ATMOS energy

September 5, 2017

FILED

SEP 05 2017

MISS. PUBLIC SERVICE COMMISSION

Ms. Katherine B. Collier
Executive Secretary
Mississippi Public Service Commission
P. O. Box 1174
Jackson, MS 39215

RE: MPSC Docket No. 2015-UN-049
Compliance Tariff Filing in the Matter of a Comprehensive Review of Atmos Energy Corporation's Proposed Capital Budget for Fiscal Year 2018

Dear Katherine:

Pursuant to the Joint Stipulation and System Integrity Rider (SIR) Tariff approved by the Commission on September 8, 2016 in the above-referenced matter, please find enclosed Atmos Energy's annual SIR Compliance Tariff Filing and supporting schedules updated to reflect the inputs being filed contemporaneously in our annual Stable/Rate filing. We request Commission approval of this SIR Compliance Tariff Filing such that we may implement new rates on November 1, 2017 in accordance with the approved tariff.

Thank you for your assistance with this matter. Please let me know if you have any questions.

Sincerely yours,

Bill Senter
Division Vice President – Rates & Regulatory Affairs

Enclosures

cc: Virden Jones
Brandi Myrick
Janie Keyes
Vicki Munn
Bill Hammett
Bill Smith

Atmos Energy Corporation
790 Liberty Road, Flowood, MS 39232-9321
P 601-420-5000

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
REVENUE REQUIREMENTS - FIVE YEAR SUMMARY

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LINE #	RATE BASE	FERC	ENDING RATE PERIOD 10/31/2018	ENDING RATE PERIOD 10/31/2019	ENDING RATE PERIOD 10/30/2020	ENDING RATE PERIOD 10/31/2021	ENDING RATE PERIOD 10/31/2022
1	Eligible Investments	101,102,106	98,962,157	158,604,157	224,869,157	298,424,157	380,069,157
2	Less: Accumulated Depreciation	108,111	(2,575,999)	(6,374,674)	(12,050,718)	(19,811,643)	(29,886,784)
3	Less: Deferred Income Taxes	281-283, net of 190	(2,332,317)	(4,105,158)	(6,013,966)	(8,084,050)	(10,332,174)
4	Net Rate Base		94,053,841	148,124,325	206,804,473	270,528,465	339,850,199
5	Average Net Rate Base		69,101,691	121,627,291	178,181,302	239,513,571	306,120,823
6	Return on Average Net Investment:						
7	Net Income		3,597,710	6,332,403	9,276,831	12,470,035	15,937,875
8	Interest		1,639,438	2,885,607	4,227,351	5,682,459	7,262,717
9	Pre-Tax Income		5,237,148	9,218,011	13,504,183	18,152,494	23,200,591
10	Investment Expenses:						
11	Depreciation	403	2,126,288	3,798,675	5,676,044	7,760,925	10,075,142
12	Property Taxes	408.2	1,749,354	3,058,989	4,526,639	6,156,389	7,965,410
13	Income Taxes	409.2,410.2, 411.2	2,332,317	4,105,158	6,013,966	8,084,049	10,332,173
14	Revenue Requirement (sum Lines 9 - 13)		11,445,107	20,180,832	29,720,831	40,153,857	51,573,316
15	True Up (2 years prior)		0	0	0	0	0
16	Total Revenue Requirement		11,445,107	20,180,832	29,720,831	40,153,857	51,573,316

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
DETERMINATION OF REVENUE REQUIREMENT

(1)	(2)	(3)	(4)	(5)
LINE #	RATE BASE	FERC	BEGINNING RATE PERIOD 11/1/2017	ENDING RATE PERIOD 10/31/2018
1	Eligible Investments	101,102,106	46,374,399	98,962,157
2	Less: Accumulated Depreciation	108,111	(449,711)	(2,575,999)
3	Less: Deferred Income Taxes	281-283, net of 190	(707,075)	(2,332,317)
4	Net Rate Base		45,217,613	94,053,841
5	Average Net Rate Base		21,344,785	69,101,691
6	Return on Average Net Investment:			
7	Net Income		1,090,697	3,597,710
8	Interest		577,824	1,639,438
9	Pre-Tax Income (Lines 7 + 8)		1,668,521	5,237,148
10	Investment Expenses:			
11	Depreciation	403	449,711	2,126,288
12	Property Taxes	408.2	508,912	1,749,354
13	Income Taxes	409.2,410.2, 411.2	707,074	2,332,317
14	Revenue Requirement (sum Lines 9 - 13)		3,334,218	11,445,107
15	True Up (2 years prior)			
16	Total Revenue Requirement		3,334,218	11,445,107

APPENDIX "SIR"
CALCULATION OF REVENUE REQUIREMENT

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
DETERMINATION OF REVENUE REQUIREMENT

(1)	(2)	(3)	(4)	(5)
			BEGINNING RATE PERIOD 11/1/2018	ENDING RATE PERIOD 10/31/2019
LINE #	**RATE BASE**	**FERC**		
1	Eligible Investments	101,102,106	98,962,157	158,604,157
2	Less: Accumulated Depreciation	108,111	(2,575,999)	(6,374,674)
3	Less: Deferred Income Taxes	281-283, net of 190	(2,332,317)	(4,105,158)
4	Net Rate Base		94,053,841	148,124,325
5	Average Net Rate Base		69,101,691	121,627,291
6	Return on Average Net Investment:			
7	Net Income		3,597,710	6,332,403
8	Interest		1,639,438	2,885,607
9	Pre-Tax Income (Lines 7 + 8)		5,237,148	9,218,011
10	Investment Expenses:			
11	Depreciation	403	2,126,288	3,798,675
12	Property Taxes	408.2	1,749,354	3,058,989
13	Income Taxes	409.2,410.2, 411.2	2,332,317	4,105,158
14	Revenue Requirement (sum Lines 9 - 13)		11,445,107	20,180,832
15	True Up (2 years prior)			
16	Total Revenue Requirement		11,445,107	20,180,832

APPENDIX "SIR"
CALCULATION OF REVENUE REQUIREMENT

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
DETERMINATION OF REVENUE REQUIREMENT

(1)	(2)	(3)	(4)	(5)
			BEGINNING RATE PERIOD 11/1/2019	ENDING RATE PERIOD 10/30/2020
LINE #	RATE BASE	FERC		
1	Eligible Investments	101,102,106	158,604,157	224,869,157
2	Less: Accumulated Depreciation	108,111	(6,374,674)	(12,050,718)
3	Less: Deferred Income Taxes	281-283, net of 190	(4,105,158)	(6,013,966)
4	Net Rate Base		148,124,325	206,804,473
5	Average Net Rate Base		121,627,291	178,181,302
6	Return on Average Net Investment:			
7	Net Income		6,332,403	9,276,831
8	Interest		2,885,607	4,227,351
9	Pre-Tax Income (Lines 7 + 8)		9,218,011	13,504,183
10	Investment Expenses:			
11	Depreciation	403	3,798,675	5,676,044
12	Property Taxes	408.2	3,058,989	4,526,639
13	Income Taxes	409.2,410.2, 411.2	4,105,158	6,013,966
14	Revenue Requirement (sum Lines 9 - 13)		20,180,832	29,720,831
15	True Up (2 years prior)			
16	Total Revenue Requirement		20,180,832	29,720,831

APPENDIX "SIR"
CALCULATION OF REVENUE REQUIREMENT

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
DETERMINATION OF REVENUE REQUIREMENT

(1)	(2)	(3)	(4)	(5)
			BEGINNING RATE PERIOD	ENDING RATE PERIOD
LINE #	RATE BASE	FERC	10/31/2020	10/31/2021
1	Eligible Investments	101,102,106	224,869,157	298,424,157
2	Less: Accumulated Depreciation	108,111	(12,050,718)	(19,811,643)
3	Less: Deferred Income Taxes	281-283, net of 190	(6,013,966)	(8,084,050)
4	Net Rate Base		206,804,473	270,528,465
5	Average Net Rate Base		178,181,302	239,513,571
6	Return on Average Net Investment:			
7	Net Income		9,276,831	12,470,035
8	Interest		4,227,351	5,682,459
9	Pre-Tax Income (Lines 7 + 8)		13,504,183	18,152,494
10	Investment Expenses:			
11	Depreciation	403	5,676,044	7,760,925
12	Property Taxes	408.2	4,526,639	6,156,389
13	Income Taxes	409.2,410.2, 411.2	6,013,966	8,084,049
14	Revenue Requirement (sum Lines 9 - 13)		29,720,831	40,153,857
15	True Up (2 years prior)			
16	Total Revenue Requirement		29,720,831	40,153,857

APPENDIX "SIR"
CALCULATION OF REVENUE REQUIREMENT

Atmos Energy Corporation - Mississippi Division
SYSTEM INTEGRITY RIDER
DETERMINATION OF REVENUE REQUIREMENT

(1)	(2)	(3)	(4)	(5)
			BEGINNING RATE PERIOD	ENDING RATE PERIOD
LINE #	RATE BASE	FERC	11/1/2021	10/31/2022
1	Eligible Investments	101,102,106	298,424,157	380,069,157
2	Less: Accumulated Depreciation	108,111	(19,811,643)	(29,886,784)
3	Less: Deferred Income Taxes	281-283, net of 190	(8,084,050)	(10,332,174)
4	Net Rate Base		270,528,465	339,850,199
5	Average Net Rate Base		239,513,571	306,120,823
6	Return on Average Net Investment:			
7	Net Income		12,470,035	15,937,875
8	Interest		5,682,459	7,262,717
9	Pre-Tax Income (Lines 7 + 8)		18,152,494	23,200,591
10	Investment Expenses:			
11	Depreciation	403	7,760,925	10,075,142
12	Property Taxes	408.2	6,156,389	7,965,410
13	Income Taxes	409.2,410.2, 411.2	8,084,049	10,332,173
14	Revenue Requirement (sum Lines 9 - 13)		40,153,857	51,573,316
15	True Up (2 years prior)			
16	Total Revenue Requirement		40,153,857	51,573,316

APPENDIX "SIR"
CALCULATION OF REVENUE REQUIREMENT

Atmos Energy
Docket No. 2015-UN-049

Projected System Integrity Rider Revenue Requirement

Filed September 5, 2017, Effective November 1, 2017

Line Description	rate	Beginning of Period Amount	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	End of Period
1. Investments - New															
2. Eligible Investments - Mains			$ 4,701,636	$ 4,744,311	$ 4,339,368	$ 4,856,049	$ 4,285,616	$ 4,234,793	$ 4,095,031	$ 4,459,381	$ 4,276,325	$ 4,300,036	$ 4,168,595	$ 4,126,617	$ 52,587,758
3. Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
4. Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
5. Other			0	0	0	0	0	0	0	0	0	0	0	0	
6. Investments - Prior Year															
7. Eligible Investments - Mains			46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	
8. Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
9. Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
10. Other			0	0	0	0	0	0	0	0	0	0	0	0	
11. CY Gross Plant-in-Service/Depreciation Base			$ 4,701,636	$ 9,445,947	$ 13,785,315	$ 18,641,364	$ 22,926,980	$ 27,161,773	$ 31,256,804	$ 35,716,185	$39,992,510	$44,292,546	$ 48,461,141	$ 52,587,758	
12. Less: Accumulated Depreciation			0	(11,722)	(35,271)	(69,639)	(116,114)	(173,272)	(240,989)	(318,915)	(407,958)	(507,663)	(618,088)	(738,906)	
13. PY Gross Plant-in-Service/Depreciation Base		46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	46,374,399	
14. Less: PY Accumulated Depreciation		(449,711)	(565,326)	(680,942)	(796,557)	(912,172)	(1,027,787)	(1,143,402)	(1,259,018)	(1,374,633)	(1,490,248)	(1,605,863)	(1,721,479)	(1,837,094)	
15. Less: Accumulated Deferred Income Taxes		(707,075)	(1,457,886)	(2,108,378)	(2,568,709)	(3,029,686)	(3,281,448)	(3,426,206)	(3,458,382)	(3,434,486)	(3,293,286)	(3,058,793)	(2,721,705)	(2,332,317)	
16. Net Book Value		$ 45,217,613	$ 49,052,823	$53,019,305	$ 56,759,177	$ 61,004,266	$ 64,876,030	$ 68,793,292	$ 72,672,815	$ 76,962,550	$81,175,417	$85,494,626	$ 89,774,268	$ 94,053,841	
17. Average Net Investment			$ 47,135,218	$51,036,064	$ 54,889,241	$ 58,881,722	$ 62,940,148	$ 66,834,661	$ 70,733,053	$ 74,817,682	$79,068,983	$83,335,021	$ 87,634,447	$ 91,914,054	$ 69,101,691
18. Return on Average Net Investment															
19. Net Income	5.21%		$ 204,504	$ 221,428	$ 238,146	$ 255,468	$ 273,076	$ 289,973	$ 306,887	$ 324,609	$ 343,054	$ 361,563	$ 380,217	$ 398,784	$ 3,597,710
20. Tax Gross-Up Rate	1.6483		1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	
21. Taxable Income			$ 337,079.44	$364,975.68	$ 392,531.01	$ 421,082.55	$ 450,105.69	$ 477,956.64	$ 505,835.32	$ 535,045.85	$565,448.30	$595,956.14	$ 626,702.75	$ 657,307.63	$ 5,930,027
22. Interest	2.37%		$ 93,190	$ 100,903	$ 108,521	$ 116,414	$ 124,438	$ 132,138	$ 139,845	$ 147,921	$ 156,326	$ 164,760	$ 173,261	$ 181,722	$ 1,639,438
23. Pre-Tax Return on Investment (Ln 19 + 20)			$ 297,694	$ 322,331	$ 346,667	$ 371,882	$ 397,514	$ 422,111	$ 446,732	$ 472,530	$ 499,380	$ 526,323	$ 553,477	$ 580,506	$ 5,237,148
24. Investment Expenses															
25. Depreciation - CY	2.99%		0	11,722	23,550	34,368	46,474	57,159	67,717	77,926	89,043	99,705	110,425	120,818	738,906
26. Depreciation - Prior Years	2.99%		115,615	115,615	115,615	115,615	115,615	115,615	115,615	115,615	115,615	115,615	115,615	115,615	1,387,383
27. Property Taxes	2.32%		98,679	107,845	116,229	125,610	133,890	142,072	149,983	158,599	166,861	175,169	183,222	191,195	1,749,354
28. Income Taxes			132,575	143,547	154,385	165,614	177,029	187,983	198,948	210,437	222,394	234,393	246,486	258,523	2,332,317
29. Revenue Requirements (Lines 21 through 26)			$ 644,564	$ 701,060	$ 756,445	$ 813,090	$ 870,523	$ 924,940	$ 978,995	$ 1,035,107	$ 1,093,294	$ 1,151,205	$ 1,209,226	$ 1,266,657	$ 11,445,107
30. Tax Dept forecasted ADIT		(15,292,221)	(16,518,884)	(17,645,228)	(18,581,411)	(19,518,239)	(20,245,853)	(20,866,463)	(21,374,490)	(21,826,447)	(22,161,098)	(22,402,457)	(22,541,221)	(22,627,684)	
31. NOLC variable		14,585,146	15,060,998	15,536,850	16,012,702	16,488,553	16,964,405	17,440,257	17,916,109	18,391,960	18,867,812	19,343,664	19,819,516	20,295,367	5,710,221
32. Net ADIT		(707,075)	(1,457,886)	(2,108,378)	(2,568,709)	(3,029,686)	(3,281,448)	(3,426,206)	(3,458,382)	(3,434,486)	(3,293,286)	(3,058,793)	(2,721,705)	(2,332,317)	
33.													Avg Net Rate Base		69,101,691
34.													Return on Investment		3,597,710
35.													Return Grossed up for Taxes		5,930,027
36.													Tax Rate		39.33%
37.													Income Taxes On Return Only		2,332,317
38.													Deferred Taxes in Rate Base		(2,332,317)
39.													Residual Income Taxes		(0)

Atmos Energy
Docket No. 2015-UN-049

Projected System Integrity Rider Revenue Requirement

Filed September 5, 2018 , Effective November 1, 2018

Line Description	rate	Beginning of Period Amount	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	End of Period
1. Investments - New															
2. Eligible Investments - Mains			$ 5,332,324	$ 5,380,724	$ 4,921,461	$ 5,507,451	$ 4,860,498	$ 4,802,858	$ 4,644,348	$ 5,057,573	$ 4,849,961	$ 4,876,853	$ 4,727,780	$ 4,680,171	$ 59,642,000
3. Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
4. Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
5. Other			0	0	0	0	0	0	0	0	0	0	0	0	
6. Investments - Prior Year															
7. Eligible Investments - Mains			98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	
8. Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
9. Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
10. Other			0	0	0	0	0	0	0	0	0	0	0	0	
11. CY Gross Plant-in-Service/Depreciation Base			$ 5,332,324	$ 10,713,048	$ 15,634,509	$ 21,141,959	$ 26,002,457	$ 30,805,315	$ 35,449,663	$ 40,507,236	$ 45,357,197	$ 50,234,049	$ 54,961,829	$ 59,642,000	
12. Less: Accumulated Depreciation			0	(13,294)	(40,002)	(78,981)	(131,689)	(196,516)	(273,316)	(361,695)	(462,683)	(575,762)	(701,000)	(838,024)	
13. PY Gross Plant-in-Service/Depreciation Base		98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	98,962,157	
14. Less: PY Accumulated Depreciation		(2,575,999)	(2,822,720)	(3,069,441)	(3,316,162)	(3,562,883)	(3,809,604)	(4,056,325)	(4,303,046)	(4,549,767)	(4,796,488)	(5,043,208)	(5,289,929)	(5,536,650)	
15. Less: Accumulated Deferred Income Taxes		(2,332,317)	(2,599,839)	(2,878,093)	(3,035,455)	(3,343,054)	(3,481,061)	(3,602,471)	(3,681,153)	(3,865,379)	(3,994,061)	(4,128,063)	(4,221,760)	(4,105,158)	
16. Net Book Value		$ 94,053,841	$ 98,871,922	$103,714,377	$ 108,205,046	$113,119,199	$117,542,260	$121,912,161	$126,154,305	$130,692,552	$135,066,122	$ 139,449,173	$143,711,298	$ 148,124,325	
17. Average Net Investment			$ 96,462,881	$101,293,149	$ 105,959,712	$110,662,122	$ 115,330,730	$119,727,211	$124,033,233	$128,423,429	$132,879,337	$ 137,257,647	$ 141,580,235	$ 145,917,811	$ 121,627,291
18. Return on Average Net Investment															
19. Net Income	5.21%		$ 418,520	$ 439,477	$ 459,724	$ 480,126	$ 500,382	$ 519,456	$ 538,139	$ 557,186	$ 576,519	$ 595,515	$ 614,269	$ 633,089	$ 6,332,403
20. Tax Gross-Up Rate	1.6483		1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	
21. Taxable Income			$ 689,838	$ 724,381	$ 757,753	$ 791,381	$ 824,768	$ 856,209	$ 887,002	$ 918,398	$ 950,264	$ 981,575	$ 1,012,487	$ 1,043,506	$ 10,437,561
22. Interest	2.37%		$ 190,715	$ 200,265	$ 209,491	$ 218,788	$ 228,018	$ 236,711	$ 245,224	$ 253,904	$ 262,714	$ 271,370	$ 279,916	$ 288,492	$ 2,885,607
23. Pre-Tax Return on Investment (Ln 19 + 20)			$ 609,235	$ 639,742	$ 669,215	$ 698,914	$ 728,400	$ 756,167	$ 783,363	$ 811,090	$ 839,233	$ 866,885	$ 894,185	$ 921,580	$ 9,218,011
24. Investment Expenses															
25. Depreciation - CY	2.99%		0	13,294	26,709	38,978	52,709	64,826	76,800	88,379	100,988	113,079	125,238	137,024	838,024
26. Depreciation - Prior Years	2.99%		246,721	246,721	246,721	246,721	246,721	246,721	246,721	246,721	246,721	246,721	246,721	246,721	2,960,651
27. Property Taxes	2.32%		201,497	211,892	221,401	232,041	241,432	250,711	259,684	269,455	278,825	288,247	297,381	306,423	3,058,989
28. Income Taxes			271,317	284,903	298,029	311,255	324,386	336,752	348,864	361,212	373,745	386,059	398,217	410,418	4,105,158
29. Revenue Requirements (Lines 21 through 26)			$ 1,328,771	$ 1,396,552	$ 1,462,074	$ 1,527,910	$ 1,593,648	$ 1,655,178	$ 1,715,432	$ 1,776,857	$ 1,839,511	$ 1,900,992	$ 1,961,742	$ 2,022,166	$ 20,180,832
30. Tax Dept forecasted ADIT		(22,627,684)	(23,973,574)	(25,330,196)	(26,565,926)	(27,951,893)	(29,168,268)	(30,368,046)	(31,525,096)	(32,787,690)	(33,994,740)	(35,207,110)	(36,379,174)	(37,340,940)	
31. NOLC variable		20,295,367	21,373,735	22,452,103	23,530,471	24,608,839	25,687,207	26,765,575	27,843,943	28,922,311	30,000,679	31,079,047	32,157,415	33,235,782	12,940,415
32. Net ADIT		(2,332,317)	(2,599,839)	(2,878,093)	(3,035,455)	(3,343,054)	(3,481,061)	(3,602,471)	(3,681,153)	(3,865,379)	(3,994,061)	(4,128,063)	(4,221,760)	(4,105,158)	

Line	Description	Amount
33.	Avg Net Rate Base	121,627,291
34.	Return on Investment	6,332,403
35.	Return Grossed up for Taxes	10,437,561
36.	Tax Rate	39.33%
37.	Income Taxes On Return Only	4,105,158
38.	Deferred Taxes in Rate Base	(4,105,158)
39.	Residual Income Taxes	(0)

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Line	Description	rate	Beginning of Period Amount	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	End of Period
1.	Investments - New															
2.	Eligible Investments - Mains			$ 5,924,457	$ 5,978,231	$ 5,467,969	$ 6,119,030	$ 5,400,237	$ 5,336,196	$ 5,160,084	$ 5,619,195	$ 5,388,529	$ 5,418,407	$ 5,252,780	$ 5,199,885	$ 66,265,000
3.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
4.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
5.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
6.	Investments - Prior Year															
7.	Eligible Investments - Mains			158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	
8.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
9.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
10.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
11.	CY Gross Plant-in-Service/Depreciation Base			$ 5,924,457	$ 11,902,688	$ 17,370,657	$ 23,489,687	$ 28,889,924	$ 34,226,119	$ 39,386,203	$ 45,005,398	$ 50,393,928	$ 55,812,335	$ 61,065,115	$ 66,265,000	
12.	Less: Accumulated Depreciation			0	(14,770)	(44,445)	(87,751)	(146,313)	(218,338)	(303,666)	(401,859)	(514,062)	(639,698)	(778,843)	(931,083)	
13.	PY Gross Plant-in-Service/Depreciation Base		158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	158,604,157	
14.	Less: PY Accumulated Depreciation		(6,374,674)	(6,770,088)	(7,165,501)	(7,560,914)	(7,956,328)	(8,351,741)	(8,747,155)	(9,142,568)	(9,537,981)	(9,933,395)	(10,328,808)	(10,724,221)	(11,119,635)	
15.	Less: Accumulated Deferred Income Taxes		(4,105,158)	(4,361,415)	(4,627,805)	(4,783,832)	(5,077,680)	(5,216,590)	(5,340,585)	(5,425,741)	(5,607,787)	(5,739,277)	(5,875,917)	(5,975,939)	(6,013,966)	
16.	Net Book Value		$ 148,124,325	$ 153,397,111	$158,698,769	$ 163,585,623	$168,972,085	$ 173,779,437	$ 178,524,199	$ 183,118,385	$ 188,061,927	$ 192,811,351	$197,572,069	$ 202,190,269	$ 206,804,473	
17.	Average Net Investment			$ 150,760,718	$156,047,940	$ 161,142,196	$166,278,854	$ 171,375,761	$ 176,151,818	$ 180,821,292	$ 185,590,156	$ 190,436,639	$195,191,710	$ 199,881,169	$ 204,497,371	$178,181,302
18.	Return on Average Net Investment															
19.	Net Income	5.21%		$ 654,101	$ 677,040	$ 699,142	$ 721,429	$ 743,542	$ 764,264	$ 784,523	$ 805,214	$ 826,241	$ 846,872	$ 867,218	$ 887,246	$ 9,276,831
20.	Tax Gross-Up Rate	1.6483		1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	
21.	Taxable Income			$ 1,078,139	$ 1,115,950	$ 1,152,381	$ 1,189,115	$ 1,225,564	$ 1,259,720	$ 1,293,113	$ 1,327,216	$ 1,361,875	$ 1,395,880	$ 1,429,416	$ 1,462,428	$ 15,290,797
22.	Interest	2.37%		$ 298,067	$ 308,520	$ 318,592	$ 328,747	$ 338,824	$ 348,267	$ 357,499	$ 366,927	$ 376,509	$ 385,910	$ 395,182	$ 404,308	$ 4,227,351
23.	Pre-Tax Return on Investment (Ln 19 + 20)			$ 952,167	$ 985,560	$ 1,017,734	$ 1,050,176	$ 1,082,366	$ 1,112,531	$ 1,142,022	$ 1,172,141	$ 1,202,750	$ 1,232,782	$ 1,262,399	$ 1,291,554	$ 13,504,183
24.	Investment Expenses															
25.	Depreciation - CY	2.99%		0	14,770	29,674	43,306	58,562	72,025	85,329	98,193	112,202	125,636	139,145	152,240	931,083
26.	Depreciation - Prior Years	2.99%		395,413	395,413	395,413	395,413	395,413	395,413	395,413	395,413	395,413	395,413	395,413	395,413	4,744,961
27.	Property Taxes	2.32%		317,869	329,419	339,983	351,805	362,239	372,548	382,517	393,374	403,784	414,253	424,401	434,447	4,526,639
28.	Income Taxes			424,039	438,910	453,239	467,686	482,022	495,456	508,589	522,002	535,634	549,008	562,198	575,182	6,013,966
29.	Revenue Requirements (Lines 21 through 26)			$ 2,089,488	$ 2,164,072	$ 2,236,043	$ 2,308,387	$ 2,380,603	$ 2,447,973	$ 2,513,870	$ 2,581,124	$ 2,649,784	$ 2,717,093	$ 2,783,557	$ 2,848,837	$ 29,720,831
30.	Tax Dept forecasted ADIT		(37,340,940)	(38,567,427)	(39,804,046)	(40,930,301)	(42,194,379)	(43,303,517)	(44,397,741)	(45,453,126)	(46,605,402)	(47,707,120)	(48,813,989)	(49,884,240)	(50,892,496)	
31.	NOLC variable		33,235,782	34,206,011	35,176,240	36,146,469	37,116,698	38,086,927	39,057,156	40,027,385	40,997,614	41,967,843	42,938,072	43,908,301	44,878,530	11,642,748
32.	Net ADIT		(4,105,158)	(4,361,415)	(4,627,805)	(4,783,832)	(5,077,680)	(5,216,590)	(5,340,585)	(5,425,741)	(5,607,787)	(5,739,277)	(5,875,917)	(5,975,939)	(6,013,966)	

Line		
33.	Avg Net Rate Base	178,181,302
34.	Return on Investment	9,276,831
35.	Return Grossed up for Taxes	15,290,797
36.	Tax Rate	39.33%
37.	Income Taxes On Return Only	6,013,966
38.	Deferred Taxes in Rate Base	(6,013,966)
39.	Residual Income Taxes	0

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Line	Description	rate	Beginning of Period Amount	Oct-20	Nov-20	Dec-20	Jan-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	End of Period
1.	Investments - New															
2.	Eligible Investments - Mains			$ 6,576,223	$ 6,635,913	$ 6,069,516	$ 6,792,202	$ 5,994,332	$ 5,923,245	$ 5,727,759	$ 6,237,379	$ 5,981,337	$ 6,014,501	$ 5,830,654	$ 5,771,939	$ 73,555,000
3.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
4.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
5.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
6.	Investments - Prior Year															
7.	Eligible Investments - Mains			224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	
8.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
9.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
10.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
11.	CY Gross Plant-in-Service/Depreciation Base			$ 6,576,223	$ 13,212,136	$ 19,281,652	$ 26,073,854	$ 32,068,186	$ 37,991,432	$ 43,719,191	$ 49,956,570	$ 55,937,906	$ 61,952,408	$ 67,783,061	$ 73,555,000	
12.	Less: Accumulated Depreciation			0	(16,395)	(49,334)	(97,405)	(162,409)	(242,358)	(337,074)	(446,069)	(570,615)	(710,073)	(864,525)	(1,033,514)	
13.	PY Gross Plant-in-Service/Depreciation Base		224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	224,869,157	
14.	Less: PY Accumulated Depreciation		(12,050,718)	(12,611,336)	(13,171,953)	(13,732,571)	(14,293,188)	(14,853,806)	(15,414,423)	(15,975,041)	(16,535,658)	(17,096,276)	(17,656,893)	(18,217,511)	(18,778,129)	
15.	Less: Accumulated Deferred Income Taxes		(6,013,966)	(6,278,884)	(6,554,882)	(6,716,784)	(7,022,376)	(7,167,577)	(7,297,787)	(7,388,147)	(7,579,646)	(7,719,147)	(7,864,501)	(7,972,319)	(8,084,050)	
16.	Net Book Value		$ 206,804,473	$ 212,555,160	$ 218,338,063	$ 223,652,120	$ 229,530,042	$ 234,753,552	$ 239,906,020	$ 244,888,086	$ 250,264,353	$ 255,421,026	$ 260,590,098	$ 265,597,863	$ 270,528,465	
17.	Average Net Investment			$ 209,679,817	$ 215,446,612	$ 220,995,092	$ 226,591,081	$ 232,141,797	$ 237,329,786	$ 242,397,053	$ 247,576,220	$ 252,842,689	$ 258,005,562	$ 263,093,980	$ 268,063,164	$ 239,513,571
18.	Return on Average Net Investment															
19.	Net Income	5.21%		$ 909,731	$ 934,751	$ 958,824	$ 983,103	$ 1,007,186	$ 1,029,695	$ 1,051,680	$ 1,074,151	$ 1,097,000	$ 1,119,400	$ 1,141,477	$ 1,163,037	$ 12,470,035
20.	Tax Gross-Up Rate	1.6483		1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	
21.	Taxable Income			$ 1,499,489	$ 1,540,730	$ 1,580,409	$ 1,620,427	$ 1,660,122	$ 1,697,223	$ 1,733,461	$ 1,770,499	$ 1,808,161	$ 1,845,083	$ 1,881,472	$ 1,917,008	$ 20,554,084
22.	Interest	2.37%		$ 414,554	$ 425,956	$ 436,926	$ 447,989	$ 458,964	$ 469,221	$ 479,239	$ 489,479	$ 499,891	$ 510,098	$ 520,159	$ 529,983	$ 5,682,459
23.	Pre-Tax Return on Investment (Ln 19 + 20)			$ 1,324,285	$ 1,360,707	$ 1,395,750	$ 1,431,093	$ 1,466,150	$ 1,498,916	$ 1,530,919	$ 1,563,630	$ 1,596,891	$ 1,629,499	$ 1,661,636	$ 1,693,020	$ 18,152,494
24.	Investment Expenses															
25.	Depreciation - CY	2.99%		0	16,395	32,939	48,071	65,004	79,949	94,716	108,996	124,546	139,458	154,453	168,989	1,033,514
26.	Depreciation - Prior Years	2.99%		560,618	560,618	560,618	560,618	560,618	560,618	560,618	560,618	560,618	560,618	560,618	560,618	6,727,411
27.	Property Taxes	2.32%		447,152	459,973	471,699	484,822	496,403	507,847	518,913	530,963	542,519	554,139	565,404	576,555	6,156,389
28.	Income Taxes			589,758	605,979	621,585	637,324	652,936	667,529	681,781	696,348	711,161	725,682	739,994	753,971	8,084,049
29.	Revenue Requirements (Lines 21 through 26)			$ 2,921,813	$ 3,003,671	$ 3,082,590	$ 3,161,927	$ 3,241,111	$ 3,314,857	$ 3,386,947	$ 3,460,554	$ 3,535,735	$ 3,609,396	$ 3,682,104	$ 3,753,152	$ 40,153,857
30.	Tax Dept forecasted ADIT		(50,892,496)	(52,175,233)	(53,469,049)	(54,648,770)	(55,972,181)	(57,135,200)	(58,283,230)	(59,391,408)	(60,600,725)	(61,758,045)	(62,921,217)	(64,046,854)	(65,176,404)	
31.	NOLC variable		44,878,530	45,896,349	46,914,168	47,931,986	48,949,805	49,967,623	50,985,442	52,003,261	53,021,079	54,038,898	55,056,717	56,074,535	57,092,354	12,213,824
32.	Net ADIT		(6,013,966)	(6,278,884)	(6,554,882)	(6,716,784)	(7,022,376)	(7,167,577)	(7,297,787)	(7,388,147)	(7,579,646)	(7,719,147)	(7,864,501)	(7,972,319)	(8,084,050)	
33.														Avg Net Rate Base		239,513,571
34.														Return on Investment		12,470,035
35.														Return Grossed up for Taxes		20,554,084
36.														Tax Rate		39.33%
37.														Income Taxes On Return Only		8,084,050
38.														Deferred Taxes in Rate Base		(8,084,050)
39.														Residual Income Taxes		0

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Line	Description	rate	Beginning of Period Amount	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	End of Period
1.	Investments - New															
2.	Eligible Investments - Mains			$ 7,299,514	$ 7,365,769	$ 6,737,076	$ 7,539,247	$ 6,653,623	$ 6,574,718	$ 6,357,731	$ 6,923,401	$ 6,639,198	$ 6,676,011	$ 6,471,942	$ 6,406,770	$ 81,645,000
3.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
4.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
5.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
6.	Investments - Prior Year															
7.	Eligible Investments - Mains			298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	
8.	Eligible Investments - Services			0	0	0	0	0	0	0	0	0	0	0	0	
9.	Eligible Investments - Regulator Stations			0	0	0	0	0	0	0	0	0	0	0	0	
10.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
11.	CY Gross Plant-in-Service/Depreciation Base			$ 7,299,514	$ 14,665,283	$ 21,402,358	$ 28,941,606	$ 35,595,229	$ 42,169,947	$ 48,527,678	$ 55,451,079	$ 62,090,277	$ 68,766,288	$ 75,238,230	$ 81,645,000	
12.	Less: Accumulated Depreciation			0	(18,198)	(54,760)	(108,118)	(180,272)	(269,014)	(374,147)	(495,130)	(633,375)	(788,171)	(959,611)	(1,147,186)	
13.	PY Gross Plant-in-Service/Depreciation Base		298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	298,424,157	
14.	Less: PY Accumulated Depreciation		(19,811,643)	(20,555,639)	(21,299,635)	(22,043,632)	(22,787,628)	(23,531,624)	(24,275,621)	(25,019,617)	(25,763,613)	(26,507,609)	(27,251,606)	(27,995,602)	(28,739,598)	
15.	Less: Accumulated Deferred Income Taxes		(8,084,050)	(8,374,243)	(8,677,143)	(8,853,811)	(9,190,352)	(9,349,283)	(9,491,948)	(9,590,748)	(9,802,167)	(9,956,257)	(10,117,217)	(10,236,886)	(10,332,174)	
16.	Net Book Value		$ 270,528,465	$ 276,793,789	$ 283,094,463	$ 288,874,312	$ 295,279,665	$ 300,958,207	$ 306,557,522	$ 311,967,323	$ 317,814,326	$ 323,417,193	$ 329,033,452	$ 334,470,288	$ 339,850,199	
17.	Average Net Investment			$ 273,661,127	$ 279,944,126	$ 285,984,388	$ 292,076,989	$ 298,118,936	$ 303,757,864	$ 309,262,422	$ 314,890,824	$ 320,615,760	$ 326,225,323	$ 331,751,870	$ 337,160,243	$ 306,120,823
18.	Return on Average Net Investment															
19.	Net Income	5.21%		$ 1,187,324	$ 1,214,584	$ 1,240,791	$ 1,267,225	$ 1,293,439	$ 1,317,904	$ 1,341,787	$ 1,366,206	$ 1,391,045	$ 1,415,383	$ 1,439,361	$ 1,462,826	$ 15,937,875
20.	Tax Gross-Up Rate	1.6483		1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	1.6483	
21.	Taxable Income			$ 1,957,041	$ 2,001,972	$ 2,045,168	$ 2,088,739	$ 2,131,947	$ 2,172,272	$ 2,211,637	$ 2,251,888	$ 2,292,829	$ 2,332,945	$ 2,372,467	$ 2,411,144	$ 26,270,048
22.	Interest	2.37%		$ 541,051	$ 553,473	$ 565,415	$ 577,461	$ 589,406	$ 600,555	$ 611,438	$ 622,565	$ 633,884	$ 644,975	$ 655,901	$ 666,594	$ 7,262,717
23.	Pre-Tax Return on Investment (Ln 19 + 20)			$ 1,728,375	$ 1,768,057	$ 1,806,206	$ 1,844,685	$ 1,882,845	$ 1,918,459	$ 1,953,224	$ 1,988,772	$ 2,024,929	$ 2,060,358	$ 2,095,262	$ 2,129,420	$ 23,200,591
24.	Investment Expenses															
25.	Depreciation - CY	2.99%		0	18,198	36,562	53,358	72,154	88,742	105,133	120,984	138,244	154,796	171,440	187,575	1,147,186
26.	Depreciation - Prior Years	2.99%		743,996	743,996	743,996	743,996	743,996	743,996	743,996	743,996	743,996	743,996	743,996	743,996	8,927,956
27.	Property Taxes	2.32%		590,658	604,889	617,905	632,471	645,325	658,028	670,311	683,687	696,514	709,412	721,916	734,294	7,965,410
28.	Income Taxes			769,716	787,388	804,377	821,514	838,508	854,368	869,851	885,682	901,784	917,562	933,106	948,318	10,332,173
29.	Revenue Requirements (Lines 21 through 26)			$ 3,832,746	$ 3,922,529	$ 4,009,046	$ 4,096,024	$ 4,182,828	$ 4,263,593	$ 4,342,515	$ 4,423,120	$ 4,505,467	$ 4,586,124	$ 4,665,720	$ 4,743,603	$ 51,573,316
30.	Tax Dept forecasted ADIT		(65,176,404)	(66,610,918)	(68,058,140)	(69,379,129)	(70,859,991)	(72,163,244)	(73,450,230)	(74,693,351)	(76,049,092)	(77,347,503)	(78,652,784)	(79,916,776)	(81,156,385)	
31.	NOLC variable		57,092,354	58,236,675	59,380,997	60,525,318	61,669,640	62,813,961	63,958,282	65,102,604	66,246,925	67,391,246	68,535,568	69,679,889	70,824,211	13,731,857
32.	Net ADIT		(8,084,050)	(8,374,243)	(8,677,143)	(8,853,811)	(9,190,352)	(9,349,283)	(9,491,948)	(9,590,748)	(9,802,167)	(9,956,257)	(10,117,217)	(10,236,886)	(10,332,174)	
33.														Avg Net Rate Base		306,120,823
34.														Return on Investment		15,937,875
35.														Return Grossed up for Taxes		26,270,048
36.														Tax Rate		39.33%
37.														Income Taxes On Return Only		10,332,174
38.														Deferred Taxes in Rate Base		(10,332,174)
39.														Residual Income Taxes		0

Atmos Energy
Docket No. 2015-UN-049
Assumptions for System Integrity Rider Revenue Requirement

				FY18	FY19	FY20	FY21	FY22
				YR 1	**YR 2**	**YR 3**	**YR 4**	**YR 5**
Projected Capital Investment				52,587,758	59,642,000	66,265,000	73,555,000	81,645,000

Capital Structure:	Weight	Cost		Wtd Cost			
Debt	46.254%	5.129%		2.37%	<- SRF A-7		
Customer Deposit	1.246%	1.820%		0.02%	<- SRF A-7		
Equity	52.50%	9.92%		5.21%	<- SRF A-7		
Total Cost				7.60%			
Composite Depreciation Rate				2.99%	409,140,219	12,240,361	<- Accts 376 , 378, 380; SRF MS Depr Plant Bals
Property Tax				2.32%	555,116,635	12,869,901	<- SRF Property Tax
Interest on Under Estimates	(use short term debt rate)			1.82%	<- SRF A-7		
Interest on Over Estimates	(use weighted average cost of capital)			7.60%	<- SRF A-7		
Tax Gross-Up Rate				1.648278			
Statutory Tax Rate				39.33%			

C-3 TAX	Tax Expansion Factor Details			
1	GROSS REQUIREMENT		1.0000	
2	MUNICIPAL FRANCHISE TAX RATE		0.0175	<- SRF C-3, ln 2
3	Ln 1 - 2		0.9825	
4				
5	STATE INCOME TAX (5% X Ln 3)	5.0%	0.049	
6	Ln 3 - 5		0.9334	
7				
8	FEDERAL INCOME TAX (35% X Ln 6)	35.00%	0.3267	
9	Ln 6 - 8		0.6067	
	Statutory Tax Rate		39.33%	

ATMOS ENERGY DOCKET NO. 2015-UN-049

SIR Typical Monthly Bill

SIR Cost Per Month

Rate Code	Nov-17	Projected Nov-18	Nov-19	Nov-20	Nov-21
301	$ 2.86	$ 5.04	$ 7.42	$ 10.03	$ 12.88
304	$ 56.82	$ 100.19	$ 147.55	$ 199.34	$ 256.03
305	$ 11.51	$ 20.30	$ 29.90	$ 40.39	$ 51.88
306	$ 19.34	$ 34.10	$ 50.23	$ 67.86	$ 87.16
307	$ 45.35	$ 79.96	$ 117.75	$ 159.09	$ 204.33
308	$ 57.17	$ 100.81	$ 148.47	$ 200.58	$ 257.63
309	$ 59.62	$ 105.13	$ 154.82	$ 209.17	$ 268.66
310/311	$ 64.85	$ 114.35	$ 168.41	$ 227.53	$ 292.23
331	$ 5.35	$ 9.43	$ 13.88	$ 18.76	$ 24.09
335	$ 11.52	$ 20.31	$ 29.91	$ 40.41	$ 51.90

SIR Cost Per Year

Rate Code	Nov-17	Projected Nov-18	Nov-19	Nov-20	Nov-21
301	$ 34.30	$ 60.48	$ 89.07	$ 120.34	$ 154.56
304	$ 681.82	$ 1,202.23	$ 1,770.56	$ 2,392.08	$ 3,072.37
305	$ 138.16	$ 243.62	$ 358.78	$ 484.73	$ 622.58
306	$ 232.10	$ 409.25	$ 602.71	$ 814.29	$ 1,045.86
307	$ 544.14	$ 959.47	$ 1,413.04	$ 1,909.06	$ 2,451.99
308	$ 686.06	$ 1,209.72	$ 1,781.58	$ 2,406.98	$ 3,091.50
309	$ 715.44	$ 1,261.51	$ 1,857.86	$ 2,510.03	$ 3,223.86
310/311	$ 778.23	$ 1,372.23	$ 2,020.92	$ 2,730.33	$ 3,506.82
331	$ 64.15	$ 113.12	$ 166.60	$ 225.08	$ 289.09
335	$ 138.21	$ 243.71	$ 358.92	$ 484.91	$ 622.81

System Integrity Rider
2017 Rate Calculation (2018 Investment)
Effective November 1, 2017

Total Revenue Requirement				$ 11,445,107.04
Base Charge	$	42,078,921.28	46.6%	$ 5,330,227.00
Commodity Charge	$	48,273,287.50	53.4%	$ 6,114,880.04
	$	90,352,208.78		

DOCKET NO. 2015-UN-049

	Fixed Monthly Rates	12 mo ended Dec 2016	% of Base Charge		Base Charge
301	Residential Year Round	32,363,287.02			
301	Residential Year Round Multi Unit	49,166.22			
	Base Charge Total	32,412,453.24	77.03%	Yearly Rev. Requirement	$ 4,105,754.81
	Average Base Charge Count	215,029		**Monthly Charge per bill**	$ 1.59
304	Commercial Year Round Multi Unit	20,131.03			
304	Public Authority Year Round Multi Unit	12,354.07			
	Base Charge Total	32,485.10	0.08%	Yearly Rev. Requirement	$ 4,114.96
	Average Base Charge Count	77		**Monthly Charge per bill**	$ 4.44
305	Commercial Year Round	3,078,989.82			
305	Industrial Year Round	47,347.12			
305	Public Authority Year Round	474,579.55			
305	Unmetered Gas Lights	1,241.40			
	Base Charge Total	3,602,157.89	8.56%	Yearly Rev. Requirement	$ 456,293.05
	Average Base Charge Count	14,643		**Monthly Charge per bill**	$ 2.60
306	Commerical Small Business Incentive	56,044.36	0.13%	Yearly Rev. Requirement	$ 7,099.26
	Average Base Charge Count	308		**Monthly Charge per bill**	$ 1.92
307*	Intermediate Volume (TBS)	707,355.11	1.68%	Yearly Rev. Requirement	$ 89,602.19
	Average Base Charge Count	165		**Monthly Charge per bill**	$ 45.35
308*	Large Volume (TBS)	41,523.12	0.10%	Yearly Rev. Requirement	$ 5,259.82
	Average Base Charge Count	8		**Monthly Charge per bill**	$ 57.17
309	Commercial Interruptible Year Round	1,705.35			
309	Industrial Interruptible Year Round	16,349.89			
309	Public Authority Interruptible Year Round	1,092.34			
309*	Interruptible billed in TBS	2,184.68			
	Base Charge Total	21,332.26	0.05%	Yearly Rev. Requirement	$ 2,702.20
	Average Base Charge Count	20		**Monthly Charge per bill**	$ 11.40
310*,311*	Municipal Power Generating & Boiler (TBS)	30,718.26	0.07%	Yearly Rev. Requirement	$ 3,891.15
	Average Base Charge Count	5		**Monthly Charge per bill**	$ 64.85
331	Residential Heating Season (Oct - May)	1,958,966.47			
331	Residential Heating Season (Oct - May) Hearth	25,100.47			
331	Residential Heating Season (Oct - May) Multi Unit	5,171.47			
	Base Charge Total	1,989,238.41	4.73%	Yearly Rev. Requirement	$ 251,981.09
	Average Base Charge Count	10,302		**Monthly Charge per bill**	$ 3.06
335	Commercial Heating Season (Oct - May)	2,939,432.27			
335	Industrial Heating Season (Oct - May)	13,663.89			
335	Public Authority Heating Season (Oct - May)	232,517.37			
	Base Charge Total	3,185,613.53	7.57%	Yearly Rev. Requirement	$ 403,528.48
	Average Base Charge Count	7,597		**Monthly Charge per bill**	$ 6.64
	Base Charge Total	42,078,921.28	100.00%	Rev Requirement	$ 5,330,227.00
	Total Base Charge Count	248,153			

* Data from TBS (Transportation Billing System) billing records

	Volumetric Monthly Rates	12 mo ended Dec 2016	% of Com Charge		Commodity Charge	Typical Customer Monthly Bill
301	Residential Year Round	25,788,924.90				
301	Residential Year Round Multi Unit	25,126.93				$ 1.59 fixed charge
	Commodity Charge Total	25,814,051.83	53.47%	Yearly Rev. Requirement	$ 3,269,920.87	$ 1.27 volumetric charge
	Total Volumes	124,577,598		**Charge per CCF**	$ 0.02625	$ 2.86 Total
304	Commercial Year Round Multi Unit	185,294.76				
304	Public Authority Year Round Multi Unit	198,021.51				$ 4.44 fixed charge
	Commodity Charge Total	383,316.27	0.79%	Yearly Rev. Requirement	$ 48,555.49	$ 52.38 volumetric charge
	Total Volumes	1,280,841		**Charge per CCF**	$ 0.03791	$ 56.82 Total
305	Commercial Year Round	11,961,591.67				
305	Industrial Year Round	1,484,714.56				
305	Public Authority Year Round	4,195,030.02				
305	Unmetered Gas Lights	6,091.46				$ 2.60 fixed charge
	Commodity Charge Total	17,647,427.71	36.56%	Yearly Rev. Requirement	$ 2,235,437.22	$ 8.92 volumetric charge
	Total Volumes	62,675,262		**Charge per CCF**	$ 0.03567	$ 11.51 Total
306	Commerical Small Business Incentive	508,750.92	1.05%	Yearly Rev. Requirement	$ 64,444.56	$ 1.92 fixed charge
	Total Volumes	2,295,356		**Charge per CCF**	$ 0.02808	$ 17.42 volumetric charge
						$ 19.34 Total
307*	Intermediate Volume (TBS)	n/a				$ 45.35 Total
308*	Large Volume (TBS)	n/a				$ 57.17 Total
309	Commercial Interruptible Year Round	38,576.44				
309	Industrial Interruptible Year Round	50,817.77				
309	Public Authority Interruptible Year Round	820.31				
309	Interruptible billed in TBS	n/a				$ 11.40 fixed charge
	Commodity Charge Total	90,214.52	0.19%	Yearly Rev. Requirement	$ 11,427.67	$ 48.22 volumetric charge
	Total Volumes	276,710		**Charge per CCF**	$ 0.04130	$ 59.62 Total
310*,311*	Municipal Power Generating & Boiler (TBS)	n/a				$ 64.85 Total
331	Residential Heating Season (Oct - May)	1,482,050.34				
331	Residential Heating Season (Oct - May) Hearth	3,491.69				
331	Residential Heating Season (Oct - May) Multi Unit	3,555.57				$ 3.06 fixed charge
	Commodity Charge Total	1,489,097.60	3.08%	Yearly Rev. Requirement	$ 188,627.16	$ 2.29 volumetric charge
	Total Volumes	6,535,834		**Charge per CCF**	$ 0.02886	$ 5.35 Total
335	Commercial Heating Season (Oct - May)	1,979,624.29				
335	Industrial Heating Season (Oct - May)	114,926.79				
335	Public Authority Heating Season (Oct - May)	245,877.57				$ 6.64 fixed charge
	Commodity Charge Total	2,340,428.65	4.85%	Yearly Rev. Requirement	$ 296,467.08	$ 4.88 volumetric charge
	Total Volumes	11,042,094		**Charge per CCF**	$ 0.02685	$ 11.52 Total
	Commodity Charge Total	48,273,287.50	100.00%	Rev Requirement	$ 6,114,880.04	
	Total Volumes	208,683,694				

* No volumetric charge for TBS customers

System Integrity Rider
2018 Rate Calculation (2019 Investment)
Effective November 1, 2018

Total Revenue Requirement				$	20,180,832.39
Base Charge	$	42,078,921.28	46.6%	$	9,398,638.00
Commodity Charge	$	48,273,287.50	53.4%	$	10,782,194.39
	$	90,352,208.78			

DOCKET NO. 2015-UN-049

	Fixed Monthly Rates	12 mo ended Dec 2016	% of Base Charge			Base Charge
301	Residential Year Round	32,363,287.02				
301	Residential Year Round Multi Unit	49,166.22				
	Base Charge Total	32,412,453.24	77.03%	Yearly Rev. Requirement	$	7,239,560.94
	Average Base Charge Count	215,029		**Monthly Charge per bill**	$	2.81
304	Commercial Year Round Multi Unit	20,131.03				
304	Public Authority Year Round Multi Unit	12,354.07				
	Base Charge Total	32,485.10	0.08%	Yearly Rev. Requirement	$	7,255.79
	Average Base Charge Count	77		**Monthly Charge per bill**	$	7.83
305	Commercial Year Round	3,078,989.82				
305	Industrial Year Round	47,347.12				
305	Public Authority Year Round	474,579.55				
305	Unmetered Gas Lights	1,241.40				
	Base Charge Total	3,602,157.89	8.56%	Yearly Rev. Requirement	$	804,568.58
	Average Base Charge Count	14,643		**Monthly Charge per bill**	$	4.58
306	Commerical Small Business Incentive	56,044.36	0.13%	Yearly Rev. Requirement	$	12,517.92
	Average Base Charge Count	308		**Monthly Charge per bill**	$	3.38
307*	Intermediate Volume (TBS)	707,355.11	1.68%	Yearly Rev. Requirement	$	157,992.99
	Average Base Charge Count	165		**Monthly Charge per bill**	$	79.96
		0.00				
308*	Large Volume (TBS)	41,523.12	0.10%	Yearly Rev. Requirement	$	9,274.50
	Average Base Charge Count	8		**Monthly Charge per bill**	$	100.81
309	Commercial Interruptible Year Round	1,705.35				
309	Industrial Interruptible Year Round	16,349.89				
309	Public Authority Interruptible Year Round	1,092.34				
309*	Interruptible billed in TBS	2,184.68				
	Base Charge Total	21,332.26	0.05%	Yearly Rev. Requirement	$	4,764.72
	Average Base Charge Count	20		**Monthly Charge per bill**	$	20.10
310*,311*	Municipal Power Generating & Boiler (TBS)	30,718.26	0.07%	Yearly Rev. Requirement	$	6,861.15
	Average Base Charge Count	5		**Monthly Charge per bill**	$	114.35
331	Residential Heating Season (Oct - May)	1,958,966.47				
331	Residential Heating Season (Oct - May) Hearth	25,100.47				
331	Residential Heating Season (Oct - May) Multi Unit	5,171.47				
	Base Charge Total	1,989,238.41	4.73%	Yearly Rev. Requirement	$	444,311.10
	Average Base Charge Count	10,302		**Monthly Charge per bill**	$	5.39
335	Commercial Heating Season (Oct - May)	2,939,432.27				
335	Industrial Heating Season (Oct - May)	13,663.89				
335	Public Authority Heating Season (Oct - May)	232,517.37				
	Base Charge Total	3,185,613.53	7.57%	Yearly Rev. Requirement	$	711,530.32
	Average Base Charge Count	7,597		**Monthly Charge per bill**	$	11.71
	Base Charge Total	42,078,921.28	100.00%	Rev Requirement	$	9,398,638.00
	Total Base Charge Count	248,153				

* Data from TBS (Transportation Billing System) billing records

	Volumetric Monthly Rates	12 mo ended Dec 2016	% of Com Charge			Commodity Charge	Typical Customer Monthly Bill		
301	Residential Year Round	25,788,924.90							
301	Residential Year Round Multi Unit	25,126.93					$	2.81	fixed charge
	Commodity Charge Total	25,814,051.83	53.47%	Yearly Rev. Requirement	$	5,765,758.65	$	2.23	volumetric charge
	Total Volumes	124,577,598		**Charge per CCF**	$	0.04628	$	5.04	Total
304	Commercial Year Round Multi Unit	185,294.76							
304	Public Authority Year Round Multi Unit	198,021.51					$	7.83	fixed charge
	Commodity Charge Total	383,316.27	0.79%	Yearly Rev. Requirement	$	85,616.51	$	92.36	volumetric charge
	Total Volumes	1,280,841		**Charge per CCF**	$	0.06684	$	100.19	Total
305	Commercial Year Round	11,961,591.67							
305	Industrial Year Round	1,484,714.56							
305	Public Authority Year Round	4,195,030.02							
305	Unmetered Gas Lights	6,091.46					$	4.58	fixed charge
	Commodity Charge Total	17,647,427.71	36.56%	Yearly Rev. Requirement	$	3,941,682.99	$	15.72	volumetric charge
	Total Volumes	62,675,262		**Charge per CCF**	$	0.06289	$	20.30	Total
306	Commerical Small Business Incentive	508,750.92	1.05%	Yearly Rev. Requirement	$	113,633.27	$	3.38	fixed charge
	Total Volumes	2,295,356		**Charge per CCF**	$	0.04951	$	30.72	volumetric charge
							$	34.10	Total
307*	Intermediate Volume (TBS)	n/a					$	79.96	Total
308*	Large Volume (TBS)	n/a					$	100.81	Total
309	Commercial Interruptible Year Round	38,576.44							
309	Industrial Interruptible Year Round	50,817.77							
309	Public Authority Interruptible Year Round	820.31							
309	Interruptible billed in TBS	n/a					$	20.10	fixed charge
	Commodity Charge Total	90,214.52	0.19%	Yearly Rev. Requirement	$	20,150.08	$	85.02	volumetric charge
	Total Volumes	276,710		**Charge per CCF**	$	0.07282	$	105.13	Total
310*,311*	Municipal Power Generating & Boiler (TBS)	n/a					$	114.35	Total
331	Residential Heating Season (Oct - May)	1,482,050.34							
331	Residential Heating Season (Oct - May) Hearth	3,491.69							
331	Residential Heating Season (Oct - May) Multi Unit	3,555.57					$	5.39	fixed charge
	Commodity Charge Total	1,489,097.60	3.08%	Yearly Rev. Requirement	$	332,600.92	$	4.04	volumetric charge
	Total Volumes	6,535,834		**Charge per CCF**	$	0.05089	$	9.43	Total
335	Commercial Heating Season (Oct - May)	1,979,624.29							
335	Industrial Heating Season (Oct - May)	114,926.79							
335	Public Authority Heating Season (Oct - May)	245,877.57					$	11.71	fixed charge
	Commodity Charge Total	2,340,428.65	4.85%	Yearly Rev. Requirement	$	522,751.98	$	8.60	volumetric charge
	Total Volumes	11,042,094		**Charge per CCF**	$	0.04734	$	20.31	Total
	Commodity Charge Total	48,273,287.50	100.00%	Rev Requirement	$	10,782,194.39			
	Total Volumes	208,683,694							

* No volumetric charge for TBS customers

2019 Rate Calculation (2020 Investment)
Effective November 1, 2019

Total Revenue Requirement				$	29,720,831.05
Base Charge	$	42,078,921.28	46.6%	$	13,841,615.00
Commodity Charge	$	48,273,287.50	53.4%	$	15,879,216.05
	$	90,352,208.78			

DOCKET NO. 2015-UN-049

	Fixed Monthly Rates	12 mo ended Dec 2016	% of Base Charge			Base Charge
301	Residential Year Round	32,363,287.02				
301	Residential Year Round Multi Unit	49,166.22				
	Base Charge Total	32,412,453.24	77.03%	Yearly Rev. Requirement	$	10,661,886.89
	Average Base Charge Count	215,029		Monthly Charge per bill	$	4.13
304	Commercial Year Round Multi Unit	20,131.03				
304	Public Authority Year Round Multi Unit	12,354.07				
	Base Charge Total	32,485.10	0.08%	Yearly Rev. Requirement	$	10,685.78
	Average Base Charge Count	77		Monthly Charge per bill	$	11.53
305	Commercial Year Round	3,078,989.82				
305	Industrial Year Round	47,347.12				
305	Public Authority Year Round	474,579.55				
305	Unmetered Gas Lights	1,241.40				
	Base Charge Total	3,602,157.89	8.56%	Yearly Rev. Requirement	$	1,184,908.77
	Average Base Charge Count	14,643		Monthly Charge per bill	$	6.74
306	Commerical Small Business Incentive	56,044.36	0.13%	Yearly Rev. Requirement	$	18,435.46
	Average Base Charge Count	308		Monthly Charge per bill	$	4.98
307*	Intermediate Volume (TBS)	707,355.11	1.68%	Yearly Rev. Requirement	$	232,680.33
	Average Base Charge Count	165		Monthly Charge per bill	$	117.75
308*	Large Volume (TBS)	41,523.12	0.10%	Yearly Rev. Requirement	$	13,658.79
	Average Base Charge Count	8		Monthly Charge per bill	$	148.47
309	Commercial Interruptible Year Round	1,705.35				
309	Industrial Interruptible Year Round	16,349.89				
309	Public Authority Interruptible Year Round	1,092.34				
309*	Interruptible billed in TBS	2,184.68				
	Base Charge Total	21,332.26	0.05%	Yearly Rev. Requirement	$	7,017.12
	Average Base Charge Count	20		Monthly Charge per bill	$	29.61
310*,311*	Municipal Power Generating & Boiler (TBS)	30,718.26	0.07%	Yearly Rev. Requirement	$	10,104.59
	Average Base Charge Count	5		Monthly Charge per bill	$	168.41
331	Residential Heating Season (Oct - May)	1,958,966.47				
331	Residential Heating Season (Oct - May) Hearth	25,100.47				
331	Residential Heating Season (Oct - May) Multi Unit	5,171.47				
	Base Charge Total	1,989,238.41	4.73%	Yearly Rev. Requirement	$	654,348.34
	Average Base Charge Count	10,302		Monthly Charge per bill	$	7.94
335	Commercial Heating Season (Oct - May)	2,939,432.27				
335	Industrial Heating Season (Oct - May)	13,663.89				
335	Public Authority Heating Season (Oct - May)	232,517.37				
	Base Charge Total	3,185,613.53	7.57%	Yearly Rev. Requirement	$	1,047,888.94
	Average Base Charge Count	7,597		Monthly Charge per bill	$	17.24
	Base Charge Total	42,078,921.28	100.00%	Rev Requirement	$	13,841,615.00
	Total Base Charge Count	248,153				

* Data from TBS (Transportation Billing System) billing records

	Volumetric Monthly Rates	12 mo ended Dec 2016	% of Com Charge			Commodity Charge	Typical Customer Monthly Bill		
301	Residential Year Round	25,788,924.90							
301	Residential Year Round Multi Unit	25,126.93					$	4.13	fixed charge
	Commodity Charge Total	25,814,051.83	53.47%	Yearly Rev. Requirement	$	8,491,381.62	$	3.29	volumetric charge
	Total Volumes	124,577,598		Charge per CCF	$	0.06816	$	7.42	Total
304	Commercial Year Round Multi Unit	185,294.76							
304	Public Authority Year Round Multi Unit	198,021.51					$	11.53	fixed charge
	Commodity Charge Total	383,316.27	0.79%	Yearly Rev. Requirement	$	126,089.65	$	136.02	volumetric charge
	Total Volumes	1,280,841		Charge per CCF	$	0.09844	$	147.55	Total
305	Commercial Year Round	11,961,591.67							
305	Industrial Year Round	1,484,714.56							
305	Public Authority Year Round	4,195,030.02							
305	Unmetered Gas Lights	6,091.46					$	6.74	fixed charge
	Commodity Charge Total	17,647,427.71	36.56%	Yearly Rev. Requirement	$	5,805,018.30	$	23.16	volumetric charge
	Total Volumes	62,675,262		Charge per CCF	$	0.09262	$	29.90	Total
306	Commerical Small Business Incentive	508,750.92	1.05%	Yearly Rev. Requirement	$	167,350.64	$	4.98	fixed charge
	Total Volumes	2,295,356		Charge per CCF	$	0.07291	$	45.24	volumetric charge
							$	50.23	Total
307*	Intermediate Volume (TBS)	n/a					$	117.75	Total
308*	Large Volume (TBS)	n/a					$	148.47	Total
309	Commercial Interruptible Year Round	38,576.44							
309	Industrial Interruptible Year Round	50,817.77							
309	Public Authority Interruptible Year Round	820.31							
309	Interruptible billed in TBS	n/a					$	29.61	fixed charge
	Commodity Charge Total	90,214.52	0.19%	Yearly Rev. Requirement	$	29,675.54	$	125.21	volumetric charge
	Total Volumes	276,710		Charge per CCF	$	0.10724	$	154.82	Total
310*,311*	Municipal Power Generating & Boiler (TBS)	n/a					$	168.41	Total
331	Residential Heating Season (Oct - May)	1,482,050.34							
331	Residential Heating Season (Oct - May) Hearth	3,491.69							
331	Residential Heating Season (Oct - May) Multi Unit	3,555.57					$	7.94	fixed charge
	Commodity Charge Total	1,489,097.60	3.08%	Yearly Rev. Requirement	$	489,829.96	$	5.94	volumetric charge
	Total Volumes	6,535,834		Charge per CCF	$	0.07495	$	13.88	Total
335	Commercial Heating Season (Oct - May)	1,979,624.29							
335	Industrial Heating Season (Oct - May)	114,926.79							
335	Public Authority Heating Season (Oct - May)	245,877.57					$	17.24	fixed charge
	Commodity Charge Total	2,340,428.65	4.85%	Yearly Rev. Requirement	$	769,870.34	$	12.67	volumetric charge
	Total Volumes	11,042,094		Charge per CCF	$	0.06972	$	29.91	Total
	Commodity Charge Total	48,273,287.50	100.00%	Rev Requirement	$	15,879,216.05			
	Total Volumes	208,683,694							

* No volumetric charge for TBS customers

System Integrity Rider
2020 Rate Calculation (2021 Investment)
Effective November 1, 2020

Total Revenue Requirement				$	40,153,856.90
Base Charge	$	42,078,921.28	46.6%	$	18,700,495.00
Commodity Charge	$	48,273,287.50	53.4%	$	21,453,361.90
	$	90,352,208.78			-

DOCKET NO. 2015-UN-049

	Fixed Monthly Rates	12 mo ended Dec 2016	% of Base Charge			Base Charge
301	Residential Year Round	32,363,287.02				
301	Residential Year Round Multi Unit	49,166.22				
	Base Charge Total	32,412,453.24	77.03%	Yearly Rev. Requirement	$	14,404,573.63
	Average Base Charge Count	215,029		Monthly Charge per bill	$	5.58
304	Commercial Year Round Multi Unit	20,131.03				
304	Public Authority Year Round Multi Unit	12,354.07				
	Base Charge Total	32,485.10	0.08%	Yearly Rev. Requirement	$	14,436.86
	Average Base Charge Count	77		Monthly Charge per bill	$	15.57
305	Commercial Year Round	3,078,989.82				
305	Industrial Year Round	47,347.12				
305	Public Authority Year Round	474,579.55				
305	Unmetered Gas Lights	1,241.40				
	Base Charge Total	3,602,157.89	8.56%	Yearly Rev. Requirement	$	1,600,852.25
	Average Base Charge Count	14,643		Monthly Charge per bill	$	9.11
306	Commerical Small Business Incentive	56,044.36	0.13%	Yearly Rev. Requirement	$	24,906.94
	Average Base Charge Count	308		Monthly Charge per bill	$	6.73
307*	Intermediate Volume (TBS)	707,355.11	1.68%	Yearly Rev. Requirement	$	314,359.07
	Average Base Charge Count	165		Monthly Charge per bill	$	159.09
308*	Large Volume (TBS)	41,523.12	0.10%	Yearly Rev. Requirement	$	18,453.49
	Average Base Charge Count	8		Monthly Charge per bill	$	200.58
309	Commercial Interruptible Year Round	1,705.35				
309	Industrial Interruptible Year Round	16,349.89				
309	Public Authority Interruptible Year Round	1,092.34				
309*	Interruptible billed in TBS	2,184.68				
	Base Charge Total	21,332.26	0.05%	Yearly Rev. Requirement	$	9,480.37
	Average Base Charge Count	20		Monthly Charge per bill	$	40.00
310*,311*	Municipal Power Generating & Boiler (TBS)	30,718.26	0.07%	Yearly Rev. Requirement	$	13,651.65
	Average Base Charge Count	5		Monthly Charge per bill	$	227.53
331	Residential Heating Season (Oct - May)	1,958,966.47				
331	Residential Heating Season (Oct - May) Hearth	25,100.47				
331	Residential Heating Season (Oct - May) Multi Unit	5,171.47				
	Base Charge Total	1,989,238.41	4.73%	Yearly Rev. Requirement	$	884,046.97
	Average Base Charge Count	10,302		Monthly Charge per bill	$	10.73
335	Commercial Heating Season (Oct - May)	2,939,432.27				
335	Industrial Heating Season (Oct - May)	13,663.89				
335	Public Authority Heating Season (Oct - May)	232,517.37				
	Base Charge Total	3,185,613.53	7.57%	Yearly Rev. Requirement	$	1,415,733.77
	Average Base Charge Count	7,597		Monthly Charge per bill	$	23.29
	Base Charge Total	42,078,921.28	100.00%	Rev Requirement	$	18,700,495.00
	Total Base Charge Count	248,153				

* Data from TBS (Transportation Billing System) billing records

	Volumetric Monthly Rates	12 mo ended Dec 2016	% of Com Charge			Commodity Charge	Typical Customer Monthly Bill	
301	Residential Year Round	25,788,924.90						
301	Residential Year Round Multi Unit	25,126.93					$ 5.58	fixed charge
	Commodity Charge Total	25,814,051.83	53.47%	Yearly Rev. Requirement	$	11,472,145.87	$ 4.45	volumetric charge
	Total Volumes	124,577,598		Charge per CCF	$	0.09209	$ 10.03	Total
304	Commercial Year Round Multi Unit	185,294.76						
304	Public Authority Year Round Multi Unit	198,021.51					$ 15.57	fixed charge
	Commodity Charge Total	383,316.27	0.79%	Yearly Rev. Requirement	$	170,351.41	$ 183.77	volumetric charge
	Total Volumes	1,280,841		Charge per CCF	$	0.13300	$ 199.34	Total
305	Commercial Year Round	11,961,591.67						
305	Industrial Year Round	1,484,714.56						
305	Public Authority Year Round	4,195,030.02						
305	Unmetered Gas Lights	6,091.46					$ 9.11	fixed charge
	Commodity Charge Total	17,647,427.71	36.56%	Yearly Rev. Requirement	$	7,842,777.50	$ 31.28	volumetric charge
	Total Volumes	62,675,262		Charge per CCF	$	0.12513	$ 40.39	Total
306	Commerical Small Business Incentive	508,750.92	1.05%	Yearly Rev. Requirement	$	226,096.42	$ 6.73	fixed charge
	Total Volumes	2,295,356		Charge per CCF	$	0.09850	$ 61.12	volumetric charge
							$ 67.86	Total
307*	Intermediate Volume (TBS)	n/a					$ 159.09	Total
308*	Large Volume (TBS)	n/a					$ 200.58	Total
309	Commercial Interruptible Year Round	38,576.44						
309	Industrial Interruptible Year Round	50,817.77						
309	Public Authority Interruptible Year Round	820.31						
309	Interruptible billed in TBS	n/a					$ 40.00	fixed charge
	Commodity Charge Total	90,214.52	0.19%	Yearly Rev. Requirement	$	40,092.67	$ 169.17	volumetric charge
	Total Volumes	276,710		Charge per CCF	$	0.14489	$ 209.17	Total
310*,311*	Municipal Power Generating & Boiler (TBS)	n/a					$ 227.53	Total
331	Residential Heating Season (Oct - May)	1,482,050.34						
331	Residential Heating Season (Oct - May) Hearth	3,491.69						
331	Residential Heating Season (Oct - May) Multi Unit	3,555.57					$ 10.73	fixed charge
	Commodity Charge Total	1,489,097.60	3.08%	Yearly Rev. Requirement	$	661,776.97	$ 8.03	volumetric charge
	Total Volumes	6,535,834		Charge per CCF	$	0.10125	$ 18.76	Total
335	Commercial Heating Season (Oct - May)	1,979,624.29						
335	Industrial Heating Season (Oct - May)	114,926.79						
335	Public Authority Heating Season (Oct - May)	245,877.57					$ 23.29	fixed charge
	Commodity Charge Total	2,340,428.65	4.85%	Yearly Rev. Requirement	$	1,040,121.06	$ 17.11	volumetric charge
	Total Volumes	11,042,094		Charge per CCF	$	0.09420	$ 40.41	Total
	Commodity Charge Total	48,273,287.50	100.00%	Rev Requirement	$	21,453,361.90		
	Total Volumes	208,683,694						

* No volumetric charge for TBS customers

System Integrity Rider
2021 Rate Calculation (2022 Investment)
Effective November 1, 2021

Total Revenue Requirement				**$**	**61,573,316.00**
Base Charge	$	42,078,921.28	46.6%	$	24,018,776.00
Commodity Charge	$	48,273,287.50	53.4%	$	27,554,540.00
	$	90,352,208.78			

DOCKET NO. 2015-UN-049

	Fixed Monthly Rates	12 mo ended Dec 2016	% of Base Charge			Base Charge
301	Residential Year Round	32,363,287.02				
301	Residential Year Round Multi Unit	49,166.22				
	Base Charge Total	32,412,453.24	77.03%	Yearly Rev. Requirement	$	18,501,126.70
	Average Base Charge Count	215,029		Monthly Charge per bill	$	7.17
304	Commercial Year Round Multi Unit	20,131.03				
304	Public Authority Year Round Multi Unit	12,354.07				
	Base Charge Total	32,485.10	0.08%	Yearly Rev. Requirement	$	18,542.59
	Average Base Charge Count	77		Monthly Charge per bill	$	20.00
305	Commercial Year Round	3,078,989.82				
305	Industrial Year Round	47,347.12				
305	Public Authority Year Round	474,579.55				
305	Unmetered Gas Lights	1,241.40				
	Base Charge Total	3,602,157.89	8.56%	Yearly Rev. Requirement	$	2,056,122.66
	Average Base Charge Count	14,643		Monthly Charge per bill	$	11.70
306	Commerical Small Business Incentive	56,044.36	0.13%	Yearly Rev. Requirement	$	31,990.29
	Average Base Charge Count	308		Monthly Charge per bill	$	8.65
307*	Intermediate Volume (TBS)	707,355.11	1.68%	Yearly Rev. Requirement	$	403,760.44
	Average Base Charge Count	165		Monthly Charge per bill	$	204.33
308*	Large Volume (TBS)	41,523.12	0.10%	Yearly Rev. Requirement	$	23,701.52
	Average Base Charge Count	8		Monthly Charge per bill	$	257.63
309	Commercial Interruptible Year Round	1,705.35				
309	Industrial Interruptible Year Round	16,349.89				
309	Public Authority Interruptible Year Round	1,092.34				
309*	Interruptible billed in TBS	2,184.68				
	Base Charge Total	21,332.26	0.05%	Yearly Rev. Requirement	$	12,176.52
	Average Base Charge Count	20		Monthly Charge per bill	$	51.38
310*,311*	Municipal Power Generating & Boiler (TBS)	30,718.26	0.07%	Yearly Rev. Requirement	$	17,534.08
	Average Base Charge Count	5		Monthly Charge per bill	$	292.23
331	Residential Heating Season (Oct - May)	1,958,966.47				
331	Residential Heating Season (Oct - May) Hearth	25,100.47				
331	Residential Heating Season (Oct - May) Multi Unit	5,171.47				
	Base Charge Total	1,989,238.41	4.73%	Yearly Rev. Requirement	$	1,135,463.32
	Average Base Charge Count	10,302		Monthly Charge per bill	$	13.78
335	Commercial Heating Season (Oct - May)	2,939,432.27				
335	Industrial Heating Season (Oct - May)	13,663.89				
335	Public Authority Heating Season (Oct - May)	232,517.37				
	Base Charge Total	3,185,613.53	7.57%	Yearly Rev. Requirement	$	1,818,357.87
	Average Base Charge Count	7,597		Monthly Charge per bill	$	29.92
	Base Charge Total	42,078,921.28	100.00%	Rev Requirement	$	24,018,776.00
	Total Base Charge Count	248,153				

* Data from TBS (Transportation Billing System) billing records

	Volumetric Monthly Rates	12 mo ended Dec 2016	% of Com Charge			Commodity Charge	Typical Customer Monthly Bill
301	Residential Year Round	25,788,924.90					
301	Residential Year Round Multi Unit	25,126.93					$ 7.17 fixed charge
	Commodity Charge Total	25,814,051.83	53.47%	Yearly Rev. Requirement	$	14,734,739.65	$ 5.71 volumetric charge
	Total Volumes	124,577,598		Charge per CCF	$	0.11828	$ 12.88 Total
304	Commercial Year Round Multi Unit	185,294.76					
304	Public Authority Year Round Multi Unit	198,021.51					$ 20.00 fixed charge
	Commodity Charge Total	383,316.27	0.79%	Yearly Rev. Requirement	$	218,798.10	$ 236.03 volumetric charge
	Total Volumes	1,280,841		Charge per CCF	$	0.17082	$ 256.03 Total
305	Commercial Year Round	11,961,591.67					
305	Industrial Year Round	1,484,714.56					
305	Public Authority Year Round	4,195,030.02					
305	Unmetered Gas Lights	6,091.46					$ 11.70 fixed charge
	Commodity Charge Total	17,647,427.71	36.56%	Yearly Rev. Requirement	$	10,073,205.66	$ 40.18 volumetric charge
	Total Volumes	62,675,262		Charge per CCF	$	0.16072	$ 51.88 Total
306	Commerical Small Business Incentive	508,750.92	1.05%	Yearly Rev. Requirement	$	290,396.58	$ 8.65 fixed charge
	Total Volumes	2,295,356		Charge per CCF	$	0.12651	$ 78.51 volumetric charge
							$ 87.16 Total
307*	Intermediate Volume (TBS)	n/a					$ 204.33 Total
308*	Large Volume (TBS)	n/a					$ 257.63 Total
309	Commercial Interruptible Year Round	38,576.44					
309	Industrial Interruptible Year Round	50,817.77					
309	Public Authority Interruptible Year Round	820.31					
309	Interruptible billed in TBS	n/a					$ 51.38 fixed charge
	Commodity Charge Total	90,214.52	0.19%	Yearly Rev. Requirement	$	51,494.72	$ 217.28 volumetric charge
	Total Volumes	276,710		Charge per CCF	$	0.18610	$ 268.66 Total
310*,311*	Municipal Power Generating & Boiler (TBS)	n/a					$ 292.23 Total
331	Residential Heating Season (Oct - May)	1,482,050.34					
331	Residential Heating Season (Oct - May) Hearth	3,491.69					
331	Residential Heating Season (Oct - May) Multi Unit	3,555.57					$ 13.78 fixed charge
	Commodity Charge Total	1,489,097.60	3.08%	Yearly Rev. Requirement	$	849,981.46	$ 10.31 volumetric charge
	Total Volumes	6,535,834		Charge per CCF	$	0.13005	$ 24.09 Total
335	Commercial Heating Season (Oct - May)	1,979,624.29					
335	Industrial Heating Season (Oct - May)	114,926.79					
335	Public Authority Heating Season (Oct - May)	245,877.57					$ 29.92 fixed charge
	Commodity Charge Total	2,340,428.65	4.85%	Yearly Rev. Requirement	$	1,335,923.82	$ 21.98 volumetric charge
	Total Volumes	11,042,094		Charge per CCF	$	0.12098	$ 51.90 Total
	Commodity Charge Total	48,273,287.50	100.00%	Rev Requirement	$	27,554,540.00	
	Total Volumes	208,683,694					

* No volumetric charge for TBS customers

SAP Data - CY 2016

			Base Charge	Commodity Charge
Rate Category		Rate Number	$	$
MSCM_306C	MS - COM SMALL BUSINESS / COMP GAS TAX	MS- COM COMMODITY CHARGE (NON- WNA)		171,689.62
		MS- COM MONTHLY CUSTOMER CHARGE	202.80	
		MS- COM STABLE RATE RIDER CHARGE	169.56	143,434.98
MSCM_335H	MS- COM HEATING SEASON (OCT-MAY)	MS- COM COMMODITY CHARGE/WNA		1,078,923.23
		MS- COM SEASONAL MONTHLY CUSTOMER CHARGE	1,603,992.00	
		MS- COM STABLE RATE RIDER CHARGE	1,335,440.27	900,701.06
MSCM_309I	MS- COM INTERRUPTIBLE YEAR ROUND	MS- COM COMMODITY CHARGE (NON- WNA)		21,083.19
		MS- COM MONTHLY CUSTOMER CHARGE	932.29	
		MS- COM STABLE RATE RIDER CHARGE	773.06	17,493.25
MSCM_306D	MS- COM SMALL BUSINESS INCENTIVE RIDER	MS- COM COMMODITY CHARGE/WNA		106,446.46
		MS- COM MONTHLY CUSTOMER CHARGE	30,318.78	
		MS- COM STABLE RATE RIDER CHARGE	25,353.22	87,179.86
MSCM_305Y	MS- COM YEAR ROUND	MS- COM COMMODITY CHARGE/WNA		6,521,634.96
		MS- COM MONTHLY CUSTOMER CHARGE	1,677,343.55	
		MS- COM STABLE RATE RIDER CHARGE	1,401,631.33	5,439,953.27
MSCM_304M	MS- COM YEAR ROUND (MULTI- UNIT)	MS- COM COMMODITY CHARGE/WNA		100,945.87
		MS- COM MONTHLY CUSTOMER CHARGE BY UNITS	10,964.86	
		MS- COM STABLE RATE RIDER CHARGE	9,166.17	84,348.89
MSND_335H	MS- IND HEATING SEASON (OCT-MAY)	MS- IND COMMODITY CHARGE/WNA		62,631.06
		MS- IND SEASONAL MONTHLY CUSTOMER CHARGE	7,441.40	
		MS- IND STABLE RATE RIDER CHARGE	6,222.49	52,295.73
MSND_309I	MS- IND INTERRUPTIBLE YEAR ROUND	MS- IND COMMODITY CHARGE (NON- WNA)		27,670.01
		MS- IND MONTHLY CUSTOMER CHARGE	8,947.71	
		MS- IND STABLE RATE RIDER CHARGE	7,402.18	23,147.76
MSND_305Y	MS- IND YEAR ROUND	MS- IND COMMODITY CHARGE/WNA		808,672.52
		MS- IND MONTHLY CUSTOMER CHARGE	25,795.92	
		MS- IND STABLE RATE RIDER CHARGE	21,551.20	676,042.04
MSPA_335H	MS- PUB AUTH HEATING SEASON (OCT-MAY)	MS- PUB COMMODITY CHARGE/WNA		134,019.37
		MS- PUB SEASONAL MONTHLY CUSTOMER CHARGE	126,834.70	
		MS- PUB STABLE RATE RIDER CHARGE	105,682.67	111,858.20
MSPA_309I	MS- PUB AUTH INTERRRUPTIBLE YEAR ROUND	MS- PUB COMMODITY CHARGE (NON- WNA)		445.93
		MS- PUB MONTHLY CUSTOMER CHARGE	595.08	
		MS- PUB STABLE RATE RIDER CHARGE	497.26	374.38
MSPA_305Y	MS- PUB AUTH YEAR ROUND	MS- PUB COMMODITY CHARGE/WNA		2,286,921.24
		MS- PUB MONTHLY CUSTOMER CHARGE	258,500.30	
		MS- PUB STABLE RATE RIDER CHARGE	216,079.25	1,908,108.78
MSPA_304M	MS- PUB AUTH YEAR ROUND (MULTI- UNIT)	MS- PUB COMMODITY CHARGE/WNA		107,947.25
		MS- PUB MONTHLY CUSTOMER CHARGE BY UNITS	6,729.99	
		MS- PUB STABLE RATE RIDER CHARGE	5,624.08	90,074.26
MSRS_331M	MS- RES HEATING SEAS(OCT-MAY) MULTI UNIT	MS- RES COMMODITY CHARGE/WNA		1,938.21
		MS- RES SEASONAL MONTHLY CUSTOMER CHARGE_MULTIUNIT	2,820.32	
		MS- RES STABLE RATE RIDER CHARGE	2,351.15	1,617.36
MSRS_331H	MS- RES HEATING SEASON (OCT-MAY)	MS- RES COMMODITY CHARGE/WNA		807,856.78
		MS- RES SEASONAL MONTHLY CUSTOMER CHARGE	1,068,884.49	
		MS- RES STABLE RATE RIDER CHARGE	890,081.98	674,193.56
MSRS_331G	MS- RES HEATING SEASON (OCT-MAY) HEARTH	MS- RES COMMODITY CHARGE/WNA		1,902.94
		MS- RES HEARTH CHARGE	13,868.19	
		MS- RES SEASONAL MONTHLY CUSTOMER CHARGE	6,128.67	
		MS- RES STABLE RATE RIDER CHARGE	5,103.61	1,588.75
MSRS_301M	MS- RES YEAR ROUND MULTI UNIT	MS- RES COMMODITY CHARGE/WNA		13,697.33
		MS- RES MONTHLY CUSTOMER CHARGE BY UNITS	26,783.25	
		MS- RES STABLE RATE RIDER CHARGE	22,382.97	11,429.60
MSRS_301Y	MS- RESIDENTIAL YEAR ROUND	MS- RES COMMODITY CHARGE/WNA		14,056,814.58
		MS- RES MONTHLY CUSTOMER CHARGE	17,638,170.03	
		MS- RES STABLE RATE RIDER CHARGE	14,725,116.99	11,732,110.32
MSCM_3UGL	MS- YEAR ROUND UNMETERED GAS LIGHTS	MS- COM COMMODITY CHARGE (NON- WNA)		3,318.36
		MS- COM MONTHLY CUSTOMER CHARGE	676.20	
		MS- COM STABLE RATE RIDER CHARGE	565.20	2,773.10
MSCM_305C	MS - COM YEAR ROUND / COMPRESSED GAS TAX	MS- COM COMMODITY CHARGE/WNA		1.90
		MS- COM MONTHLY CUSTOMER CHARGE	8.26	
		MS- COM STABLE RATE RIDER CHARGE	6.68	1.54
			41,297,140.11	48,273,287.50

Rate Category			Line Item Type			Volume	
MSCM_306C	MS - COM SMALL BUSINESS / COMP GAS TAX	Quantity	Y00002	COMMODITY CHARGE	CCF	1,328,687	1,328,687
MSCM_335H	MS- COM HEATING SEASON (OCT-MAY)	Quantity	Y00002	COMMODITY CHARGE	CCF	6,996,539	9,275,156
			Y00004	WNA AMOUNT	CCF	2,278,617	
MSCM_309I	MS- COM INTERRUPTIBLE YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	118,578	118,578
MSCM_306D	MS- COM SMALL BUSINESS INCENTIVE RIDER	Quantity	Y00002	COMMODITY CHARGE	CCF	823,774	966,669
			Y00004	WNA AMOUNT	CCF	142,895	
MSCM_305Y	MS- COM YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	37,852,690	41,964,166
			Y00004	WNA AMOUNT	CCF	4,111,476	
MSCM_304M	MS- COM YEAR ROUND (MULTI- UNIT)	Quantity	Y00002	COMMODITY CHARGE	CCF	548,798	611,867
			Y00004	WNA AMOUNT	CCF	63,069	
MSND_335H	MS- IND HEATING SEASON (OCT-MAY)	Quantity	Y00002	COMMODITY CHARGE	CCF	406,142	615,377
			Y00004	WNA AMOUNT	CCF	209,235	
MSND_309I	MS- IND INTERRUPTIBLE YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	155,624	155,624
MSND_305Y	MS- IND YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	4,693,671	5,387,347
			Y00004	WNA AMOUNT	CCF	693,676	
MSPA_335H	MS- PUB AUTH HEATING SEASON (OCT-MAY)	Quantity	Y00002	COMMODITY CHARGE	CCF	869,076	1,151,561
			Y00004	WNA AMOUNT	CCF	282,485	
MSPA_309I	MS- PUB AUTH INTERRRUPTIBLE YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	2,508	2,508
MSPA_305Y	MS- PUB AUTH YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	13,273,680	15,304,489
			Y00004	WNA AMOUNT	CCF	2,030,809	
MSPA_304M	MS- PUB AUTH YEAR ROUND (MULTI- UNIT)	Quantity	Y00002	COMMODITY CHARGE	CCF	586,861	668,974
			Y00004	WNA AMOUNT	CCF	82,113	
MSRS_331M	MS- RES HEATING SEAS(OCT-MAY) MULTI UNIT	Quantity	Y00002	COMMODITY CHARGE	CCF	11,809	15,084
			Y00004	WNA AMOUNT	CCF	3,275	
MSRS_331H	MS- RES HEATING SEASON (OCT-MAY)	Quantity	Y00002	COMMODITY CHARGE	CCF	4,921,990	6,503,894
			Y00004	WNA AMOUNT	CCF	1,581,904	
MSRS_331G	MS- RES HEATING SEASON (OCT-MAY) HEARTH	Quantity	Y00002	COMMODITY CHARGE	CCF	11,594	16,856
			Y00004	WNA AMOUNT	CCF	5,262	
MSRS_301M	MS- RES YEAR ROUND MULTI UNIT	Quantity	Y00002	COMMODITY CHARGE	CCF	103,729	125,131
			Y00004	WNA AMOUNT	CCF	21,402	
MSRS_301Y	MS- RESIDENTIAL YEAR ROUND	Quantity	Y00002	COMMODITY CHARGE	CCF	106,453,027	124,452,467
			Y00004	WNA AMOUNT	CCF	17,999,439	
MSCM_3UGL	MS- YEAR ROUND UNMETERED GAS LIGHTS	Quantity	Y00002	COMMODITY CHARGE	CCF	19,260	19,260
		Quantity			CCF	208,683,694	208,683,694

		Base Charge Count
Rate Category	Fiscal year/period	Average
MSCM_306C	MS - COM SMALL BUSINESS / COMP GAS TAX	2
MSCM_335H	MS- COM HEATING SEASON (OCT-MAY)	7,008
MSCM_309I	MS- COM INTERRUPTIBLE YEAR ROUND	2
MSCM_306D	MS- COM SMALL BUSINESS INCENTIVE RIDER	306
MSCM_305Y	MS- COM YEAR ROUND	12,537
MSCM_304M	MS- COM YEAR ROUND (MULTI- UNIT)	49
MSND_335H	MS- IND HEATING SEASON (OCT-MAY)	39
MSND_309I	MS- IND INTERRUPTIBLE YEAR ROUND	15
MSND_305Y	MS- IND YEAR ROUND	191
MSPA_335H	MS- PUB AUTH HEATING SEASON (OCT-MAY)	550
MSPA_309I	MS- PUB AUTH INTERRRUPTIBLE YEAR ROUND	1
MSPA_305Y	MS- PUB AUTH YEAR ROUND	1,910
MSPA_304M	MS- PUB AUTH YEAR ROUND (MULTI- UNIT)	28
MSRS_331M	MS- RES HEATING SEAS(OCT-MAY) MULTI UNIT	26
MSRS_331H	MS- RES HEATING SEASON (OCT-MAY)	10,198
MSRS_331G	MS- RES HEATING SEASON (OCT-MAY) HEARTH	77
MSRS_301Y	MS- RESIDENTIAL YEAR ROUND	215,029
MSCM_3UGL	MS- YEAR ROUND UNMETERED GAS LIGHTS	5
	Total	247,973

TBS Data - CY 2016

Customer Charge

State	(All)
Description	(Multiple Items)

Stable Rate Charge

State	(All)
Description	(Multiple Items)

Sum of Customer Charge / Sum of NetAmt				
Applied Rate Code	Customer	Customer Charge Total	Stable Rate Charge Total	Customer Charge + Stable Rate
307	ADCAMP INC	2,350.80	1,964.54	
	ADVANCED COM	2,350.80	1,964.54	
	AMERIPRIDE	2,350.80	1,964.54	
	APAC	14,104.80	11,787.24	
	ARMSTRONG	2,350.80	1,964.54	
	ATLAS ROOFIN	2,350.80	1,964.54	
	ATTALA STEEL	4,701.60	3,929.08	
	AXIALL CORPS	2,350.80	1,964.54	
	AZTEC INDUST	2,350.80	1,964.54	
	AZZ GAL	1,567.20	1,318.00	
	BABCOCK WILC	1,763.10	1,482.75	
	BALDOR ELECT	2,350.80	1,964.54	
	BAPTIST MEMO	4,701.60	3,929.08	
	BELHAVEN COL	2,350.80	1,964.54	
	BOLIVER MEDI	2,350.80	1,964.54	
	BROADWAY LAU	2,350.80	1,964.54	
	BURROWS PAPE	2,350.80	1,964.54	
	CALEDONIA	2,350.80	1,964.54	
	CENT MS ME C	2,350.80	1,964.54	
	CINTAS	2,350.80	1,964.54	
	COAHOMA CUMM	2,350.80	1,964.54	
	COLUMBUS AIR	2,350.80	1,964.54	
	COLUMBUS BRI	2,350.80	1,964.54	
	COOPER TIRE	4,701.60	3,929.08	
	CREST FOAM	2,350.80	1,964.54	
	DELTA EXPERI	2,350.80	1,964.54	
	DELTA REGION	4,701.60	3,929.08	
	DELTA STATE	2,350.80	1,964.54	
	DENBURY ONSH	2,350.80	1,964.54	
	DEPT. FINANC	2,350.80	1,964.54	
	DICKERSON BO	2,350.80	1,964.54	
	EARTHGRAINS	2,350.80	1,964.54	
	EAST MISSISS	2,350.80	1,964.54	
	ELEVANCE	2,350.80	1,964.54	
	FAURECIA AUT	2,350.80	1,964.54	
	FISHBELT FEE	2,350.80	1,964.54	
	FITZGERALD C	587.70	481.79	
	G & K SERVIC	2,350.80	1,964.54	
	GAVILON GRAI	2,350.80	1,964.54	
	GILMORE MEMO	2,350.80	1,964.54	
	GOLD STRIKE	2,350.80	1,964.54	
	GRAND CASINO	195.90	164.75	
	GREENWOOD LE	2,350.80	1,964.54	
	GULF STATE C	2,350.80	1,964.54	
	HERTZ INVEST	2,350.80	1,964.54	
	HINDS COMMUN	2,350.80	1,964.54	
	HOLLYWOOD CA	2,350.80	1,964.54	
	HOLMES JUNIO	2,350.80	1,964.54	
	HORSESHOE CA	2,350.80	1,964.54	
	HUNTER DOUGL	2,350.80	1,964.54	
	HUNTER ENGIN	4,701.60	3,929.08	
	INT. PAPER	4,701.60	3,929.08	
	J J FERGUSON	2,350.80	1,964.54	
	J M JONES LU	2,350.80	1,964.54	
	JACKSON MEDI	2,350.80	1,964.54	
	JACKSON STAT	9,403.20	7,858.16	
	JEFF ANDERSO	4,701.60	3,929.08	
	KENTUCKY TEN	2,350.80	1,964.54	
	KINDER MORGA	2,350.80	1,964.54	
	LEHMAN ROBER	2,350.80	1,964.54	
	LOUIS DREYFU	2,350.80	1,964.54	
	LUVATA GRENA	2,350.80	1,964.54	
	M U W	2,350.80	1,964.54	
	MASTERFOODS	2,350.80	1,964.54	
	MDOT MATERIA	2,350.80	1,964.54	
	MERIDIAN COM	2,350.80	1,964.54	
	MILLSAPS COL	2,350.80	1,964.54	
	MISS BAPTIST	7,052.40	5,893.62	
	MISS COLLEGE	2,350.80	1,964.54	
	MISS DELTA C	2,350.80	1,964.54	
	MISS STATE V	2,350.80	1,964.54	
	MISS VALLEY	2,350.80	1,964.54	
	MS EDUCATION	2,350.80	1,964.54	
	MS STATE BOA	2,350.80	1,964.54	
	MSU	9,403.20	7,858.16	
	MTC	2,350.80	1,964.54	
	MTD	2,350.80	1,964.54	
	MTD SOUTH	2,350.80	1,964.54	
	NANOCOR INC	2,350.80	1,964.54	
	NATCHEZ REGI	2,350.80	1,964.54	
	NATCHEZ TRAC	2,350.80	1,964.54	
	NEWLY WEDS F	2,350.80	1,964.54	
	NMMC	7,052.40	5,893.62	
	NW MS REGION	2,350.80	1,964.54	
	OFFICE OF CA	2,350.80	1,964.54	
	OKTIBBEHA CO	2,350.80	1,964.54	
	PACKAGING CO	2,350.80	1,964.54	
	PHILLIPS ELE	2,350.80	1,964.54	
	PLYMOUTH	2,350.80	1,964.54	
	PRECISION PA	2,350.80	1,964.54	
	PREGIS	2,350.80	1,964.54	
	PRESTAGE FAR	2,350.80	1,964.54	
	PRIME LINE	2,350.80	1,964.54	
	PRODUCERS RI	4,701.60	3,929.08	
	RAYBERN FOOD	2,154.90	1,799.79	
	RIH ACQUISIT	2,350.80	1,964.54	
	RIVER OAKS E	2,350.80	1,964.54	
	RIVER OAKS H	4,701.60	3,929.08	
	RIVES AND RE	2,350.80	1,964.54	
	ROCK TENN CP	2,350.80	1,964.54	
	ROCKETT	2,350.80	1,964.54	
	RUSH MEM	2,350.80	1,964.54	
	S&B INDUSTRI	2,350.80	1,964.54	
	SAINT DOMINI	7,052.40	5,893.62	
	SAMS TOWN	2,350.80	1,964.54	
	SANDERSON FA	2,350.80	1,964.54	
	SCA NORTH AM	2,350.80	1,964.54	
	SCHULZ	3,918.00	3,270.08	
	SCOTT PETRO	2,350.80	1,964.54	
	SELECT SPECI	2,350.80	1,964.54	
	SOUTH ATLANT	1,567.20	1,305.54	
	SOUTHERN CAS	2,350.80	1,964.54	
	SOUTHERN ION	2,350.80	1,964.54	
	SOUTHWIRE	2,350.80	1,964.54	
	SUNSHINE MIL	2,350.80	1,964.54	
	SUPER SAGLES	2,350.80	1,964.54	
	SYNTRON MATE	2,350.80	1,964.54	
	TAYLOR MACHI	2,350.80	1,964.54	
	TECUMSEH	2,350.80	1,964.54	
	THE GRAND CA	195.90	164.75	
	THOMAS & BET	4,701.60	3,929.08	
	TJM TUNICA	4,309.80	3,599.58	
	TOUGALOO COL	2,350.80	1,964.54	
	TOWN OF DUCK	2,350.80	1,964.54	
	TRUE TEMPER	2,350.80	1,964.54	
	TUNICA CO	2,350.80	1,964.54	
	TUNICA ROADH	2,350.80	1,964.54	
	TYSON	2,350.80	1,964.54	
	UMC	4,701.60	3,929.08	
	USDA ARS	2,350.80	1,964.54	
	VALMET	2,350.80	1,964.54	
	VETERANS ADM	2,350.80	1,964.54	
	VIKING RANGE	2,350.80	1,964.54	
	VON DREHLE	2,350.80	1,964.54	
	WEAVEXX	2,350.80	1,964.54	
	WHOLESOME NU	2,350.80	1,964.54	
	WINSTON MEDI	2,350.80	1,964.54	
	YOKOHAMA	2,350.80	1,964.54	
307 Total		385,335.30	322,019.81	707,355.11
308	AKZO NOBEL	2,950.80	2,465.94	
	ATLAS ROOFIN	2,950.80	2,465.94	
	CERTAIN TEED	2,950.80	2,465.94	
	MSU	5,901.60	4,931.88	
	NAVAL AIR ST	2,950.80	2,465.94	
	WEYERHAEUSER	2,950.80	2,465.94	
	WINSTON PLYW	1,967.20	1,638.74	
308 Total		22,622.80	18,900.32	41,523.12
309	DELTA OIL MI	595.08	497.26	
	EXPRESS GRAI	595.08	497.26	
309 Total		1,190.16	994.52	2,184.68
310	GREENWOOD UT	3,610.80	3,017.46	
	INDI BELL	2,950.80	2,465.94	
	PROTEIN PROD	2,950.80	2,465.94	
	RESOLUTE FOR	3,610.80	3,017.46	
	YAZOO CITY P	3,610.80	3,017.46	
310 Total		16,734.00	13,984.26	30,718.26
Grand Total		425,882.26	355,898.91	781,781.17

Customer Count

State	(All)
Description	(All)

Count of Applied Rate Code		ProdYear 2016 / ProdMonth 1	2	3	4	5	6	7	8	9	10	11	12	2016 Total	Grand Total	Average
Applied Rate Code	Customer	1	2	3	4	5	6	7	8	9	10	11	12			
307	ADCAMP INC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ADVANCED COM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	AMERIPRIDE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	APAC	6	6	6	6	6	6	6	6	6	6	6	6	72	72	
	ARMSTRONG	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ATLAS ROOFIN	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ATTALA STEEL	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	AXIALL CORPS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	AZTEC INDUST	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	AZZ GAL	1	1	1	1	1	1	1	1					8	8	
	BABCOCK WILC	1	1	1	1	1	1	1	1	1				9	9	
	BALDOR ELECT	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	BAPTIST MEMO	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	BELHAVEN COL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	BOLIVER MEDI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	BROADWAY LAU	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	BURROWS PAPE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	CALEDONIA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	CENT MS ME C	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	CINTAS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	COAHOMA CUMM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	COLUMBUS AIR	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	COLUMBUS BRI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	COOPER TIRE	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	CREST FOAM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	DELTA EXPERI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	DELTA REGION	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	DELTA STATE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	DENBURY ONSH	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	DEPT. FINANC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	DICKERSON BO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	EARTHGRAINS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	EAST MISSISS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ELEVANCE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	FAURECIA AUT	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	FISHBELT FEE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	FITZGERALD C										1	1	1	3	3	
	G & K SERVIC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	GAVILON GRAI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	GILMORE MEMO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	GOLD STRIKE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	GRAND CASINO	1												1	1	
	GREENWOOD LE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	GULF STATE C	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HERTZ INVEST	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HINDS COMMUN	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HOLLYWOOD CA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HOLMES JUNIO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HORSESHOE CA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HUNTER DOUGL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	HUNTER ENGIN	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	INT. PAPER	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	J J FERGUSON	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	J M JONES LU	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	JACKSON MEDI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	JACKSON STAT	4	4	4	4	4	4	4	1	1	1	1	1	33	33	
	JEFF ANDERSO	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	KENTUCKY TEN	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	KINDER MORGA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	LEHMAN ROBER	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	LOUIS DREYFU	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	LUVATA GRENA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	M U W	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MASTERFOODS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MDOT MATERIA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MERIDIAN COM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MILLSAPS COL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MISS BAPTIST	3	3	3	3	3	3	3	3	3	3	3	3	36	36	
	MISS COLLEGE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MISS DELTA C	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MISS STATE V	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MISS VALLEY	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MS EDUCATION	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MS STATE BOA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MSU	4	4	4	4	4	4	4	4	4	4	4	4	48	48	
	MTC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MTD	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MTD SOUTH	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	NANOCOR INC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	NATCHEZ REGI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	NATCHEZ TRAC	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	NEWLY WEDS F	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	NMMC	3	3	3	3	3	3	3	3	3	3	3	3	36	36	
	NW MS REGION	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	OFFICE OF CA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	OKTIBBEHA CO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PACKAGING CO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PHILLIPS ELE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PLYMOUTH	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PRECISION PA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PREGIS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PRESTAGE FAR	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PRIME LINE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PRODUCERS RI	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	RAYBERN FOOD		1	1	1	1	1	1	1	1	1	1	1	11	11	
	RIH ACQUISIT	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	RIVER OAKS E	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	RIVER OAKS H	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	RIVES AND RE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ROCK TENN CP	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ROCKETT	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	RUSH MEM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	S&B INDUSTRI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SAINT DOMINI	3	3	3	3	3	3	3	3	3	3	3	3	36	36	
	SAMS TOWN	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SANDERSON FA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SCA NORTH AM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SCHULZ	1	1	1	1	2	2	2	2	2	2	2	2	20	20	
	SCOTT PETRO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SELECT SPECI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SOUTH ATLANT					1	1	1	1	1	1	1	1	8	8	
	SOUTHERN CAS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SOUTHERN ION	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SOUTHWIRE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	STEEL DYNAMI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SUNSHINE MIL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SUPER SAGLES	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	SYNTRON MATE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TAYLOR MACHI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TECUMSEH	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	THE GRAND CA	1												1	1	
	THOMAS & BET	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	TJM TUNICA		2	2	2	2	2	2	2	2	2	2	2	22	22	
	TOUGALOO COL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TOWN OF DUCK	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TRONOX	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TRUE TEMPER	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TUNICA CO	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TUNICA ROADH	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	TYSON	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	UMC	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	USDA ARS	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	VALMET	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	VETERANS ADM	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	VIKING RANGE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	VON DREHLE	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	WEAVEXX	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	WHOLESOME NU	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	WINSTON MEDI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	YOKOHAMA	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
307 Total		164	165	165	165	167	167	167	164	163	163	163	163	1,976.00	1,976.00	165
308	AKZO NOBEL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	ATLAS ROOFIN	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	CERTAIN TEED	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	MSU	2	2	2	2	2	2	2	2	2	2	2	2	24	24	
	NAVAL AIR ST	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	WEYERHAEUSER	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	WINSTON PLYW					1	1	1	1	1	1	1	1	8	8	
308 Total		7	7	7	7	8	8	8	8	8	8	8	8	92	92	8
309	DELTA OIL MI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	EXPRESS GRAI	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
309 Total		2	2	2	2	2	2	2	2	2	2	2	2	24	24	2
310	GREENWOOD UT	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	INDI BELL	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	PROTEIN PROD	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	RESOLUTE FOR	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
	YAZOO CITY P	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
310 Total		5	5	5	5	5	5	5	5	5	5	5	5	60	60	5
Grand Total		178	179	179	179	182	182	182	179	178	178	178	178	2,152	2,152	179

System Integrity Rider
5 Year Rate Impact

DOCKET NO. 2015-UN-049

Annual Change in Rates	SIR March 2017 Filing				SIR March 2018 Filing				SIR March 2019 Filing				SIR March 2020 Filing				SIR March 2021 Filing			
Residential	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%
Base Rates Change	$22.80	$1.90	$0.06	6.9	$26.74	$2.23	$0.07	7.6	$29.07	$2.42	$0.08	7.7	$31.94	$2.66	$0.09	7.9	$34.86	$2.91	$0.10	8.0
Including Gas Cost Change	$22.80	$1.90	$0.06	3.1	$26.74	$2.23	$0.07	3.5	$29.07	$2.42	$0.08	3.7	$31.94	$2.66	$0.09	3.9	$34.86	$2.91	$0.10	4.1
Commercial																				
Base Rates Change	$89.90	$7.49	$0.25	6.9	$105.46	$8.79	$0.29	7.6	$115.16	$9.60	$0.32	7.7	$125.95	$10.50	$0.35	7.8	$137.85	$11.49	$0.38	7.9
Including Gas Cost Change	$89.90	$7.49	$0.25	2.7	$105.46	$8.79	$0.29	3.0	$115.16	$9.60	$0.32	3.2	$125.95	$10.50	$0.35	3.4	$137.85	$11.49	$0.38	3.6
Industrial																				
Base Rates Change	$791.46	$65.95	$2.20	6.7	$938.50	$78.21	$2.61	7.5	$1,024.90	$85.41	$2.85	7.6	$1,120.84	$93.40	$3.11	7.7	$1,226.82	$102.23	$3.41	7.8
Including Gas Cost Change	$791.46	$65.95	$2.20	2.3	$938.50	$78.21	$2.61	2.6	$1,024.90	$85.41	$2.85	2.8	$1,120.84	$93.40	$3.11	3.0	$1,226.82	$102.23	$3.41	3.1

*Effective dates are Nov 1 - Oct 31

Cumulative Change in Rates	SIR March 2017 Filing				SIR March 2018 Filing				SIR March 2019 Filing				SIR March 2020 Filing				SIR March 2021 Filing			
Residential	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%	Annual	Month	Per Day	%
Base Rates Change	$22.80	$1.90	$0.06	6.9	$49.54	$4.13	$0.14	15.1	$78.60	$6.55	$0.22	22.4	$110.55	$9.21	$0.31	29.3	$145.41	$12.12	$0.40	35.8
Including Gas Cost Change	$22.80	$1.90	$0.06	3.1	$49.54	$4.13	$0.14	6.7	$78.60	$6.55	$0.22	10.2	$110.55	$9.21	$0.31	13.9	$145.41	$12.12	$0.40	17.7
Commercial																				
Base Rates Change	$89.90	$7.49	$0.25	6.9	$195.36	$16.28	$0.54	15.0	$310.52	$25.88	$0.86	22.3	$436.47	$36.37	$1.21	29.1	$574.32	$47.86	$1.60	35.6
Including Gas Cost Change	$89.90	$7.49	$0.25	2.7	$195.36	$16.28	$0.54	5.8	$310.52	$25.88	$0.86	8.9	$436.47	$36.37	$1.21	12.2	$574.32	$47.86	$1.60	15.5
Industrial																				
Base Rates Change	$791.46	$65.95	$2.20	6.7	$1,729.96	$144.16	$4.81	14.7	$2,754.86	$229.57	$7.65	21.9	$3,875.70	$322.98	$10.77	28.7	$5,102.52	$425.21	$14.17	35.1
Including Gas Cost Change	$791.46	$65.95	$2.20	2.3	$1,729.96	$144.16	$4.81	4.9	$2,754.86	$229.57	$7.65	7.7	$3,875.70	$322.98	$10.77	10.5	$5,102.52	$425.21	$14.17	13.5

Atmos Energy - Mississippi Division
2017 System Integrity Rider
Projection

Typical Rate 301 (Year-Round) Residential Customer			
Customer Charge	6.95	per meter	
Distribution Charge	1.3205	per mcf	
Usage Per Month	5	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0574	per mcf	
Current SIR Volumetric Rate	0.0999	per mcf	
Proposed SIR Volumetric Rate	0.2625	per mcf	
Current Rates	13.5525		
	1.89049		
	0.44	SGR	
	0.29	EECR	
	[illegible]	SIR Fixed	
	0.50	SIR Volumetric	
	$ 27.36	current monthly margin	
	$ 34.68	gas costs Sep 2017	
	$ 62.04		
Proposed Rates	13.5525		
	1.89049		
	0.44	SGR	
	0.29	EECR	
	[illegible]	SIR Fixed	
	1.32	SIR Volumetric	
	$ 29.26	proposed monthly margin	
	$ 34.68	gas costs Sep 2017	
	$ 63.94		
Change	$ 1.90	change in monthly margin	
divided by	30	Days	
	$ 0.06	per day increase	

	Current/Sep 2017 PGA	Proposed/Sep 2017 PGA		% change
Typical Month	5 Mcf	5 Mcf		
	27.36 non-gas	29.26 non-gas		
	34.68 gas	34.68 gas		
	62.04 total	63.94 total	1.90	3.1%

Typical Residential Customer Bill Using 60 Mcf Per Year (5 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	Increase	$ [illegible]	[illegible]	$ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change Including Gas Costs*	Increase	$ 744.47	$62.04	$ 767.27	$63.94	$22.80	$1.90	$0.06	3.1

Notes:
1. Typical residential customer's base rates will increase $1.90 per month or 6.9%.
2. Typical residential customer's total monthly bill will increase 3.1%.
*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2017 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Commercial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	25	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.1274	per mcf	
Proposed SIR Volumetric Rate	0.3567	per mcf	

Current Rates		54.34	
		1.89049	
		0.71	SGR
		1.09	EECR
		[illegible]	SIR Fixed
		3.19	SIR Volumetric
	$	108.56	current monthly margin
	$	173.40	gas costs Sep 2017
	$	281.96	
Proposed Rates		54.34	
		1.89049	
		0.71	SGR
		1.09	EECR
		[illegible]	SIR Fixed
		8.92	SIR Volumetric
	$	116.05	proposed monthly margin
	$	173.40	gas costs Sep 2017
	$	289.45	
Change	$	7.49	change in monthly margin
divided by		30	Days
	$	0.25	per day increase

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	25	Mcf	25	Mcf		
	108.56	non-gas	116.05	non-gas		
	173.40	gas	173.40	gas		
	281.96	total	289.45	total	7.49	2.7%

Typical Commercial Customer Bill Using 300 Mcf Per Year (25 Mcf per Month)

			Current Rates		Proposed Rates			Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	[illegible]	$	[illegible]	$108.56	$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates			Proposed Rates		Change			
		Annual	Month		Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 3,383.50	$281.96	$	3,473.40	$289.45	$89.90	$7.49	$0.25	2.7

Notes:
1. Typical commercial customer's base rates will increase $7.49 per month or 6.9%.
2. Typical commercial customer's total monthly bill will increase 2.7%.
*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2017 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Industrial Customer		
Customer Charge	11.27	per meter
Distribution Charge	1.7229	per mcf
Usage Per Month	280	mcf
PGA	6.936	per mcf Sep 17
Stable Rate Factor	1.89049	
EECR Rate	0.0437	per mcf
Current SIR Volumetric Rate	0.1274	per mcf
Proposed SIR Volumetric Rate	0.3567	per mcf

Current Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	35.67	SIR Volumetric
	$ 982.76	current monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 2,924.84	
Proposed Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	99.87	SIR Volumetric
	$ 1,048.71	proposed monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 2,990.79	
Change	$ 65.95	change in monthly margin
divided by	30	Days
	$ 2.20	per day increase

	Current/Sep 2017 PGA	Proposed/Sep 2017 PGA		% change
Typical Month	280 Mcf	280 Mcf		
	982.76 non-gas	1048.71 non-gas		
	1942.08 gas	1942.08 gas		
	2924.84 total	2990.79 total	65.95	2.3%

Typical Industrial Customer Bill Using 3,360 Mcf Per Year (280 Mcf per Month)

			Current Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	[illegible]	$	[illegible]	[illegible]	$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

			Previous Year Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$	35,098.06	$2,924.84	$	35,889.52	$2,990.79	$791.46	$65.95	$2.20	2.3

Notes:
1. Typical industrial customer's base rates will increase $65.95 per month or 6.7%.
2. Typical industrial customer's total monthly bill will increase 2.3%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2018 System Integrity Rider
Projection

Typical Rate 301 (Year-Round) Residential Customer			
Customer Charge	6.95	per meter	
Distribution Charge	1.3205	per mcf	
Usage Per Month	5	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0574	per mcf	
Current SIR Volumetric Rate	0.2625	per mcf	
Proposed SIR Volumetric Rate	0.4628	per mcf	

Current Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	[illegible]	SIR Fixed
	1.31	SIR Volumetric
	$ 29.25	current monthly margin
	$ 34.68	gas costs Sep 2017
	$ 63.93	
Proposed Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	[illegible]	SIR Fixed
	2.32	SIR Volumetric
	$ 31.48	proposed monthly margin
	$ 34.68	gas costs Sep 2017
	$ 66.16	
Change	$ 2.23	change in monthly margin
divided by	30	Days
	$ 0.07	**per day increase**

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	5	Mcf	5	Mcf		
	29.25	non-gas	31.48	non-gas		
	34.68	gas	34.68	gas		
	63.93	total	66.16	total	2.23	3.5%

Typical Residential Customer Bill Using 60 Mcf Per Year (5 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	Increase	$ [illegible]	[illegible]	$ [illegible]	$31.48	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 767.18	$63.93	$ 793.92	$66.16	$26.74	$2.23	$0.07	3.5

Notes:
1. Typical residential customer's base rates will increase $2.23 per month or 7.6%.
2. Typical residential customer's total monthly bill will increase 3.5%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2018 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Commercial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	25	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.3567	per mcf	
Proposed SIR Volumetric Rate	0.6289	per mcf	

Current Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	8.92	SIR Volumetric
	$ 116.05	current monthly margin
	$ 173.40	gas costs Sep 2017
	$ 289.45	
Proposed Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	15.72	SIR Volumetric
	$ 124.84	proposed monthly margin
	$ 173.40	gas costs Sep 2017
	$ 298.24	
Change	$ 8.79	change in monthly margin
divided by	30	Days
	$ 0.29	**per day increase**

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	25	Mcf	25	Mcf		
	116.05	non-gas	124.84	non-gas		
	173.40	gas	173.40	gas		
	289.45	total	298.24	total	8.79	3.0%

Typical Commercial Customer Bill Using 300 Mcf Per Year (25 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change of Base Rates Only	Increase	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 3,473.40	$289.45	$ 3,578.86	$298.24	$105.46	$8.79	$0.29	3.0

Notes:
1. Typical commercial customer's base rates will increase $8.79 per month or 7.6%.
2. Typical commercial customer's total monthly bill will increase 3.0%.
*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2018 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Industrial Customer			
Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	280	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.3567	per mcf	
Proposed SIR Volumetric Rate	0.6289	per mcf	

Current Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	99.87	SIR Volumetric
	$ 1,048.71	current monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 2,990.79	
Proposed Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	176.09	SIR Volumetric
	$ 1,126.92	proposed monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 3,069.00	
Change	$ 78.21	change in monthly margin
divided by	30	Days
	$ 2.61	**per day increase**

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	280	Mcf	280	Mcf		
	1048.71	non-gas	1126.92	non-gas		
	1942.08	gas	1942.08	gas		
	2990.79	total	3069.00	total	78.21	2.6%

Typical Industrial Customer Bill Using 3,360 Mcf Per Year (280 Mcf per Month)

			Current Rates			Proposed Rates		Change			
			[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%
Change in Base Rates [illegible]	[illegible]	$	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

			Previous Year Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$	35,889.52	$2,990.79	$	36,828.02	$3,069.00	$938.50	$78.21	$2.61	2.6

Notes:
1. Typical industrial customer's base rates will increase $78.21 per month or 7.5%.
2. Typical industrial customer's total monthly bill will increase 2.6%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2019 System Integrity Rider
Projection

Typical Rate 301 (Year-Round) Residential Customer			
Customer Charge	6.95	per meter	
Distribution Charge	1.3205	per mcf	
Usage Per Month	5	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0574	per mcf	
Current SIR Volumetric Rate	0.4628	per mcf	
Proposed SIR Volumetric Rate	0.6816	per mcf	

Current Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	2.31	SIR Fixed
	2.31	SIR Volumetric
	$ 31.47	current monthly margin
	$ 34.68	gas costs Sep 2017
	$ 66.15	
Proposed Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	[illegible]	SIR Fixed
	3.41	SIR Volumetric
	$ 33.89	proposed monthly margin
	$ 34.68	gas costs Sep 2017
	$ 68.57	
Change	$ 2.42	change in monthly margin
divided by	30	Days
	$ 0.08	**per day increase**

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	5	Mcf	5	Mcf		
	31.47	non-gas	33.89	non-gas		
	34.68	gas	34.68	gas		
	66.15	total	68.57	total	2.42	3.7%

Typical Residential Customer Bill Using 60 Mcf Per Year (5 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	Increase	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 793.77	$66.15	$ 822.84	$68.57	$29.07	$2.42	$0.08	3.7

Notes:
1. Typical residential customer's base rates will increase $2.42 per month or 7.7%.
2. Typical residential customer's total monthly bill will increase 3.7%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2019 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Commercial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	25	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.6289	per mcf	
Proposed SIR Volumetric Rate	0.9262	per mcf	

Current Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	15.72	SIR Volumetric
	$ 124.84	current monthly margin
	$ 173.40	gas costs Sep 2017
	$ 298.24	
Proposed Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	23.16	SIR Volumetric
	$ 134.44	proposed monthly margin
	$ 173.40	gas costs Sep 2017
	$ 307.84	
Change	$ 9.60	change in monthly margin
divided by	30	Days
	$ 0.32	per day increase

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	25	Mcf	25	Mcf		
	124.84	non-gas	134.44	non-gas		
	173.40	gas	173.40	gas		
	298.24	total	307.84	total	9.60	3.2%

Typical Commercial Customer Bill Using 300 Mcf Per Year (25 Mcf per Month)

			[illegible]			[illegible]		[illegible]		
Change in Base Rates Only	Increase	$	[illegible]	[illegible]	$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 3,578.86	$298.24	$ 3,694.02	$307.84	$115.16	$9.60	$0.32	3.2

Notes:
1. Typical commercial customer's base rates will increase $9.60 per month or 7.7%.
2. Typical commercial customer's total monthly bill will increase 3.2%.
*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2019 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Industrial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	280	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.6289	per mcf	
Proposed SIR Volumetric Rate	0.9262	per mcf	

Current Rates		493.68	
		1.89049	
		0.71	SGR
		12.24	EECR
		[redacted]	SIR Fixed
		176.09	SIR Volumetric
	$	1,126.92	current monthly margin
	$	1,942.08	gas costs Sep 2017
	$	3,069.00	
Proposed Rates		493.68	
		1.89049	
		0.71	SGR
		12.24	EECR
		[redacted]	SIR Fixed
		259.34	SIR Volumetric
	$	1,212.33	proposed monthly margin
	$	1,942.08	gas costs Sep 2017
	$	3,154.41	
Change	$	85.41	change in monthly margin
divided by		30	Days
	$	2.85	per day increase

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	280	Mcf	280	Mcf		
	1126.92	non-gas	1212.33	non-gas		
	1942.08	gas	1942.08	gas		
	3069.00	total	3154.41	total	85.41	2.8%

Typical Industrial Customer Bill Using 3,360 Mcf Per Year (280 Mcf per Month)											
		Current Rates			Proposed Rates			Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	[illegible]	$	[illegible]	[illegible]	$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

			Previous Year Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$	36,828.02	$3,069.00	$	37,852.92	$3,154.41	$1,024.90	$85.41	$2.85	2.8

Notes:
1. Typical industrial customer's base rates will increase $85.41 per month or 7.6%.
2. Typical industrial customer's total monthly bill will increase 2.8%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 301 (Year-Round) Residential Customer		
Customer Charge	6.95	per meter
Distribution Charge	1.3205	per mcf
Usage Per Month	5	mcf
PGA	6.936	per mcf Sep 17
Stable Rate Factor	1.89049	
EECR Rate	0.0574	per mcf
Current SIR Volumetric Rate	0.6816	per mcf
Proposed SIR Volumetric Rate	0.9209	per mcf

Current Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	[illegible]	SIR Fixed
	3.41	SIR Volumetric
	$ 33.89	current monthly margin
	$ 34.68	gas costs Sep 2017
	$ 68.57	
Proposed Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	[illegible]	SIR Fixed
	4.61	SIR Volumetric
	$ 36.55	proposed monthly margin
	$ 34.68	gas costs Sep 2017
	$ 71.23	
Change	$ 2.66	change in monthly margin
divided by	30	Days
	$ 0.09	**per day increase**

	Current/Sep 2017 PGA	Proposed/Sep 2017 PGA		% change
Typical Month	5 Mcf	5 Mcf		
	33.89 non-gas	36.55 non-gas		
	34.68 gas	34.68 gas		
	68.57 total	71.23 total	2.66	3.9%

Typical Residential Customer Bill Using 60 Mcf Per Year (5 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	Increase	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 822.82	$68.57	$ 854.76	$71.23	$31.94	$2.66	$0.09	3.9

Notes:
1. Typical residential customer's base rates will increase $2.66 per month or 7.9%.
2. Typical residential customer's total monthly bill will increase 3.9%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Commercial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	25	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.9262	per mcf	
Proposed SIR Volumetric Rate	1.2513	per mcf	

Current Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	23.16	SIR Volumetric
	$ 134.44	current monthly margin
	$ 173.40	gas costs Sep 2017
	$ 307.84	
Proposed Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	31.28	SIR Volumetric
	$ 144.93	proposed monthly margin
	$ 173.40	gas costs Sep 2017
	$ 318.33	
Change	$ 10.50	change in monthly margin
divided by	30	Days
	$ 0.35	per day increase

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	25	Mcf	25	Mcf		
	134.44	non-gas	144.93	non-gas		
	173.40	gas	173.40	gas		
	307.84	total	318.33	total	10.50	3.4%

Typical Commercial Customer Bill Using 300 Mcf Per Year (25 Mcf per Month)

			Current Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change in Base Rates Only	Increase	$	[illegible]	[illegible]	$	[illegible]	[illegible]	$125.95	[illegible]	[illegible]	[illegible]

			Previous Year Rates			Proposed Rates		Change			
			Annual	Month		Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$	3,694.02	$307.84	$	3,819.97	$318.33	$125.95	$10.50	$0.35	3.4

Notes:
1. Typical commercial customer's base rates will increase $10.50 per month or 7.8%.
2. Typical commercial customer's total monthly bill will increase 3.4%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Industrial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	280	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	0.9262	per mcf	
Proposed SIR Volumetric Rate	1.2513	per mcf	

Current Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	8.74	SIR Fixed
	259.34	SIR Volumetric
	$ 1,212.33	current monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 3,154.41	
Proposed Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	9.11	SIR Fixed
	350.37	SIR Volumetric
	$ 1,305.73	proposed monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 3,247.81	
Change	$ 93.40	change in monthly margin
divided by	30	Days
	$ 3.11	**per day increase**

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	280	Mcf	280	Mcf		
	1212.33	non-gas	1305.73	non-gas		
	1942.08	gas	1942.08	gas		
	3154.41	total	3247.81	total	93.40	3.0%

Typical Industrial Customer Bill Using 3,360 Mcf Per Year (280 Mcf per Month)

		Current Rate		Proposed Rates		Change		
Change in Base Rates 2017	[illegible]	$ [illegible]	[illegible]	$ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 37,852.92	$3,154.41	$ 38,973.76	$3,247.81	$1,120.84	$93.40	$3.11	3.0

Notes:
1. Typical industrial customer's base rates will increase $93.40 per month or 7.7%.
2. Typical industrial customer's total monthly bill will increase 3.0%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 301 (Year-Round) Residential Customer

Customer Charge	6.95	per meter	
Distribution Charge	1.3205	per mcf	
Usage Per Month	5	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0574	per mcf	
Current SIR Volumetric Rate	0.9209	per mcf	
Proposed SIR Volumetric Rate	1.1828	per mcf	

Current Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	5.53	SIR Fixed
	4.60	SIR Volumetric
	$ 36.53	current monthly margin
	$ 34.68	gas costs Sep 2017
	$ 71.21	
Proposed Rates	13.5525	
	1.89049	
	0.44	SGR
	0.29	EECR
	7.17	SIR Fixed
	5.92	SIR Volumetric
	$ 39.44	proposed monthly margin
	$ 34.68	gas costs Sep 2017
	$ 74.12	
Change	$ 2.91	change in monthly margin
divided by	30	Days
	$ 0.10	per day increase

	Current/Sep 2017 PGA	Proposed/Sep 2017 PGA		% change
Typical Month	5 Mcf	5 Mcf		
	36.53 non-gas	39.44 non-gas		
	34.68 gas	34.68 gas		
	71.21 total	74.12 total	2.91	4.1%

Typical Residential Customer Bill Using 60 Mcf Per Year (5 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change in Base Rates [illegible]	Increase	$ [illegible]	[illegible]	$ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 854.58	$71.21	$ 889.44	$74.12	$34.86	$2.91	$0.10	4.1

Notes:
1. Typical residential customer's base rates will increase $2.91 per month or 8.0%.
2. Typical residential customer's total monthly bill will increase 4.1%.
*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Commercial Customer

Customer Charge	11.27	per meter
Distribution Charge	1.7229	per mcf
Usage Per Month	25	mcf
PGA	6.936	per mcf Sep 17
Stable Rate Factor	1.89049	
EECR Rate	0.0437	per mcf
Current SIR Volumetric Rate	1.2513	per mcf
Proposed SIR Volumetric Rate	1.6072	per mcf

Current Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	31.28	SIR Volumetric
	$ 144.93	current monthly margin
	$ 173.40	gas costs Sep 2017
	$ 318.33	
Proposed Rates	54.34	
	1.89049	
	0.71	SGR
	1.09	EECR
	[illegible]	SIR Fixed
	40.18	SIR Volumetric
	$ 156.42	proposed monthly margin
	$ 173.40	gas costs Sep 2017
	$ 329.82	
Change	$ 11.49	change in monthly margin
divided by	30	Days
	$ 0.38	**per day increase**

	Current/Sep 2017 PGA	Proposed/Sep 2017 PGA		% change
Typical Month	25 Mcf	25 Mcf		
	144.93 non-gas	156.42 non-gas		
	173.40 gas	173.40 gas		
	318.33 total	329.82 total	11.49	3.6%

Typical Commercial Customer Bill Using 300 Mcf Per Year (25 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		Annual	[illegible]	Annual	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Change in Base Rates Only	[illegible]	$ [illegible]	[illegible]	$ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 3,819.97	$318.33	$ 3,957.82	$329.82	$137.85	$11.49	$0.38	3.6

Notes:
1. Typical commercial customer's base rates will increase $11.49 per month or 7.9%.
2. Typical commercial customer's total monthly bill will increase 3.6%.

*Most current PGA (Sep 2017) 6.936

Atmos Energy - Mississippi Division
2020 System Integrity Rider
Projection

Typical Rate 305 (Year-Round) Industrial Customer

Customer Charge	11.27	per meter	
Distribution Charge	1.7229	per mcf	
Usage Per Month	280	mcf	
PGA	6.936	per mcf	Sep 17
Stable Rate Factor	1.89049		
EECR Rate	0.0437	per mcf	
Current SIR Volumetric Rate	1.2513	per mcf	
Proposed SIR Volumetric Rate	1.6072	per mcf	

Current Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	350.37	SIR Volumetric
	$ 1,305.73	current monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 3,247.81	
Proposed Rates	493.68	
	1.89049	
	0.71	SGR
	12.24	EECR
	[illegible]	SIR Fixed
	450.02	SIR Volumetric
	$ 1,407.97	proposed monthly margin
	$ 1,942.08	gas costs Sep 2017
	$ 3,350.05	
Change	$ 102.23	change in monthly margin
divided by	30	Days
	$ 3.41	per day increase

	Current/Sep 2017 PGA		Proposed/Sep 2017 PGA			% change
Typical Month	280	Mcf	280	Mcf		
	1305.73	non-gas	1407.97	non-gas		
	1942.08	gas	1942.08	gas		
	3247.81	total	3350.05	total	102.23	3.1%

Typical Industrial Customer Bill Using 3,360 Mcf Per Year (280 Mcf per Month)

		Current Rates		Proposed Rates		Change			
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Change in Base Rates Only	[illegible]	$ [illegible]	[illegible]	$ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

		Previous Year Rates		Proposed Rates		Change			
		Annual	Month	Annual	Month	Annual	Month	Day	%
Change including Gas Costs*	Increase	$ 38,973.76	$3,247.81	$ 40,200.58	$3,350.05	$1,226.82	$102.23	$3.41	3.1

Notes:
1. Typical industrial customer's base rates will increase $102.23 per month or 7.8%.
2. Typical industrial customer's total monthly bill will increase 3.1%.

*Most current PGA (Sep 2017) 6.936

System Integrity Rider Rates Effective 12 Months
Beginning November 1, 2017

Rate Code		Monthly Charge Per Customer Bill
301	Year Round Residential	$1.59
301	Year Round Residential - Multi-Unit	
304	Multi-Unit Housing	$4.44
304	Public Authority Multi-Unit Housing	
305	Year Round General Gas - Commercial	$2.60
305	Year Round General Gas - Industrial	
305	Year Round General Gas - Public Authority	
306	Small Business Incentive Rider	$1.92
307	Intermediate Volume	$45.35
308	Large Volume	$57.17
309	Interruptible Gas - Industrial	$11.40
309	Interruptible Gas - Commercial	
309	Public Authority Interruptible Year Round	
309	Interruptible billed in TBS	
310,311	Municipal Power Generating & Boiler	$64.85
331	Heating Season Only - Residential	$3.06
331	Heating Season Only Gas Hearth - Residential	
331	Heating Season Only - Residential Multi-Unit	
335	Heating Season Only - Commercial	$6.64
335	Heating Season Only - Industrial	
335	Heating Season Only - Public Authority	

Rate Code		Monthly Rate Per Ccf
301	Year Round Residential	$0.02625
301	Year Round Residential - Multi-Unit	
304	Multi-Unit Housing	$0.03791
304	Public Authority Multi-Unit Housing	
305	Year Round General Gas - Commercial	$0.03567
305	Year Round General Gas - Industrial	
305	Year Round General Gas - Public Authority	
306	Small Business Incentive Rider	$0.02808
307	Intermediate Volume	n/a
308	Large Volume	n/a
309	Interruptible Gas - Industrial	$0.04130
309	Interruptible Gas - Commercial	
309	Public Authority Interruptible Year Round	
309	Interruptible billed in TBS	n/a
310,311	Municipal Power Generating & Boiler	n/a
331	Heating Season Only - Residential	$0.02886
331	Heating Season Only Gas Hearth - Residential	
331	Heating Season Only - Residential Multi-Unit	
335	Heating Season Only - Commercial	$0.02685
335	Heating Season Only - Industrial	
335	Heating Season Only - Public Authority	

SYSTEM INTEGRITY RIDER

System Integrity Rider Rates Effective 12 Months
Beginning November 1, 2017

Rate Code		Monthly Charge Per Customer Bill
301	Year Round Residential Year Round Residential - Multi-Unit	$1.59
304	Multi-Unit Housing Public Authority Multi-Unit Housing	$4.44
305	Year Round General Gas - Commercial Year Round General Gas - Industrial Year Round General Gas - Public Authority	$2.60
306	Small Business Incentive Rider	$1.92
307	Intermediate Volume	$45.35
308	Large Volume	$57.17
309	Interruptible Gas - Industrial Interruptible Gas - Commercial Public Authority Interruptible Year Round Interruptible billed in TBS	$11.40
310,311	Municipal Power Generating & Boiler	$64.85
331	Heating Season Only - Residential Heating Season Only Gas Hearth - Residential Heating Season Only - Residential Multi-Unit	$3.06
335	Heating Season Only - Commercial Heating Season Only - Industrial Heating Season Only - Public Authority	$6.64

Rate Code		Monthly Rate Per Ccf
301	Year Round Residential Year Round Residential - Multi-Unit	$0.02625
304	Multi-Unit Housing Public Authority Multi-Unit Housing	$0.03791
305	Year Round General Gas - Commercial Year Round General Gas - Industrial Year Round General Gas - Public Authority	$0.03567
306	Small Business Incentive Rider	$0.02808
307	Intermediate Volume	n/a
308	Large Volume	n/a
309	Interruptible Gas - Industrial Interruptible Gas - Commercial Public Authority Interruptible Year Round	$0.04130
309	Interruptible billed in TBS	n/a
310,311	Municipal Power Generating & Boiler	n/a
331	Heating Season Only - Residential Heating Season Only Gas Hearth - Residential Heating Season Only - Residential Multi-Unit	$0.02886
335	Heating Season Only - Commercial Heating Season Only - Industrial Heating Season Only - Public Authority	$0.02685

SYSTEM INTEGRITY RIDER

ATMOS ENERGY **DOCKET NO. 2015-UN-049**

SIR Typical Monthly Bill

SIR Cost Per Month

		Projected			
Rate Code	**Nov-17**	**Nov-18**	**Nov-19**	**Nov-20**	**Nov-21**
301	$ 2.86	$ 5.04	$ 7.42	$ 10.03	$ 12.88
304	$ 56.82	$ 100.19	$ 147.55	$ 199.34	$ 256.03
305	$ 11.51	$ 20.30	$ 29.90	$ 40.39	$ 51.88
306	$ 19.34	$ 34.10	$ 50.23	$ 67.86	$ 87.16
307	$ 45.35	$ 79.96	$ 117.75	$ 159.09	$ 204.33
308	$ 57.17	$ 100.81	$ 148.47	$ 200.58	$ 257.63
309	$ 59.62	$ 105.13	$ 154.82	$ 209.17	$ 268.66
310/311	$ 64.85	$ 114.35	$ 168.41	$ 227.53	$ 292.23
331	$ 5.35	$ 9.43	$ 13.88	$ 18.76	$ 24.09
335	$ 11.52	$ 20.31	$ 29.91	$ 40.41	$ 51.90

SIR Cost Per Year

		Projected			
Rate Code	**Nov-17**	**Nov-18**	**Nov-19**	**Nov-20**	**Nov-21**
301	$ 34.30	$ 60.48	$ 89.07	$ 120.34	$ 154.56
304	$ 681.82	$ 1,202.23	$ 1,770.56	$ 2,392.08	$ 3,072.37
305	$ 138.16	$ 243.62	$ 358.78	$ 484.73	$ 622.58
306	$ 232.10	$ 409.25	$ 602.71	$ 814.29	$ 1,045.86
307	$ 544.14	$ 959.47	$ 1,413.04	$ 1,909.06	$ 2,451.99
308	$ 686.06	$ 1,209.72	$ 1,781.58	$ 2,406.98	$ 3,091.50
309	$ 715.44	$ 1,261.51	$ 1,857.86	$ 2,510.03	$ 3,223.86
310/311	$ 778.23	$ 1,372.23	$ 2,020.92	$ 2,730.33	$ 3,506.82
331	$ 64.15	$ 113.12	$ 166.60	$ 225.08	$ 289.09
335	$ 138.21	$ 243.71	$ 358.92	$ 484.91	$ 622.81

SYSTEM INTEGRITY RIDER

System Integrity Rider
5 Year Rate Impact

DOCKET NO. 2015-UN-049

Annual Change in Rates	**SIR March 2017 Filing**				**SIR March 2018 Filing**				**SIR March 2019 Filing**				**SIR March 2020 Filing**				**SIR March 2021 Filing**			
Residential	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**
Base Rates Change	$22.80	$1.90	$0.06	6.9	$26.74	$2.23	$0.07	7.6	$29.07	$2.42	$0.08	7.7	$31.94	$2.66	$0.09	7.9	$34.86	$2.91	$0.10	8.0
Including Gas Cost Change	$22.80	$1.90	$0.06	3.1	$26.74	$2.23	$0.07	3.5	$29.07	$2.42	$0.08	3.7	$31.94	$2.66	$0.09	3.9	$34.86	$2.91	$0.10	4.1
Commercial																				
Base Rates Change	$89.90	$7.49	$0.25	6.9	$105.46	$8.79	$0.29	7.6	$115.16	$9.60	$0.32	7.7	$125.95	$10.50	$0.35	7.8	$137.85	$11.49	$0.38	7.9
Including Gas Cost Change	$89.90	$7.49	$0.25	2.7	$105.46	$8.79	$0.29	3.0	$115.16	$9.60	$0.32	3.2	$125.95	$10.50	$0.35	3.4	$137.85	$11.49	$0.38	3.6
Industrial																				
Base Rates Change	$791.46	$65.95	$2.20	6.7	$938.50	$78.21	$2.61	7.5	$1,024.90	$85.41	$2.85	7.6	$1,120.84	$93.40	$3.11	7.7	$1,226.82	$102.23	$3.41	7.8
Including Gas Cost Change	$791.46	$65.95	$2.20	2.3	$938.50	$78.21	$2.61	2.6	$1,024.90	$85.41	$2.85	2.8	$1,120.84	$93.40	$3.11	3.0	$1,226.82	$102.23	$3.41	3.1

*Effective dates are Nov 1 - Oct 31

Cumulative Change in Rates	**SIR March 2017 Filing**				**SIR March 2018 Filing**				**SIR March 2019 Filing**				**SIR March 2020 Filing**				**SIR March 2021 Filing**			
Residential	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**	**Annual**	**Month**	**Per Day**	**%**
Base Rates Change	$22.80	$1.90	$0.06	6.9	$49.54	$4.13	$0.14	15.1	$78.60	$6.55	$0.22	22.4	$110.55	$9.21	$0.31	29.3	$145.41	$12.12	$0.40	35.8
Including Gas Cost Change	$22.80	$1.90	$0.06	3.1	$49.54	$4.13	$0.14	6.7	$78.60	$6.55	$0.22	10.2	$110.55	$9.21	$0.31	13.9	$145.41	$12.12	$0.40	17.7
Commercial																				
Base Rates Change	$89.90	$7.49	$0.25	6.9	$195.36	$16.28	$0.54	15.0	$310.52	$25.88	$0.86	22.3	$436.47	$36.37	$1.21	29.1	$574.32	$47.86	$1.60	35.6
Including Gas Cost Change	$89.90	$7.49	$0.25	2.7	$195.36	$16.28	$0.54	5.8	$310.52	$25.88	$0.86	8.9	$436.47	$36.37	$1.21	12.2	$574.32	$47.86	$1.60	15.5
Industrial																				
Base Rates Change	$791.46	$65.95	$2.20	6.7	$1,729.96	$144.16	$4.81	14.7	$2,754.86	$229.57	$7.65	21.9	$3,875.70	$322.98	$10.77	28.7	$5,102.52	$425.21	$14.17	35.1
Including Gas Cost Change	$791.46	$65.95	$2.20	2.3	$1,729.96	$144.16	$4.81	4.9	$2,754.86	$229.57	$7.65	7.7	$3,875.70	$322.98	$10.77	10.5	$5,102.52	$425.21	$14.17	13.5

Issued by: William J. Senter
Vice President, Rates & Regulatory Affairs/Mississippi Division