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August 19, 2016

E-Portal

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


Re: Docket No. 160003-GU - Purchased gas adjustment (PGA) true-up.

Dear Ms. Stauffer:

Attached for electronic filing, please find the Petition for Approval of PGA Factor, accompanied by the Direct Testimony and Exhibit MDN-2 of Ms. Michelle Napier, submitted in the referenced Docket on behalf of Florida Public Utilities Company.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,


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

MEK
cc: Parties of Record

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Purchased Gas Adjustment)
(PGA) True-Up)
_____)

Docket No. 160003-GU

Filed: August 19, 2016

**PETITION FOR APPROVAL OF THE PURCHASED GAS (PGA)
FACTOR FOR FLORIDA PUBLIC UTILITIES COMPANY**

Florida Public Utilities Company (“FPUC” or “the Company”) hereby files its petition for approval of its Purchased Gas Adjustment (“PGA”) factor to be applied for service to be rendered during the projected period of January 1, 2017 through December 31, 2017. In support of this Petition, FPUC states:

1. The Company is a natural gas utility with its principal office located at:

Florida Public Utilities Company
1750 S 14th Street, Suite 200
Fernandina Beach FL 32034

2. The name and mailing address of the persons authorized to receive notices are:

Beth Keating, Esq
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301-1839
(850) 521-1706
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Mike Cassel, Director/Regulatory and
Governmental Affairs
Florida Public Utilities Company
1750 S 14th Street, Suite 200
Fernandina Beach FL 32034
mcassel@fpuc.com

3. Pursuant to the requirements in this docket, FPUC, concurrently with the filing of this petition, files testimony and Schedules E-1, E-1R, E-2, E-3, E-4, and E-5 (Exhibit MDN-2) for its consolidated gas division to support the calculation of the PGA recovery (cap) factor for the period January 2017 through December 2017.
4. As indicated in the testimony of Ms. Michelle D. Napier, FPUC has calculated its total net true-up (including interest and applicable regulatory assessment fees) for the period

January 2015 through December 2015 to be an under-recovery of \$ \$1,970,827, inclusive of interest.

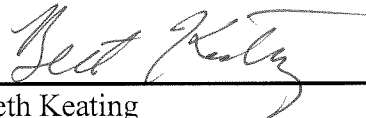
5. Schedule E-4 also shows the projected true-up for the current period January 2016 through December 2016 is an over-recovery of \$1,642,359, inclusive of interest.
6. The total true-up as shown on Schedule E-4 is an under-recovery of \$328,468 to be applied to the projected period.
7. Consistent with the prior year, the Company's projected period costs include amounts associated with anticipated capacity costs for extending service to unserved areas, including a further expansion in western Palm Beach County. In addition, the Company has included costs allocated from the Company's sister utility, the Florida Division of Chesapeake Utilities Corporation, in accordance with Order PSC-15-0321-PAA-GU, issued August 10, 2015, in Docket No. 150117-GU. These costs are reflected in Schedules E-1 and E-3, which are incorporated in composite Exhibit MDN-2 to the Direct Testimony of Ms. Napier.
8. The Company has also included legal and consulting costs incurred in the analysis of capacity and capacity-related costs assigned through the PGA and the development of a mechanism to equitably reallocate those costs to reduce the amount passed on to customers subject to the PGA mechanism. The Company seeks recovery of these costs consistent with prior Commission rulings allowing recovery of similar such costs.
9. The Company notes that it has revised its projections, as shown on Schedule E-1R, for the period July 2016 – December 2016 to more accurately reflect the expectation of these costs for the remainder of the year.
10. The Company has forecasted the 2017 weighted average cost of gas using the projected monthly pipeline demand costs, less the projected cost of capacity temporarily

relinquished to third parties, the projected pipeline usage and no-notice costs, and the projected supplier commodity costs. As explained in the testimony of Company witness Napier, the sum of these costs is then divided by projected therm sales to traditional, non-transportation service customers.

11. Based on the estimated therm purchases for resale during the projected period, Schedule E-1 reflects that the maximum purchased gas cost recovery factor is 98.148¢ per therm. This rate includes not only the projected cost of gas purchased, but also the prior period true-up and revenue tax factors.

WHEREFORE, FPUC respectfully requests that the Commission enter its Order approving the Company's proposed PGA cost recovery factor cap of 98.148 cents per therm to be applied to customer's bills for the period January 2017 through December 2017.

RESPECTFULLY SUBMITTED this 19th day of August, 2016.




Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706
Attorneys for Florida Public Utilities Company

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of FPUC's Petition for Approval of PGA Factor, in Docket No. 160003-GU, along with the Testimony and Exhibit of Michelle D. Napier, has been furnished by electronic mail to the following parties of record this 19th day of August, 2016:

Florida Public Utilities Company Mike Cassel 1750 S 14 th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com	MacFarlane Ferguson Law Firm Ansley Watson, Jr./Andrew Brown P.O. Box 1531 Tampa, FL 33601-1531 aw@macfar.com/AB@macfar.com
Margo Leathers, Esquire Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399 mleather@psc.state.fl.us	Office of Public Counsel J.R. Kelly/Patricia Christensen c/o The Florida Legislature 111 West Madison Street Room 812 Tallahassee, FL 32399-1400 Kelly.JR@leg.state.fl.us Christensen.Patty@leg.state.fl.us
Peoples Gas System Paula K. Brown/Kandi Floyd P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com kfloyd@tecoenergy.com	St. Joe Natural Gas Company, Inc. Mr. Andy Shoaf P.O. Box 549 Port St. Joe, FL 32457-0549 Andy@stjoegas.com
Florida City Gas Carolyn Bermudez 933 East 25 th Street Hialeah, FL 33013-3498 cbermudez@aglresources.com	AGL Resources Inc. Elizabeth Wade Ten Peachtree Place Location 1470 Atlanta, GA 30309 ewade@aglresources.com
Blake O’Farrow, Director Regulatory Affairs/Florida and Tennessee AGL Resources 10 Peachtree Place Location 1686 Atlanta, GA 30309 bofarrow@aglresources.com	



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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 160003-GU - In Re: Purchased Gas Adjustment (PGA) True-Up.

(Actual/Estimated and Projections)

DIRECT TESTIMONY

OF MICHELLE D. NAPIER

On behalf of Florida Public Utilities Company

1 Q. Please state your name and business address.

2 A. My name is Michelle D. Napier. My business address is 1641 Worthington
3 Road, Suite 220, West Palm Beach, Florida 33409.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by Florida Public Utilities Company (FPUC) as the Senior
6 Regulatory Analyst.

7 Q. Can you please provide a brief overview of your educational and employment
8 background?

9 A. I graduated from University of South Florida in 1986 with a BS degree in
10 Finance. I have been employed with FPUC since 1987. During my
11 employment at FPUC, I have performed various roles and functions in
12 accounting, management and most recently, regulatory accounting (PGA,
13 conservation, earnings surveillance reports, regulatory reporting).

14 Q. Are you familiar with the Purchased Gas Adjustment (PGA) clause of the
15 Company and the associated projected and actual revenues and costs?

16 A. Yes.

17 Q. What is the purpose of your testimony in this docket?

18 A. My testimony will establish the PGA "true-up" collection amount, based on

1 actual January 2015 through June 2016 data and projected July through
2 December 2016 data. My testimony will describe the Company's forecast of
3 pipeline charges and commodity costs of natural gas for 2017. Finally, I will
4 summarize the computations that are contained in composite exhibit MDN-2
5 supporting the January through December 2017 projected PGA recovery (cap)
6 factor for the FPUC consolidated gas division

7 Q. Which schedules have you included in your Exhibit MDN-2??

8 A. The Company has previously filed True-Up schedules A-1, A-2, A-3, A-4, A-
9 5, A-6 and A-7 in this proceeding. Exhibit MDN-2, which is included with
10 my testimony, contains Schedules E-1, E-1/R, E-2, E-3, E-4, and E-5 for the
11 FPUC consolidated gas division. These schedules support the calculation of the
12 PGA recovery (cap) factor for January through December 2017.

13 Q. Have there been any changes in the PGA filing compared to the prior year?

14 A. Yes. As shown on Schedule E-1R, the Company revised projected purchased
15 gas costs for the period July 2016 – December 2016, reducing the amount to
16 more accurately reflect the expectation of these costs for the remainder of the
17 year.

18 Q. Please describe how the forecasts of pipeline charges and commodity costs of
19 gas were developed for the projection period.

20 A. The purchases for the gas cost projection model are based on projected sales to
21 traditional non-transportation service customers. Florida Gas Transmission
22 Company's (FGT) FTS-1, FTS-2, NNTS-1 and ITS-1 effective charges
23 (including surcharges) and fuel rates, based on the prices from the FGT rate

1 case settlement, were used for the entire projection period. As is further
2 explained herein, the Company has also included costs related to further
3 expansion in Palm Beach County. The expected costs of natural gas purchased
4 by the Company during the projection period were developed using actual
5 prices paid during relevant historical periods and the Henry Hub natural gas
6 futures pricing through the end of the projection period. The forecasts of the
7 commodity costs were then adjusted to reflect the unexpected potential market
8 increases in the projection period.

9 Q. Please describe how the forecasts of the weighted average cost of gas are
10 developed for the projection period.

11 A. The Company has forecasted the 2017-weighted average cost of gas using the
12 projected monthly pipeline demand costs, less the projected cost of capacity
13 temporarily relinquished to third parties, the projected pipeline usage and no-
14 notice costs and the projected supplier commodity costs. The sum of these
15 costs are then divided by the projected therm sales to the traditional non-
16 transportation customers resulting in the projected weighted average cost of
17 gas and ultimately the PGA recovery (cap) factor, as shown on Schedule E-1.
18 Capacity shortfall, if any, would be satisfied by gas and capacity repackaged
19 and delivered by another FGT capacity holder. If other services become
20 available and it is economic to dispatch supplies under those services, the
21 Company will utilize those services as part of its portfolio.

22 Q. Please describe any additional planned expansion opportunities.

1 A. The Company continues to pursue the opportunity to expand and reinforce its
2 distribution system in Palm Beach County. This expansion (Palm Beach
3 Connector) was initially scheduled to begin this year but has been delayed until
4 2017. The Palm Beach connector will enable FPUC to move additional
5 capacity to western Palm Beach County to support an expanding area. This
6 potential project includes a planned large residential and commercial
7 community by Minto in the far western portion of Palm Beach County. In
8 addition to providing for the potential growth at Minto, the Palm Beach
9 connector will allow FPUC to move additional capacity to the eastern part of
10 Palm Beach County, which is becoming increasingly more constrained. This
11 potential for additional capacity from the Palm Beach connector will help
12 FPUC to reinforce the southeastern section of its distribution system, as well as
13 continue expanding in the area.

14 Q. Are the pipeline capacity and supply costs associated with expansions
15 appropriate for recovery in the PGA docket?

16 A. Yes. Historically, the Commission has allowed recovery, through the clause, of
17 upstream transmission pipeline capacity, transportation and related supply
18 costs associated with service expansions to new areas.

19 Q. Did you include costs of other expansions or interconnects related to Florida
20 Division of Chesapeake Utilities (CFG) in the calculations of your true-up and
21 projected amounts?

22 A. Yes. There is a local distribution company (LDC) to LDC interconnect with
23 TECO/PGS and CFG for pressure stabilization of CFG's system in Hernando

1 County. In addition, there is an interconnection to CFG's facilities for
2 Gulfstream's Baseball City Gate southward through Davenport and Haines
3 City.

4 Q. Please explain how these costs incurred by CFG are recoverable under the
5 PGA clause.

6 A. Consistent with the prior year, the modified cost allocation methodology and
7 revised purchased gas adjustment calculation approved by the Commission by
8 Order No. PSC-15-0321-PAA-GU, issued August 10, 2015, has been applied
9 to allocate these costs.

10 Q. Will there be a Phase II (Swing Service Rider) and if so, what will the Rider
11 entail?

12 A. Yes. On April 11, 2016, Docket No. 160085, Florida Public Utilities, Florida
13 Division of Chesapeake Utilities (CFG), Florida Public Utilities Indiantown
14 and Ft. Meade Divisions (the Companies) filed a joint petition for approval of
15 the Swing Service Rider with this Commission. The Swing Service Rider
16 proposes that the allocation of all costs be expanded to include transportation
17 service customers on FPUC's system (i.e., customers who are not part of the
18 current PGA mechanism) as well as shippers on CFG's system that are not part
19 of the TTS pools. The Companies believe that these customers ultimately
20 should bear their fair portion of the intrastate capacity costs. However, the
21 Companies recognize that shippers for these larger classes of customers
22 provide a service under contracts that will likely need to be amended to adjust

1 for the revised cost allocations and systems need to be implemented to allow
2 for billing of these charges to transportation customers and/or shippers.

3 Q. What is the estimated effect of Swing Service Rider on PGA factor?

4 A. The Company anticipates future savings related to Swing Service Rider since
5 the costs will be allocated over a broader base of customers. However, the
6 anticipated savings are not reflected in this filing.

7 Q. Have the appropriate related costs been included in the Projections for 2017?

8 A. Yes, as more specifically reflected in Schedule E-1 and E-3 of Exhibit MDN-2,
9 the Company has included the costs of existing and planned interstate and
10 intrastate capacity agreements, as well as the costs associated with the
11 approved Phase I capacity allocation methodology as described above.

12 Q. Did you include costs in addition to the costs specific to purchased gas in the
13 calculations of your true-up and projected amounts?

14 A. Yes, included with our purchased gas costs are consulting (Pierpont and
15 McLelland, LLC) and legal expenses (Gunster, Yoakley & Stewart, P.A.) for
16 assistance in the development and enactment of the consolidation and
17 allocation of interstate and intrastate pipeline capacity (Swing Service Rider), a
18 mechanism designed to reduce the allocated cost of the total delivered price of
19 natural gas to customers subject to the PGA. Additionally, the Company has
20 included costs associated with a software tool (Cardinal Technology) used by
21 the Company to manage customer usage and assist in determining the gas
22 supply needs for the rate classes subject to the PGA. These costs directly

1 influence the Company's PGA factor and are appropriate for recovery through
2 the PGA clause.

3 Q. Please explain how these costs were determined to be recoverable under the
4 PGA clause.

5 A. The costs the Company has included are PGA-related costs and were not
6 anticipated or included in the cost levels used to establish the current base
7 rates. To be clear, these costs are not tied to the Company's internal staff
8 involvement in purchased gas procurement and administration. Instead, these
9 costs are associated with external contracts, which were unanticipated, but are
10 integrally related to the gas purchase function. These costs either relate to fuel
11 savings, or to the Company's efforts to protect current fuel savings, and
12 directly benefit our customers. These are costs that have historically been
13 allowed for recovery through the PGA and are not being recovered through the
14 Companies' base rates.

15 Q. What is the appropriate final PGA true-up amount for the period
16 January through December 2015?

17 A. As shown on Schedule E-4, the final PGA true-up amount for the period
18 January through December 2015 is an under-recovery of \$1,970,827, inclusive
19 of interest.

20 Q. What is the projected PGA true-up amount for the period January through
21 December 2016?

22 A. As also shown on Schedule E-4, the projected PGA true-up amount is an over-
23 recovery of \$1,642,359, inclusive of interest, for the period January through

1 December 2016.

2 Q. What is the projection period for this filing?

3 A. The projection period is January through December 2017.

4 Q. What is the total projected PGA true-up amount to be collected from or
5 refunded to customers for the period January through December 2017?

6 A. As shown on Schedule E-4, the total net under-recovery to be collected for the
7 period January through December 2017 is \$328,468.

8 Q. What is the appropriate PGA recovery (cap) factor for the period January
9 through December 2017?

10 A. As shown on Schedule E-1, the PGA recovery (cap) factor is 98.148¢ per
11 therm for the period January through December 2017.

12 Q. What should be the effective date of the PGA recovery (cap) factor for billing
13 purposes?

14 A. The PGA recovery (cap) factor should be effective for all meter readings
15 during the period of January 1, 2017 through December 31, 2017.

16 Q. Does this conclude your testimony?

17 A. Yes.

COMPANY:		PURCHASED GAS ADJUSTMENT											SCHEDULE E-1	
FLORIDA PUBLIC UTILITIES COMPANY		COST RECOVERY CLAUSE CALCULATION												
ESTIMATED FOR THE PROJECTED PERIOD JANUARY 2017 THROUGH DECEMBER 2017														
		PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	TOTAL	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
COST OF GAS PURCHASED														
1	COMMODITY (Pipeline)	\$222,134	\$258,898	\$184,209	\$5,828	\$156,478	\$121,021	\$115,353	\$104,523	\$112,726	\$44,377	\$100,366	\$176,869	\$1,602,782
2	NO NOTICE SERVICE	\$893	\$638	\$588	\$393	\$167	\$161	\$165	\$165	\$158	\$312	\$508	\$707	\$4,855
3	SWING SERVICE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	COMMODITY (Other)	\$3,446,451	\$3,575,607	\$3,103,023	\$2,495,645	\$1,942,193	\$1,676,536	\$1,673,379	\$1,599,966	\$1,623,528	\$1,749,182	\$2,106,441	\$2,760,328	\$27,752,279
5	DEMAND	\$658,562	\$631,374	\$658,562	\$831,731	\$620,358	\$660,734	\$666,413	\$666,413	\$660,734	\$719,092	\$898,182	\$911,776	\$8,583,931
6	OTHER	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$97,000
LESS END-USE CONTRACT:														
7	COMMODITY (Pipeline)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	COMMODITY (Other)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Second Prior Month Purchase Adj. (OPTIONAL)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	TOTAL COST (+1+2+3+4+5+6+10)-(7+8+9)	\$4,336,123	\$4,474,600	\$3,954,465	\$3,341,680	\$2,727,279	\$2,466,535	\$2,463,393	\$2,379,150	\$2,405,229	\$2,521,046	\$3,113,580	\$3,857,767	\$38,040,847
12	NET UNBILLED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	COMPANY USE	\$900	\$1,400	\$900	\$800	\$700	\$900	\$1,000	\$900	\$900	\$800	\$900	\$800	\$10,900
14	TOTAL THERM SALES	\$4,335,223	\$4,473,200	\$3,953,565	\$3,340,880	\$2,726,579	\$2,465,635	\$2,462,393	\$2,378,250	\$2,404,329	\$2,520,246	\$3,112,680	\$3,856,967	\$38,029,947
THERMS PURCHASED														
15	COMMODITY (Pipeline)	4,484,630	4,664,160	4,085,250	3,448,450	2,951,020	2,535,590	2,517,940	2,403,900	2,448,240	2,624,890	3,133,110	4,007,950	39,305,130
16	NO NOTICE SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-
17	SWING SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-
18	COMMODITY (Other)	4,484,630	4,664,160	4,085,250	3,448,450	2,951,020	2,535,590	2,517,940	2,403,900	2,448,240	2,624,890	3,133,110	4,007,950	39,305,130
19	DEMAND	2,184,260	1,972,880	2,184,260	5,355,000	1,326,800	1,284,000	1,326,800	1,326,800	1,284,000	2,196,660	2,113,800	2,184,260	24,739,520
20	OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-
LESS END-USE CONTRACT:														
21	COMMODITY (Pipeline)	-	-	-	-	-	-	-	-	-	-	-	-	-
22	DEMAND	-	-	-	-	-	-	-	-	-	-	-	-	-
23	COMMODITY (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-
24	TOTAL PURCHASES (+17+18+20)-(21+23)	4,484,630	4,664,160	4,085,250	3,448,450	2,951,020	2,535,590	2,517,940	2,403,900	2,448,240	2,624,890	3,133,110	4,007,950	39,305,130
25	NET UNBILLED	-	-	-	-	-	-	-	-	-	-	-	-	-
26	COMPANY USE	1,208	1,776	1,146	1,107	1,125	1,304	1,455	1,347	1,312	1,175	1,282	1,198	15,435
27	TOTAL THERM SALES (For Estimated, 24 - 26)	4,483,422	4,662,384	4,084,104	3,447,343	2,949,895	2,534,286	2,516,485	2,402,553	2,446,928	2,623,715	3,131,828	4,006,752	39,289,695
CENTS PER THERM														
28	COMMODITY (Pipeline) (1/15)	4.953	5.551	4.509	0.169	5.303	4.773	4.581	4.348	4.604	1.691	3.203	4.413	4.078
29	NO NOTICE SERVICE (2/16)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
30	SWING SERVICE (3/17)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
31	COMMODITY (Other) (4/18)	76.850	76.661	75.957	72.370	65.814	66.120	66.458	66.557	66.314	66.638	67.232	68.871	70.607
32	DEMAND (5/19)	30.150	32.003	30.150	15.532	46.756	51.459	50.227	50.227	51.459	32.736	42.491	41.743	34.697
33	OTHER (6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESS END-USE CONTRACT:														
34	COMMODITY Pipeline (7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	DEMAND (8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	COMMODITY Other (9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	TOTAL COST OF PURCHASES (11/24)	96.689	95.936	96.799	96.904	92.418	97.277	97.834	98.970	98.243	96.044	99.377	96.253	96.783
38	NET UNBILLED (12/25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	COMPANY USE (13/26)	74.503	78.829	78.534	72.267	62.222	69.018	68.729	66.815	68.598	68.085	70.203	66.778	70.619
40	TOTAL COST OF THERM SOLD (13/27)	96.715	95.972	96.826	96.935	92.453	97.327	97.890	99.026	98.296	96.087	99.417	96.282	96.821
41	TRUE-UP (REFUND)/RECOVER (E-4)	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
42	TOTAL COST OF GAS (40+41)	97.551	96.808	97.662	97.771	93.289	98.163	98.726	99.862	99.132	96.923	100.253	97.118	97.657
43	REVENUE TAX FACTOR	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503
44	PGA FACTOR ADJUSTED FOR TAXES (42x43)	98.04078	97.29482	98.15252	98.26224	93.75821	98.65589	99.22233	100.36372	99.63000	97.40992	100.75711	97.60567	98.14816
45	PGA FACTOR (ROUNDED TO NEAREST .001)	98.041	97.295	98.153	98.262	93.758	98.656	99.222	100.364	99.630	97.410	100.757	97.606	98.148

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY	PURCHASED GAS ADJUSTMENT COST RECOVERY CLAUSE CALCULATION ACTUAL JANUARY 2016 THROUGH JUNE 2016 ESTIMATED JULY 2016 THROUGH DECEMBER 2016												SCHEDULE E-1/R		
	ACTUAL			ACTUAL			ACTUAL			ACTUAL			PROJECTED		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL		
COST OF GAS PURCHASED															
1 COMMODITY (Pipeline)	\$74,715	\$72,905	\$69,874	\$61,437	\$52,323	(283,723)	\$8,143	\$8,143	\$7,880	\$8,969	\$18,836	\$19,463	\$118,966		
2 NO NOTICE SERVICE	\$7,235	\$6,584	\$5,853	\$3,915	\$1,660	\$1,606	\$165	\$165	\$158	\$312	\$508	\$707	\$28,868		
3 SWING SERVICE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
4 COMMODITY (Other)	\$971,192	\$765,771	\$655,312	\$503,660	\$398,957	\$790,321	\$4,592,057	\$4,676,266	\$4,522,789	\$5,166,610	\$11,000,268	\$11,641,276	\$45,684,479		
5 DEMAND	\$817,713	\$827,437	\$867,644	\$724,709	\$481,811	\$793,013	\$526,091	\$526,091	\$517,159	\$558,823	\$911,143	\$933,209	\$8,484,843		
6 OTHER	\$5,091	\$5,798	\$5,218	\$7,358	\$8,014	\$5,344	\$4,257	\$4,257	\$4,257	\$4,257	\$4,257	\$4,257	\$62,365		
LESS END-USE CONTRACT:															
7 COMMODITY (Pipeline)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
8 DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
9 COMMODITY (Other)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
10 Second Prior Month Purchase Adj. (OPTIONAL)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
11 TOTAL COST (1+2+3+4+5+6+7+8+9)	\$1,875,946	\$1,678,496	\$1,603,903	\$1,301,079	\$942,765	\$1,306,561	\$5,130,713	\$5,214,922	\$5,052,243	\$5,738,971	\$11,935,012	\$12,598,912	\$54,379,521		
12 NET UNBILLED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
13 COMPANY USE	\$589	\$866	\$559	\$606	\$660	\$766	\$1,300	\$1,000	\$1,100	\$1,100	\$1,200	\$1,600	\$11,346		
14 TOTAL THERM SALES	\$2,183,161	\$2,546,758	\$2,089,943	\$1,267,851	\$1,143,994	\$942,094	\$5,129,413	\$5,213,922	\$5,051,143	\$5,737,871	\$11,933,812	\$12,597,312	\$55,837,273		
THERMS PURCHASED															
15 COMMODITY (Pipeline)	4,640,880	3,944,424	4,058,921	3,187,849	612,736	(1,566,801)	5,219,470	5,219,470	5,051,100	5,749,260	12,074,400	12,476,880	60,668,589		
16 NO NOTICE SERVICE	1,860,000	1,377,500	1,224,500	819,000	347,200	336,000	-	-	-	-	-	-	5,964,200		
17 SWING SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	0		
18 COMMODITY (Other)	5,936,360	5,830,500	5,103,270	304,037	2,033,210	(957,060)	5,219,470	5,219,470	5,051,100	5,749,260	12,074,400	12,476,880	64,040,897		
19 DEMAND	8,946,040	8,387,530	8,951,780	5,407,720	2,118,050	3,675,795	5,219,470	5,219,470	5,051,100	5,749,260	12,074,400	12,476,880	83,277,495		
20 OTHER	-	-	-	-	-	-	-	-	-	-	-	-	0		
LESS END-USE CONTRACT:															
21 COMMODITY (Pipeline)	-	-	-	-	-	-	-	-	-	-	-	-	0		
22 DEMAND	-	-	-	-	-	-	-	-	-	-	-	-	0		
23 COMMODITY (Other)	-	-	-	-	-	-	-	-	-	-	-	-	0		
24 TOTAL PURCHASES (15+16+17+18+19+20+21+22+23)	5,936,360	5,830,500	5,103,270	304,037	2,033,210	-957,060	5,219,470	5,219,470	5,051,100	5,749,260	12,074,400	12,476,880	64,040,897		
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0		
26 COMPANY USE	1,208	1,776	1,146	1,107	1,125	1,304	1,455	1,159	1,269	1,178	1,294	1,712	15,733		
27 TOTAL THERM SALES (For Estimated, 24 - 26)	4,396,739	4,970,161	4,125,327	3,291,598	2,808,143	2,256,859	5,218,015	5,218,311	5,049,831	5,748,082	12,073,106	12,475,168	67,631,340		
CENTS PER THERM															
28 COMMODITY (Pipeline) (1/15)	1.610	1.848	1.722	1.927	8.539	18.108	0.156	0.156	0.156	0.156	0.156	0.156	0.196		
29 NO NOTICE SERVICE (2/16)	0.389	0.478	0.478	0.478	0.478	0.478	0.000	0.000	0.000	0.000	0.000	0.000	0.484		
30 SWING SERVICE (3/17)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
31 COMMODITY (Other) (4/18)	16.360	13.134	12.841	165.657	19.622	(82.578)	87.979	89.593	89.541	89.866	91.104	93.303	71.336		
32 DEMAND (5/19)	9.141	9.865	9.692	13.401	22.748	21.574	10.079	10.079	10.239	9.720	7.546	7.480	10.189		
33 OTHER (6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
LESS END-USE CONTRACT:															
34 COMMODITY Pipeline (7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
35 DEMAND (8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
36 COMMODITY Other (9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
37 TOTAL COST OF PURCHASES (11+12+13+14+15+16+17+18+19+20+21+22+23)	31.601	28.788	31.429	427.934	46.368	(136.518)	98.300	99.913	100.023	99.821	98.846	100.978	84.914		
38 NET UNBILLED (12+25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
39 COMPANY USE (13+26)	48.772	48.758	48.773	54.716	58.687	58.716	89.347	86.281	86.682	93.379	92.736	93.458	72.114		
40 TOTAL COST OF THERM SOLD (11+12+13+14+15+16+17+18+19+20+21+22+23)	42.667	33.771	38.879	39.527	33.573	57.893	98.327	99.935	100.048	99.841	98.856	100.992	80.406		
41 TRUE-UP (E-4)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)	(1.184)		
42 TOTAL COST OF GAS (40+41)	41.483	32.587	37.695	38.343	32.389	56.709	97.143	98.751	98.864	98.657	97.672	99.808	79.222		
43 REVENUE TAX FACTOR	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503		
44 PGA FACTOR ADJUSTED FOR TAXES (42+43)	41.69121	32.75120	37.88482	38.53594	32.55129	56.99387	97.63105	99.24728	99.36055	99.15325	98.16299	100.30946	79.61989		
45 PGA FACTOR (ROUNDED TO NEAREST .001)	41.691	32.751	37.885	38.536	32.551	56.994	97.631	99.247	99.361	99.153	98.163	100.309	79.620		

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY		PURCHASED GAS ADJUSTMENT CALCULATION OF TRUE-UP AMOUNT ACTUAL JANUARY 2016 THROUGH JUNE 2016 ESTIMATED JULY 2016 THROUGH DECEMBER 2016												SCHEDULE E-2		
		ACTUAL		ACTUAL		ACTUAL		ACTUAL		ACTUAL		PROJECTED		PROJECTED		TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
TRUE-UP CALCULATION																
1	PURCHASED GAS COST	\$971,192	\$765,771	\$655,312	\$503,660	\$398,957	\$790,321	\$4,592,057	\$4,676,266	\$4,522,789	\$5,166,610	\$11,000,268	\$11,641,276	\$45,684,479		
2	TRANSPORTATION COST	\$904,754	\$912,725	\$948,590	\$797,419	\$543,808	\$516,240	\$538,656	\$538,656	\$529,454	\$572,361	\$934,744	\$957,636	\$8,695,042		
3	TOTAL	\$1,875,946	\$1,678,496	\$1,603,903	\$1,301,079	\$942,765	\$1,306,561	\$5,130,713	\$5,214,922	\$5,052,243	\$5,738,971	\$11,935,012	\$12,598,912	\$54,379,521		
4	FUEL REVENUES (NET OF REVENUE TAX)	\$1,702,887	\$1,879,900	\$1,674,057	\$1,617,539	\$1,264,736	\$1,140,955	\$5,068,932	\$5,153,137	\$4,992,453	\$5,670,914	\$11,792,066	\$12,451,206	\$54,408,782		
5	TRUE-UP - (COLLECTED) OR REFUNDED	\$134,437	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$134,442	\$1,613,299		
6	FUEL REVENUE APPLICABLE TO PERIOD <small>Add Lines 5-6</small>	\$1,837,324	\$2,014,342	\$1,808,499	\$1,751,981	\$1,399,178	\$1,275,397	\$5,203,374	\$5,287,579	\$5,126,895	\$5,805,356	\$11,926,508	\$12,585,648	\$56,022,081		
7	TRUE-UP - OVER(UUNDER) - THIS PERIOD <small>Line 6- Line 3</small>	(\$38,622)	\$335,846	\$204,596	\$450,902	\$456,413	(\$31,164)	\$72,661	\$72,657	\$74,652	\$66,385	(\$8,504)	(\$13,264)	\$1,642,560		
8	INTEREST PROVISION -THIS PERIOD <small>Line 21</small>	(\$124)	(\$125)	(\$82)	(\$28)	\$68	\$92	\$55	\$36	\$18	(\$1)	(\$33)	(\$76)	(\$200)		
9	BEGINNING OF PERIOD TRUE-UP AND INTEREST	(\$357,528)	(\$530,711)	(\$329,432)	(\$259,359)	\$57,073	\$379,112	\$213,598	\$151,872	\$90,123	\$30,351	(\$37,707)	(\$180,686)	(\$357,528)		
10	TRUE-UP COLLECTED OR (REFUNDED) <small>Reverse of Line 6</small>	(\$134,437)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$134,442)	(\$1,613,299)		
10a	FLEX RATE REFUND (if applicable)															
11	TOTAL ESTIMATED/ACTUAL TRUE-UP <small>Add Lines 7 + 8 + 9 + 10 + 10a</small>	(\$530,711)	(\$329,432)	(\$259,359)	\$57,073	\$379,112	\$213,598	\$151,872	\$90,123	\$30,351	(\$37,707)	(\$180,686)	(\$328,468)			
INTEREST PROVISION																
12	BEGINNING TRUE-UP <small>Line 9</small>	(\$357,528)	(\$530,711)	(\$329,432)	(\$259,359)	\$57,073	\$379,112	\$213,598	\$151,872	\$90,123	\$30,351	(\$37,707)	(\$180,686)	(\$773,293)		
13	ENDING TRUE-UP BEFORE INTEREST <small>Add Lines 12 + 7 + 10</small>	(\$530,587)	(\$329,307)	(\$259,277)	\$57,101	\$379,044	\$213,506	\$151,817	\$90,087	\$30,333	(\$37,706)	(\$180,653)	(\$328,392)	(\$744,032)		
14	TOTAL (12+13) <small>Add Lines 12 + 13</small>	(\$888,115)	(\$860,018)	(\$588,709)	(\$202,258)	\$436,117	\$592,618	\$365,415	\$241,959	\$120,456	(\$7,355)	(\$218,359)	(\$509,077)	(\$1,517,325)		
15	AVERAGE <small>50% of Line 14</small>	(\$444,058)	(\$430,009)	(\$294,355)	(\$101,129)	\$218,059	\$296,309	\$182,708	\$120,980	\$60,228	(\$3,677)	(\$109,180)	(\$254,539)	(\$758,663)		
16	INTEREST RATE - FIRST DAY OF MONTH	0.34%	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%		
17	INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%		
18	TOTAL <small>Add Lines 15 + 17</small>	0.68%	0.69%	0.67%	0.68%	0.74%	0.74%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%		
19	AVERAGE <small>50% of Line 18</small>	0.340%	0.345%	0.335%	0.340%	0.370%	0.370%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%		
20	MONTHLY AVERAGE <small>Line 19 / 12 mos.</small>	0.028%	0.029%	0.028%	0.028%	0.031%	0.031%	0.030%	0.030%	0.030%	0.030%	0.030%	0.030%	0.030%		
21	INTEREST PROVISION <small>Line 15 x Line 20</small>	(\$124)	(\$125)	(\$82)	(\$28)	\$68	\$92	\$55	\$36	\$18	(\$1)	(\$33)	(\$76)	(\$200)		

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY			PURCHASED GAS ADJUSTMENT TRANSPORTATION PURCHASES SYSTEM SUPPLY AND END USE							SCHEDULE E-3			
ESTIMATED FOR THE PROJECTED PERIOD JANUARY 2017 THROUGH DECEMBER 2017													
MONTH	PURCHASED FROM	PURCHASED FOR	SCH TYPE	UNITS SYSTEM SUPPLY	UNITS END USE	UNITS TOTAL PURCHASED	COMMODITY COST		DEMAND COST	OTHER CHARGES ACA/GRI/FUEL	TOTAL CENTS PER THERM		
							THIRD PARTY	PIPELINE					
JANUARY	VARIOUS	SYS SUPPLY	N/A	4,484,630	0	4,484,630	\$3,446,451	\$230,217	\$659,455	INCLUDED IN COST	96.689		
FEBRUARY	VARIOUS	SYS SUPPLY	N/A	4,664,160	0	4,664,160	\$3,575,607	\$266,981	\$632,012	INCLUDED IN COST	95.936		
MARCH	VARIOUS	SYS SUPPLY	N/A	4,085,250	0	4,085,250	\$3,103,023	\$192,292	\$659,150	INCLUDED IN COST	96.799		
APRIL	VARIOUS	SYS SUPPLY	N/A	3,448,450	0	3,448,450	\$2,495,645	\$13,911	\$832,124	INCLUDED IN COST	96.904		
MAY	VARIOUS	SYS SUPPLY	N/A	2,951,020	0	2,951,020	\$1,942,193	\$164,561	\$620,525	INCLUDED IN COST	92.418		
JUNE	VARIOUS	SYS SUPPLY	N/A	2,535,590	0	2,535,590	\$1,676,536	\$129,104	\$660,895	INCLUDED IN COST	97.277		
JULY	VARIOUS	SYS SUPPLY	N/A	2,517,940	0	2,517,940	\$1,673,379	\$123,436	\$666,578	INCLUDED IN COST	97.834		
AUGUST	VARIOUS	SYS SUPPLY	N/A	2,403,900	0	2,403,900	\$1,599,966	\$112,606	\$666,578	INCLUDED IN COST	98.970		
SEPTEMBER	VARIOUS	SYS SUPPLY	N/A	2,448,240	0	2,448,240	\$1,623,528	\$120,809	\$660,892	INCLUDED IN COST	98.243		
OCTOBER	VARIOUS	SYS SUPPLY	N/A	2,624,890	0	2,624,890	\$1,749,182	\$52,460	\$719,404	INCLUDED IN COST	96.044		
NOVEMBER	VARIOUS	SYS SUPPLY	N/A	3,133,110	0	3,133,110	\$2,106,441	\$108,449	\$898,690	INCLUDED IN COST	99.377		
DECEMBER	VARIOUS	SYS SUPPLY	N/A	4,007,950	0	4,007,950	\$2,760,328	\$184,956	\$912,483	INCLUDED IN COST	96.253		
				TOTAL			39,305,130	0	39,305,130	\$27,752,279	\$1,699,782	\$8,588,786	96.783

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY		PURCHASED GAS ADJUSTMENT CALCULATION OF TRUE-UP AMOUNT ESTIMATED FOR THE PROJECTED PERIOD JANUARY 2017 THROUGH DECEMBER 2017			SCHEDULE E-4	
		PRIOR PERIOD: JANUARY 2015 THROUGH DECEMBER 2015			CURRENT PERIOD: JANUARY 2016 THROUGH DECEMBER 2016	
		(1) SIX MONTHS ACTUAL PLUS SIX MONTHS PROJECTED	(2) ACTUAL	(3) (2) - (1) DIFFERENCE	(4) SIX MONTHS ACTUAL PLUS SIX MONTHS PROJECTED	(5) (3)+(4) COMBINED TOTAL TRUE-UP
1	TOTAL THERM SALES (\$)	\$29,054,955	\$16,186,664	(\$12,868,291)	\$56,022,081	\$43,153,790
2	TRUE-UP PROVISION FOR THE PERIOD OVER/(UNDER) COLLECTION (\$)	\$930,919	(\$1,039,212)	(\$1,970,131)	\$1,642,560	(\$327,571)
3	INTEREST PROVISION FOR THE PERIOD (\$)	\$1,689	\$993	(\$696)	(\$200)	(\$896)
4	END OF PERIOD TOTAL NET TRUE-UP (\$)	\$932,608	(\$1,038,219)	(\$1,970,827)	\$1,642,359	(\$328,468)
TOTAL TRUE-UP DOLLARS - OVER/(UNDER) RECOVERY					(\$328,468)	
PROJECTED THERM SALES FOR JANUARY 2017 - DECEMBER 2017					39,289,695	
CENTS PER THERM NECESSARY TO REFUND OVERRECOVERY / (COLLECT UNDERRECOVERY)					<u>0.836</u>	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY		PURCHASED GAS ADJUSTMENT THERM SALES AND CUSTOMER DATA												SCHEDULE E-5
ESTIMATED FOR THE PROJECTED PERIOD JANUARY 2017 THROUGH DECEMBER 2017														
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
PGA COST														
1	Commodity costs	\$3,446,451	\$3,575,607	\$3,103,023	\$2,495,645	\$1,942,193	\$1,676,536	\$1,673,379	\$1,599,966	\$1,623,528	\$1,749,182	\$2,106,441	\$2,760,328	\$27,752,279
2	Transportation costs	\$881,589	\$890,910	\$843,359	\$837,952	\$777,003	\$781,916	\$781,931	\$771,101	\$773,618	\$763,781	\$999,056	\$1,089,352	\$10,191,568
3	Hedging costs													
4	(financial settlement)													
5	Other	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,083	\$8,087	\$97,000
6	Total	\$4,336,123	\$4,474,600	\$3,954,465	\$3,341,680	\$2,727,279	\$2,466,535	\$2,463,393	\$2,379,150	\$2,405,229	\$2,521,046	\$3,113,580	\$3,857,767	\$38,040,847
PGA THERM SALES														
7	Residential	1,569,620	1,632,456	1,429,837	1,206,957	1,032,857	887,456	881,279	841,365	856,884	918,711	1,096,588	1,402,782	13,756,792
8	Commercial	2,915,010	3,031,704	2,655,413	2,241,493	1,918,163	1,648,134	1,636,661	1,562,535	1,591,356	1,706,179	2,036,522	2,605,168	25,548,338
9	Total	4,484,630	4,664,160	4,085,250	3,448,450	2,951,020	2,535,590	2,517,940	2,403,900	2,448,240	2,624,890	3,133,110	4,007,950	39,305,130
PGA REVENUES														
10	Residential	1,517,643	1,566,109	1,384,062	1,169,588	954,548	863,287	862,188	832,703	841,830	882,366	1,089,753	1,350,218	13,314,295
11	Commercial	2,818,480	2,908,490	2,570,403	2,172,092	1,772,731	1,603,248	1,601,205	1,546,448	1,563,399	1,638,680	2,023,827	2,507,549	24,726,552
12	Total	4,336,123	4,474,599	3,954,465	3,341,680	2,727,279	2,466,535	2,463,393	2,379,151	2,405,229	2,521,046	3,113,580	3,857,767	38,040,847
NUMBER OF PGA CUSTOMERS														
13	Residential	52,873	52,993	53,245	53,342	53,286	53,279	53,285	53,155	53,186	53,260	53,504	53,692	639,100
14	Commercial	4,301	4,309	4,315	4,319	4,307	4,298	4,299	4,294	4,289	4,284	4,304	4,306	51,625
50	Total	57,174	57,302	57,560	57,661	57,593	57,577	57,584	57,449	57,475	57,544	57,808	57,998	690,725