| Replacement (E2G) | 208                         | \$ 348.63                  | \$ 270.71            | \$ 2,237.50                          | \$ 4,652.58                             | \$ 5,371.32  | \$ 537.29  | \$ 5,908.61                          | \$ 1,478.78  | \$ 2,957.56  | \$ 4,436.33  |                         |                         |                         |  |              |
| Retention (G2G)   | 594                         | \$ 996.33                  | \$ 773.66            | \$ 1,763.33                          | \$ 10,478.73                            | \$ 12,248.72   | \$ 1,224.87  | \$ 13,473.59                         | \$ 3,368.40  | \$ 6,736.80  | \$ 10,105.19   |                         |                         |                         |  |              |
|                   | 1,238                       | \$ 2,109.14                | \$ 1,638.17          | \$ 5,892.50                          | \$ 23,548.38                            | \$ 27,600.29   | \$ 2,750.93  | \$ 29,351.22                         | \$ 7,591.58  | \$ 15,183.16   | \$ 22,674.74   |                         |                         |                         |  | \$ 22,674.74 |

<sup>1</sup>Rebate dollar cost derived by taking an multiplying participants by the average rebate dollar amount for each of 4 Building Type Programs  
<sup>2</sup>A 10% Common Cost was added to the ECCR Impact Projections to account for unanticipated expense projections, utilities may increase or decrease % for budgeting purposes