

[State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

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

DATE: November 13, 2014

TO: Office of Commission Clerk (Stauffer)

FROM: Division of Economics (Ollila) *s.o.*
Office of the General Counsel (Young) *AD J.C.D.*
KJ JSC

RE: Docket No. 140166-GU – Joint petition for approval of Gas Reliability Infrastructure Program (GRIP) by Florida Public Utilities Company and the Florida Division of Chesapeake Utilities Corporation.

COMMISSION
CLERK

14 NOV 13 AM 8:42

RECEIVED-FPSC

AGENDA: 11/25/14 – Regular Agenda – Tariff Filing – Interested Persons May Participate

COMMISSIONERS ASSIGNED: All Commissioners

PREHEARING OFFICER: Administrative

CRITICAL DATES: 04/27/15 (8-Month Effective Date)

SPECIAL INSTRUCTIONS: None

Case Background

On August 28, 2014, Florida Public Utilities Company (FPUC) and the Florida Division of Chesapeake Utilities Corporation (Chesapeake), collectively the Company, filed a petition seeking approval of 2015 Gas Reliability Infrastructure Program (GRIP) surcharges for their cast iron and bare steel pipe replacement programs. The GRIP program was approved in Order No. PSC-12-0490-TRF-GU¹ (2012 order) to recover the cost of accelerated replacement of cast iron and bare steel distribution mains and services through a surcharge on customers' bills. The Company's currently effective surcharges were approved in Order No. PSC-13-0601-GU.²

¹ Order No. PSC-12-0490-TRF-GU, issued September 24, 2012, in Docket No. 120036-GU, In re: Joint petition for approval of Gas Reliability Infrastructure Program (GRIP) by Florida Public Utilities Company and the Florida Division of Chesapeake Utilities Corporation.

² Order No. PSC-13-0601-TRF-GU, issued November 13, 2013, in Docket No. 120036-GU.

The 2012 order addressed the reliability and safety rationale for pipeline replacement, the scope of the program, similar actions in other states, and the procedure for annually setting the GRIP surcharge to recover the costs of the program. The procedure requires an annual filing with three components:

1. A final true-up showing the actual replacement costs, actual surcharge revenues, and over- or under-recovery amount for the 12-month historical period from January 1 through December 31 of the year prior to FPUC's/Chesapeake's annual GRIP petition.
2. An actual/estimated true-up showing seven months of actual and five months of projected replacement costs, surcharge revenues, and over- or under-recovery amount.
3. A revenue requirement projection showing 12 months of projected GRIP revenue requirement for the period beginning January 1 following FPUC's/Chesapeake's annual GRIP petition filing.

The Commission concluded the 2012 order by stating:

Replacement of bare steel pipelines is in the public interest to improve the safety of Florida's natural gas infrastructure, thereby reducing the risk to life and property. Given the length of time these pipelines have been installed and the leak history due to corrosion, we find that it is appropriate to approve the proposed replacement program. Without the GRIP surcharge, it is reasonable to expect that FPUC/Chesapeake will have to file for more frequent base rate proceedings to recover the expenses of an accelerated replacement program. The annual filings will provide us with the oversight to ensure that projected expenses are trued-up and only actual costs are recovered. FPUC's/Chesapeake's GRIP and its associated surcharges will terminate when all replacements have been made and the revenue requirement rolled into rate base.³

On October 15, 2014, the Company filed its responses to Staff's First Data Request. On October 17, 2014, the Company filed an amended response to Staff's First Data Request, No. 5. On October 21, 2014, the Company filed its responses to the Office of Public Counsel's First Set of Interrogatories and First Request for Production of Documents. The Commission has jurisdiction over this matter pursuant to Sections 366.03, 366.04, 366.05, and 366.06, Florida Statutes (F.S.).

³ 2012 order, page 19.

Discussion of Issues

Issue 1: Should the Commission approve FPUC's and Chesapeake's proposed GRIP surcharge factors for 2015?

Recommendation: Yes. FPUC's and Chesapeake's calculations of the GRIP surcharge factors are reasonable and accurate. (Ollila)

Staff Analysis: The GRIP surcharges have been in effect since January 2013. In response to staff's data request, the Company explained that it is accelerating its infrastructure replacement. FPUC's original projection was to replace 34 percent of the eligible infrastructure in the first two years. By the end of 2015 (the third year), FPUC forecasts that it will have completed 50 percent of the mains and 63 percent of the services. Similarly, Chesapeake's original projection was to replace 20 percent of the infrastructure in the first two years; however, by the end of 2015, Chesapeake forecasts that it will have replaced 39 percent of the mains and 46 percent of the services. Attachments 1 and 2 show the progress for the 10-year main and service replacement programs for FPUC and Chesapeake, respectively.

According to the Company costs have increased in recent years. The weighted average cost per mile of main for FPUC and Chesapeake used in calculating the 2015 GRIP surcharge is \$193,796. The 2009-2011 replacement cost per mile was \$174,258. Similarly, the cost to replace a service has increased. According to the Company, factors that contribute to increased costs include the type of replacement project, inflation, cost of outside contractors, requirements of city and county officials, and population density.

The 2012 Order required FPUC and Chesapeake to report any depreciation and operations and maintenance expense savings in their annual petitions for recovery of the GRIP surcharge, beginning with the second annual petition. FPUC's and Chesapeake's 2013 depreciation expenses were reduced by \$29,944 and \$13,262, respectively, due to savings from the GRIP program. FPUC and Chesapeake have not yet determined whether there are fewer leak surveys; thus, no operations and maintenance savings have been included in this filing.

FPUC'S GRIP SURCHARGE FACTORS FOR 2015

FPUC has had a bare steel replacement and recovery program in place since 2005. In FPUC's 2008 rate case, the Commission approved an annual expense of \$747,727 associated with the program to be included in base rates. The amount included in base rates is excluded from the GRIP surcharge calculation. FPUC's calculations for the 2015 revenue requirement and surcharges include a final true-up amount for 2013, an actual/estimated true-up for 2014, and projected costs for 2015.

Final True-up for 2013. The final true-up for 2013 includes 2012's over-recovery of \$243,238.⁴ To calculate the 2013 true-up, FPUC calculated the difference between the revenue requirement in base rates, \$747,727, and the 2013 actual revenue requirement, \$811,114, producing a net

⁴ The 2012 order allowed the Company to include a final true-up for pipeline replacement costs incurred for the period August 14, 2012, through December 31, 2012.

revenue requirement of \$63,387. The revenue requirement includes the return on investment, depreciation expense, customer notification, and ad valorem taxes associated with the investment. FPUC reported actual 2013 GRIP revenues of \$258,936. When the revenue requirement is subtracted from 2013 revenues, there is an over-recovery of \$195,550. Adding the 2012 over-recovery of \$243,238, and interest of \$418, results in a final true-up (over-recovery) of \$439,206, as shown in Table 1-1.

Table 1-1

Final True-up for 2013	
Annual Revenue Requirement in Base Rates	\$747,727
2013 GRIP Revenue Requirement	\$811,114
Net Revenue Requirement	\$63,387
2013 GRIP Revenues	<u>\$258,936</u>
2013 True-up (Over-recovery)	\$195,550
2012 True-up (Over-recovery)	\$243,238
Interest	<u>\$418</u>
Final True-up for 2013 (Over-recovery)	\$439,206

Actual/Estimated 2014 true-up. To calculate the 2014 true-up, FPUC calculated the difference between the revenue requirement in base rates, \$747,727, and the 2014 actual (January through July) and estimated (August through December) revenue requirement, \$2,850,582, producing a deficit of \$2,102,855. FPUC reported actual/estimated revenues for 2014 of \$690,391. When the 2014 estimated revenues are subtracted from the revenue requirement, the 2014 under-recovery including interest is \$1,412,567. The final 2013 over-recovery serves as a partial offset, resulting in an under-recovery for 2014 of \$973,361 as shown in Table 1-2.

Table 1-2

Actual/Estimated 2014 True-up	
Annual Revenue Requirement in Base Rates	\$747,727
2014 GRIP Revenue Requirement	<u>\$2,850,582</u>
Net Revenue Requirement	\$2,102,855
2014 GRIP Revenues	<u>\$690,391</u>
Under-Recovery	\$1,412,464
Interest Provision	<u>\$103</u>
True-up for 2014 (Under-Recovery)	\$1,412,567
Final True-up for 2013 (Over-Recovery)	<u>\$439,206</u>
Total 2013 and 2014 Under-Recovery	\$973,361

Projected 2015 Costs. FPUC projects to spend \$6,139,178 for the replacement of cast iron/bare steel infrastructure in 2015. The return on investment, depreciation, customer notification, and ad valorem tax expenses associated with that investment are \$3,924,377.

Subtracting the revenue requirement for bare steel replacement investment included in base rates results in a 2015 revenue requirement of \$3,176,650. Finally, the total 2013 and 2014

under-recovery, \$973,361, is added to the 2015 revenue requirement to produce a total 2015 revenue requirement of \$4,150,011 as shown in Table 1-3.

Table 1-3

Projected 2015 Costs	
2015 Projected Expenditures	\$6,139,178
Return on Investment	\$2,779,059
Depreciation Expense	\$631,181
Tax and Customer Notice Expenses	\$514,138
Revenue Requirement	3,924,377
Less Revenue Requirement in Base Rates	(\$747,727)
2015 GRIP Revenue Requirement	3,176,650
Plus Prior Period Under-Recovery	\$973,361
Projected 2015 GRIP Costs	\$4,150,011

The calculation of the GRIP surcharges by rate class is shown in Attachment 3 to the recommendation. As established in the order approving the GRIP, the total 2015 revenue requirement is allocated to the rate classes using the same methodology that was used for the allocation of mains and services in the cost of service study used in FPUC's most recent rate case. After calculating the percentage of total plant costs attributed to each rate class, the respective percentages were multiplied by the 2015 revenue requirement, resulting in the revenue requirement by rate class. Dividing each rate class' revenue requirement by projected therm sales provides the GRIP surcharge for each rate class. The GRIP surcharge for residential customers is \$0.10516 per therm. The monthly bill impact is \$2.10 for a residential customer who uses 20 therms. Attachment 3 displays the rate schedule and Attachment 4 displays the proposed tariff page.

CHESAPEAKE'S GRIP SURCHARGE FACTORS FOR 2015

Chesapeake does not have a replacement recovery amount embedded in base rates and has in the past replaced its infrastructure as conditions warranted.

Final True-up for 2013. The final true-up for 2013 includes 2012's under-recovery of \$16,886. To calculate the 2013 true-up, Chesapeake calculated the difference between the revenue requirement of \$446,032 and revenues of \$523,677; this resulted in an over-recovery of \$77,645. Adding interest of \$55 and subtracting the 2012 under-recovery of \$16,886 results in a final 2013 true-up (over-recovery) of \$60,814, as shown in Table 1-4.

Table 1-4

Final True-up for 2013	
2013 GRIP Revenue Requirement	\$446,032
2013 GRIP Revenues	<u>\$523,677</u>
2013 True-up (Over-recovery)	\$77,645
2012 True-up (Under-recovery)	\$16,886
Interest	<u>\$55</u>
Final True-up for 2013 (Over-recovery)	\$60,814

Actual/Estimated 2014 true-up. To calculate the 2014 true-up, Chesapeake reported the actual/estimated revenue requirement of \$949,326, actual/estimated revenues of \$663,069 and interest of \$20. Using the final 2013 over-recovery to offset 2014's under-recovery results in a total under-recovery of \$225,373 as shown in Table 1-5.

Table 1-5

Actual/Estimated 2014 True-up	
2014 GRIP Revenues	\$663,069
2014 GRIP Revenue Requirement	<u>\$949,236</u>
Under-Recovery	\$286,167
Interest Provision	<u>\$20</u>
2014 Total Under-Recovery	\$286,187
Final 2013 Over-Recovery	<u>\$60,814</u>
Total 2013 and 2014 Under-Recovery	\$225,373

Projected 2015 costs. Chesapeake projects to spend \$2,912,259 in 2015. The return on that amount plus investment expenses are \$1,395,647. Finally, the total 2013 and 2014 under-recovery, \$225,373, is added to provide the total 2015 revenue requirement of \$1,621,020 as shown in Table 1-6.

Table 1-6

Projected 2015 Costs	
2015 Projected Expenditures	\$2,912,259
Return on Investment	\$919,980
Depreciation Expense	\$301,447
Tax and Customer Notice Expenses	<u>\$174,220</u>
2015 Revenue Requirement	\$1,395,647
Plus Prior Period Under-Recovery	<u>\$225,373</u>
Projected 2015 Costs	\$1,621,020

The calculation of Chesapeake's GRIP surcharges by rate class is shown in Attachment 5 to the recommendation. The GRIP surcharge for residential customers on the FTS-1 rate is \$0.05713 per therm. The monthly bill impact for a residential customer who uses 20 therms is

\$1.14. Attachment 5 displays the rate schedule and Attachments 6 and 7 display the proposed tariff pages.

Conclusion

Staff believes the calculation of FPUC's and Chesapeake's GRIP revenue requirement and surcharges for each rate class is reasonable and accurate. Staff therefore recommends approval of FPUC's and Chesapeake's proposed GRIP surcharges for 2015.

Issue 2: Should this docket be closed?

Recommendation: Yes. If Issue 1 is approved, the tariffs should become effective on January 1, 2015. If a protest is filed within 21 days of the issuance of the order, the tariffs should remain in effect, with any revenues held subject to refund, pending resolution of the protest. If no timely protest is filed, this docket should be closed upon the issuance of a consummating order. (Young)

Staff Analysis: If Issue 1 is approved, the tariffs should become effective on January 1, 2015. If a protest is filed within 21 days of the issuance of the order, the tariffs should remain in effect, with any revenues held subject to refund, pending resolution of the protest. If no timely protest is filed, this docket should be closed upon the issuance of a consummating order.

FLORIDA PUBLIC UTILITIES COMPANY
Mains (Miles)

Year	Replaced Cast Iron	Replaced Bare Steel	Remaining Cast Iron at Year-End	Remaining Bare Steel at Year-End	Total Remaining
Jul-12			0.9	197.10	198.00
2012		6.00	0.9	191.10	192.00
2013	0.6	26.40	0.3	164.70	165.00
2014		36.40	0.3	128.30	128.60
2015		25.00	0.3	103.30	103.60
2016		19.60	0.3	83.70	84.00
2017	0.3	13.70	0	70.00	70.00
2018		14.00	0	56.00	56.00
2019		14.00	0	42.00	42.00
2020		14.00	0	28.00	28.00
2021		14.00	0	14.00	14.00
2022		14.00	0	0.00	0.00

Number of Services

Year	Replaced Cast Iron	Replaced Bare Steel	Remaining Cast Iron at Year-End	Remaining Bare Steel at Year-End	Total Remaining
Jul-12				7980	7980
2012		91	0	7889	7889
2013		2071	0	5818	5818
2014		2111	0	3707	3707
2015		741	0	2966	2966
2016		424	0	2542	2542
2017		424	0	2118	2118
2018		424	0	1694	1694
2019		424	0	1270	1270
2020		424	0	846	846
2021		424	0	422	422
2022		422	0	0	0

**FLORIDA DIVISION OF CHESAPEAKE UTILITIES
 CORPORATION
 Mains (Miles)**

Year	Replaced Cast Iron	Replaced Bare Steel	Remaining Cast Iron at Year-End	Remaining Bare Steel at Year-End	Total Remaining
Jul-12				152	152
2012		5	0	147	147
2013		3	0	144	144
2014		33	0	111	111
2015		14	0	97	97
2016		14	0	83	83
2017		14	0	69	69
2018		14	0	55	55
2019		14	0	41	41
2020		14	0	27	27
2021		14	0	13	13
2022		13	0	0	0

Number of Services

Year	Replaced Cast Iron	Replaced Bare Steel	Remaining Cast Iron at Year-End	Remaining Bare Steel at Year-End	Total Remaining
Jul-12				762	762
2012		34	0	728	728
2013		139	0	589	589
2014		97	0	492	492
2015		82	0	410	410
2016		59	0	351	351
2017		59	0	292	292
2018		59	0	233	233
2019		59	0	174	174
2020		58	0	116	116
2021		58	0	58	58
2022		58	0	0	0

Florida Public Utilities Company

Gas Reliability Infrastructure Program (GRIP)
 Projection of Qualified Mains & Services Revenue Requirements
 Surcharge Calculation - January 1, 2015 through December 31, 2015
 Per Therm Rate

RATE SCHEDULE	2015 THERMS	SERVICES COS %	MAINS COS %	SERVICES REV REQ	MAINS REV REQ	GRIP REV REQ	DOLLARS PER THERM	TAX FACTOR	GRIP FACTORS PER THERM
RESIDENTIAL	12,438,246	58.00%	22.00%	\$625,822	\$675,622	\$1,301,444	\$0.10463	1.00503	\$0.10516
COMMERCIAL SMALL (General Service & GS Transportation)	10,574,448	17.00%	23.00%	\$183,431	\$706,332	\$889,762	\$0.08414	1.00503	\$0.08457
COMM. LRG VOLUME (Large Vol & LV Transportation)	45,972,870	25.00%	46.00%	\$269,751	\$1,412,664	\$1,682,414	\$0.03660	1.00503	\$0.03678
INTERRUPTIBLE SERVICE (Int Service & IS Transportation)	6,463,459	0.00%	8.00%	\$0	\$245,681	\$245,681	\$0.03801	1.00503	\$0.03820
GENERAL LIGHTING SERVICE	232,279	0.00%	1.00%	\$0	\$30,710	\$30,710	\$0.13221	1.00503	\$0.13288
TOTAL	75,681,302	100.00%	100.00%	\$1,079,003	\$3,071,008	\$4,150,011			

Florida Public Utilities Company
F.P.S.C. Gas Tariff
Third Revised Volume No. 1

Tenth Revised Sheet No. 35.4
Cancels Ninth Revised Sheet No. 35.4

BILLING ADJUSTMENTS
(Continued from Sheet No. 35.3)

Gas Reliability Infrastructure Program (GRIP)

Applicability

The bill for gas or transportation service supplied to a Customer in any Billing Period shall be adjusted as follows:

The GRIP factors for the period from the first billing cycle for January 2015 through the last billing cycle for December 2015 are as follows:

<u>Rate Class</u>	<u>Rates Per Therm</u>
Rate Schedule RS	\$0.10516
Rate Schedule GS-1	\$0.08457
Rate Schedule GS-2	\$0.08457
Rate Schedule GSTS-1	\$0.08457
Rate Schedule GSTS-2	\$0.08457
Rate Schedule LVS	\$0.03678
Rate Schedule LVTS	\$0.03678
Rate Schedule IS	\$0.03820
Rate Schedule ITS	\$0.03820
Rate Schedule GLS	\$0.13288
Rate Schedule GLSTS	\$0.13288
Rate Schedule NGV	\$0.00000
Rate Schedule NGVTS	\$0.00000

(Continued to Sheet No. 35.5)

Issued by: Jeffrey Householder, President

Effective:

Florida Division of Chesapeake Utilities Corporation
Gas Reliability Infrastructure Program (GRIP)
Projection of Qualified Mains & Services Revenue Requirements
Surcharge Computation January 1, 2015 through December 31, 2015
Per Therm/Bill Rate

Schedule D-1
Exhibit _____
Cheryl M Martin (CMM-1)
Page 10 of 10

RATE CLASS	2015 BILLS	2015 THERMS	SERVICES COS %	MAINS COS %	SERVICES REV REQ	MAINS REV REQ	GRIP REV REQ	DOLLARS PER THERM	EXPANSION FACTOR	GRIP FACTORS PER THERM	\$ PER BILL	EXPANSION FACTOR	GRIP FACTORS PER BILL	ANNUAL COST PER BILL	TYPICAL ANNUAL THERMS	ANNUAL COST	AVERAGE MONTHLY COST
FTS-A	19,971	136,982	14.34%	0.951%	\$ 9,298	\$ 14,799	\$24,097	\$0.17591	1.00503	\$ 0.17680	\$ 1.21	1.00503	\$ 1.21	\$ 14.55	110	\$19.45	\$1.62
FTS-B	27,256	312,836	9.74%	1.142%	\$ 6,316	\$ 17,772	\$24,088	\$0.07700	1.00503	\$ 0.07739	\$ 0.88	1.00503	\$ 0.89	\$ 10.66	215	\$16.64	\$1.39
FTS-1	116,660	1,990,725	33.87%	5.861%	\$ 21,962	\$ 91,208	\$113,170	\$0.05685	1.00503	\$ 0.05713	\$ 0.97	1.00503	\$ 0.97	\$ 11.70	275	\$15.71	\$1.31
FTS-2	10,105	628,714	12.69%	1.611%	\$ 8,228	\$ 25,070	\$33,298	\$0.05296	1.00503	\$ 0.05323	\$ 3.30	1.00503	\$ 3.31	\$ 39.74	875	\$46.57	\$3.88
FTS-2.1	8,100	991,378	7.83%	3.193%	\$ 5,077	\$ 49,689	\$54,766	\$0.05524	1.00503	\$ 0.05552	\$ 6.76	1.00503	\$ 6.80	\$ 81.54	1,575	\$87.44	\$7.29
FTS-3	2,854	1,002,256	3.93%	1.567%	\$ 2,548	\$ 24,385	\$26,933	\$0.02687	1.00503	\$ 0.02701	\$ 9.44	1.00503	\$ 9.48	\$ 113.81	4,000	\$108.03	\$9.00
FTS-3.1	3,608	2,091,894	3.91%	4.294%	\$ 2,535	\$ 66,822	\$69,357	\$0.03316	1.00503	\$ 0.03332	\$ 19.22	1.00503	\$ 19.32	\$ 231.84	7,300	\$243.25	\$20.27
FTS-4		2,402,571	4.37%	6.162%	\$ 2,834	\$ 95,892	\$98,726	\$0.04109	1.00503	\$ 0.04130					12,500	\$516.23	\$43.02
FTS-5		1,071,630	1.24%	2.570%	\$ 804	\$ 39,994	\$40,798	\$0.03807	1.00503	\$ 0.03826					37,500	\$1,434.84	\$119.57
FTS-6		1,527,946	1.25%	2.750%	\$ 811	\$ 42,795	\$43,606	\$0.02854	1.00503	\$ 0.02868					75,000	\$2,151.19	\$179.27
FTS-7		3,060,684	2.20%	7.615%	\$ 1,427	\$ 118,503	\$119,930	\$0.03918	1.00503	\$ 0.03938					150,000	\$5,907.17	\$492.26
FTS-8		4,589,035	1.62%	10.708%	\$ 1,050	\$ 166,636	\$167,686	\$0.03654	1.00503	\$ 0.03672					300,000	\$11,017.31	\$918.11
FTS-9		4,651,342	1.48%	15.171%	\$ 960	\$ 236,088	\$237,048	\$0.05096	1.00503	\$ 0.05122					550,000	\$28,170.84	\$2,347.57
FTS-10		1,969,507	0.45%	6.539%	\$ 292	\$ 101,759	\$102,051	\$0.05182	1.00503	\$ 0.05208					850,000	\$44,264.72	\$3,688.73
FTS-11		8,819,750	0.61%	13.551%	\$ 396	\$ 210,878	\$211,274	\$0.02395	1.00503	\$ 0.02408					1,750,000	\$42,131.49	\$3,510.96
FTS-12		7,581,531	0.47%	16.315%	\$ 305	\$ 253,891	\$254,196	\$0.03353	1.00503	\$ 0.03370					3,000,000	\$101,090.90	\$8,424.24
FTS-13		N/A	N/A	0.000%	\$ -	\$ -	\$0	N/A		N/A					-	N/A	
TOTAL	188,554	42,828,781	100.00%	100.000%	\$ 64,841	\$ 1,556,179	\$ 1,621,024										

Florida Division of Chesapeake Utilities Corporation
Original Volume No.4

Second Revised Sheet No. 105.1
Cancels First Sheet No. 105.1

RATE SCHEDULES
MONTHLY RATE ADJUSTMENTS
Rate Schedule MRA

7. GAS REPLACEMENT INFRASTRUCTURE PROGRAM (GRIP):

Applicability:

All Customers receiving Transportation Service from the Company and are assigned to or have selected rate schedules FTS-A, FTS-B, FTS-1, FTS-2, FTS-2.1, FTS-3, FTS-3.1, FTS-4, FTS-5, FTS-6, FTS-7, FTS-8, FTS-9, FTS-10, FTS-11, FTS-12, and FTS-13.

The Usage Rate for Transportation Service to each applicable rate classification shall be adjusted by the following recovery factors. The recovery factors for all meters read for the period January 1, 2015 through December 31, 2015 for each rate classification are as follows:

Rate Schedule	Classification of Service	Rate per therm
FTS-A	< 130 therms	\$0.17680
FTS-B	> 130 therms up to 250 therms	\$0.07739
FTS-1	> 0 up to 500 therms	\$0.05713
FTS-2	> 500 therms up to 1,000 therms	\$0.05323
FTS-2.1	> 1,000 therms up to 2,500 therms	\$0.05552
FTS-3	> 2,500 therms up to 5,000 therms	\$0.02701
FTS-3.1	> 5,000 therms up to 10,000 therms	\$0.03332
FTS-4	> 10,000 therms up to 25,000 therms	\$0.04130
FTS-5	> 25,000 therms up to 50,000 therms	\$0.03826
FTS-6	> 50,000 therms up to 100,000 therms	\$0.02868
FTS-7	> 100,000 therms up to 200,000 therms	\$0.03938
FTS-8	> 200,000 therms up to 400,000 therms	\$0.03672
FTS-9	> 400,000 therms up to 700,000 therms	\$0.05122
FTS-10	> 700,000 therms up to 1,000,000 therms	\$0.05208
FTS-11	> 1,000,000 therms up to 2,500,000 therms	\$0.02408
FTS-12	> 2,500,000 therms up to 12,500,000 therms	\$0.03370
FTS-13	> 12,500,000 therms	N/A

(Continued to Sheet No. 105.2)

Issued by: Michael P. McMasters, President
Chesapeake Utilities Corporation

Effective:

Florida Division of Chesapeake Utilities Corporation
Original Volume No. 4

Third Revised Sheet No. 105.2
Cancels Second Sheet No. 105.2

RATE SCHEDULES
MONTHLY RATE ADJUSTMENTS
Rate Schedule MRA
(Continued from Sheet No. 105.1)

7. GAS RELIABILITY INFRASTRUCTURE PROGRAM (GRIP) (Experimental):

Applicability:

All Customers assigned to a TTS Shipper, receiving Transportation Service from the Company and are assigned to or have selected rate schedules FTS-A (Exp), FTS-B (Exp), FTS-1 (Exp), FTS-2 (Exp), FTS-2.1 (Exp), FTS-3 (Exp), and FTS-3.1 (Exp).

The Firm Transportation Charge for Transportation Service to each applicable rate classification shall be adjusted by the following recovery factors. The recovery factors for all meters read for the period January 1, 2015 through December 31, 2015 for each rate classification are as follows:

<u>Consumer</u> <u>Rate Schedule</u>	<u>Rate per bill</u>
FTS-A (Exp)	\$ 1.21
FTS-B (Exp)	\$ 0.89
FTS-1 (Exp)	\$ 0.97
FTS-2 (Exp)	\$ 3.31
FTS-2.1 (Exp)	\$ 6.80
FTS-3 (Exp)	\$ 9.48
FTS-3.1 (Exp)	\$ 19.32

(Continued to Sheet No. 105.3)

Issued by: Michael P. McMasters, President
Chesapeake Utilities Corporation

Effective: