

Southwest Gas Corporation

2016 General Rate Case Application

Volume III

Schedules

Docket No. G-01551A-16-0107

May 2, 2016



**SOUTHWEST GAS CORPORATION
ARIZONA
TABLE OF CONTENTS
SUPPORTING SCHEDULES**

Line No.	Description (a)	Schedule (b)	Sheet Number (c)	Witness (d)	Line No.
<u>SUMMARY SCHEDULES</u>					
1	Increase in Gross Revenue Requirement	A-1	1	Cunningham	1
2	Summary of the Overall Results of Operations		2	Cunningham	2
3	Spread of Revenue Increase by Customer Class		3	Tary	3
	Summary Results of Operations	A-2			
4	Arizona		1	Cunningham	4
5	Total System		2	Cunningham	5
6	Summary of Capital Structure - Total System	A-3	1	Wood	6
7	Construction Expenditures, Plant Placed in Service and Gross Utility Plant	A-4	1	Cunningham	7
8	Summary Statement of Cash Flows	A-5	1	Cunningham	8
<u>RATE BASE</u>					
9	Adjusted Original Cost and RCND Rate Base	B-1	1	Cunningham	9
10	Recorded Rate Base, As Adjusted		2	Cunningham	10
11	Summary Cost of Gas Plant	B-2	1	Cunningham	11
12	Adjustment No. 18 Post-Test Year Plant	Adj. No. 18	1-2	Cunningham	12
13	Adjustment No. 19 Customer Owned Yard Lines (Coyl)	Adj. No. 19	1	Cunningham	13
14	Summary Cost of RCND Cost of Gas Plant in Service	B-3	1	Cunningham	14
15	Reconstructed Cost of Gas Plant	B-4	1-41	Cunningham	15
16	Summary of Working Capital Allowance	B-5	1	Cunningham	16
17	Cash Working Capital		2	Cunningham	17
18	Materials and Supplies		3	Cunningham	18
19	Prepayments		4	Cunningham	19
	Other Rate Base Items	B-6			
20	Customer Deposits		1	Cunningham	20
21	Customer Advances for Construction		2	Cunningham	21
22	Deferred Taxes		3	Cunningham/ Williams	22
23	Adjustment No. 20 Deferred Taxes	Adj. No. 20	1	Cunningham/ Williams	23
<u>TEST YEAR INCOME STATEMENTS</u>					
24	Adjusted Test Year Income Statement	C-1	1	Cunningham	24
25	Sales Volumes and Revenues		2	Tary	25
26	Operation and Maintenance Expenses Summary		3-4	Cunningham	26
27	Operation and Maintenance Expenses		5-8	Cunningham	27
28	Administrative and General Expenses		9-13	Cunningham	28
29	Depreciation and Amortization Expenses		14	Cunningham	29
	Summary of Other Taxes		15	Cunningham/ Williams	30
30	Income Taxes on Operations		16	Cunningham/ Williams	31
31	Computation of 4-Factor Allocation Rate		17	Cunningham	32
32	Computation of Modified Massachusetts Formula		18	Cunningham	33
33	Summary of Operating Income Adjustments	C-2	1-2	Cunningham	34
34	Adjustment No. 1 Revenues and Volumes	Adj. No. 1	1	Tary	35
35	Adjustment No. 2 Purchased Gas Cost	Adj. No. 2	1-2	Tary	36
36	Adjustment No. 3 Labor And Labor Loading Annualization	Adj. No. 3	1	Cunningham	37
37	Adjustment No. 4 Call Center And Customer Support Allocation And Annualization	Adj. No. 4	1	Cunningham	38
38	Adjustment No. 5 Cost Of Service Analysis	Adj. No. 5	1-2	Cunningham	39
39	Adjustment No. 6 Employee Vehicle Compensation	Adj. No. 6	1	Cunningham	40
40	Adjustment No. 7 Uncollectibles Expense Annualization	Adj. No. 7	1	Cunningham	41
41	Adjustment No. 8 Leak Survey And Repair Expenses	Adj. No. 8	1	Cunningham	42
42	Adjustment No. 9 Self-Insured Retention Normalization	Adj. No. 9	1-2	Cunningham	43
43	Adjustment No. 10 American Gas Association Dues	Adj. No. 10	1	Cunningham	44
44	Adjustment No. 11 Paiute Allocation Annualization	Adj. No. 11	1	Cunningham	45
45	Adjustment No. 12 Incremental Rate Case Expense	Adj. No. 12	1	Cunningham	46
46	Adjustment No. 13 Depreciation And Annualization Expense Annualization	Adj. No. 13	1-2	Cunningham	47
47	Adjustment No. 14 Depreciation And Annualization Expense At New Rates	Adj. No. 14	1-2	Cunningham	48
48	Adjustment No. 15 Property Tax Annualization	Adj. No. 15	1	Cunningham/ Williams	49
49	Adjustment No. 16 Interest On Customer Deposits Synchronization	Adj. No. 16	1	Cunningham	50
50	Adjustment No. 17 Surcharge Adjustment	Adj. No. 17	1	Cunningham	51
51	Computation of Gross Revenue Conversion Factor	C-3	1	Cunningham	52
52	Computation of State and Federal Tax Rates		2	Cunningham	53

**SOUTHWEST GAS CORPORATION
ARIZONA
TABLE OF CONTENTS
SUPPORTING SCHEDULES**

Line No.	Description (a)	Schedule (b)	Sheet Number (c)	Witness (d)	Line No.
<u>COST OF CAPITAL</u>					
1	Cost of Capital	D-1	1	Wood	1
2	Net Capital		2	Wood	2
3	Cost of Debt	D-2	1-4	Wood	3
4	Cost of Preferred Securities	D-3	1-2	Wood	4
5	Cost of Common Equity	D-4	1	Hevert	5
<u>FINANCIAL STATEMENTS AND STATISTICAL SCHEDULES</u>					
6	Comparative Balance Sheets - Total System	E-1	1-2	Cunningham	6
	Comparative Income Statements	E-2			
7	Arizona		1	Cunningham	7
8	Total System		2	Cunningham	8
9	Comparative Statements of Cash Flows	E-3	1	Cunningham	9
10	Statement of Changes in Stockholders' Equity and Preferred Securities	E-4	1	Cunningham	10
	Detail of Utility Plant - Net Additions	E-5			
11	Arizona		1	Cunningham	11
12	System Allocable		2	Cunningham	12
13	Comparative Departmental Operating Income Statements - Arizona	E-6	1	Cunningham	13
14	Operating Statistics - Arizona	E-7	1-3	Tary	14
15	Taxes Charged to Operations	E-8	1	Cunningham	15
16	Notes to Financial Statements	E-9	1	Cunningham	16
<u>PROJECTIONS AND FORECASTS</u>					
17	Projected Income Statements - Present and Proposed Rates	F-1	1	Cunningham	17
18	Projected Changes in Financial Position	F-2	1	Cunningham	18
19	Construction Expenditures by Property Classification	F-3	1	Cunningham	19
20	Assumptions Used in Developing Projections	F-4	1	Cunningham	20
<u>COST OF SERVICE ANALYSIS</u>					
21	Cost of Service Study - Present Rates	G-1	1-2	Tary	21
22	Cost of Service Study - Proposed Rates	G-2	1-2	Tary	22
23	Rate Base Allocation to Classes of Service	G-3	1-14	Tary	23
24	Expense Allocation to Classes of Service	G-4	1-42	Tary	24
25	Distribution of Rate Base by Function	G-5	1	Tary	25
26	Distribution of Expenses by Function	G-6	1-8	Tary	26
27	Development of Allocation Factors	G-7	1-14	Tary	27
<u>EFFECT OF PROPOSED TARIFF SCHEDULES</u>					
28	Summary of Revenues at Present and Proposed Rates	H-1	1-2	Berger	28
	Summary of Present and Proposed Revenues				
29	By Rate Component	H-2	1-10	Berger	29
30	Summary of Present and Proposed Rates	H-3	1-3	Berger	30
31	Typical Bill Comparison	H-4	1-14	Berger	31
32	Calculation of Monthly Margin per Customer	H-6	1-4	Berger	32

Schedule A

**SOUTHWEST GAS CORPORATION
ARIZONA
INCREASE IN GROSS REVENUE REQUIREMENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Original Cost (c)	Reproduction Cost New Depreciated (d)	Fair Value (e) [(c) + (d)] / 2	Line No.
1	Adjusted Rate Base	Sch B-1, Sh 1, Ln 15	\$ 1,336,049,260	\$ 2,288,780,073	\$ 1,812,414,666	1
2	Adjusted Operating Income	Sch C-1, Sh 1, Ln19(e)	<u>89,293,036</u>	<u>89,293,036</u>	<u>89,293,036</u>	2
3	Current Rate of Return	Ln 2 / Ln 1	6.68%	3.90%	4.93%	3
4	Required Operating Income	Sch A-1, Sh 2, Ln 19(g)	\$ 108,844,799	\$ 108,844,799	\$ 108,844,799	4
5	Required Rate of Return	Ln 4 / Ln 1	8.15%	4.76%	6.01%	5
6	Operating Income Deficiency	Ln 4 - Ln 2			\$ 19,551,764	6
7	Gross Revenue Conversion Factor	Sch C-3, Sh 1, Ln 8(c)			<u>1.6329</u>	7
8	Increase in Gross Revenue Requirements	Ln 6 * Ln 7			<u>\$ 31,926,895</u>	8

Note: Spread of revenue increase by customer classification is shown on Schedule A-1, Sheet 3.

SOUTHWEST GAS CORPORATION
ARIZONA
SUMMARY OF THE OVERALL RESULTS OF OPERATIONS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description	Reference	Recorded 11/30/2015	Adjustments	Adjusted 11/30/2015	Deficiency	Adjusted for Deficiency	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			Sch C-1, Sh 1, Col(c)	Sch C-2, Sh 2 Col(l)	(c) + (d)		(e) + (f)	
1	Operating Revenue		\$ 759,679,827	\$ (277,998,422)	\$ 481,681,406	\$ 31,926,895	\$ 513,608,301	1
2	Gas Cost		271,267,386	(271,267,386)	0	0	0	2
3	Operating Margin	Ln 1 - Ln 2	\$ 488,412,441	\$ (6,731,035)	\$ 481,681,406	\$ 31,926,895	\$ 513,608,301	3
Operating Expenses								
4	Other Gas Costs		\$ 1,285,440	\$ 59,985	\$ 1,345,425	\$ 0	\$ 1,345,425	4
5	Storage		0	0	0	0	0	5
6	Distribution		108,839,434	2,387,340	111,226,774	0	111,226,774	6
7	Customer Accounts		24,550,962	3,276,138	27,827,100	96,592	27,923,691	7
8	Customer Service & Info.		1,947,886	(1,075,395)	872,491	0	872,491	8
9	Sales		13,141	(13,141)	0	0	0	9
Administrative & General								
10	Direct		4,651,301	1,400,707	6,052,009	0	6,052,009	10
11	System Allocable		69,604,663	1,355,935	70,960,598	0	70,960,598	11
Depreciation & Amortization								
12	Direct		119,023,597	(35,899,029)	83,124,568	0	83,124,568	12
13	System Allocable		10,508,622	2,287,744	12,796,366	0	12,796,366	13
14	Regulatory Amortizations		7,963,027	(8,015,970)	(52,943)	0	(52,943)	14
15	Taxes Other Than Income		34,291,273	7,337,348	41,628,621	0	41,628,621	15
16	Interest on Customer Deposits		2,320,178	35,049	2,355,227	0	2,355,227	16
17	Income Taxes		26,498,643	7,753,492	34,252,135	12,278,540	46,530,675	17
18	Total Operating Expenses	Sum Lns 4-17	\$ 411,498,169	\$ (19,109,799)	\$ 392,388,370	\$ 12,375,131	\$ 404,763,501	18
19	Net Operating Income	Ln 3 - Ln 18	\$ 76,914,272	\$ 12,378,763	\$ 89,293,036	\$ 19,551,764	\$ 108,844,799	19
Rate Base								
Gross Plant in Service								
20	Direct	Sch B-1	\$ 3,014,561,569	\$ 23,274,450	\$ 3,037,836,019	\$ 979,158,255	\$ 4,016,994,274	20
21	System Allocable	Sch B-1	156,768,931	16,797,299	173,566,230	5,062,951	178,629,180	21
22	Total Gross Plant in Service	Ln 20 + Ln 21	\$ 3,171,330,500	\$ 40,071,749	\$ 3,211,402,249	\$ 984,221,206	\$ 4,195,623,455	22
Accumulated Depreciation								
23	Direct	Sch B-1	\$ 1,285,149,725	\$ 0	\$ 1,285,149,725	\$ 430,116,265	\$ 1,715,265,990	23
24	System Allocable	Sch B-1	99,705,173	0	99,705,173	1,699,195	101,404,368	24
25	Total Accumulated Depreciation	Ln 23 + Ln 24	\$ 1,384,854,898	\$ 0	\$ 1,384,854,898	\$ 431,815,460	\$ 1,816,670,358	25
26	Net Plant in Service	Ln 22 - Ln 25	\$ 1,786,475,602	\$ 40,071,749	\$ 1,826,547,351	\$ 552,405,746	\$ 2,378,953,097	26
Other Rate Base								
Allowance for Working Capital								
27	Cash Working Capital	Sch B-5, Sh 2	\$ (4,113,676)	\$ 0	\$ (4,113,676)	\$ 0	\$ (4,113,676)	27
28	Materials and Supplies	Sch B-5, Sh 3	15,364,326	0	15,364,326	0	15,364,326	28
29	Prepayments	Sch B-5, Sh 4	6,885,291	0	6,885,291	0	6,885,291	29
30	Customer Deposits	Sch B-6, Sh 1	(39,253,787)	0	(39,253,787)	0	(39,253,787)	30
31	Customer Advances	Sch B-6, Sh 2	(38,815,661)	0	(38,815,661)	0	(38,815,661)	31
32	Deferred Taxes	Sch B-6, Sh 3	(391,782,930)	(38,781,654)	(430,564,584)	(76,040,340)	(506,604,924)	32
33	Total Other Rate Base	Sum Lns 27-32	\$ (451,716,437)	\$ (38,781,654)	\$ (490,498,091)	\$ (76,040,340)	\$ (566,538,431)	33
34	Total Rate Base	Ln 26 + Ln 33	\$ 1,334,759,165	\$ 1,290,095	\$ 1,336,049,260	\$ 476,365,406	\$ 1,812,414,666	34
35	Rate of Return	Ln 19 / Ln 34	5.76%		6.68%		6.01%	35

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SPREAD OF REVENUE INCREASE BY CUSTOMER CLASS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Present Schedule Number (b)	Increase/(Decrease) [1]		Line No.
			Dollars (c)	Percent (d)	
<u>Residential Service</u>					
1	Single-Family Residential Gas Service	G-5	\$ 14,101,165	3.11%	1
2	Multi-Family Residential Gas Service	G-6	312,940	2.72%	2
3	Single-Family Low Income Residential Gas Service	G-10	571,967	3.35%	3
4	Multi-Family Low Income Residential Gas Service	G-11	35,804	3.10%	4
5	Special Residential Gas Service for Air Conditioning	G-15	8,510	12.54%	5
6	Master-Metered Mobile Home Park Gas Service	G-20	19,012	1.14%	6
<u>General Gas Service</u>					
7	Small	G-25(S)	304,229	2.57%	7
8	Medium	G-25(M)	908,102	1.84%	8
9	Large-1	G-25(L1)	1,413,062	1.36%	9
10	Large-2	G-25(L2)	351,291	1.28%	10
11	Transportation Eligible	G-25(TE)	878,312	2.03%	11
12	Optional Gas Service	G-30	0	0.00%	12
13	Air Conditioning Gas Service	G-40	1,681	0.89%	13
14	Street Lighting Gas Service	G-45	4,834	45.20%	14
<u>Gas Service for Compression on Customer's Premises</u>					
15	Residential	G-55 (R)	221	0.61%	15
16	Small	G-55 (S)	400	0.70%	16
17	Large	G-55 (L)	32,273	1.62%	17
18	Electric Generation Gas Service	G-60	112,610	3.47%	18
19	Small Essential Agriculture User Gas Service	G-75	37,556	1.30%	19
20	Natural Gas Engine Gas Service	G-80	44,961	0.75%	20
21	Total Sales and Full Margin Transportation		<u>\$ 19,138,930</u>	<u>2.59%</u>	21
22	Potential Bypass/Standby Gas Service	B-1	0	0.00%	22
23	Other Operating Revenue		0	0.00%	23
24	Total Arizona Revenue		<u><u>\$ 19,138,930</u></u>	<u><u>2.55%</u></u>	24

[1] Schedule H-1, Sheet 1.

**SOUTHWEST GAS CORPORATION
ARIZONA
SUMMARY RESULTS OF OPERATIONS**

Line No.	Description (a)	Prior Years		Test Year		Projected Year		Line No.
		Year Ending 2013 [1] (b)	Year Ending 2014 [1] (c)	Actual 11/30/15 [2] (d)	Adjusted 11/30/15 [2] (e)	Present Rates 11/30/16 [3] (f)	Proposed Rates 11/30/16 [3] (g)	
1	Operating Revenues	\$ 693,846,102	\$ 718,496,472	\$ 759,679,827	\$ 751,121,209	\$ 757,765,606	\$ 790,011,770	1
2	Operating Expenses and Taxes	607,869,760	639,218,575	682,765,555	661,828,173	670,773,763	683,272,052	2
3	Net Operating Income	\$ 85,976,342	\$ 79,277,897	\$ 76,914,272	\$ 89,293,036	\$ 86,991,843	\$ 106,739,718	3
4	Other Income and Deductions	0	0	0	0	0	0	4
5	Interest Expense	32,283,332	34,700,459	33,595,234	33,627,705	33,627,705	33,627,705	5
6	Net Income	\$ 53,693,010	\$ 44,577,438	\$ 43,319,038	\$ 55,665,330	\$ 53,364,138	\$ 73,112,012	6

[1] Supporting Schedule E-2.

[2] Supporting Schedule C-1, Sheets 1 and 16.

[3] Supporting Schedule F-1.

**SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
SUMMARY RESULTS OF OPERATIONS [1]**

Line No.	Description (a)	Prior Years		Test Year	Line No.
		Year Ended 2013 (b)	Year Ended 2014 (c)	12 Months Ended 11/30/2015 (d)	
1	Gross Revenues	\$ 1,320,228,772	\$ 1,402,559,507	\$ 1,469,850,268	1
2	Revenue Deductions & Operating Expenses	1,147,284,906	1,224,803,897	1,298,891,384	2
3	Operating Income	\$ 172,943,866	\$ 177,755,611	\$ 170,958,884	3
4	Other Income and (Deductions)	37,004,750	34,451,064	28,042,831	4
5	Income Before Interest Deductions	\$ 209,948,616	\$ 212,206,674	\$ 199,001,715	5
6	Interest Expense	\$ 63,815,276	\$ 69,831,349	\$ 66,511,500	6
	Allowance for Debt Funds Used				
7	During Construction	(1,260,342)	(1,227,317)	(1,524,652)	7
8	Net Interest Expense	\$ 65,075,618	\$ 71,058,666	\$ 68,036,152	8
9	Net Income	\$ 144,872,998	\$ 141,148,009	\$ 130,965,563	9
	Preferred and Preference Dividend Requirements	0	0	0	10
11	Net Income Applicable to Common Stock	\$ 144,872,998	\$ 141,148,009	\$ 130,965,563	11
	Weighted Average Shares of Common Stock Outstanding	46,317,723	46,494,204	46,919,771	12
13	Earnings per Common Share	\$ 3.13	\$ 3.04	\$ 2.79	13
14	Dividends Paid per Common Share	\$ 1.32	\$ 1.46	\$ 1.62	14
15	Dividend Pay-Out Ratio	42.20%	48.09%	58.04%	15
16	Return on Average Invested Capital	10.13%	9.03%	8.00%	16
17	Return on Year-End Invested Capital	9.54%	8.78%	7.85%	17
18	Return on Average Common Equity	10.13%	9.03%	8.00%	18
19	Return on Year-End Common Equity	9.54%	8.78%	7.85%	19
	Times Bond Interest Earned- Before Income Taxes	5.37	4.84	4.99	20
21	Times Total Interest and Preferred Dividend Earned - After Income Taxes	3.23	2.99	2.92	21

[1] In this proceeding, the Company is requesting rate relief for the Arizona rate jurisdiction of its system only. Projections for the total Company's financial position are not compiled or available.

**SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
SUMMARY OF CAPITAL STRUCTURE [1]**

Line No.	Description (a)	Prior Years			Test Year At 11/30/2015 (d)	Projected At 11/30/2016 [2] (e)	Line No.
		At 12/31/2013 (b)	At 12/31/2014 (c)				
	<u>Capital Amounts</u>						
1	Short-Term Debt	\$ -	\$ 5,000,000	\$ -	\$ -	1	
2	Long-Term Debt	1,350,219,409	1,426,389,163	1,375,933,011	1,401,933,011	2	
3	Total Debt	1,350,219,409	1,431,389,163	1,375,933,011	1,401,933,011	3	
4	Preferred Equity	-	-	-	-	4	
5	Common Equity	1,456,221,810	1,539,658,690	1,594,243,900	1,676,243,900	5	
6	Total Capital	\$ 2,806,441,219	\$ 2,971,047,853	\$ 2,970,176,911	\$ 3,078,176,911	6	
	<u>Capitalization Ratios</u>						
7	Short-Term Debt	0.00%	0.17%	0.00%	0.00%	7	
8	Long-Term Debt	48.11%	48.01%	46.32%	45.54%	8	
9	Total Debt	48.11%	48.18%	46.32%	45.54%	9	
10	Preferred Equity	0.00%	0.00%	0.00%	0.00%	10	
11	Common Equity	51.89%	51.82%	53.68%	54.46%	11	
12	Total	100.00%	100.00%	100.00%	100.00%	12	
	<u>Weighted Cost of Capital</u>						
13	Short-Term Debt	0.00%	0.02%	0.00%	0.00%	13	
14	Long-Term Debt	2.45%	2.22%	2.14%	2.24%	14	
15	Preferred Equity	0.00%	0.00%	0.00%	0.00%	15	
16	Common Equity	4.93%	4.92%	5.50%	5.58%	16	
17	Total Weighted Cost of Capital	7.38%	7.16%	7.64%	7.82%	17	

[1] Based on the equity method of accounting

[2] Estimated

SOUTHWEST GAS CORPORATION
ARIZONA
HISTORICAL AND PROJECTED
CONSTRUCTION EXPENDITURES, PLANT PLACED IN SERVICE, AND GROSS PLANT

Line No.	Description [1]	Actual			Projected			Line No.
		Year Ended 2013 (b)	Year Ended 2014 (c)	Test Year Ended 11/30/2015 (d)	Year Ending 11/30/2016 (e)	Year Ending 11/30/2017 (f)	Year Ending 11/30/2018 (g)	
<u>Construction Expenditures</u>								
1	Arizona Direct	\$ 130,638,522	\$ 198,180,255	\$ 236,430,140	\$ 221,200,072	\$ 219,875,973	\$ 296,075,783	1
2	System Allocable [2]	15,863,336	28,989,111	6,364,440	29,035,642	24,713,246	31,886,930	2
3	Total Construction Expenditures	\$ 146,501,858	\$ 227,169,366	\$ 242,794,581	\$ 250,235,714	\$ 244,589,219	\$ 327,962,713	3
<u>Net Plant Placed in Service</u>								
4	Arizona Direct	\$ 107,455,623	\$ 174,161,729	\$ 201,572,270	\$ 186,200,072	\$ 184,875,973	\$ 261,075,783	4
5	System Allocable [2]	15,134,461	25,534,145	4,887,662	27,633,919	23,311,523	30,485,207	5
6	Total Net Plant Placed in Service	\$ 122,590,083	\$ 199,695,874	\$ 206,459,931	\$ 213,833,991	\$ 208,187,496	\$ 291,560,990	6
<u>Gross Utility Plant in Service</u>								
7	Arizona Direct	\$ 2,653,601,838	\$ 2,827,763,567	\$ 3,029,335,837	\$ 3,215,535,909	\$ 3,400,411,882	\$ 3,661,487,665	7
8	System Allocable [2]	128,239,621	153,773,766	158,661,427	186,295,347	209,606,870	240,092,077	8
9	Total Gross Utility Plant in Service	\$ 2,781,841,459	\$ 2,981,537,333	\$ 3,187,997,264	\$ 3,401,831,256	\$ 3,610,018,752	\$ 3,901,579,742	9

[1] Source: Company Records
[2] After 4-Factor Allocation to AZ. Schedule C-1, Sheet 17, Ln 9 (c).

SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
SUMMARY STATEMENT OF CASH FLOWS
(\$ Thousands)

Line No.	Description (a)	Prior Years [1]		Test Year [1] 12 Months Ended 11/30/2015 (d)	Projected Year [2]		Line No.
		Year Ended 2013 (b)	Year Ended 2014 (c)		At Present Rates Year Ended 11/30/2016 (e)	At Proposed Rates Year Ended 11/30/2016 (f)	
1	Cash Flows from Operating Activities	\$ 346,209	\$ 346,423	\$ 547,147	\$ 464,295	\$ 442,847	1
2	Cash Flows from Investing Activities	(348,038)	(555,588)	(469,822)	406,610	406,610	2
3	Cash Flows from Financing Activities	17,376	207,654	(80,894)	(50,191)	(50,191)	3
4	Increase (Decrease) in Cash and Cash Equivalents	\$ 15,547	\$ (1,511)	\$ (3,569)	\$ 820,714	\$ 799,266	4

[1] Supporting Schedule E-3.

[2] Supporting Schedule F-2.

Schedule B

SOUTHWEST GAS CORPORATION
ARIZONA
SUMMARY OF ADJUSTED ORIGINAL COST AND RCND RATE BASE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Reference (b)	Adjusted Original Cost Rate Base (c)	Adjusted RCND Rate Base (d)	Fair Value [1] Rate Base (e)	Line No.
			Net Plant: Sch B-1, Sh 2 Col (e)	Net Plant: Sch B-3, Sh 1 Col (e)	[(c) + (d)] / 2	
	<u>Gross Plant in Service</u>					
1	Direct		\$ 3,037,836,019	\$ 4,996,152,529	\$ 4,016,994,274	1
2	System Allocable		173,566,230	183,692,131	178,629,180	2
3	Total Gross Plant in Service	Ln 1 + Ln 2	<u>\$ 3,211,402,249</u>	<u>\$ 5,179,844,660</u>	<u>\$ 4,195,623,455</u>	3
	<u>Accumulated Depreciation</u>					
4	Direct		\$ 1,285,149,725	\$ 2,145,382,255	\$ 1,715,265,990	4
5	System Allocable		99,705,173	103,103,563	101,404,368	5
6	Total Accumulated Depreciation	Ln 4 + Ln 5	<u>\$ 1,384,854,898</u>	<u>\$ 2,248,485,818</u>	<u>\$ 1,816,670,358</u>	6
7	Net Plant in Service	Ln 3 - Ln 6	<u>\$ 1,826,547,351</u>	<u>\$ 2,931,358,843</u>	<u>\$ 2,378,953,097</u>	7
	<u>Other Rate Base</u>					
	<u>Allowance for Working Capital</u>					
8	Cash Working Capital	Sch B-5, Sh 2	\$ (4,113,676)	\$ (4,113,676)	\$ (4,113,676)	8
9	Materials and Supplies	Sch B-5, Sh 3	15,364,326	15,364,326	15,364,326	9
10	Prepayments	Sch B-5, Sh 4	6,885,291	6,885,291	6,885,291	10
11	Customer Deposits	Sch B-6, Sh 1	(39,253,787)	(39,253,787)	(39,253,787)	11
12	Customer Advances	Sch B-6, Sh 2	(38,815,661)	(38,815,661)	(38,815,661)	12
13	Deferred Taxes	Sch B-4, Sh 41	(430,564,584)	(582,645,263) [2]	(506,604,924)	13
14	Total Other Rate Base	Sum Lns 8-13	<u>\$ (490,498,091)</u>	<u>\$ (642,578,770)</u>	<u>\$ (566,538,430)</u>	14
15	Total Rate Base	Ln 7 + Ln 14	<u>\$ 1,336,049,260</u>	<u>\$ 2,288,780,073</u>	<u>\$ 1,812,414,666</u>	15
			Sch A-1, Sh 1 Ln 1(c)	Sch A-1, Sh 1 Ln 1(d)	Sch A-1, Sh 1 Ln 1(e)	

[1] 50/50 weighting of original cost rate base and reproduction cost new depreciated (RCND) rate base.

[2] Schedule B-4.

**SOUTHWEST GAS CORPORATION
ARIZONA
RECORDED RATE BASE, AS ADJUSTED
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Recorded at 11/30/2015 (c)	Adjustments (d)	Adjusted at 11/30/2015 (e) (c) + (d)	Line No.
<u>Gross Plant in Service</u>						
1	Direct	Sch B-2, Sh 1, Ln 5	\$ 3,014,561,569	\$ 23,274,450	\$ 3,037,836,019	1
2	System Allocable	Sch B-2, Sh 1, Ln 20	156,768,931	16,797,299	173,566,230	2
3	Total Gross Plant in Service	Ln 1 + Ln 2	<u>\$ 3,171,330,500</u>	<u>\$ 40,071,749</u>	<u>\$ 3,211,402,249</u>	3
<u>Accumulated Depreciation</u>						
4	Direct	Sch B-2, Sh 1, Ln 10	\$ 1,285,149,725	\$ 0	\$ 1,285,149,725	4
5	System Allocable	Sch B-2, Sh 1, Ln 21	99,705,173	0	99,705,173	5
6	Total Accumulated Depreciation	Ln 4 + Ln 5	<u>\$ 1,384,854,898</u>	<u>\$ 0</u>	<u>\$ 1,384,854,898</u>	6
7	Net Plant in Service	Ln 3 - Ln 6	<u>\$ 1,786,475,602</u>	<u>\$ 40,071,749</u>	<u>\$ 1,826,547,351</u>	7
<u>Other Rate Base</u>						
<u>Allowance for Working Capital</u>						
8	Cash Working Capital	Sch B-5, Sh 2	\$ (4,113,676)	\$ 0	\$ (4,113,676)	8
9	Materials and Supplies	Sch B-5, Sh 3	15,364,326	0	15,364,326	9
10	Prepayments	Sch B-5, Sh 4	6,885,291	0	6,885,291	10
11	Customer Deposits	Sch B-6, Sh 1	(39,253,787)	0	(39,253,787)	11
12	Customer Advances	Sch B-6, Sh 2	(38,815,661)	0	(38,815,661)	12
13	Deferred Taxes	Sch B-6, Sh 3	(391,782,930)	(38,781,654)	(430,564,584)	13
14	Total Other Rate Base	Sum Lns 8-13	<u>\$ (451,716,437)</u>	<u>\$ (38,781,654)</u>	<u>\$ (490,498,091)</u>	14
15	Total Rate Base	Ln 7 + Ln 14	<u>\$ 1,334,759,165</u>	<u>\$ 1,290,095</u>	<u>\$ 1,336,049,260</u>	15

Sch B-1, Sh 1
Col (c)

SOUTHWEST GAS CORPORATION
ARIZONA
SUMMARY OF ORIGINAL COST OF GAS PLANT BY FUNCTION
AT NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR

Line No.	Description (a)	Reference (b)	Recorded at 11/30/2015 (c)	Adjustments (d)	Adjusted at 11/30/2015 (e)	Allocation of System Allocable Plant (f)	Adjusted after Allocation at 11/30/2015 (g)	Line No.
			WP B-2, Sh 1 & WP B-2, Sh 3	WP B-2, Sh 1 & WP B-2, Sh 3	(c) + (d)	(e) * Ln 19	(e) + (f)	
<u>Direct Gross Plant in Service (GPIS)</u>								
1	Intangible Plant		\$ 4,142,371	\$ 0	\$ 4,142,371	\$ 124,560,408	\$ 128,702,779	1
2	Storage Plant		0	0	0	0	0	2
3	Distribution Plant		2,863,182,320	19,147,853	2,882,330,173	0	2,882,330,173	3
4	General Plant		147,236,878	4,126,597	151,363,475	49,005,822	200,369,297	4
5	Total Direct Gross Plant in Service	Sum Lns 1-4	\$ 3,014,561,569	\$ 23,274,450	\$ 3,037,836,019	\$ 173,566,230	\$ 3,211,402,249	5
<u>Direct Accumulated Depreciation</u>								
6	Intangible Plant		\$ 2,797,303	\$ 0	\$ 2,797,303	\$ 83,768,375	\$ 86,565,678	6
7	Storage Plant		0	0	0	0	0	7
8	Distribution Plant		1,277,350,037	0	1,277,350,037	0	1,277,350,037	8
9	General Plant		5,002,385	0	5,002,385	15,936,798	20,939,183	9
10	Total Direct Accumulated Depreciation	Sum Lns 6-9	\$ 1,285,149,725	\$ 0	\$ 1,285,149,725	\$ 99,705,173	\$ 1,384,854,898	10
11	Total Direct Net Plant in Service	Ln 5 - Ln 10	\$ 1,729,411,844	\$ 23,274,450	\$ 1,752,686,294	\$ 73,861,056	\$ 1,826,547,351	11
Sch B-1, Sh 2 Col (e)								
<u>System Allocable GPIS</u>								
12	Intangible Plant		\$ 194,908,990	\$ 27,246,908	\$ 222,155,899			12
13	General Plant		84,691,433	2,711,400	87,402,832			13
14	Total Sys. Gross Plant in Service	Ln 12 + Ln 13	\$ 279,600,423	\$ 29,958,308	\$ 309,558,731			14
<u>System Allocable Accumulated Depreciation</u>								
15	Intangible Plant		\$ 149,402,519	\$ 0	\$ 149,402,519			15
16	General Plant		28,423,588	0	28,423,588			16
17	Total Sys. Accumulated Depreciation	Ln 15 + Ln 16	\$ 177,826,107	\$ 0	\$ 177,826,107			17
18	Total System Allocable Net Plant in Service	Ln 14 - Ln 17	\$ 101,774,316	\$ 29,958,308	\$ 131,732,624			18
19	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)	56.07%	56.07%	56.07%			19
20	System Alloc. GPIS Alloc. to AZ	Ln 14 * Ln 19(c)	\$ 156,768,931	\$ 16,797,299	\$ 173,566,230			20
21	Sys. Accumulated Depreciation Allocated to AZ	Ln 17 * Ln 19(c)	99,705,173	0	99,705,173			21
22	System Allocable Net Plant Allocated to AZ	Ln 20 - Ln 21	\$ 57,063,757	\$ 16,797,299	\$ 73,861,056			22

SOUTHWEST GAS CORPORATION
ARIZONA
POST-TEST YEAR PLANT
ADJUSTMENT NO. 18

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
<u>Distribution Plant</u>					
1	Land and Land Rights	n/a	374.1	\$ 0	1
2	Mains - Replacements	WP B-2, Adj. 18, Sh 1, Col(d)	376	12,124,818	2
3	Measuring and Reg. Stations	WP B-2, Adj. 18, Sh 1, Col(e)	378	3,546,554	3
4	Services - Replacements	WP B-2, Adj. 18, Sh 1, Col(f)	380	2,822,622	4
5	Industrial Measuring and Reg Sta.	n/a	385	0	5
6	Total Distribution Plant	Sum Lns 1-5		\$ 18,493,995	6
<u>General Plant</u>					
7	Structures and Improv. - Co. Owned	WP B-2, Adj. 18, Sh 1, Col(g)	390.1	\$ 1,511,824	7
8	Office Furniture and Fixtures	WP B-2, Adj. 18, Sh 1, Col(h)	391	102,651	8
9	Computer Software & Hardware	WP B-2, Adj. 18, Sh 1, Col(i)	391.1	28,003	9
10	Transportation Equipment - Light	WP B-2, Adj. 18, Sh 1, Col(j)	392.11	1,921,601	10
11	Stores Equip.	WP B-2, Adj. 18, Sh 1, Col(k)	393	106,981	11
12	Tool, Shop, & Garage Equip.	WP B-2, Adj. 18, Sh 1, Col(l)	394	83,896	12
13	Power Operated Equip.	WP B-2, Adj. 18, Sh 1, Col(m)	396	349,269	13
14	Communication Equipment	WP B-2, Adj. 18, Sh 1, Col(n)	397	22,372	14
15	Total General Plant	Sum Lns 7-14		\$ 4,126,597	15
16	Total Arizona	Ln 6 + Ln 15		\$ 22,620,591	16

Sch C-2, Sh 2
 Col (i)

Explanation: to record direct Arizona non-revenue producing plant projects in construction work in progress at the end of the test year with an in-service date by August 31, 2016.

**SOUTHWEST GAS CORPORATION
 SYSTEM ALLOCABLE
 POST-TEST YEAR PLANT
 ADJUSTMENT NO. 18**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
<u>Intangible Plant</u>					
1	Miscellaneous Intangible	WP B-2, Adj. 18, Sh 3	303	\$ 27,246,908	1
2	Total Intangible Plant	Ln 1		\$ 27,246,908	2
<u>General Plant</u>					
3	Structures & Improv - Co. Owned	WP B-2, Adj. 18, Sh 8, Col(d)	390.1	\$ 1,697,802	3
4	Structures & Improv - Leasehold	WP B-2, Adj. 18, Sh 8, Col(e)	390.2	191,781	4
5	Office Furniture & Fixtures	WP B-2, Adj. 18, Sh 8, Col(f)	391	512,714	5
6	Computer Software & Hardware	WP B-2, Adj. 18, Sh 8, Col(g)	391.1	173,648	6
7	Tool, Shop, & Garage Equip.	WP B-2, Adj. 18, Sh 8, Col(h)	394	3,928	7
8	Laboratory Equipment	WP B-2, Adj. 18, Sh 8, Col(i)	395	59,078	8
9	Miscellaneous Equipment	WP B-2, Adj. 18, Sh 8, Col(j)	398	72,450	9
10	Total General Plant	Sum Lns 3 thru 9		\$ 2,711,400	10
11	Total System Allocable Plant	Ln 2 + Ln 10		\$ 29,958,308	11
12	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)		56.07%	12
13	Amount Allocated to AZ	Ln 11 * Ln 12		\$ 16,797,299	13
				Sch C-2, Sh 2 Col (i)	

Explanation:

Explanation: to record System Allocable general plant projects in construction work in progress at the end of the test year and adjust System Allocable Miscellaneous Intangible plant consistent with prior Commission decisions.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 CUSTOMER OWNED YARD LINES (COYL)
 ADJUSTMENT NO. 19**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
<u>December 2015 COYL Plant Additions</u>					
1	Phase I	Company Records		\$ 351,931	1
2	Phase II	Company Records		<u>301,927</u>	2
3	Total COYL	Sum Lns 1-2	380	<u>\$ 653,859</u>	3
				Sch C-2, Sh 2 Col (j)	
<u>COYL Leak Survey Normalization</u>					
4	Recorded 12/12-11/15	Company Records		\$ 3,889,703	4
5	3-Year Average	Ln 4 / 3		\$ 1,296,568	5
6	Test Year Recorded	Company Records		<u>485,546</u>	6
7	Adjustment	Ln 5 - Ln 6	892	<u>\$ 811,022</u>	7
				Sch C-2, Sh 2 Col (j)	

Explanation: to record Arizona COYL recorded during December 2015 to synchronize the COYL plant in rate base with the COYL surcharge that will cease when rates from this proceeding become effective; to normalize COYL Leak Survey expenses.

SOUTHWEST GAS CORPORATION
ARIZONA
SUMMARY OF REPRODUCTION COST NEW DEPRECIATED (RCND) OF GAS PLANT BY FUNCTION
AT NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR

Line No.	Description (a)	Reference (b)	RCND		Adjusted at 11/30/2015 (e)	Allocation of System Allocable Plant (f)	Adjusted after Allocation at 11/30/2015 (g)	Line No.	
			11/30/2015 (c)	Adjustments (d)					
			Sch B-4	Sch B-2, Sh 1 Col (d)	(c) + (d)	Lns 12-17(e) * Ln 19(c)	(e) + (f)		
<u>Direct Gross Plant in Service (GPIS)</u>									
1	Intangible Plant		\$ 4,142,371	\$ 0	\$ 4,142,371	\$ 124,560,407	\$ 128,702,778	1	
2	Storage Plant		0	0	0	0	0	2	
3	Distribution Plant		4,788,913,482	19,147,853	4,808,061,335	0	4,808,061,335	3	
4	General Plant		179,822,226	4,126,597	183,948,823	59,131,724	243,080,547	4	
5	Total Direct Gross Plant in Service	Sum Lns 1-4	\$ 4,972,878,079	\$ 23,274,450	\$ 4,996,152,529	\$ 183,692,131	\$ 5,179,844,660	5	
<u>Direct Accumulated Depreciation</u>									
6	Intangible Plant		\$ 2,797,303	\$ 0	\$ 2,797,303	\$ 83,768,375	\$ 86,565,678	6	
7	Storage Plant		0	0	0	0	0	7	
8	Distribution Plant		2,136,475,477	0	2,136,475,477	0	2,136,475,477	8	
9	General Plant		6,109,475	0	6,109,475	19,335,187	25,444,662	9	
10	Total Direct Accumulated Depreciation	Sum Lns 6-9	\$ 2,145,382,255	\$ 0	\$ 2,145,382,255	\$ 103,103,563	\$ 2,248,485,818	10	
11	Total Direct Net Plant in Service	Ln 5 - Ln 10	\$ 2,827,495,824	\$ 23,274,450	\$ 2,850,770,274	\$ 80,588,569	\$ 2,931,358,843	11	
<u>System Allocable GPIS</u>									
12	Intangible Plant		\$ 194,908,990	\$ 27,246,908	\$ 222,155,898			12	
13	General Plant		102,751,175	2,711,400	105,462,575			13	
14	Total Sys. Gross Plant in Service	Ln 12 + Ln 13	\$ 297,660,165	\$ 29,958,308	\$ 327,618,473			14	
<u>System Allocable Accumulated Depreciation</u>									
15	Intangible Plant		\$ 149,402,519	\$ 0	\$ 149,402,519			15	
16	General Plant		34,484,681	0	34,484,681			16	
17	Total Sys. Accumulated Depreciation	Ln 15 + Ln 16	\$ 183,887,200	\$ 0	\$ 183,887,200			17	
18	Total System Allocable Net Plant in Service	Ln 14 - Ln 17	\$ 113,772,965	\$ 29,958,308	\$ 143,731,273			18	
19	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)	56.07%	56.07%	56.07%			19	
20	System Alloc. GPIS Alloc. to AZ	Ln 14 * Ln 19(c)	\$ 166,894,832	\$ 16,797,299	\$ 183,692,131			20	
21	Sys. Accumulated Depreciation Allocated to AZ	Ln 17 * Ln 19(c)	103,103,563	0	103,103,563			21	
22	System Allocable Net Plant Allocated to AZ	Ln 20 - Ln 21	\$ 63,791,270	\$ 16,797,299	\$ 80,588,569			22	

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 374.1 - Land and Land Rights			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	1	1.00	\$ 0	1
2	1931	0	1	1.00	0	2
3	1932	0	1	1.00	0	3
4	1933	0	1	1.00	0	4
5	1934	0	1	1.00	0	5
6	1935	0	1	1.00	0	6
7	1936	0	1	1.00	0	7
8	1937	0	1	1.00	0	8
9	1938	0	1	1.00	0	9
10	1939	0	1	1.00	0	10
11	1940	0	1	1.00	0	11
12	1941	0	1	1.00	0	12
13	1942	0	1	1.00	0	13
14	1943	0	1	1.00	0	14
15	1944	0	1	1.00	0	15
16	1945	0	1	1.00	0	16
17	1946	0	1	1.00	0	17
18	1947	0	1	1.00	0	18
19	1948	0	1	1.00	0	19
20	1949	0	1	1.00	0	20
21	1950	0	1	1.00	0	21
22	1951	0	1	1.00	0	22
23	1952	0	1	1.00	0	23
24	1953	0	1	1.00	0	24
25	1954	0	1	1.00	0	25
26	1955	0	1	1.00	0	26
27	1956	0	1	1.00	0	27
28	1957	0	1	1.00	0	28
29	1958	9,746	1	1.00	9,746	29
30	1959	0	1	1.00	0	30
31	1960	0	1	1.00	0	31
32	1961	0	1	1.00	0	32
33	1962	0	1	1.00	0	33
34	1963	0	1	1.00	0	34
35	1964	0	1	1.00	0	35
36	1965	0	1	1.00	0	36
37	1966	0	1	1.00	0	37
38	1967	0	1	1.00	0	38
39	1968	0	1	1.00	0	39
40	1969	0	1	1.00	0	40
41	1970	0	1	1.00	0	41
42	1971	0	1	1.00	0	42
43	1972	0	1	1.00	0	43
44	1973	0	1	1.00	0	44
45	1974	0	1	1.00	0	45
46	1975	254	1	1.00	254	46
47	1976	0	1	1.00	0	47
48	1977	0	1	1.00	0	48
49	1978	0	1	1.00	0	49
50	1979	0	1	1.00	0	50
51	1980	0	1	1.00	0	51
52	1981	0	1	1.00	0	52
53	1982	0	1	1.00	0	53
54	1983	0	1	1.00	0	54
55	1984	0	1	1.00	0	55
56	1985	331,290	1	1.00	331,290	56
57	1986	0	1	1.00	0	57
58	1987	0	1	1.00	0	58
59	1988	0	1	1.00	0	59
60	1989	0	1	1.00	0	60
61	1990	0	1	1.00	0	61
62	1991	0	1	1.00	0	62
63	1992	0	1	1.00	0	63
64	1993	2,500	1	1.00	2,500	64
65	1994	0	1	1.00	0	65
66	1995	0	1	1.00	0	66
67	1996	0	1	1.00	0	67
68	1997	0	1	1.00	0	68
69	1998	0	1	1.00	0	69
70	1999	0	1	1.00	0	70
71	2000	0	1	1.00	0	71
72	2001	0	1	1.00	0	72
73	2002	0	1	1.00	0	73
74	2003	0	1	1.00	0	74
75	2004	0	1	1.00	0	75
76	2005	0	1	1.00	0	76
77	2006	0	1	1.00	0	77
78	2007	0	1	1.00	0	78
79	2008	0	1	1.00	0	79
80	2009	12,113	1	1.00	12,113	80
81	2010	10,139	1	1.00	10,139	81
82	2011	22,262	1	1.00	22,262	82
83	2012	17,362	1	1.00	17,362	83
84	2013	0	1	1.00	0	84
85	2014	0	1	1.00	0	85
86	2015	0	1	1.00	0	86
87	Total	\$ 405,666			\$ 405,666	87

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Year Installed	Account 374.2 - Rights of Way			RCN Total Arizona	Line No.
		Original Cost Total Arizona	H - W Index	Ratio To Current Index		
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	1	1.00	\$ 0	1
2	1931	0	1	1.00	0	2
3	1932	0	1	1.00	0	3
4	1933	0	1	1.00	0	4
5	1934	0	1	1.00	0	5
6	1935	0	1	1.00	0	6
7	1936	0	1	1.00	0	7
8	1937	0	1	1.00	0	8
9	1938	0	1	1.00	0	9
10	1939	0	1	1.00	0	10
11	1940	111	1	1.00	111	11
12	1941	14	1	1.00	14	12
13	1942	0	1	1.00	0	13
14	1943	160	1	1.00	160	14
15	1944	0	1	1.00	0	15
16	1945	2	1	1.00	2	16
17	1946	0	1	1.00	0	17
18	1947	0	1	1.00	0	18
19	1948	952	1	1.00	952	19
20	1949	139	1	1.00	139	20
21	1950	101	1	1.00	101	21
22	1951	667	1	1.00	667	22
23	1952	183	1	1.00	183	23
24	1953	124	1	1.00	124	24
25	1954	104	1	1.00	104	25
26	1955	121	1	1.00	121	26
27	1956	116	1	1.00	116	27
28	1957	138	1	1.00	138	28
29	1958	146	1	1.00	146	29
30	1959	75	1	1.00	75	30
31	1960	164	1	1.00	164	31
32	1961	178	1	1.00	178	32
33	1962	896	1	1.00	896	33
34	1963	2,944	1	1.00	2,944	34
35	1964	2,322	1	1.00	2,322	35
36	1965	849	1	1.00	849	36
37	1966	1,145	1	1.00	1,145	37
38	1967	664	1	1.00	664	38
39	1968	896	1	1.00	896	39
40	1969	4,059	1	1.00	4,059	40
41	1970	20,184	1	1.00	20,184	41
42	1971	18,376	1	1.00	18,376	42
43	1972	11,259	1	1.00	11,259	43
44	1973	16,606	1	1.00	16,606	44
45	1974	29,634	1	1.00	29,634	45
46	1975	8,365	1	1.00	8,365	46
47	1976	15,469	1	1.00	15,469	47
48	1977	13,306	1	1.00	13,306	48
49	1978	12,233	1	1.00	12,233	49
50	1979	5,998	1	1.00	5,998	50
51	1980	3,835	1	1.00	3,835	51
52	1981	69,501	1	1.00	69,501	52
53	1982	21,828	1	1.00	21,828	53
54	1983	13,467	1	1.00	13,467	54
55	1984	5,304	1	1.00	5,304	55
56	1985	56,285	1	1.00	56,285	56
57	1986	20,552	1	1.00	20,552	57
58	1987	8,770	1	1.00	8,770	58
59	1988	3,206	1	1.00	3,206	59
60	1989	3,127	1	1.00	3,127	60
61	1990	0	1	1.00	0	61
62	1991	0	1	1.00	0	62
63	1992	0	1	1.00	0	63
64	1993	2,250	1	1.00	2,250	64
65	1994	6,025	1	1.00	6,025	65
66	1995	0	1	1.00	0	66
67	1996	0	1	1.00	0	67
68	1997	130,099	1	1.00	130,099	68
69	1998	1,768	1	1.00	1,768	69
70	1999	0	1	1.00	0	70
71	2000	39,620	1	1.00	39,620	71
72	2001	15,864	1	1.00	15,864	72
73	2002	36,423	1	1.00	36,423	73
74	2003	12,148	1	1.00	12,148	74
75	2004	104,102	1	1.00	104,102	75
76	2005	78,132	1	1.00	78,132	76
77	2006	284,871	1	1.00	284,871	77
78	2007	777,551	1	1.00	777,551	78
79	2008	215,233	1	1.00	215,233	79
80	2009	14,416	1	1.00	14,416	80
81	2010	155,388	1	1.00	155,388	81
82	2011	18,196	1	1.00	18,196	82
83	2012	37,200	1	1.00	37,200	83
84	2013	31,066	1	1.00	31,066	84
85	2014	192,215	1	1.00	192,215	85
86	2015	53,514	1	1.00	53,514	86
87	Total	\$ 2,580,656			\$ 2,580,656	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 375 - Structures and Improvements			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	19	23.26	\$ 0	1
2	1931	0	17	26.00	0	2
3	1932	0	16	27.63	0	3
4	1933	0	17	26.00	0	4
5	1934	0	19	23.26	0	5
6	1935	0	18	24.56	0	6
7	1936	0	19	23.26	0	7
8	1937	197	20	22.10	4,354	8
9	1938	94	20	22.10	2,077	9
10	1939	1,659	20	22.10	36,664	10
11	1940	373	20	22.10	8,243	11
12	1941	2,797	22	20.09	56,192	12
13	1942	0	23	19.22	0	13
14	1943	0	23	19.22	0	14
15	1944	0	24	18.42	0	15
16	1945	5,437	24	18.42	100,150	16
17	1946	2,032	27	16.37	33,264	17
18	1947	895	32	13.81	12,360	18
19	1948	4,989	36	12.28	61,265	19
20	1949	6,441	37	11.95	76,970	20
21	1950	8,724	39	11.33	98,843	21
22	1951	21,212	42	10.52	223,150	22
23	1952	1,568	44	10.05	15,758	23
24	1953	4,318	44	10.05	43,396	24
25	1954	2,625	46	9.61	25,226	25
26	1955	959	48	9.21	8,832	26
27	1956	4,816	52	8.50	40,936	27
28	1957	0	55	8.04	0	28
29	1958	0	57	7.75	0	29
30	1959	0	58	7.62	0	30
31	1960	0	59	7.49	0	31
32	1961	0	58	7.62	0	32
33	1962	0	59	7.49	0	33
34	1963	0	60	7.37	0	34
35	1964	0	61	7.25	0	35
36	1965	394	64	6.91	2,723	36
37	1966	0	65	6.80	0	37
38	1967	0	67	6.60	0	38
39	1968	0	71	6.23	0	39
40	1969	0	75	5.89	0	40
41	1970	0	79	5.59	0	41
42	1971	0	87	5.08	0	42
43	1972	0	93	4.75	0	43
44	1973	23,733	100	4.42	104,900	44
45	1974	8,122	118	3.75	30,458	45
46	1975	0	133	3.32	0	46
47	1976	0	138	3.20	0	47
48	1977	437	148	2.99	1,307	48
49	1978	674	161	2.75	1,854	49
50	1979	0	177	2.50	0	50
51	1980	0	194	2.28	0	51
52	1981	0	204	2.17	0	52
53	1982	0	207	2.14	0	53
54	1983	0	215	2.06	0	54
55	1984	0	224	1.97	0	55
56	1985	0	226	1.96	0	56
57	1986	0	231	1.91	0	57
58	1987	0	232	1.91	0	58
59	1988	0	233	1.90	0	59
60	1989	0	232	1.91	0	60
61	1990	2,068	237	1.86	3,847	61
62	1991	2,033	233	1.90	3,863	62
63	1992	0	238	1.86	0	63
64	1993	0	250	1.77	0	64
65	1994	0	261	1.69	0	65
66	1995	3,960	265	1.67	6,613	66
67	1996	0	176	2.51	0	67
68	1997	0	282	1.57	0	68
69	1998	0	285	1.55	0	69
70	1999	0	287	1.54	0	70
71	2000	0	295	1.50	0	71
72	2001	0	303	1.46	0	72
73	2002	0	310	1.43	0	73
74	2003	0	320	1.38	0	74
75	2004	0	342	1.29	0	75
76	2005	0	355	1.25	0	76
77	2006	0	364	1.21	0	77
78	2007	0	382	1.16	0	78
79	2008	0	398	1.11	0	79
80	2009	0	389	1.14	0	80
81	2010	0	399	1.11	0	81
82	2011	0	411	1.08	0	82
83	2012	0	422	1.05	0	83
84	2013	0	431	1.03	0	84
85	2014	0	440	1.00	0	85
86	2015	0	442	1.00	0	86
87	Total	\$ 110,557			\$ 1,003,245	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 376 - Mains - Steel			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 68,317	19	40.58	\$ 2,772,304	1
2	1931	2,459	18	42.83	105,319	2
3	1932	0	18	42.83	0	3
4	1933	0	17	45.35	0	4
5	1934	2,240	18	42.83	95,939	5
6	1935	7,533	19	40.58	305,689	6
7	1936	0	18	42.83	0	7
8	1937	14,240	20	38.55	548,952	8
9	1938	19,897	20	38.55	767,029	9
10	1939	0	20	38.55	0	10
11	1940	182	20	38.55	7,016	11
12	1941	30,248	20	38.55	1,166,060	12
13	1942	17,556	21	36.71	644,481	13
14	1943	26,814	21	36.71	984,342	14
15	1944	13,269	21	36.71	487,105	15
16	1945	48,527	22	35.05	1,700,871	16
17	1946	906	24	32.13	29,110	17
18	1947	205,537	27	28.56	5,870,137	18
19	1948	668,366	31	24.87	16,622,262	19
20	1949	495,531	33	23.36	11,575,604	20
21	1950	732,776	35	22.03	16,143,055	21
22	1951	668,274	37	20.84	13,926,830	22
23	1952	634,209	39	19.77	12,538,312	23
24	1953	413,179	41	18.80	7,767,765	24
25	1954	589,930	44	17.52	10,335,574	25
26	1955	2,617,052	46	16.76	43,861,792	26
27	1956	1,110,595	48	16.06	17,836,156	27
28	1957	1,078,581	52	14.83	15,995,356	28
29	1958	1,799,522	54	14.28	25,697,174	29
30	1959	1,644,074	57	13.53	22,244,321	30
31	1960	1,585,053	58	13.29	21,065,354	31
32	1961	1,626,638	61	12.64	20,560,704	32
33	1962	1,713,915	63	12.24	20,978,320	33
34	1963	1,273,566	64	12.05	15,346,470	34
35	1964	1,570,209	66	11.68	18,340,041	35
36	1965	1,666,285	68	11.34	18,895,672	36
37	1966	1,565,091	69	11.17	17,482,066	37
38	1967	1,037,286	73	10.56	10,953,740	38
39	1968	683,578	75	10.28	7,027,182	39
40	1969	1,550,262	80	9.64	14,944,526	40
41	1970	868,262	84	9.18	7,970,645	41
42	1971	1,976,996	90	8.57	16,942,856	42
43	1972	3,287,974	96	8.03	26,402,431	43
44	1973	2,559,836	100	7.71	19,736,336	44
45	1974	2,730,248	117	6.59	17,992,334	45
46	1975	1,372,812	133	5.80	7,962,310	46
47	1976	632,840	142	5.43	3,436,321	47
48	1977	1,192,599	155	4.97	5,927,217	48
49	1978	1,267,311	171	4.51	5,715,573	49
50	1979	1,129,344	187	4.12	4,652,897	50
51	1980	1,428,393	200	3.86	5,513,597	51
52	1981	2,989,449	219	3.52	10,522,860	52
53	1982	1,604,757	239	3.23	5,183,365	53
54	1983	2,387,023	246	3.13	7,471,382	54
55	1984	2,484,514	251	3.07	7,627,458	55
56	1985	1,924,126	245	3.15	6,060,997	56
57	1986	2,866,374	233	3.31	9,487,698	57
58	1987	2,785,842	241	3.20	8,914,694	58
59	1988	2,154,792	258	2.99	6,442,828	59
60	1989	2,220,395	270	2.86	6,350,330	60
61	1990	3,057,589	276	2.79	8,530,673	61
62	1991	4,414,585	283	2.72	12,007,671	62
63	1992	5,310,531	286	2.70	14,338,434	63
64	1993	5,241,256	294	2.62	13,732,091	64
65	1994	6,723,451	315	2.45	16,472,455	65
66	1995	8,556,975	317	2.43	20,793,449	66
67	1996	6,946,032	319	2.42	16,809,397	67
68	1997	6,875,749	327	2.36	16,226,768	68
69	1998	7,110,849	330	2.34	16,639,387	69
70	1999	6,453,982	341	2.26	14,585,999	70
71	2000	9,157,334	356	2.17	19,871,415	71
72	2001	12,661,055	362	2.13	26,968,047	72
73	2002	14,023,192	367	2.10	29,448,703	73
74	2003	13,229,773	385	2.00	26,459,546	74
75	2004	22,480,743	470	1.64	36,868,419	75
76	2005	29,469,154	568	1.36	40,078,049	76
77	2006	18,158,446	580	1.33	24,150,733	77
78	2007	32,122,647	560	1.38	44,329,253	78
79	2008	13,704,739	602	1.28	17,542,066	79
80	2009	13,896,621	632	1.22	16,953,878	80
81	2010	19,077,871	657	1.17	22,321,109	81
82	2011	55,259,484	741	1.04	57,469,863	82
83	2012	43,694,398	805	0.96	41,946,622	83
84	2013	24,251,691	790	0.98	23,766,657	84
85	2014	39,567,099	787	0.98	38,775,757	85
86	2015	46,793,992	771	1.00	46,793,992	86
87	Total	\$ 535,284,822			\$ 1,249,817,192	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 376 - Mains - Plastic			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	0	0.00	\$ 0	1
2	1931	0	0	0.00	0	2
3	1932	0	0	0.00	0	3
4	1933	0	0	0.00	0	4
5	1934	0	0	0.00	0	5
6	1935	0	0	0.00	0	6
7	1936	0	0	0.00	0	7
8	1937	0	0	0.00	0	8
9	1938	0	0	0.00	0	9
10	1939	0	0	0.00	0	10
11	1940	0	0	0.00	0	11
12	1941	0	0	0.00	0	12
13	1942	0	0	0.00	0	13
14	1943	0	0	0.00	0	14
15	1944	0	0	0.00	0	15
16	1945	0	0	0.00	0	16
17	1946	0	0	0.00	0	17
18	1947	0	0	0.00	0	18
19	1948	0	0	0.00	0	19
20	1949	0	0	0.00	0	20
21	1950	0	0	0.00	0	21
22	1951	0	0	0.00	0	22
23	1952	0	0	0.00	0	23
24	1953	0	0	0.00	0	24
25	1954	0	0	0.00	0	25
26	1955	0	0	0.00	0	26
27	1956	0	0	0.00	0	27
28	1957	0	0	0.00	0	28
29	1958	0	0	0.00	0	29
30	1959	0	0	0.00	0	30
31	1960	0	0	0.00	0	31
32	1961	0	0	0.00	0	32
33	1962	576,678	71	7.07	4,077,113	33
34	1963	369,192	72	6.97	2,573,268	34
35	1964	418,035	73	6.88	2,876,081	35
36	1965	269,240	74	6.78	1,825,447	36
37	1966	859,025	76	6.61	5,678,155	37
38	1967	998,825	79	6.35	6,342,539	38
39	1968	471,801	81	6.20	2,925,166	39
40	1969	923,867	84	5.98	5,524,725	40
41	1970	543,894	87	5.77	3,138,268	41
42	1971	1,275,219	92	5.46	6,962,696	42
43	1972	1,845,934	96	5.23	9,654,235	43
44	1973	1,226,642	100	5.02	6,157,743	44
45	1974	1,393,144	112	4.48	6,241,285	45
46	1975	1,026,746	130	3.86	3,963,240	46
47	1976	413,740	137	3.66	1,514,288	47
48	1977	676,743	147	3.41	2,307,694	48
49	1978	262,913	158	3.18	836,063	49
50	1979	653,075	174	2.89	1,887,387	50
51	1980	1,054,311	193	2.60	2,741,209	51
52	1981	1,673,408	209	2.40	4,016,179	52
53	1982	1,966,806	224	2.24	4,405,645	53
54	1983	3,916,825	232	2.16	8,460,342	54
55	1984	5,925,527	236	2.13	12,621,373	55
56	1985	4,842,667	235	2.14	10,363,307	56
57	1986	15,967,894	238	2.11	33,692,256	57
58	1987	17,505,601	245	2.05	35,886,482	58
59	1988	19,878,607	256	1.96	38,962,070	59
60	1989	15,631,971	273	1.84	28,762,827	60
61	1990	21,321,505	281	1.79	38,165,494	61
62	1991	6,550,659	288	1.74	11,398,147	62
63	1992	9,726,150	290	1.73	16,826,240	63
64	1993	22,863,544	297	1.69	38,639,389	64
65	1994	27,247,804	302	1.66	45,231,355	65
66	1995	33,334,521	305	1.65	55,001,960	66
67	1996	31,823,930	313	1.60	50,918,288	67
68	1997	27,800,784	319	1.57	43,647,231	68
69	1998	32,227,177	324	1.55	49,952,124	69
70	1999	40,813,738	329	1.53	62,445,019	70
71	2000	42,551,264	336	1.49	63,401,383	71
72	2001	45,018,996	344	1.46	65,727,734	72
73	2002	47,573,213	350	1.43	68,029,695	73
74	2003	40,403,766	356	1.41	56,969,310	74
75	2004	48,120,856	368	1.36	65,444,364	75
76	2005	36,198,817	391	1.28	46,334,486	76
77	2006	41,779,621	411	1.22	50,971,138	77
78	2007	39,429,679	431	1.16	45,738,428	78
79	2008	34,326,580	451	1.11	38,102,504	79
80	2009	25,911,713	468	1.07	27,725,533	80
81	2010	43,233,839	460	1.09	47,124,885	81
82	2011	65,782,402	475	1.06	69,729,346	82
83	2012	43,210,206	492	1.02	44,074,410	83
84	2013	64,482,487	494	1.02	65,772,137	84
85	2014	81,129,226	497	1.01	81,940,518	85
86	2015	60,188,333	502	1.00	60,188,333	86
87	Total	<u>\$ 1,115,619,140</u>			<u>\$ 1,563,896,534</u>	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Account 378 - Measuring and Regulating Equipment - Gen.						
Line No.	Year Installed	Original Cost Total Arizona	H - W Index	Ratio To Current Index	RCN Total Arizona	Line No.
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	24	27.46	\$ 0	1
2	1931	0	24	27.46	0	2
3	1932	0	23	28.65	0	3
4	1933	0	22	29.95	0	4
5	1934	0	22	29.95	0	5
6	1935	0	22	29.95	0	6
7	1936	9	22	29.95	273	7
8	1937	0	24	27.46	0	8
9	1938	0	24	27.46	0	9
10	1939	0	24	27.46	0	10
11	1940	0	26	25.35	0	11
12	1941	0	26	25.35	0	12
13	1942	0	26	25.35	0	13
14	1943	0	26	25.35	0	14
15	1944	0	26	25.35	0	15
16	1945	0	26	25.35	0	16
17	1946	0	29	22.72	0	17
18	1947	0	34	19.38	0	18
19	1948	0	37	17.81	0	19
20	1949	0	39	16.90	0	20
21	1950	0	40	16.48	0	21
22	1951	0	44	14.98	0	22
23	1952	0	45	14.64	0	23
24	1953	0	46	14.33	0	24
25	1954	0	47	14.02	0	25
26	1955	0	49	13.45	0	26
27	1956	936	54	12.20	11,419	27
28	1957	250	57	11.56	2,890	28
29	1958	3,672	60	10.98	40,319	29
30	1959	9,479	62	10.63	100,762	30
31	1960	990	64	10.30	10,197	31
32	1961	2,245	64	10.30	23,124	32
33	1962	594	66	9.98	5,928	33
34	1963	694	67	9.84	6,829	34
35	1964	3,436	68	9.69	33,295	35
36	1965	8,609	68	9.69	83,421	36
37	1966	17,644	70	9.41	166,030	37
38	1967	1,213	72	9.15	11,099	38
39	1968	5,822	73	9.03	52,573	39
40	1969	9,130	76	8.67	79,157	40
41	1970	6,393	83	7.94	50,760	41
42	1971	20,532	90	7.32	150,294	42
43	1972	100,825	97	6.79	684,602	43
44	1973	5,885	100	6.59	38,782	44
45	1974	21,401	116	5.68	121,558	45
46	1975	8,724	135	4.88	42,573	46
47	1976	1,090	148	4.45	4,851	47
48	1977	9,578	158	4.17	39,940	48
49	1978	46,157	173	3.81	175,858	49
50	1979	19,178	187	3.52	67,507	50
51	1980	38,905	203	3.25	126,441	51
52	1981	7,960	224	2.94	23,402	52
53	1982	84,772	246	2.68	227,189	53
54	1983	147,200	246	2.68	394,496	54
55	1984	136,529	248	2.66	363,167	55
56	1985	7,674	243	2.71	20,797	56
57	1986	136,210	243	2.71	369,129	57
58	1987	62,763	250	2.64	165,694	58
59	1988	158,270	267	2.47	390,927	59
60	1989	47,222	278	2.37	111,916	60
61	1990	136,206	276	2.39	325,532	61
62	1991	81,512	279	2.36	192,368	62
63	1992	485,462	288	2.29	1,111,708	63
64	1993	720,654	298	2.21	1,592,645	64
65	1994	1,267,403	310	2.13	2,699,568	65
66	1995	1,059,084	313	2.11	2,234,667	66
67	1996	1,121,868	323	2.04	2,288,611	67
68	1997	532,775	332	1.98	1,054,895	68
69	1998	1,709,683	335	1.97	3,368,076	69
70	1999	4,049,414	342	1.93	7,815,369	70
71	2000	882,288	352	1.87	1,649,879	71
72	2001	1,868,893	358	1.84	3,438,763	72
73	2002	2,889,432	363	1.82	5,258,766	73
74	2003	1,329,918	365	1.81	2,407,152	74
75	2004	2,476,202	422	1.56	3,862,875	75
76	2005	1,791,347	480	1.37	2,454,145	76
77	2006	4,024,931	494	1.33	5,353,158	77
78	2007	4,344,837	497	1.33	5,778,633	78
79	2008	2,441,564	544	1.21	2,954,292	79
80	2009	4,438,307	544	1.21	5,370,351	80
81	2010	9,681,001	556	1.19	11,520,391	81
82	2011	5,104,433	632	1.04	5,308,610	82
83	2012	4,172,736	663	0.99	4,131,009	83
84	2013	3,098,117	650	1.01	3,129,098	84
85	2014	3,315,017	664	0.99	3,281,867	85
86	2015	<u>7,382,611</u>	659	1.00	<u>7,382,611</u>	86
87	Total	\$ <u>71,537,686</u>			\$ <u>100,162,238</u>	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 380 - Services - Steel			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 7,315	16	36.13	\$ 264,291	1
2	1931	0	15	38.53	0	2
3	1932	85	15	38.53	3,275	3
4	1933	0	14	41.29	0	4
5	1934	14	15	38.53	539	5
6	1935	0	15	38.53	0	6
7	1936	0	16	36.13	0	7
8	1937	0	17	34.00	0	8
9	1938	48	17	34.00	1,632	9
10	1939	2,686	17	34.00	91,324	10
11	1940	42	18	32.11	1,349	11
12	1941	4,543	18	32.11	145,876	12
13	1942	11,142	19	30.42	338,940	13
14	1943	737	19	30.42	22,420	14
15	1944	15,665	19	30.42	476,529	15
16	1945	32,662	19	30.42	993,578	16
17	1946	69,864	22	26.27	1,835,327	17
18	1947	128,433	25	23.12	2,969,371	18
19	1948	226,221	28	20.64	4,669,201	19
20	1949	75,748	30	19.27	1,459,664	20
21	1950	294,827	32	18.06	5,324,576	21
22	1951	405,989	33	17.52	7,112,927	22
23	1952	474,782	35	16.51	7,838,651	23
24	1953	355,522	37	15.62	5,553,254	24
25	1954	338,577	39	14.82	5,017,711	25
26	1955	971,532	41	14.10	13,698,601	26
27	1956	574,527	45	12.84	7,376,927	27
28	1957	616,233	48	12.04	7,419,445	28
29	1958	590,640	50	11.56	6,827,798	29
30	1959	252,255	53	10.91	2,752,102	30
31	1960	8,833	54	10.70	94,513	31
32	1961	26,716	58	9.97	266,359	32
33	1962	25,110	60	9.63	241,809	33
34	1963	20,786	60	9.63	200,169	34
35	1964	7,343	63	9.17	67,335	35
36	1965	42,067	64	9.03	379,865	36
37	1966	17,266	66	8.76	151,250	37
38	1967	8,335	69	8.38	69,847	38
39	1968	5,279	72	8.03	42,390	39
40	1969	1,503	77	7.51	11,288	40
41	1970	282,883	84	6.88	1,946,235	41
42	1971	5,325	90	6.42	34,187	42
43	1972	42,693	95	6.08	259,573	43
44	1973	30,838	100	5.78	178,244	44
45	1974	61,007	113	5.12	312,356	45
46	1975	6,198	129	4.48	27,767	46
47	1976	5,226	138	4.19	21,897	47
48	1977	11,050	149	3.88	42,874	48
49	1978	2,958	161	3.59	10,619	49
50	1979	112,374	176	3.28	368,587	50
51	1980	214,208	192	3.01	644,766	51
52	1981	230,380	208	2.78	640,456	52
53	1982	18,594	226	2.56	47,601	53
54	1983	388,399	232	2.49	967,114	54
55	1984	195,623	237	2.44	477,320	55
56	1985	29,632	234	2.47	73,191	56
57	1986	29,721	233	2.48	73,708	57
58	1987	9,282	241	2.40	22,277	58
59	1988	14,988	246	2.35	35,222	59
60	1989	11,228	251	2.30	25,824	60
61	1990	97,585	262	2.21	215,663	61
62	1991	89,365	272	2.13	190,347	62
63	1992	80,708	278	2.08	167,873	63
64	1993	1,132,442	285	2.03	2,298,857	64
65	1994	449,799	293	1.97	886,104	65
66	1995	707,910	292	1.98	1,401,662	66
67	1996	250,702	296	1.95	488,869	67
68	1997	297,677	301	1.92	571,540	68
69	1998	553,809	306	1.89	1,046,699	69
70	1999	250,642	313	1.85	463,688	70
71	2000	210,160	323	1.79	376,186	71
72	2001	267,766	331	1.75	468,591	72
73	2002	301,012	338	1.71	514,731	73
74	2003	286,624	347	1.67	478,662	74
75	2004	395,639	382	1.51	597,415	75
76	2005	185,020	426	1.36	251,627	76
77	2006	79,500	436	1.33	105,735	77
78	2007	317,105	435	1.33	421,750	78
79	2008	223,369	473	1.22	272,510	79
80	2009	296,971	485	1.19	353,395	80
81	2010	122,700	502	1.15	141,105	81
82	2011	189,804	541	1.07	203,090	82
83	2012	157,478	575	1.01	159,053	83
84	2013	315,053	576	1.00	315,053	84
85	2014	505,452	582	0.99	500,397	85
86	2015	248,648	578	1.00	248,648	86
87	Total	\$ 15,328,874			\$ 103,069,201	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 380 - Services - Plastic			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	0	0.00	\$ 0	1
2	1931	0	0	0.00	0	2
3	1932	0	0	0.00	0	3
4	1933	0	0	0.00	0	4
5	1934	0	0	0.00	0	5
6	1935	0	0	0.00	0	6
7	1936	0	0	0.00	0	7
8	1937	0	0	0.00	0	8
9	1938	0	0	0.00	0	9
10	1939	0	0	0.00	0	10
11	1940	0	0	0.00	0	11
12	1941	0	0	0.00	0	12
13	1942	0	0	0.00	0	13
14	1943	0	0	0.00	0	14
15	1944	0	0	0.00	0	15
16	1945	0	0	0.00	0	16
17	1946	0	0	0.00	0	17
18	1947	0	0	0.00	0	18
19	1948	0	0	0.00	0	19
20	1949	0	0	0.00	0	20
21	1950	0	0	0.00	0	21
22	1951	0	0	0.00	0	22
23	1952	0	0	0.00	0	23
24	1953	22,485	45	10.80	242,838	24
25	1954	18,849	46	10.57	199,234	25
26	1955	82,046	47	10.34	848,356	26
27	1956	64,831	49	9.92	643,124	27
28	1957	138,206	52	9.35	1,292,226	28
29	1958	173,415	54	9.00	1,560,735	29
30	1959	423,986	56	8.68	3,680,198	30
31	1960	164,379	57	8.53	1,402,153	31
32	1961	202,423	59	8.24	1,667,966	32
33	1962	371,089	61	7.97	2,957,579	33
34	1963	386,650	62	7.84	3,031,336	34
35	1964	332,935	64	7.59	2,526,977	35
36	1965	364,118	65	7.48	2,723,603	36
37	1966	287,694	68	7.15	2,057,012	37
38	1967	323,112	71	6.85	2,213,317	38
39	1968	204,690	74	6.57	1,344,813	39
40	1969	3,540	78	6.23	22,054	40
41	1970	56,829	84	5.79	329,040	41
42	1971	104,883	89	5.46	572,661	42
43	1972	259,782	95	5.12	1,330,084	43
44	1973	150,052	100	4.86	729,253	44
45	1974	695,979	111	4.38	3,048,388	45
46	1975	152,762	127	3.83	585,078	46
47	1976	164,401	134	3.63	596,776	47
48	1977	139,080	144	3.38	470,090	48
49	1978	81,833	155	3.14	256,956	49
50	1979	1,072,604	170	2.86	3,067,647	50
51	1980	1,391,831	184	2.64	3,674,434	51
52	1981	1,686,235	197	2.47	4,165,000	52
53	1982	1,365,296	218	2.23	3,044,610	53
54	1983	14,709,213	227	2.14	31,477,716	54
55	1984	15,837,541	230	2.11	33,417,212	55
56	1985	9,332,020	226	2.15	20,063,843	56
57	1986	18,969,169	230	2.11	40,024,947	57
58	1987	16,773,183	236	2.06	34,552,757	58
59	1988	16,226,561	240	2.03	32,939,919	59
60	1989	11,767,368	247	1.97	23,181,715	60
61	1990	15,562,112	256	1.90	29,568,013	61
62	1991	7,033,810	265	1.83	12,871,872	62
63	1992	11,802,482	269	1.81	21,362,492	63
64	1993	15,261,695	277	1.75	26,707,966	64
65	1994	22,023,581	281	1.73	38,100,795	65
66	1995	24,434,141	279	1.74	42,515,405	66
67	1996	29,011,624	287	1.69	49,029,645	67
68	1997	25,831,741	292	1.66	42,880,690	68
69	1998	26,441,304	297	1.64	43,363,739	69
70	1999	32,790,081	304	1.60	52,464,130	70
71	2000	29,352,693	312	1.56	45,790,201	71
72	2001	30,311,328	323	1.50	45,466,992	72
73	2002	30,971,814	333	1.46	45,218,848	73
74	2003	30,235,418	339	1.43	43,236,648	74
75	2004	30,229,955	348	1.40	42,321,937	75
76	2005	28,114,583	364	1.34	37,673,541	76
77	2006	36,883,481	377	1.29	47,579,690	77
78	2007	29,602,152	392	1.24	36,706,668	78
79	2008	28,588,452	411	1.18	33,734,373	79
80	2009	21,971,178	432	1.13	24,827,431	80
81	2010	26,615,918	440	1.10	29,277,510	81
82	2011	20,901,869	454	1.07	22,365,000	82
83	2012	25,666,962	469	1.04	26,693,640	83
84	2013	27,549,725	473	1.03	28,376,217	84
85	2014	38,178,753	481	1.01	38,560,541	85
86	2015	57,826,833	486	1.00	57,826,833	86
87	Total	\$ 817,694,755			\$ 1,230,462,464	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed	Account 381 - Meters, Regulators, and Installations			RCN Total Arizona	Line No.
		Original Cost Total Arizona	H - W Index	Ratio To Current Index		
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 37,986	27	13.78	\$ 523,447	1
2	1931	164	26	14.31	2,347	2
3	1932	102	25	14.88	1,518	3
4	1933	143	25	14.88	2,128	4
5	1934	553	25	14.88	8,229	5
6	1935	842	25	14.88	12,529	6
7	1936	70,611	25	14.88	1,050,692	7
8	1937	12,226	26	14.31	174,954	8
9	1938	6,255	26	14.31	89,509	9
10	1939	3,175	26	14.31	45,434	10
11	1940	5,277	26	14.31	75,514	11
12	1941	12,457	26	14.31	178,260	12
13	1942	12,421	26	14.31	177,745	13
14	1943	11,448	26	14.31	163,821	14
15	1944	6,727	26	14.31	96,263	15
16	1945	7,626	26	14.31	109,128	16
17	1946	20,601	33	11.27	232,173	17
18	1947	47,991	41	9.07	435,278	18
19	1948	95,628	42	8.86	847,264	19
20	1949	82,589	45	8.27	683,011	20
21	1950	64,587	48	7.75	500,549	21
22	1951	99,071	55	6.76	669,720	22
23	1952	76,465	55	6.76	516,903	23
24	1953	82,132	55	6.76	555,212	24
25	1954	46,816	55	6.76	316,476	25
26	1955	54,776	56	6.64	363,713	26
27	1956	81,807	63	5.90	482,661	27
28	1957	78,699	66	5.64	443,862	28
29	1958	174,968	71	5.24	916,832	29
30	1959	113,123	71	5.24	592,765	30
31	1960	223,942	71	5.24	1,173,456	31
32	1961	133,005	73	5.10	678,326	32
33	1962	201,003	79	4.71	946,724	33
34	1963	199,766	79	4.71	940,898	34
35	1964	74,966	79	4.71	353,090	35
36	1965	96,657	79	4.71	455,254	36
37	1966	63,387	86	4.33	274,466	37
38	1967	80,165	88	4.23	339,098	38
39	1968	96,499	88	4.23	408,191	39
40	1969	93,884	89	4.18	392,435	40
41	1970	165,343	94	3.96	654,758	41
42	1971	308,267	100	3.72	1,146,753	42
43	1972	411,492	100	3.72	1,530,750	43
44	1973	471,027	100	3.72	1,752,220	44
45	1974	512,586	111	3.35	1,717,163	45
46	1975	273,765	128	2.91	796,656	46
47	1976	267,694	131	2.84	760,251	47
48	1977	338,986	136	2.74	928,822	48
49	1978	201,804	139	2.68	540,835	49
50	1979	591,229	143	2.60	1,537,195	50
51	1980	1,028,715	149	2.50	2,571,788	51
52	1981	834,075	158	2.35	1,960,076	52
53	1982	942,316	158	2.35	2,214,443	53
54	1983	2,748,186	146	2.55	7,007,874	54
55	1984	1,591,737	147	2.53	4,027,095	55
56	1985	2,560,015	158	2.35	6,016,035	56
57	1986	1,225,038	166	2.24	2,744,085	57
58	1987	1,430,416	165	2.25	3,218,436	58
59	1988	2,993,822	170	2.19	6,556,470	59
60	1989	3,207,901	177	2.10	6,736,592	60
61	1990	2,365,756	185	2.01	4,755,170	61
62	1991	3,556,489	190	1.96	6,970,718	62
63	1992	2,094,338	192	1.94	4,063,016	63
64	1993	264,184	191	1.95	515,159	64
65	1994	6,388,685	189	1.97	12,585,709	65
66	1995	5,100,068	190	1.96	9,996,133	66
67	1996	4,936,142	192	1.94	9,576,115	67
68	1997	4,868,061	196	1.90	9,249,316	68
69	1998	5,414,401	196	1.90	10,287,362	69
70	1999	9,493,264	193	1.93	18,322,000	70
71	2000	7,460,100	202	1.84	13,726,584	71
72	2001	8,587,050	209	1.78	15,284,949	72
73	2002	10,087,240	203	1.83	18,459,649	73
74	2003	11,400,262	191	1.95	22,230,511	74
75	2004	14,856,998	183	2.03	30,159,706	75
76	2005	14,194,901	186	2.00	28,389,802	76
77	2006	36,202,021	197	1.89	68,421,820	77
78	2007	27,653,972	226	1.65	45,629,054	78
79	2008	13,537,855	251	1.48	20,036,025	79
80	2009	5,526,702	257	1.45	8,013,718	80
81	2010	3,860,201	254	1.46	5,635,893	81
82	2011	3,718,160	256	1.45	5,391,332	82
83	2012	15,594,096	268	1.39	21,675,793	83
84	2013	13,793,396	295	1.26	17,379,679	84
85	2014	10,840,054	352	1.06	11,490,457	85
86	2015	25,904,884	372	1.00	25,904,884	86
87	Total	\$ 292,374,234			\$ 514,798,726	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Account 385 - Measuring and Regulating Equipment - Ind.						
Line No.	Year Installed	Original Cost Total Arizona	H - W Index	Ratio To Current Index	RCN Total Arizona	Line No.
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	24	27.46	\$ 0	1
2	1931	0	24	27.46	0	2
3	1932	0	23	28.65	0	3
4	1933	0	22	29.95	0	4
5	1934	0	22	29.95	0	5
6	1935	0	22	29.95	0	6
7	1936	0	22	29.95	0	7
8	1937	0	24	27.46	0	8
9	1938	0	24	27.46	0	9
10	1939	0	24	27.46	0	10
11	1940	0	26	25.35	0	11
12	1941	0	26	25.35	0	12
13	1942	0	26	25.35	0	13
14	1943	0	26	25.35	0	14
15	1944	0	26	25.35	0	15
16	1945	0	26	25.35	0	16
17	1946	0	29	22.72	0	17
18	1947	0	34	19.38	0	18
19	1948	0	37	17.81	0	19
20	1949	0	39	16.90	0	20
21	1950	0	40	16.48	0	21
22	1951	0	44	14.98	0	22
23	1952	0	45	14.64	0	23
24	1953	0	46	14.33	0	24
25	1954	0	47	14.02	0	25
26	1955	0	49	13.45	0	26
27	1956	0	54	12.20	0	27
28	1957	0	57	11.56	0	28
29	1958	0	60	10.98	0	29
30	1959	0	62	10.63	0	30
31	1960	0	64	10.30	0	31
32	1961	0	64	10.30	0	32
33	1962	0	66	9.98	0	33
34	1963	0	67	9.84	0	34
35	1964	0	68	9.69	0	35
36	1965	0	68	9.69	0	36
37	1966	0	70	9.41	0	37
38	1967	0	72	9.15	0	38
39	1968	57,113	73	9.03	515,730	39
40	1969	0	76	8.67	0	40
41	1970	0	83	7.94	0	41
42	1971	0	90	7.32	0	42
43	1972	21,891	97	6.79	148,640	43
44	1973	32,288	100	6.59	212,778	44
45	1974	103,218	116	5.68	586,278	45
46	1975	76,790	135	4.88	374,735	46
47	1976	45,302	148	4.45	201,594	47
48	1977	16,356	158	4.17	68,205	48
49	1978	17,162	173	3.81	65,387	49
50	1979	31,941	187	3.52	112,432	50
51	1980	123,098	203	3.25	400,069	51
52	1981	102,045	224	2.94	300,012	52
53	1982	140,659	246	2.68	376,966	53
54	1983	172,078	246	2.68	461,169	54
55	1984	351,673	248	2.66	935,450	55
56	1985	61,717	243	2.71	167,253	56
57	1986	156,319	243	2.71	423,624	57
58	1987	14,460	250	2.64	38,174	58
59	1988	164,131	267	2.47	405,404	59
60	1989	90,436	278	2.37	214,333	60
61	1990	52,403	276	2.39	125,243	61
62	1991	61,230	279	2.36	144,503	62
63	1992	35,239	288	2.29	80,697	63
64	1993	211,469	298	2.21	467,346	64
65	1994	279,547	310	2.13	595,435	65
66	1995	330,778	313	2.11	697,942	66
67	1996	469,941	323	2.04	958,680	67
68	1997	553,319	332	1.98	1,095,572	68
69	1998	682,982	335	1.97	1,345,475	69
70	1999	521,190	342	1.93	1,005,897	70
71	2000	192,335	352	1.87	359,666	71
72	2001	289,260	358	1.84	532,238	72
73	2002	347,407	363	1.82	632,281	73
74	2003	227,381	365	1.81	411,560	74
75	2004	344,321	422	1.56	537,141	75
76	2005	381,770	480	1.37	523,025	76
77	2006	323,046	494	1.33	429,651	77
78	2007	459,153	497	1.33	610,673	78
79	2008	613,533	544	1.21	742,375	79
80	2009	2,161,353	544	1.21	2,615,237	80
81	2010	300,863	556	1.19	358,027	81
82	2011	253,334	632	1.04	263,467	82
83	2012	168,722	663	0.99	167,035	83
84	2013	304,620	650	1.01	307,666	84
85	2014	330,682	664	0.99	327,375	85
86	2015	139,276	659	1.00	139,276	86
87	Total	\$ 11,813,831			\$ 21,481,716	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 387 - Other Distribution Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	24	27.46	\$ 0	1
2	1931	0	24	27.46	0	2
3	1932	0	23	28.65	0	3
4	1933	0	22	29.95	0	4
5	1934	0	22	29.95	0	5
6	1935	0	22	29.95	0	6
7	1936	0	22	29.95	0	7
8	1937	0	24	27.46	0	8
9	1938	0	24	27.46	0	9
10	1939	0	24	27.46	0	10
11	1940	0	26	25.35	0	11
12	1941	0	26	25.35	0	12
13	1942	0	26	25.35	0	13
14	1943	0	26	25.35	0	14
15	1944	0	26	25.35	0	15
16	1945	0	26	25.35	0	16
17	1946	0	29	22.72	0	17
18	1947	0	34	19.38	0	18
19	1948	0	37	17.81	0	19
20	1949	0	39	16.90	0	20
21	1950	0	40	16.48	0	21
22	1951	0	44	14.98	0	22
23	1952	0	45	14.64	0	23
24	1953	0	46	14.33	0	24
25	1954	0	47	14.02	0	25
26	1955	0	49	13.45	0	26
27	1956	0	54	12.20	0	27
28	1957	0	57	11.56	0	28
29	1958	0	60	10.98	0	29
30	1959	0	62	10.63	0	30
31	1960	0	64	10.30	0	31
32	1961	0	64	10.30	0	32
33	1962	0	66	9.98	0	33
34	1963	0	67	9.84	0	34
35	1964	0	68	9.69	0	35
36	1965	0	68	9.69	0	36
37	1966	0	70	9.41	0	37
38	1967	0	72	9.15	0	38
39	1968	0	73	9.03	0	39
40	1969	0	76	8.67	0	40
41	1970	0	83	7.94	0	41
42	1971	0	90	7.32	0	42
43	1972	0	97	6.79	0	43
44	1973	0	100	6.59	0	44
45	1974	0	116	5.68	0	45
46	1975	2,619	135	4.88	12,781	46
47	1976	0	148	4.45	0	47
48	1977	0	158	4.17	0	48
49	1978	0	173	3.81	0	49
50	1979	35,268	187	3.52	124,143	50
51	1980	34,199	203	3.25	111,147	51
52	1981	88,691	224	2.94	260,752	52
53	1982	254,179	246	2.68	681,200	53
54	1983	0	246	2.68	0	54
55	1984	12,674	248	2.66	33,713	55
56	1985	0	243	2.71	0	56
57	1986	4,468	243	2.71	12,108	57
58	1987	0	250	2.64	0	58
59	1988	0	267	2.47	0	59
60	1989	0	278	2.37	0	60
61	1990	0	276	2.39	0	61
62	1991	0	279	2.36	0	62
63	1992	0	288	2.29	0	63
64	1993	0	298	2.21	0	64
65	1994	0	310	2.13	0	65
66	1995	0	313	2.11	0	66
67	1996	0	323	2.04	0	67
68	1997	0	332	1.98	0	68
69	1998	0	335	1.97	0	69
70	1999	0	342	1.93	0	70
71	2000	0	352	1.87	0	71
72	2001	0	358	1.84	0	72
73	2002	0	363	1.82	0	73
74	2003	0	365	1.81	0	74
75	2004	0	422	1.56	0	75
76	2005	0	480	1.37	0	76
77	2006	0	494	1.33	0	77
78	2007	0	497	1.33	0	78
79	2008	0	544	1.21	0	79
80	2009	0	544	1.21	0	80
81	2010	0	556	1.19	0	81
82	2011	0	632	1.04	0	82
83	2012	0	663	0.99	0	83
84	2013	0	650	1.01	0	84
85	2014	0	664	0.99	0	85
86	2015	0	659	1.00	0	86
87	Total	\$ 432,098			\$ 1,235,844	87

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Year Installed (a)	Account 389 - Land and Land Rights			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	1	1.00	\$ 0	1
2	1931	0	1	1.00	0	2
3	1932	0	1	1.00	0	3
4	1933	0	1	1.00	0	4
5	1934	0	1	1.00	0	5
6	1935	0	1	1.00	0	6
7	1936	0	1	1.00	0	7
8	1937	0	1	1.00	0	8
9	1938	0	1	1.00	0	9
10	1939	0	1	1.00	0	10
11	1940	0	1	1.00	0	11
12	1941	0	1	1.00	0	12
13	1942	0	1	1.00	0	13
14	1943	0	1	1.00	0	14
15	1944	0	1	1.00	0	15
16	1945	0	1	1.00	0	16
17	1946	0	1	1.00	0	17
18	1947	0	1	1.00	0	18
19	1948	0	1	1.00	0	19
20	1949	0	1	1.00	0	20
21	1950	0	1	1.00	0	21
22	1951	0	1	1.00	0	22
23	1952	0	1	1.00	0	23
24	1953	0	1	1.00	0	24
25	1954	0	1	1.00	0	25
26	1955	0	1	1.00	0	26
27	1956	0	1	1.00	0	27
28	1957	0	1	1.00	0	28
29	1958	0	1	1.00	0	29
30	1959	0	1	1.00	0	30
31	1960	0	1	1.00	0	31
32	1961	0	1	1.00	0	32
33	1962	0	1	1.00	0	33
34	1963	0	1	1.00	0	34
35	1964	0	1	1.00	0	35
36	1965	0	1	1.00	0	36
37	1966	0	1	1.00	0	37
38	1967	0	1	1.00	0	38
39	1968	0	1	1.00	0	39
40	1969	0	1	1.00	0	40
41	1970	27,505	1	1.00	27,505	41
42	1971	0	1	1.00	0	42
43	1972	0	1	1.00	0	43
44	1973	0	1	1.00	0	44
45	1974	0	1	1.00	0	45
46	1975	0	1	1.00	0	46
47	1976	0	1	1.00	0	47
48	1977	0	1	1.00	0	48
49	1978	0	1	1.00	0	49
50	1979	0	1	1.00	0	50
51	1980	573,337	1	1.00	573,337	51
52	1981	0	1	1.00	0	52
53	1982	0	1	1.00	0	53
54	1983	0	1	1.00	0	54
55	1984	792,870	1	1.00	792,870	55
56	1985	895,545	1	1.00	895,545	56
57	1986	355,216	1	1.00	355,216	57
58	1987	0	1	1.00	0	58
59	1988	0	1	1.00	0	59
60	1989	3,091,144	1	1.00	3,091,144	60
61	1990	0	1	1.00	0	61
62	1991	0	1	1.00	0	62
63	1992	0	1	1.00	0	63
64	1993	0	1	1.00	0	64
65	1994	0	1	1.00	0	65
66	1995	0	1	1.00	0	66
67	1996	0	1	1.00	0	67
68	1997	209,928	1	1.00	209,928	68
69	1998	0	1	1.00	0	69
70	1999	0	1	1.00	0	70
71	2000	0	1	1.00	0	71
72	2001	0	1	1.00	0	72
73	2002	0	1	1.00	0	73
74	2003	0	1	1.00	0	74
75	2004	0	1	1.00	0	75
76	2005	0	1	1.00	0	76
77	2006	0	1	1.00	0	77
78	2007	1,963,827	1	1.00	1,963,827	78
79	2008	6,724,780	1	1.00	6,724,780	79
80	2009	49,980	1	1.00	49,980	80
81	2010	19,406	1	1.00	19,406	81
82	2011	0	1	1.00	0	82
83	2012	0	1	1.00	0	83
84	2013	0	1	1.00	0	84
85	2014	1,507,492	1	1.00	1,507,492	85
86	2015	0	1	1.00	0	86
87	Total	\$ 16,211,030			\$ 16,211,030	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 390.1 - Structures and Improvements			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	19	23.26	\$ 0	1
2	1931	0	17	26.00	0	2
3	1932	0	16	27.63	0	3
4	1933	0	17	26.00	0	4
5	1934	0	19	23.26	0	5
6	1935	0	18	24.56	0	6
7	1936	0	19	23.26	0	7
8	1937	0	20	22.10	0	8
9	1938	0	20	22.10	0	9
10	1939	0	20	22.10	0	10
11	1940	0	20	22.10	0	11
12	1941	0	22	20.09	0	12
13	1942	0	23	19.22	0	13
14	1943	0	23	19.22	0	14
15	1944	0	24	18.42	0	15
16	1945	0	24	18.42	0	16
17	1946	0	27	16.37	0	17
18	1947	0	32	13.81	0	18
19	1948	0	36	12.28	0	19
20	1949	0	37	11.95	0	20
21	1950	0	39	11.33	0	21
22	1951	0	42	10.52	0	22
23	1952	0	44	10.05	0	23
24	1953	0	44	10.05	0	24
25	1954	0	46	9.61	0	25
26	1955	0	48	9.21	0	26
27	1956	0	52	8.50	0	27
28	1957	0	55	8.04	0	28
29	1958	0	57	7.75	0	29
30	1959	0	58	7.62	0	30
31	1960	0	59	7.49	0	31
32	1961	0	58	7.62	0	32
33	1962	0	59	7.49	0	33
34	1963	0	60	7.37	0	34
35	1964	0	61	7.25	0	35
36	1965	0	64	6.91	0	36
37	1966	0	65	6.80	0	37
38	1967	0	67	6.60	0	38
39	1968	0	71	6.23	0	39
40	1969	0	75	5.89	0	40
41	1970	0	79	5.59	0	41
42	1971	0	87	5.08	0	42
43	1972	0	93	4.75	0	43
44	1973	0	100	4.42	0	44
45	1974	0	118	3.75	0	45
46	1975	0	133	3.32	0	46
47	1976	0	138	3.20	0	47
48	1977	328,429	148	2.99	982,003	48
49	1978	2,837	161	2.75	7,802	49
50	1979	0	177	2.50	0	50
51	1980	3,483,323	194	2.28	7,941,976	51
52	1981	28,662	204	2.17	62,197	52
53	1982	0	207	2.14	0	53
54	1983	0	215	2.06	0	54
55	1984	2,435,643	224	1.97	4,798,217	55
56	1985	1,664,514	226	1.96	3,262,447	56
57	1986	1,019,279	231	1.91	1,946,823	57
58	1987	38,001	232	1.91	72,582	58
59	1988	4,726,343	233	1.90	8,980,052	59
60	1989	2,959,480	232	1.91	5,652,607	60
61	1990	152,713	237	1.86	284,046	61
62	1991	838,588	233	1.90	1,593,317	62
63	1992	22,642	238	1.86	42,114	63
64	1993	57,332	250	1.77	101,478	64
65	1994	0	261	1.69	0	65
66	1995	282,554	265	1.67	471,865	66
67	1996	49,401	176	2.51	123,997	67
68	1997	314,832	282	1.57	494,286	68
69	1998	205,884	285	1.55	319,120	69
70	1999	912,325	287	1.54	1,404,981	70
71	2000	300,426	295	1.50	450,639	71
72	2001	133,330	303	1.46	194,662	72
73	2002	301,334	310	1.43	430,908	73
74	2003	257,176	320	1.38	354,903	74
75	2004	304,893	342	1.29	393,312	75
76	2005	54,040	355	1.25	67,550	76
77	2006	97,332	364	1.21	117,772	77
78	2007	731,531	382	1.16	848,576	78
79	2008	797,245	398	1.11	884,942	79
80	2009	895,498	389	1.14	1,020,868	80
81	2010	1,124,273	399	1.11	1,247,943	81
82	2011	827,878	411	1.08	894,108	82
83	2012	6,194,950	422	1.05	6,504,698	83
84	2013	4,613,207	431	1.03	4,751,603	84
85	2014	10,958,104	440	1.00	10,958,104	85
86	2015	1,859,955	442	1.00	1,859,955	86
87	Total	\$ 48,973,954			\$ 69,522,453	87

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Account 390.2 - Leasehold Structures and Improvements						
Line No.	Year Installed	Original Cost Total Arizona	H - W Index	Ratio To Current Index	RCN Total Arizona	Line No.
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	19	23.26	\$ 0	1
2	1931	0	17	26.00	0	2
3	1932	0	16	27.63	0	3
4	1933	0	17	26.00	0	4
5	1934	0	19	23.26	0	5
6	1935	0	18	24.56	0	6
7	1936	0	19	23.26	0	7
8	1937	0	20	22.10	0	8
9	1938	0	20	22.10	0	9
10	1939	0	20	22.10	0	10
11	1940	0	20	22.10	0	11
12	1941	0	22	20.09	0	12
13	1942	0	23	19.22	0	13
14	1943	0	23	19.22	0	14
15	1944	0	24	18.42	0	15
16	1945	0	24	18.42	0	16
17	1946	0	27	16.37	0	17
18	1947	0	32	13.81	0	18
19	1948	0	36	12.28	0	19
20	1949	0	37	11.95	0	20
21	1950	0	39	11.33	0	21
22	1951	0	42	10.52	0	22
23	1952	0	44	10.05	0	23
24	1953	0	44	10.05	0	24
25	1954	0	46	9.61	0	25
26	1955	0	48	9.21	0	26
27	1956	0	52	8.50	0	27
28	1957	0	55	8.04	0	28
29	1958	0	57	7.75	0	29
30	1959	0	58	7.62	0	30
31	1960	0	59	7.49	0	31
32	1961	0	58	7.62	0	32
33	1962	0	59	7.49	0	33
34	1963	0	60	7.37	0	34
35	1964	0	61	7.25	0	35
36	1965	0	64	6.91	0	36
37	1966	0	65	6.80	0	37
38	1967	0	67	6.60	0	38
39	1968	0	71	6.23	0	39
40	1969	0	75	5.89	0	40
41	1970	0	79	5.59	0	41
42	1971	0	87	5.08	0	42
43	1972	0	93	4.75	0	43
44	1973	0	100	4.42	0	44
45	1974	0	118	3.75	0	45
46	1975	0	133	3.32	0	46
47	1976	0	138	3.20	0	47
48	1977	0	148	2.99	0	48
49	1978	0	161	2.75	0	49
50	1979	19,087	177	2.50	47,718	50
51	1980	0	194	2.28	0	51
52	1981	0	204	2.17	0	52
53	1982	0	207	2.14	0	53
54	1983	0	215	2.06	0	54
55	1984	0	224	1.97	0	55
56	1985	0	226	1.96	0	56
57	1986	0	231	1.91	0	57
58	1987	0	232	1.91	0	58
59	1988	0	233	1.90	0	59
60	1989	0	232	1.91	0	60
61	1990	0	237	1.86	0	61
62	1991	0	233	1.90	0	62
63	1992	0	238	1.86	0	63
64	1993	0	250	1.77	0	64
65	1994	0	261	1.69	0	65
66	1995	0	265	1.67	0	66
67	1996	0	176	2.51	0	67
68	1997	9,419	282	1.57	14,788	68
69	1998	0	285	1.55	0	69
70	1999	0	287	1.54	0	70
71	2000	0	295	1.50	0	71
72	2001	0	303	1.46	0	72
73	2002	0	310	1.43	0	73
74	2003	0	320	1.38	0	74
75	2004	10,805	342	1.29	13,938	75
76	2005	0	355	1.25	0	76
77	2006	0	364	1.21	0	77
78	2007	0	382	1.16	0	78
79	2008	0	398	1.11	0	79
80	2009	0	389	1.14	0	80
81	2010	0	399	1.11	0	81
82	2011	0	411	1.08	0	82
83	2012	0	422	1.05	0	83
84	2013	7,916	431	1.03	8,153	84
85	2014	0	440	1.00	0	85
86	2015	0	442	1.00	0	86
87	Total	\$ 47,227			\$ 84,597	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 391 - Office Furniture and Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	11	39.00	\$ 0	1
2	1931	0	11	39.00	0	2
3	1932	0	11	39.00	0	3
4	1933	0	11	39.00	0	4
5	1934	0	11	39.00	0	5
6	1935	0	11	39.00	0	6
7	1936	0	12	35.75	0	7
8	1937	0	13	33.00	0	8
9	1938	0	13	33.00	0	9
10	1939	0	13	33.00	0	10
11	1940	0	13	33.00	0	11
12	1941	0	13	33.00	0	12
13	1942	0	15	28.60	0	13
14	1943	0	15	28.60	0	14
15	1944	0	15	28.60	0	15
16	1945	0	16	26.81	0	16
17	1946	0	20	21.45	0	17
18	1947	0	23	18.65	0	18
19	1948	0	26	16.50	0	19
20	1949	0	26	16.50	0	20
21	1950	0	27	15.89	0	21
22	1951	0	29	14.79	0	22
23	1952	0	31	13.84	0	23
24	1953	0	33	13.00	0	24
25	1954	0	34	12.62	0	25
26	1955	0	36	11.92	0	26
27	1956	0	39	11.00	0	27
28	1957	0	41	10.46	0	28
29	1958	0	42	10.21	0	29
30	1959	0	45	9.53	0	30
31	1960	0	46	9.33	0	31
32	1961	0	51	8.41	0	32
33	1962	0	53	8.09	0	33
34	1963	0	55	7.80	0	34
35	1964	0	57	7.53	0	35
36	1965	0	60	7.15	0	36
37	1966	0	62	6.92	0	37
38	1967	0	66	6.50	0	38
39	1968	0	70	6.13	0	39
40	1969	0	74	5.80	0	40
41	1970	0	81	5.30	0	41
42	1971	0	87	4.93	0	42
43	1972	0	94	4.56	0	43
44	1973	0	100	4.29	0	44
45	1974	0	109	3.94	0	45
46	1975	0	123	3.49	0	46
47	1976	0	130	3.30	0	47
48	1977	0	141	3.04	0	48
49	1978	0	151	2.84	0	49
50	1979	0	164	2.62	0	50
51	1980	0	178	2.41	0	51
52	1981	0	186	2.31	0	52
53	1982	0	203	2.11	0	53
54	1983	0	209	2.05	0	54
55	1984	0	212	2.02	0	55
56	1985	1,081	211	2.03	2,194	56
57	1986	0	218	1.97	0	57
58	1987	1,272	226	1.90	2,417	58
59	1988	0	219	1.96	0	59
60	1989	0	213	2.01	0	60
61	1990	0	228	1.88	0	61
62	1991	0	242	1.77	0	62
63	1992	0	249	1.72	0	63
64	1993	15,391	260	1.65	25,395	64
65	1994	0	257	1.67	0	65
66	1995	0	246	1.74	0	66
67	1996	0	250	1.72	0	67
68	1997	58,745	251	1.71	100,454	68
69	1998	73,450	254	1.69	124,131	69
70	1999	17,337	261	1.64	28,433	70
71	2000	393,360	268	1.60	629,376	71
72	2001	32,959	280	1.53	50,427	72
73	2002	495,406	289	1.48	733,201	73
74	2003	12,036	293	1.46	17,573	74
75	2004	192,535	298	1.44	277,250	75
76	2005	8,828	303	1.42	12,536	76
77	2006	140,746	305	1.41	198,452	77
78	2007	1,199,293	317	1.35	1,619,046	78
79	2008	206,478	337	1.27	262,227	79
80	2009	555,580	359	1.19	661,140	80
81	2010	266,230	375	1.14	303,502	81
82	2011	570,549	387	1.11	633,309	82
83	2012	3,136	405	1.06	3,324	83
84	2013	94,153	412	1.04	97,919	84
85	2014	296,387	427	1.00	296,387	85
86	2015	463,196	429	1.00	463,196	86
87	Total	\$ 5,098,148			\$ 6,541,889	87

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Year Installed (a)	Account 391.1 - Computer Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	11	39.00	\$ 0	1
2	1931	0	11	39.00	0	2
3	1932	0	11	39.00	0	3
4	1933	0	11	39.00	0	4
5	1934	0	11	39.00	0	5
6	1935	0	11	39.00	0	6
7	1936	0	12	35.75	0	7
8	1937	0	13	33.00	0	8
9	1938	0	13	33.00	0	9
10	1939	0	13	33.00	0	10
11	1940	0	13	33.00	0	11
12	1941	0	13	33.00	0	12
13	1942	0	15	28.60	0	13
14	1943	0	15	28.60	0	14
15	1944	0	15	28.60	0	15
16	1945	0	16	26.81	0	16
17	1946	0	20	21.45	0	17
18	1947	0	23	18.65	0	18
19	1948	0	26	16.50	0	19
20	1949	0	26	16.50	0	20
21	1950	0	27	15.89	0	21
22	1951	0	29	14.79	0	22
23	1952	0	31	13.84	0	23
24	1953	0	33	13.00	0	24
25	1954	0	34	12.62	0	25
26	1955	0	36	11.92	0	26
27	1956	0	39	11.00	0	27
28	1957	0	41	10.46	0	28
29	1958	0	42	10.21	0	29
30	1959	0	45	9.53	0	30
31	1960	0	46	9.33	0	31
32	1961	0	51	8.41	0	32
33	1962	0	53	8.09	0	33
34	1963	0	55	7.80	0	34
35	1964	0	57	7.53	0	35
36	1965	0	60	7.15	0	36
37	1966	0	62	6.92	0	37
38	1967	0	66	6.50	0	38
39	1968	0	70	6.13	0	39
40	1969	0	74	5.80	0	40
41	1970	0	81	5.30	0	41
42	1971	0	87	4.93	0	42
43	1972	0	94	4.56	0	43
44	1973	0	100	4.29	0	44
45	1974	0	109	3.94	0	45
46	1975	0	123	3.49	0	46
47	1976	0	130	3.30	0	47
48	1977	0	141	3.04	0	48
49	1978	0	151	2.84	0	49
50	1979	0	164	2.62	0	50
51	1980	0	178	2.41	0	51
52	1981	0	186	2.31	0	52
53	1982	0	203	2.11	0	53
54	1983	0	209	2.05	0	54
55	1984	0	212	2.02	0	55
56	1985	0	211	2.03	0	56
57	1986	0	218	1.97	0	57
58	1987	0	226	1.90	0	58
59	1988	0	219	1.96	0	59
60	1989	0	213	2.01	0	60
61	1990	0	228	1.88	0	61
62	1991	0	242	1.77	0	62
63	1992	0	249	1.72	0	63
64	1993	0	260	1.65	0	64
65	1994	0	257	1.67	0	65
66	1995	0	246	1.74	0	66
67	1996	0	250	1.72	0	67
68	1997	0	251	1.71	0	68
69	1998	0	254	1.69	0	69
70	1999	0	261	1.64	0	70
71	2000	3,651	268	1.60	5,842	71
72	2001	0	280	1.53	0	72
73	2002	0	289	1.48	0	73
74	2003	39,830	293	1.46	58,152	74
75	2004	15,737	298	1.44	22,661	75
76	2005	0	303	1.42	0	76
77	2006	5,392	305	1.41	7,603	77
78	2007	276,607	317	1.35	373,419	78
79	2008	2,445,092	337	1.27	3,105,267	79
80	2009	490,622	359	1.19	583,840	80
81	2010	592,807	375	1.14	675,800	81
82	2011	1,348,182	387	1.11	1,496,482	82
83	2012	4,340,251	405	1.06	4,600,666	83
84	2013	4,735,770	412	1.04	4,925,201	84
85	2014	716,620	427	1.00	716,620	85
86	2015	2,074,647	429	1.00	2,074,647	86
87	Total	\$ 17,085,208			\$ 18,646,200	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 392.1 - Transportation Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	22	25.77	\$ 0	1
2	1931	0	20	28.35	0	2
3	1932	0	19	29.84	0	3
4	1933	0	19	29.84	0	4
5	1934	0	20	28.35	0	5
6	1935	0	21	27.00	0	6
7	1936	0	21	27.00	0	7
8	1937	0	23	24.65	0	8
9	1938	0	23	24.65	0	9
10	1939	0	23	24.65	0	10
11	1940	0	24	23.63	0	11
12	1941	0	25	22.68	0	12
13	1942	0	28	20.25	0	13
14	1943	0	29	19.55	0	14
15	1944	0	29	19.55	0	15
16	1945	0	29	19.55	0	16
17	1946	0	34	16.68	0	17
18	1947	0	37	15.32	0	18
19	1948	0	39	14.54	0	19
20	1949	0	40	14.18	0	20
21	1950	0	42	13.50	0	21
22	1951	0	45	12.60	0	22
23	1952	0	46	12.33	0	23
24	1953	0	49	11.57	0	24
25	1954	0	49	11.57	0	25
26	1955	0	51	11.12	0	26
27	1956	0	55	10.31	0	27
28	1957	0	59	9.61	0	28
29	1958	0	62	9.15	0	29
30	1959	0	64	8.86	0	30
31	1960	0	65	8.72	0	31
32	1961	0	67	8.46	0	32
33	1962	0	67	8.46	0	33
34	1963	0	68	8.34	0	34
35	1964	0	70	8.10	0	35
36	1965	0	71	7.99	0	36
37	1966	0	73	7.77	0	37
38	1967	0	76	7.46	0	38
39	1968	0	80	7.09	0	39
40	1969	0	84	6.75	0	40
41	1970	0	88	6.44	0	41
42	1971	0	93	6.10	0	42
43	1972	0	95	5.97	0	43
44	1973	0	100	5.67	0	44
45	1974	0	117	4.85	0	45
46	1975	0	141	4.02	0	46
47	1976	0	153	3.71	0	47
48	1977	0	164	3.46	0	48
49	1978	0	178	3.19	0	49
50	1979	0	197	2.88	0	50
51	1980	0	222	2.55	0	51
52	1981	0	246	2.30	0	52
53	1982	0	263	2.16	0	53
54	1983	0	269	2.11	0	54
55	1984	0	273	2.08	0	55
56	1985	0	276	2.05	0	56
57	1986	0	280	2.03	0	57
58	1987	0	286	1.98	0	58
59	1988	0	295	1.92	0	59
60	1989	0	281	2.02	0	60
61	1990	0	298	1.90	0	61
62	1991	0	320	1.77	0	62
63	1992	0	316	1.79	0	63
64	1993	0	324	1.75	0	64
65	1994	0	331	1.71	0	65
66	1995	0	333	1.70	0	66
67	1996	0	336	1.69	0	67
68	1997	0	351	1.62	0	68
69	1998	79,205	380	1.49	118,015	69
70	1999	97,399	385	1.47	143,177	70
71	2000	71,916	389	1.46	104,997	71
72	2001	378,348	390	1.45	548,605	72
73	2002	346,907	395	1.44	499,546	73
74	2003	571,033	401	1.41	805,157	74
75	2004	278,703	414	1.37	381,823	75
76	2005	565,499	439	1.29	729,494	76
77	2006	1,144,780	457	1.24	1,419,527	77
78	2007	2,759,284	469	1.21	3,338,734	78
79	2008	2,732,062	485	1.17	3,196,513	79
80	2009	4,401,499	501	1.13	4,973,694	80
81	2010	2,916,862	503	1.13	3,296,054	81
82	2011	5,435,384	516	1.10	5,978,922	82
83	2012	3,318,833	538	1.05	3,484,775	83
84	2013	4,505,019	551	1.03	4,640,170	84
85	2014	4,073,844	560	1.01	4,114,582	85
86	2015	3,335,109	567	1.00	3,335,109	86
87	Total	\$ 37,011,686			\$ 41,108,894	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 393 - Stores Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	22	25.77	\$ 0	1
2	1931	0	20	28.35	0	2
3	1932	0	19	29.84	0	3
4	1933	0	19	29.84	0	4
5	1934	0	20	28.35	0	5
6	1935	0	21	27.00	0	6
7	1936	0	21	27.00	0	7
8	1937	0	23	24.65	0	8
9	1938	0	23	24.65	0	9
10	1939	0	23	24.65	0	10
11	1940	0	24	23.63	0	11
12	1941	0	25	22.68	0	12
13	1942	0	28	20.25	0	13
14	1943	0	29	19.55	0	14
15	1944	0	29	19.55	0	15
16	1945	0	29	19.55	0	16
17	1946	0	34	16.68	0	17
18	1947	0	37	15.32	0	18
19	1948	0	39	14.54	0	19
20	1949	0	40	14.18	0	20
21	1950	0	42	13.50	0	21
22	1951	0	45	12.60	0	22
23	1952	0	46	12.33	0	23
24	1953	0	49	11.57	0	24
25	1954	0	49	11.57	0	25
26	1955	0	51	11.12	0	26
27	1956	0	55	10.31	0	27
28	1957	0	59	9.61	0	28
29	1958	0	62	9.15	0	29
30	1959	0	64	8.86	0	30
31	1960	0	65	8.72	0	31
32	1961	0	67	8.46	0	32
33	1962	0	67	8.46	0	33
34	1963	0	68	8.34	0	34
35	1964	0	70	8.10	0	35
36	1965	0	71	7.99	0	36
37	1966	0	73	7.77	0	37
38	1967	0	76	7.46	0	38
39	1968	0	80	7.09	0	39
40	1969	0	84	6.75	0	40
41	1970	0	88	6.44	0	41
42	1971	0	93	6.10	0	42
43	1972	0	95	5.97	0	43
44	1973	0	100	5.67	0	44
45	1974	0	117	4.85	0	45
46	1975	0	141	4.02	0	46
47	1976	0	153	3.71	0	47
48	1977	0	164	3.46	0	48
49	1978	0	178	3.19	0	49
50	1979	0	197	2.88	0	50
51	1980	31,662	222	2.55	80,738	51
52	1981	0	246	2.30	0	52
53	1982	0	263	2.16	0	53
54	1983	2,855	269	2.11	6,024	54
55	1984	0	273	2.08	0	55
56	1985	62,611	276	2.05	128,353	56
57	1986	30,615	280	2.03	62,148	57
58	1987	17,738	286	1.98	35,121	58
59	1988	36,482	295	1.92	70,045	59
60	1989	1,293	281	2.02	2,612	60
61	1990	0	298	1.90	0	61
62	1991	0	320	1.77	0	62
63	1992	0	316	1.79	0	63
64	1993	9,251	324	1.75	16,189	64
65	1994	39,074	331	1.71	66,817	65
66	1995	0	333	1.70	0	66
67	1996	0	336	1.69	0	67
68	1997	41,959	351	1.62	67,974	68
69	1998	5,157	380	1.49	7,684	69
70	1999	50,326	385	1.47	73,979	70
71	2000	19,100	389	1.46	27,886	71
72	2001	4,376	390	1.45	6,345	72
73	2002	73,300	395	1.44	105,552	73
74	2003	0	401	1.41	0	74
75	2004	26,256	414	1.37	35,971	75
76	2005	64,821	439	1.29	83,619	76
77	2006	11,760	457	1.24	14,582	77
78	2007	0	469	1.21	0	78
79	2008	81,414	485	1.17	95,254	79
80	2009	0	501	1.13	0	80
81	2010	27,374	503	1.13	30,933	81
82	2011	45,503	516	1.10	50,053	82
83	2012	1,940	538	1.05	2,037	83
84	2013	41,240	551	1.03	42,477	84
85	2014	49,821	560	1.01	50,319	85
86	2015	5,258	567	1.00	5,258	86
87	Total	\$ 781,186			\$ 1,167,970	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 394 - Tools, Shop and Garage Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	22	25.77	\$ 0	1
2	1931	0	20	28.35	0	2
3	1932	0	19	29.84	0	3
4	1933	0	19	29.84	0	4
5	1934	0	20	28.35	0	5
6	1935	0	21	27.00	0	6
7	1936	0	21	27.00	0	7
8	1937	0	23	24.65	0	8
9	1938	0	23	24.65	0	9
10	1939	0	23	24.65	0	10
11	1940	0	24	23.63	0	11
12	1941	0	25	22.68	0	12
13	1942	0	28	20.25	0	13
14	1943	0	29	19.55	0	14
15	1944	0	29	19.55	0	15
16	1945	0	29	19.55	0	16
17	1946	0	34	16.68	0	17
18	1947	0	37	15.32	0	18
19	1948	0	39	14.54	0	19
20	1949	0	40	14.18	0	20
21	1950	0	42	13.50	0	21
22	1951	0	45	12.60	0	22
23	1952	0	46	12.33	0	23
24	1953	0	49	11.57	0	24
25	1954	0	49	11.57	0	25
26	1955	0	51	11.12	0	26
27	1956	0	55	10.31	0	27
28	1957	0	59	9.61	0	28
29	1958	0	62	9.15	0	29
30	1959	0	64	8.86	0	30
31	1960	0	65	8.72	0	31
32	1961	0	67	8.46	0	32
33	1962	0	67	8.46	0	33
34	1963	0	68	8.34	0	34
35	1964	0	70	8.10	0	35
36	1965	0	71	7.99	0	36
37	1966	0	73	7.77	0	37
38	1967	0	76	7.46	0	38
39	1968	0	80	7.09	0	39
40	1969	0	84	6.75	0	40
41	1970	0	88	6.44	0	41
42	1971	0	93	6.10	0	42
43	1972	0	95	5.97	0	43
44	1973	0	100	5.67	0	44
45	1974	0	117	4.85	0	45
46	1975	0	141	4.02	0	46
47	1976	0	153	3.71	0	47
48	1977	0	164	3.46	0	48
49	1978	0	178	3.19	0	49
50	1979	0	197	2.88	0	50
51	1980	32,230	222	2.55	82,187	51
52	1981	6,080	246	2.30	13,984	52
53	1982	0	263	2.16	0	53
54	1983	0	269	2.11	0	54
55	1984	8,477	273	2.08	17,632	55
56	1985	8,558	276	2.05	17,544	56
57	1986	12,605	280	2.03	25,588	57
58	1987	6,248	286	1.98	12,371	58
59	1988	9,808	295	1.92	18,831	59
60	1989	3,946	281	2.02	7,971	60
61	1990	5,073	298	1.90	9,639	61
62	1991	5,392	320	1.77	9,544	62
63	1992	6,876	316	1.79	12,308	63
64	1993	25,194	324	1.75	44,090	64
65	1994	77,140	331	1.71	131,909	65
66	1995	223,122	333	1.70	379,307	66
67	1996	5,918	336	1.69	10,001	67
68	1997	27,318	351	1.62	44,255	68
69	1998	391,012	380	1.49	582,608	69
70	1999	93,706	385	1.47	137,748	70
71	2000	411,880	389	1.46	601,345	71
72	2001	141,217	390	1.45	204,765	72
73	2002	280,077	395	1.44	403,311	73
74	2003	95,255	401	1.41	134,310	74
75	2004	353,665	414	1.37	484,521	75
76	2005	442,109	439	1.29	570,321	76
77	2006	438,626	457	1.24	543,896	77
78	2007	448,890	469	1.21	543,157	78
79	2008	364,474	485	1.17	426,435	79
80	2009	1,474,270	501	1.13	1,665,925	80
81	2010	395,084	503	1.13	446,445	81
82	2011	629,553	516	1.10	692,508	82
83	2012	493,739	538	1.05	518,426	83
84	2013	754,984	551	1.03	777,634	84
85	2014	1,056,077	560	1.01	1,066,638	85
86	2015	1,008,200	567	1.00	1,008,200	86
87	Total	\$ 9,736,803			\$ 11,645,354	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 395 - Laboratory Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	11	39.00	\$ 0	1
2	1931	0	11	39.00	0	2
3	1932	0	11	39.00	0	3
4	1933	0	11	39.00	0	4
5	1934	0	11	39.00	0	5
6	1935	0	11	39.00	0	6
7	1936	0	12	35.75	0	7
8	1937	0	13	33.00	0	8
9	1938	0	13	33.00	0	9
10	1939	0	13	33.00	0	10
11	1940	0	13	33.00	0	11
12	1941	0	13	33.00	0	12
13	1942	0	15	28.60	0	13
14	1943	0	15	28.60	0	14
15	1944	0	15	28.60	0	15
16	1945	0	16	26.81	0	16
17	1946	0	20	21.45	0	17
18	1947	0	23	18.65	0	18
19	1948	0	26	16.50	0	19
20	1949	0	26	16.50	0	20
21	1950	0	27	15.89	0	21
22	1951	0	29	14.79	0	22
23	1952	0	31	13.84	0	23
24	1953	0	33	13.00	0	24
25	1954	0	34	12.62	0	25
26	1955	0	36	11.92	0	26
27	1956	0	39	11.00	0	27
28	1957	0	41	10.46	0	28
29	1958	0	42	10.21	0	29
30	1959	0	45	9.53	0	30
31	1960	0	46	9.33	0	31
32	1961	0	51	8.41	0	32
33	1962	0	53	8.09	0	33
34	1963	0	55	7.80	0	34
35	1964	0	57	7.53	0	35
36	1965	0	60	7.15	0	36
37	1966	0	62	6.92	0	37
38	1967	0	66	6.50	0	38
39	1968	0	70	6.13	0	39
40	1969	0	74	5.80	0	40
41	1970	0	81	5.30	0	41
42	1971	0	87	4.93	0	42
43	1972	0	94	4.56	0	43
44	1973	0	100	4.29	0	44
45	1974	0	109	3.94	0	45
46	1975	0	123	3.49	0	46
47	1976	0	130	3.30	0	47
48	1977	0	141	3.04	0	48
49	1978	0	151	2.84	0	49
50	1979	0	164	2.62	0	50
51	1980	0	178	2.41	0	51
52	1981	0	186	2.31	0	52
53	1982	0	203	2.11	0	53
54	1983	0	209	2.05	0	54
55	1984	0	212	2.02	0	55
56	1985	0	211	2.03	0	56
57	1986	0	218	1.97	0	57
58	1987	0	226	1.90	0	58
59	1988	0	219	1.96	0	59
60	1989	0	213	2.01	0	60
61	1990	2,960	228	1.88	5,565	61
62	1991	0	242	1.77	0	62
63	1992	0	249	1.72	0	63
64	1993	1,176	260	1.65	1,940	64
65	1994	23,904	257	1.67	39,920	65
66	1995	0	246	1.74	0	66
67	1996	1,803	250	1.72	3,101	67
68	1997	0	251	1.71	0	68
69	1998	1,706	254	1.69	2,883	69
70	1999	142,885	261	1.64	234,331	70
71	2000	0	268	1.60	0	71
72	2001	0	280	1.53	0	72
73	2002	59,897	289	1.48	88,648	73
74	2003	1,553	293	1.46	2,267	74
75	2004	4,842	298	1.44	6,972	75
76	2005	0	303	1.42	0	76
77	2006	2,465	305	1.41	3,476	77
78	2007	42,852	317	1.35	57,850	78
79	2008	2,421	337	1.27	3,075	79
80	2009	2,396	359	1.19	2,851	80
81	2010	8,738	375	1.14	9,961	81
82	2011	34,834	387	1.11	38,666	82
83	2012	62,679	405	1.06	66,440	83
84	2013	0	412	1.04	0	84
85	2014	105,953	427	1.00	105,953	85
86	2015	0	429	1.00	0	86
87	Total	\$ 503,064			\$ 673,899	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 396 - Power Operated Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	22	25.77	\$ 0	1
2	1931	0	20	28.35	0	2
3	1932	0	19	29.84	0	3
4	1933	0	19	29.84	0	4
5	1934	0	20	28.35	0	5
6	1935	0	21	27.00	0	6
7	1936	0	21	27.00	0	7
8	1937	0	23	24.65	0	8
9	1938	0	23	24.65	0	9
10	1939	0	23	24.65	0	10
11	1940	0	24	23.63	0	11
12	1941	0	25	22.68	0	12
13	1942	0	28	20.25	0	13
14	1943	0	29	19.55	0	14
15	1944	0	29	19.55	0	15
16	1945	0	29	19.55	0	16
17	1946	0	34	16.68	0	17
18	1947	0	37	15.32	0	18
19	1948	0	39	14.54	0	19
20	1949	0	40	14.18	0	20
21	1950	0	42	13.50	0	21
22	1951	0	45	12.60	0	22
23	1952	0	46	12.33	0	23
24	1953	0	49	11.57	0	24
25	1954	0	49	11.57	0	25
26	1955	0	51	11.12	0	26
27	1956	0	55	10.31	0	27
28	1957	0	59	9.61	0	28
29	1958	0	62	9.15	0	29
30	1959	0	64	8.86	0	30
31	1960	0	65	8.72	0	31
32	1961	0	67	8.46	0	32
33	1962	0	67	8.46	0	33
34	1963	0	68	8.34	0	34
35	1964	0	70	8.10	0	35
36	1965	0	71	7.99	0	36
37	1966	0	73	7.77	0	37
38	1967	0	76	7.46	0	38
39	1968	0	80	7.09	0	39
40	1969	0	84	6.75	0	40
41	1970	0	88	6.44	0	41
42	1971	0	93	6.10	0	42
43	1972	0	95	5.97	0	43
44	1973	0	100	5.67	0	44
45	1974	0	117	4.85	0	45
46	1975	0	141	4.02	0	46
47	1976	0	153	3.71	0	47
48	1977	0	164	3.46	0	48
49	1978	0	178	3.19	0	49
50	1979	0	197	2.88	0	50
51	1980	2,846	222	2.55	7,257	51
52	1981	0	246	2.30	0	52
53	1982	0	263	2.16	0	53
54	1983	0	269	2.11	0	54
55	1984	16,092	273	2.08	33,471	55
56	1985	1,536	276	2.05	3,149	56
57	1986	1,536	280	2.03	3,118	57
58	1987	0	286	1.98	0	58
59	1988	9,138	295	1.92	17,545	59
60	1989	0	281	2.02	0	60
61	1990	0	298	1.90	0	61
62	1991	23,773	320	1.77	42,078	62
63	1992	0	316	1.79	0	63
64	1993	7,091	324	1.75	12,409	64
65	1994	4,992	331	1.71	8,536	65
66	1995	0	333	1.70	0	66
67	1996	0	336	1.69	0	67
68	1997	22,268	351	1.62	36,074	68
69	1998	51,688	380	1.49	77,015	69
70	1999	69,428	385	1.47	102,059	70
71	2000	144,357	389	1.46	210,761	71
72	2001	133,473	390	1.45	193,536	72
73	2002	37,302	395	1.44	53,715	73
74	2003	76,275	401	1.41	107,548	74
75	2004	275,679	414	1.37	377,680	75
76	2005	503,729	439	1.29	649,810	76
77	2006	927,338	457	1.24	1,149,899	77
78	2007	869,284	469	1.21	1,051,834	78
79	2008	1,204,692	485	1.17	1,409,490	79
80	2009	598,438	501	1.13	676,235	80
81	2010	1,032,051	503	1.13	1,166,218	81
82	2011	613,696	516	1.10	675,066	82
83	2012	388,221	538	1.05	407,632	83
84	2013	272,897	551	1.03	281,084	84
85	2014	230,681	560	1.01	232,988	85
86	2015	360,367	567	1.00	360,367	86
87	Total	\$ 7,878,868			\$ 9,346,574	87

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Year Installed	Account 397.1 - Communication Equipment			RCN Total Arizona	Line No.
		Original Cost Total Arizona	H - W Index	Ratio To Current Index		
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	15	29.67	\$ 0	1
2	1931	0	15	29.67	0	2
3	1932	0	15	29.67	0	3
4	1933	0	15	29.67	0	4
5	1934	0	15	29.67	0	5
6	1935	0	15	29.67	0	6
7	1936	0	15	29.67	0	7
8	1937	0	17	26.18	0	8
9	1938	0	17	26.18	0	9
10	1939	0	17	26.18	0	10
11	1940	0	17	26.18	0	11
12	1941	0	18	24.72	0	12
13	1942	0	19	23.42	0	13
14	1943	0	19	23.42	0	14
15	1944	0	19	23.42	0	15
16	1945	0	19	23.42	0	16
17	1946	0	21	21.19	0	17
18	1947	0	24	18.54	0	18
19	1948	0	26	17.12	0	19
20	1949	0	28	15.89	0	20
21	1950	0	30	14.83	0	21
22	1951	0	31	14.35	0	22
23	1952	0	33	13.48	0	23
24	1953	0	34	13.09	0	24
25	1954	0	36	12.36	0	25
26	1955	0	37	12.03	0	26
27	1956	0	39	11.41	0	27
28	1957	0	41	10.85	0	28
29	1958	0	42	10.60	0	29
30	1959	0	45	9.89	0	30
31	1960	0	46	9.67	0	31
32	1961	0	49	9.08	0	32
33	1962	0	51	8.73	0	33
34	1963	0	52	8.56	0	34
35	1964	0	54	8.24	0	35
36	1965	0	57	7.81	0	36
37	1966	0	58	7.67	0	37
38	1967	0	62	7.18	0	38
39	1968	0	64	6.95	0	39
40	1969	0	69	6.45	0	40
41	1970	1,328	78	5.71	7,583	41
42	1971	0	88	5.06	0	42
43	1972	0	95	4.68	0	43
44	1973	3,598	100	4.45	16,011	44
45	1974	0	109	4.08	0	45
46	1975	0	122	3.65	0	46
47	1976	0	131	3.40	0	47
48	1977	0	142	3.13	0	48
49	1978	0	151	2.95	0	49
50	1979	0	160	2.78	0	50
51	1980	0	170	2.62	0	51
52	1981	0	185	2.41	0	52
53	1982	0	206	2.16	0	53
54	1983	6,506	218	2.04	13,272	54
55	1984	0	220	2.02	0	55
56	1985	6,580	214	2.08	13,686	56
57	1986	47,343	215	2.07	98,000	57
58	1987	0	216	2.06	0	58
59	1988	0	215	2.07	0	59
60	1989	0	214	2.08	0	60
61	1990	0	220	2.02	0	61
62	1991	2,143	225	1.98	4,243	62
63	1992	0	232	1.92	0	63
64	1993	13,107	236	1.89	24,772	64
65	1994	4,590	239	1.86	8,537	65
66	1995	7,650	247	1.80	13,770	66
67	1996	8,346	254	1.75	14,606	67
68	1997	25,699	257	1.73	44,459	68
69	1998	34,426	265	1.68	57,836	69
70	1999	211,639	275	1.62	342,855	70
71	2000	31,153	285	1.56	48,599	71
72	2001	0	299	1.49	0	72
73	2002	0	309	1.44	0	73
74	2003	29,090	318	1.40	40,726	74
75	2004	25,216	327	1.36	34,294	75
76	2005	18,804	337	1.32	24,821	76
77	2006	49,609	345	1.29	63,996	77
78	2007	16,728	354	1.26	21,077	78
79	2008	55,031	365	1.22	67,138	79
80	2009	16,980	382	1.16	19,697	80
81	2010	156,463	406	1.10	172,109	81
82	2011	260,259	416	1.07	278,477	82
83	2012	548,932	424	1.05	576,379	83
84	2013	22,458	429	1.04	23,356	84
85	2014	577,846	437	1.02	589,403	85
86	2015	5,751	445	1.00	5,751	86
87	Total	\$ 2,187,275			\$ 2,625,453	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 397.2 - Telemetering Equipment			RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	15	29.67	\$ 0	1
2	1931	0	15	29.67	0	2
3	1932	0	15	29.67	0	3
4	1933	0	15	29.67	0	4
5	1934	0	15	29.67	0	5
6	1935	0	15	29.67	0	6
7	1936	0	15	29.67	0	7
8	1937	0	17	26.18	0	8
9	1938	0	17	26.18	0	9
10	1939	0	17	26.18	0	10
11	1940	0	17	26.18	0	11
12	1941	0	18	24.72	0	12
13	1942	0	19	23.42	0	13
14	1943	0	19	23.42	0	14
15	1944	0	19	23.42	0	15
16	1945	0	19	23.42	0	16
17	1946	0	21	21.19	0	17
18	1947	0	24	18.54	0	18
19	1948	0	26	17.12	0	19
20	1949	0	28	15.89	0	20
21	1950	0	30	14.83	0	21
22	1951	0	31	14.35	0	22
23	1952	0	33	13.48	0	23
24	1953	0	34	13.09	0	24
25	1954	0	36	12.36	0	25
26	1955	0	37	12.03	0	26
27	1956	0	39	11.41	0	27
28	1957	0	41	10.85	0	28
29	1958	0	42	10.60	0	29
30	1959	0	45	9.89	0	30
31	1960	0	46	9.67	0	31
32	1961	0	49	9.08	0	32
33	1962	0	51	8.73	0	33
34	1963	0	52	8.56	0	34
35	1964	0	54	8.24	0	35
36	1965	0	57	7.81	0	36
37	1966	0	58	7.67	0	37
38	1967	0	62	7.18	0	38
39	1968	0	64	6.95	0	39
40	1969	0	69	6.45	0	40
41	1970	0	78	5.71	0	41
42	1971	0	88	5.06	0	42
43	1972	0	95	4.68	0	43
44	1973	0	100	4.45	0	44
45	1974	0	109	4.08	0	45
46	1975	0	122	3.65	0	46
47	1976	0	131	3.40	0	47
48	1977	0	142	3.13	0	48
49	1978	0	151	2.95	0	49
50	1979	0	160	2.78	0	50
51	1980	0	170	2.62	0	51
52	1981	0	185	2.41	0	52
53	1982	0	206	2.16	0	53
54	1983	0	218	2.04	0	54
55	1984	0	220	2.02	0	55
56	1985	0	214	2.08	0	56
57	1986	0	215	2.07	0	57
58	1987	0	216	2.06	0	58
59	1988	0	215	2.07	0	59
60	1989	0	214	2.08	0	60
61	1990	0	220	2.02	0	61
62	1991	0	225	1.98	0	62
63	1992	0	232	1.92	0	63
64	1993	0	236	1.89	0	64
65	1994	25,426	239	1.86	47,292	65
66	1995	13,792	247	1.80	24,826	66
67	1996	0	254	1.75	0	67
68	1997	0	257	1.73	0	68
69	1998	0	265	1.68	0	69
70	1999	3,491	275	1.62	5,655	70
71	2000	0	285	1.56	0	71
72	2001	0	299	1.49	0	72
73	2002	0	309	1.44	0	73
74	2003	0	318	1.40	0	74
75	2004	0	327	1.36	0	75
76	2005	339,215	337	1.32	447,764	76
77	2006	0	345	1.29	0	77
78	2007	0	354	1.26	0	78
79	2008	33,413	365	1.22	40,764	79
80	2009	72,124	382	1.16	83,664	80
81	2010	51,393	406	1.10	56,532	81
82	2011	31,057	416	1.07	33,231	82
83	2012	0	424	1.05	0	83
84	2013	0	429	1.04	0	84
85	2014	0	437	1.02	0	85
86	2015	0	445	1.00	0	86
87	Total	\$ 569,911			\$ 739,728	87

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 398 - Miscellaneous Equipment		Ratio To Current Index (d)	RCN Total Arizona (e)	Line No.
		Original Cost Total Arizona (b)	H - W Index (c)			
1	1930	\$ 0	15	29.67	\$ 0	1
2	1931	0	15	29.67	0	2
3	1932	0	15	29.67	0	3
4	1933	0	15	29.67	0	4
5	1934	0	15	29.67	0	5
6	1935	0	15	29.67	0	6
7	1936	0	15	29.67	0	7
8	1937	0	17	26.18	0	8
9	1938	0	17	26.18	0	9
10	1939	0	17	26.18	0	10
11	1940	0	17	26.18	0	11
12	1941	0	18	24.72	0	12
13	1942	0	19	23.42	0	13
14	1943	0	19	23.42	0	14
15	1944	0	19	23.42	0	15
16	1945	0	19	23.42	0	16
17	1946	0	21	21.19	0	17
18	1947	0	24	18.54	0	18
19	1948	0	26	17.12	0	19
20	1949	0	28	15.89	0	20
21	1950	0	30	14.83	0	21
22	1951	0	31	14.35	0	22
23	1952	0	33	13.48	0	23
24	1953	0	34	13.09	0	24
25	1954	0	36	12.36	0	25
26	1955	0	37	12.03	0	26
27	1956	0	39	11.41	0	27
28	1957	0	41	10.85	0	28
29	1958	0	42	10.60	0	29
30	1959	0	45	9.89	0	30
31	1960	0	46	9.67	0	31
32	1961	0	49	9.08	0	32
33	1962	0	51	8.73	0	33
34	1963	0	52	8.56	0	34
35	1964	0	54	8.24	0	35
36	1965	0	57	7.81	0	36
37	1966	0	58	7.67	0	37
38	1967	0	62	7.18	0	38
39	1968	0	64	6.95	0	39
40	1969	0	69	6.45	0	40
41	1970	0	78	5.71	0	41
42	1971	0	88	5.06	0	42
43	1972	0	95	4.68	0	43
44	1973	0	100	4.45	0	44
45	1974	0	109	4.08	0	45
46	1975	0	122	3.65	0	46
47	1976	0	131	3.40	0	47
48	1977	0	142	3.13	0	48
49	1978	0	151	2.95	0	49
50	1979	3,438	160	2.78	9,558	50
51	1980	32,264	170	2.62	84,532	51
52	1981	0	185	2.41	0	52
53	1982	0	206	2.16	0	53
54	1983	0	218	2.04	0	54
55	1984	0	220	2.02	0	55
56	1985	2,395	214	2.08	4,982	56
57	1986	19,457	215	2.07	40,276	57
58	1987	0	216	2.06	0	58
59	1988	0	215	2.07	0	59
60	1989	0	214	2.08	0	60
61	1990	0	220	2.02	0	61
62	1991	0	225	1.98	0	62
63	1992	0	232	1.92	0	63
64	1993	7,292	236	1.89	13,782	64
65	1994	0	239	1.86	0	65
66	1995	0	247	1.80	0	66
67	1996	0	254	1.75	0	67
68	1997	0	257	1.73	0	68
69	1998	2,167	265	1.68	3,641	69
70	1999	1,245	275	1.62	2,017	70
71	2000	295,511	285	1.56	460,997	71
72	2001	14,128	299	1.49	21,051	72
73	2002	46,334	309	1.44	66,721	73
74	2003	3,391	318	1.40	4,747	74
75	2004	10,940	327	1.36	14,878	75
76	2005	54,218	337	1.32	71,568	76
77	2006	12,135	345	1.29	15,654	77
78	2007	46,258	354	1.26	58,285	78
79	2008	15,323	365	1.22	18,694	79
80	2009	27,716	382	1.16	32,151	80
81	2010	119,593	406	1.10	131,552	81
82	2011	103,655	416	1.07	110,911	82
83	2012	14,501	424	1.05	15,226	83
84	2013	66,876	429	1.04	69,551	84
85	2014	186,511	437	1.02	190,241	85
86	2015	67,170	445	1.00	67,170	86
87	Total	\$ 1,152,518			\$ 1,508,185	87
88	Grand Total	\$ 3,010,419,198			\$ 4,968,735,708	88

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Account 389 - Land and Land Rights					RCN Cost	Line No.
	Year	Original	H - W	Ratio To			
	Installed	Cost	Index	Current Index			
	(a)	(b)	(c)	(d)	(e)		
1	1930	\$ 0	1	1.00	\$	0	1
2	1931	0	1	1.00		0	2
3	1932	0	1	1.00		0	3
4	1933	0	1	1.00		0	4
5	1934	0	1	1.00		0	5
6	1935	0	1	1.00		0	6
7	1936	0	1	1.00		0	7
8	1937	0	1	1.00		0	8
9	1938	0	1	1.00		0	9
10	1939	0	1	1.00		0	10
11	1940	0	1	1.00		0	11
12	1941	0	1	1.00		0	12
13	1942	0	1	1.00		0	13
14	1943	0	1	1.00		0	14
15	1944	0	1	1.00		0	15
16	1945	0	1	1.00		0	16
17	1946	0	1	1.00		0	17
18	1947	0	1	1.00		0	18
19	1948	0	1	1.00		0	19
20	1949	0	1	1.00		0	20
21	1950	0	1	1.00		0	21
22	1951	0	1	1.00		0	22
23	1952	0	1	1.00		0	23
24	1953	0	1	1.00		0	24
25	1954	0	1	1.00		0	25
26	1955	0	1	1.00		0	26
27	1956	0	1	1.00		0	27
28	1957	0	1	1.00		0	28
29	1958	0	1	1.00		0	29
30	1959	0	1	1.00		0	30
31	1960	0	1	1.00		0	31
32	1961	0	1	1.00		0	32
33	1962	0	1	1.00		0	33
34	1963	0	1	1.00		0	34
35	1964	0	1	1.00		0	35
36	1965	0	1	1.00		0	36
37	1966	0	1	1.00		0	37
38	1967	0	1	1.00		0	38
39	1968	0	1	1.00		0	39
40	1969	0	1	1.00		0	40
41	1970	0	1	1.00		0	41
42	1971	0	1	1.00		0	42
43	1972	0	1	1.00		0	43
44	1973	0	1	1.00		0	44
45	1974	0	1	1.00		0	45
46	1975	0	1	1.00		0	46
47	1976	0	1	1.00		0	47
48	1977	0	1	1.00		0	48
49	1978	0	1	1.00		0	49
50	1979	0	1	1.00		0	50
51	1980	0	1	1.00		0	51
52	1981	0	1	1.00		0	52
53	1982	0	1	1.00		0	53
54	1983	0	1	1.00		0	54
55	1984	0	1	1.00		0	55
56	1985	0	1	1.00		0	56
57	1986	0	1	1.00		0	57
58	1987	0	1	1.00		0	58
59	1988	0	1	1.00		0	59
60	1989	248,909	1	1.00		248,909	60
61	1990	0	1	1.00		0	61
62	1991	0	1	1.00		0	62
63	1992	0	1	1.00		0	63
64	1993	142,398	1	1.00		142,398	64
65	1994	0	1	1.00		0	65
66	1995	0	1	1.00		0	66
67	1996	0	1	1.00		0	67
68	1997	0	1	1.00		0	68
69	1998	0	1	1.00		0	69
70	1999	0	1	1.00		0	70
71	2000	0	1	1.00		0	71
72	2001	0	1	1.00		0	72
73	2002	0	1	1.00		0	73
74	2003	0	1	1.00		0	74
75	2004	0	1	1.00		0	75
76	2005	0	1	1.00		0	76
77	2006	0	1	1.00		0	77
78	2007	0	1	1.00		0	78
79	2008	0	1	1.00		0	79
80	2009	0	1	1.00		0	80
81	2010	0	1	1.00		0	81
82	2011	0	1	1.00		0	82
83	2012	0	1	1.00		0	83
84	2013	0	1	1.00		0	84
85	2014	3,825,399	1	1.00		3,825,399	85
86	2015	0	1	1.00		0	86
87	Total	\$ 4,216,706			\$	4,216,706	87

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Account 390.1 - General Plant Structures					RCN Cost	Line No.
	Year	Original Cost	H - W Index	Ratio To Current Index			
	(a)	(b)	(c)	(d)	(e)		
1	1930	\$ 0	19	23.26	\$ 0	1	
2	1931	0	17	26.00	0	2	
3	1932	0	16	27.63	0	3	
4	1933	0	17	26.00	0	4	
5	1934	0	19	23.26	0	5	
6	1935	0	18	24.56	0	6	
7	1936	0	19	23.26	0	7	
8	1937	0	20	22.10	0	8	
9	1938	0	20	22.10	0	9	
10	1939	0	20	22.10	0	10	
11	1940	0	20	22.10	0	11	
12	1941	0	22	20.09	0	12	
13	1942	0	23	19.22	0	13	
14	1943	0	23	19.22	0	14	
15	1944	0	24	18.42	0	15	
16	1945	0	24	18.42	0	16	
17	1946	0	27	16.37	0	17	
18	1947	0	32	13.81	0	18	
19	1948	0	36	12.28	0	19	
20	1949	0	37	11.95	0	20	
21	1950	0	39	11.33	0	21	
22	1951	0	42	10.52	0	22	
23	1952	0	44	10.05	0	23	
24	1953	0	44	10.05	0	24	
25	1954	0	46	9.61	0	25	
26	1955	0	48	9.21	0	26	
27	1956	0	52	8.50	0	27	
28	1957	0	55	8.04	0	28	
29	1958	0	57	7.75	0	29	
30	1959	0	58	7.62	0	30	
31	1960	0	59	7.49	0	31	
32	1961	0	58	7.62	0	32	
33	1962	0	59	7.49	0	33	
34	1963	0	60	7.37	0	34	
35	1964	0	61	7.25	0	35	
36	1965	0	64	6.91	0	36	
37	1966	0	65	6.80	0	37	
38	1967	0	67	6.60	0	38	
39	1968	0	71	6.23	0	39	
40	1969	0	75	5.89	0	40	
41	1970	0	79	5.59	0	41	
42	1971	0	87	5.08	0	42	
43	1972	0	93	4.75	0	43	
44	1973	0	100	4.42	0	44	
45	1974	0	118	3.75	0	45	
46	1975	0	133	3.32	0	46	
47	1976	0	138	3.20	0	47	
48	1977	0	148	2.99	0	48	
49	1978	0	161	2.75	0	49	
50	1979	0	177	2.50	0	50	
51	1980	0	194	2.28	0	51	
52	1981	0	204	2.17	0	52	
53	1982	0	207	2.14	0	53	
54	1983	0	215	2.06	0	54	
55	1984	0	224	1.97	0	55	
56	1985	0	226	1.96	0	56	
57	1986	0	231	1.91	0	57	
58	1987	477,495	232	1.91	912,015	58	
59	1988	0	233	1.90	0	59	
60	1989	9,879,079	232	1.91	18,869,041	60	
61	1990	0	237	1.86	0	61	
62	1991	0	233	1.90	0	62	
63	1992	0	238	1.86	0	63	
64	1993	21,094	250	1.77	37,336	64	
65	1994	0	261	1.69	0	65	
66	1995	7,062	265	1.67	11,794	66	
67	1996	0	176	2.51	0	67	
68	1997	50,000	282	1.57	78,500	68	
69	1998	4,191	285	1.55	6,496	69	
70	1999	40,000	287	1.54	61,600	70	
71	2000	212,862	295	1.50	319,293	71	
72	2001	24,594	303	1.46	35,907	72	
73	2002	0	310	1.43	0	73	
74	2003	119,057	320	1.38	164,299	74	
75	2004	265,902	342	1.29	343,014	75	
76	2005	2,018,721	355	1.25	2,523,401	76	
77	2006	143,605	364	1.21	173,762	77	
78	2007	356,318	382	1.16	413,329	78	
79	2008	435,364	398	1.11	483,254	79	
80	2009	256,120	389	1.14	291,977	80	
81	2010	546,888	399	1.11	607,046	81	
82	2011	0	411	1.08	0	82	
83	2012	476,843	422	1.05	500,685	83	
84	2013	188,415	431	1.03	194,067	84	
85	2014	13,770,907	440	1.00	13,770,907	85	
86	2015	279,508	442	1.00	279,508	86	
87	Total	\$ 29,574,025			\$ 40,077,231	87	

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Account 390.2 - Leasehold Improvements					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	19	23.26	\$	0	1
2	1931	0	17	26.00		0	2
3	1932	0	16	27.63		0	3
4	1933	0	17	26.00		0	4
5	1934	0	19	23.26		0	5
6	1935	0	18	24.56		0	6
7	1936	0	19	23.26		0	7
8	1937	0	20	22.10		0	8
9	1938	0	20	22.10		0	9
10	1939	0	20	22.10		0	10
11	1940	0	20	22.10		0	11
12	1941	0	22	20.09		0	12
13	1942	0	23	19.22		0	13
14	1943	0	23	19.22		0	14
15	1944	0	24	18.42		0	15
16	1945	0	24	18.42		0	16
17	1946	0	27	16.37		0	17
18	1947	0	32	13.81		0	18
19	1948	0	36	12.28		0	19
20	1949	0	37	11.95		0	20
21	1950	0	39	11.33		0	21
22	1951	0	42	10.52		0	22
23	1952	0	44	10.05		0	23
24	1953	0	44	10.05		0	24
25	1954	0	46	9.61		0	25
26	1955	0	48	9.21		0	26
27	1956	0	52	8.50		0	27
28	1957	0	55	8.04		0	28
29	1958	0	57	7.75		0	29
30	1959	0	58	7.62		0	30
31	1960	0	59	7.49		0	31
32	1961	0	58	7.62		0	32
33	1962	0	59	7.49		0	33
34	1963	0	60	7.37		0	34
35	1964	0	61	7.25		0	35
36	1965	0	64	6.91		0	36
37	1966	0	65	6.80		0	37
38	1967	0	67	6.60		0	38
39	1968	0	71	6.23		0	39
40	1969	0	75	5.89		0	40
41	1970	0	79	5.59		0	41
42	1971	0	87	5.08		0	42
43	1972	0	93	4.75		0	43
44	1973	0	100	4.42		0	44
45	1974	0	118	3.75		0	45
46	1975	0	133	3.32		0	46
47	1976	0	138	3.20		0	47
48	1977	0	148	2.99		0	48
49	1978	0	161	2.75		0	49
50	1979	0	177	2.50		0	50
51	1980	0	194	2.28		0	51
52	1981	0	204	2.17		0	52
53	1982	0	207	2.14		0	53
54	1983	105,197	215	2.06		216,706	54
55	1984	27,373	224	1.97		53,925	55
56	1985	73,386	226	1.96		143,837	56
57	1986	19,621	231	1.91		37,476	57
58	1987	25,692	232	1.91		49,072	58
59	1988	660,650	233	1.90		1,255,235	59
60	1989	6,095	232	1.91		11,641	60
61	1990	15,888	237	1.86		29,552	61
62	1991	50,388	233	1.90		95,737	62
63	1992	0	238	1.86		0	63
64	1993	192,953	250	1.77		341,527	64
65	1994	3,645	261	1.69		6,160	65
66	1995	0	265	1.67		0	66
67	1996	19,980	176	2.51		50,150	67
68	1997	0	282	1.57		0	68
69	1998	0	285	1.55		0	69
70	1999	84,862	287	1.54		130,687	70
71	2000	151,209	295	1.50		226,814	71
72	2001	108,914	303	1.46		159,014	72
73	2002	13,749	310	1.43		19,661	73
74	2003	59,871	320	1.38		82,622	74
75	2004	491,648	342	1.29		634,226	75
76	2005	448,125	355	1.25		560,156	76
77	2006	4,683	364	1.21		5,666	77
78	2007	203,288	382	1.16		235,814	78
79	2008	49,050	398	1.11		54,446	79
80	2009	675	389	1.14		770	80
81	2010	48,762	399	1.11		54,126	81
82	2011	160,051	411	1.08		172,855	82
83	2012	296,119	422	1.05		310,925	83
84	2013	299,336	431	1.03		308,316	84
85	2014	734,998	440	1.00		734,998	85
86	2015	0	442	1.00		0	86
87	Total	\$ 4,356,208			\$	5,982,114	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 391 - Office Furniture and Equipment					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	11	39.00	\$ 0	1	
2	1931	0	11	39.00	0	2	
3	1932	0	11	39.00	0	3	
4	1933	0	11	39.00	0	4	
5	1934	0	11	39.00	0	5	
6	1935	0	11	39.00	0	6	
7	1936	0	12	35.75	0	7	
8	1937	0	13	33.00	0	8	
9	1938	0	13	33.00	0	9	
10	1939	0	13	33.00	0	10	
11	1940	0	13	33.00	0	11	
12	1941	0	13	33.00	0	12	
13	1942	0	15	28.60	0	13	
14	1943	0	15	28.60	0	14	
15	1944	0	15	28.60	0	15	
16	1945	0	16	26.81	0	16	
17	1946	0	20	21.45	0	17	
18	1947	0	23	18.65	0	18	
19	1948	0	26	16.50	0	19	
20	1949	0	26	16.50	0	20	
21	1950	0	27	15.89	0	21	
22	1951	0	29	14.79	0	22	
23	1952	0	31	13.84	0	23	
24	1953	0	33	13.00	0	24	
25	1954	0	34	12.62	0	25	
26	1955	0	36	11.92	0	26	
27	1956	0	39	11.00	0	27	
28	1957	0	41	10.46	0	28	
29	1958	0	42	10.21	0	29	
30	1959	0	45	9.53	0	30	
31	1960	0	46	9.33	0	31	
32	1961	0	51	8.41	0	32	
33	1962	0	53	8.09	0	33	
34	1963	0	55	7.80	0	34	
35	1964	0	57	7.53	0	35	
36	1965	0	60	7.15	0	36	
37	1966	0	62	6.92	0	37	
38	1967	0	66	6.50	0	38	
39	1968	0	70	6.13	0	39	
40	1969	0	74	5.80	0	40	
41	1970	0	81	5.30	0	41	
42	1971	0	87	4.93	0	42	
43	1972	0	94	4.56	0	43	
44	1973	0	100	4.29	0	44	
45	1974	0	109	3.94	0	45	
46	1975	0	123	3.49	0	46	
47	1976	0	130	3.30	0	47	
48	1977	0	141	3.04	0	48	
49	1978	0	151	2.84	0	49	
50	1979	0	164	2.62	0	50	
51	1980	0	178	2.41	0	51	
52	1981	0	186	2.31	0	52	
53	1982	0	203	2.11	0	53	
54	1983	0	209	2.05	0	54	
55	1984	0	212	2.02	0	55	
56	1985	0	211	2.03	0	56	
57	1986	0	218	1.97	0	57	
58	1987	0	226	1.90	0	58	
59	1988	0	219	1.96	0	59	
60	1989	0	213	2.01	0	60	
61	1990	0	228	1.88	0	61	
62	1991	0	242	1.77	0	62	
63	1992	0	249	1.72	0	63	
64	1993	0	260	1.65	0	64	
65	1994	0	257	1.67	0	65	
66	1995	0	246	1.74	0	66	
67	1996	0	250	1.72	0	67	
68	1997	0	251	1.71	0	68	
69	1998	0	254	1.69	0	69	
70	1999	0	261	1.64	0	70	
71	2000	1,757	268	1.60	2,811	71	
72	2001	236,858	280	1.53	362,393	72	
73	2002	515,372	289	1.48	762,751	73	
74	2003	416,550	293	1.46	608,163	74	
75	2004	218,068	298	1.44	314,018	75	
76	2005	146,299	303	1.42	207,745	76	
77	2006	1,382,849	305	1.41	1,949,817	77	
78	2007	2,831,972	317	1.35	3,823,162	78	
79	2008	125,388	337	1.27	159,243	79	
80	2009	313,150	359	1.19	372,649	80	
81	2010	222,355	375	1.14	253,485	81	
82	2011	416,815	387	1.11	462,665	82	
83	2012	281,912	405	1.06	298,827	83	
84	2013	675,580	412	1.04	702,603	84	
85	2014	390,090	427	1.00	390,090	85	
86	2015	269,540	429	1.00	269,540	86	
87	Total	\$ 8,444,555			\$ 10,939,962	87	

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 391.1 - Computer Equipment					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	11	39.00	\$	0	1
2	1931	0	11	39.00		0	2
3	1932	0	11	39.00		0	3
4	1933	0	11	39.00		0	4
5	1934	0	11	39.00		0	5
6	1935	0	11	39.00		0	6
7	1936	0	12	35.75		0	7
8	1937	0	13	33.00		0	8
9	1938	0	13	33.00		0	9
10	1939	0	13	33.00		0	10
11	1940	0	13	33.00		0	11
12	1941	0	13	33.00		0	12
13	1942	0	15	28.60		0	13
14	1943	0	15	28.60		0	14
15	1944	0	15	28.60		0	15
16	1945	0	16	26.81		0	16
17	1946	0	20	21.45		0	17
18	1947	0	23	18.65		0	18
19	1948	0	26	16.50		0	19
20	1949	0	26	16.50		0	20
21	1950	0	27	15.89		0	21
22	1951	0	29	14.79		0	22
23	1952	0	31	13.84		0	23
24	1953	0	33	13.00		0	24
25	1954	0	34	12.62		0	25
26	1955	0	36	11.92		0	26
27	1956	0	39	11.00		0	27
28	1957	0	41	10.46		0	28
29	1958	0	42	10.21		0	29
30	1959	0	45	9.53		0	30
31	1960	0	46	9.33		0	31
32	1961	0	51	8.41		0	32
33	1962	0	53	8.09		0	33
34	1963	0	55	7.80		0	34
35	1964	0	57	7.53		0	35
36	1965	0	60	7.15		0	36
37	1966	0	62	6.92		0	37
38	1967	0	66	6.50		0	38
39	1968	0	70	6.13		0	39
40	1969	0	74	5.80		0	40
41	1970	0	81	5.30		0	41
42	1971	0	87	4.93		0	42
43	1972	0	94	4.56		0	43
44	1973	0	100	4.29		0	44
45	1974	0	109	3.94		0	45
46	1975	0	123	3.49		0	46
47	1976	0	130	3.30		0	47
48	1977	0	141	3.04		0	48
49	1978	0	151	2.84		0	49
50	1979	0	164	2.62		0	50
51	1980	0	178	2.41		0	51
52	1981	0	186	2.31		0	52
53	1982	0	203	2.11		0	53
54	1983	0	209	2.05		0	54
55	1984	0	212	2.02		0	55
56	1985	0	211	2.03		0	56
57	1986	0	218	1.97		0	57
58	1987	0	226	1.90		0	58
59	1988	0	219	1.96		0	59
60	1989	0	213	2.01		0	60
61	1990	0	228	1.88		0	61
62	1991	0	242	1.77		0	62
63	1992	0	249	1.72		0	63
64	1993	0	260	1.65		0	64
65	1994	0	257	1.67		0	65
66	1995	0	246	1.74		0	66
67	1996	0	250	1.72		0	67
68	1997	0	251	1.71		0	68
69	1998	0	254	1.69		0	69
70	1999	0	261	1.64		0	70
71	2000	0	268	1.60		0	71
72	2001	0	280	1.53		0	72
73	2002	0	289	1.48		0	73
74	2003	0	293	1.46		0	74
75	2004	0	298	1.44		0	75
76	2005	0	303	1.42		0	76
77	2006	0	305	1.41		0	77
78	2007	0	317	1.35		0	78
79	2008	0	337	1.27		0	79
80	2009	0	359	1.19		0	80
81	2010	205,462	375	1.14	234,227	81	
82	2011	2,380,385	387	1.11	2,642,227	82	
83	2012	2,756,035	405	1.06	2,921,397	83	
84	2013	8,267,974	412	1.04	8,598,693	84	
85	2014	1,850,410	427	1.00	1,850,410	85	
86	2015	1,363,542	429	1.00	1,363,542	86	
87	Total	\$ 16,823,808			\$ 17,610,496	87	

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Account 392.11 - Transportation Equip. - Light Vehicles						
Line	Year	Original	H - W	Ratio To	RCN	Line
No.	Installed	Cost	Index	Current Index	Cost	No.
	(a)	(b)	(c)	(d)	(e)	
1	1930	\$ 0	22	25.77	\$ 0	1
2	1931	0	20	28.35	0	2
3	1932	0	19	29.84	0	3
4	1933	0	19	29.84	0	4
5	1934	0	20	28.35	0	5
6	1935	0	21	27.00	0	6
7	1936	0	21	27.00	0	7
8	1937	0	23	24.65	0	8
9	1938	0	23	24.65	0	9
10	1939	0	23	24.65	0	10
11	1940	0	24	23.63	0	11
12	1941	0	25	22.68	0	12
13	1942	0	28	20.25	0	13
14	1943	0	29	19.55	0	14
15	1944	0	29	19.55	0	15
16	1945	0	29	19.55	0	16
17	1946	0	34	16.68	0	17
18	1947	0	37	15.32	0	18
19	1948	0	39	14.54	0	19
20	1949	0	40	14.18	0	20
21	1950	0	42	13.50	0	21
22	1951	0	45	12.60	0	22
23	1952	0	46	12.33	0	23
24	1953	0	49	11.57	0	24
25	1954	0	49	11.57	0	25
26	1955	0	51	11.12	0	26
27	1956	0	55	10.31	0	27
28	1957	0	59	9.61	0	28
29	1958	0	62	9.15	0	29
30	1959	0	64	8.86	0	30
31	1960	0	65	8.72	0	31
32	1961	0	67	8.46	0	32
33	1962	0	67	8.46	0	33
34	1963	0	68	8.34	0	34
35	1964	0	70	8.10	0	35
36	1965	0	71	7.99	0	36
37	1966	0	73	7.77	0	37
38	1967	0	76	7.46	0	38
39	1968	0	80	7.09	0	39
40	1969	0	84	6.75	0	40
41	1970	0	88	6.44	0	41
42	1971	0	93	6.10	0	42
43	1972	0	95	5.97	0	43
44	1973	0	100	5.67	0	44
45	1974	0	117	4.85	0	45
46	1975	0	141	4.02	0	46
47	1976	0	153	3.71	0	47
48	1977	0	164	3.46	0	48
49	1978	0	178	3.19	0	49
50	1979	0	197	2.88	0	50
51	1980	0	222	2.55	0	51
52	1981	0	246	2.30	0	52
53	1982	0	263	2.16	0	53
54	1983	0	269	2.11	0	54
55	1984	0	273	2.08	0	55
56	1985	0	276	2.05	0	56
57	1986	0	280	2.03	0	57
58	1987	0	286	1.98	0	58
59	1988	0	295	1.92	0	59
60	1989	0	281	2.02	0	60
61	1990	0	298	1.90	0	61
62	1991	0	320	1.77	0	62
63	1992	0	316	1.79	0	63
64	1993	0	324	1.75	0	64
65	1994	0	331	1.71	0	65
66	1995	0	333	1.70	0	66
67	1996	0	336	1.69	0	67
68	1997	0	351	1.62	0	68
69	1998	0	380	1.49	0	69
70	1999	0	385	1.47	0	70
71	2000	0	389	1.46	0	71
72	2001	0	390	1.45	0	72
73	2002	0	395	1.44	0	73
74	2003	0	401	1.41	0	74
75	2004	0	414	1.37	0	75
76	2005	0	439	1.29	0	76
77	2006	0	457	1.24	0	77
78	2007	0	469	1.21	0	78
79	2008	416,754	485	1.17	487,602	79
80	2009	440,038	501	1.13	497,243	80
81	2010	451,095	503	1.13	509,737	81
82	2011	609,907	516	1.10	670,898	82
83	2012	299,658	538	1.05	314,641	83
84	2013	71,889	551	1.03	74,046	84
85	2014	1,072,618	560	1.01	1,083,344	85
86	2015	278,143	567	1.00	278,143	86
87	Total	\$ 3,640,102			\$ 3,915,654	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 392.21 - Transportation Equip - Aircraft					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	22	25.77	\$	0	1
2	1931	0	20	28.35		0	2
3	1932	0	19	29.84		0	3
4	1933	0	19	29.84		0	4
5	1934	0	20	28.35		0	5
6	1935	0	21	27.00		0	6
7	1936	0	21	27.00		0	7
8	1937	0	23	24.65		0	8
9	1938	0	23	24.65		0	9
10	1939	0	23	24.65		0	10
11	1940	0	24	23.63		0	11
12	1941	0	25	22.68		0	12
13	1942	0	28	20.25		0	13
14	1943	0	29	19.55		0	14
15	1944	0	29	19.55		0	15
16	1945	0	29	19.55		0	16
17	1946	0	34	16.68		0	17
18	1947	0	37	15.32		0	18
19	1948	0	39	14.54		0	19
20	1949	0	40	14.18		0	20
21	1950	0	42	13.50		0	21
22	1951	0	45	12.60		0	22
23	1952	0	46	12.33		0	23
24	1953	0	49	11.57		0	24
25	1954	0	49	11.57		0	25
26	1955	0	51	11.12		0	26
27	1956	0	55	10.31		0	27
28	1957	0	59	9.61		0	28
29	1958	0	62	9.15		0	29
30	1959	0	64	8.86		0	30
31	1960	0	65	8.72		0	31
32	1961	0	67	8.46		0	32
33	1962	0	67	8.46		0	33
34	1963	0	68	8.34		0	34
35	1964	0	70	8.10		0	35
36	1965	0	71	7.99		0	36
37	1966	0	73	7.77		0	37
38	1967	0	76	7.46		0	38
39	1968	0	80	7.09		0	39
40	1969	0	84	6.75		0	40
41	1970	0	88	6.44		0	41
42	1971	0	93	6.10		0	42
43	1972	0	95	5.97		0	43
44	1973	0	100	5.67		0	44
45	1974	0	117	4.85		0	45
46	1975	0	141	4.02		0	46
47	1976	0	153	3.71		0	47
48	1977	0	164	3.46		0	48
49	1978	0	178	3.19		0	49
50	1979	0	197	2.88		0	50
51	1980	0	222	2.55		0	51
52	1981	0	246	2.30		0	52
53	1982	0	263	2.16		0	53
54	1983	0	269	2.11		0	54
55	1984	0	273	2.08		0	55
56	1985	0	276	2.05		0	56
57	1986	0	280	2.03		0	57
58	1987	0	286	1.98		0	58
59	1988	0	295	1.92		0	59
60	1989	0	281	2.02		0	60
61	1990	0	298	1.90		0	61
62	1991	0	320	1.77		0	62
63	1992	0	316	1.79		0	63
64	1993	0	324	1.75		0	64
65	1994	0	331	1.71		0	65
66	1995	0	333	1.70		0	66
67	1996	0	336	1.69		0	67
68	1997	0	351	1.62		0	68
69	1998	0	380	1.49		0	69
70	1999	0	385	1.47		0	70
71	2000	0	389	1.46		0	71
72	2001	0	390	1.45		0	72
73	2002	0	395	1.44		0	73
74	2003	0	401	1.41		0	74
75	2004	0	414	1.37		0	75
76	2005	0	439	1.29		0	76
77	2006	0	457	1.24		0	77
78	2007	0	469	1.21		0	78
79	2008	0	485	1.17		0	79
80	2009	0	501	1.13		0	80
81	2010	0	503	1.13		0	81
82	2011	8,221,361	516	1.10		9,043,497	82
83	2012	0	538	1.05		0	83
84	2013	0	551	1.03		0	84
85	2014	0	560	1.01		0	85
86	2015	0	567	1.00		0	86
87	Total	\$ 8,221,361			\$	9,043,497	87

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Account 393 - Stores Equipment					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	22	25.77	\$	0	1
2	1931	0	20	28.35		0	2
3	1932	0	19	29.84		0	3
4	1933	0	19	29.84		0	4
5	1934	0	20	28.35		0	5
6	1935	0	21	27.00		0	6
7	1936	0	21	27.00		0	7
8	1937	0	23	24.65		0	8
9	1938	0	23	24.65		0	9
10	1939	0	23	24.65		0	10
11	1940	0	24	23.63		0	11
12	1941	0	25	22.68		0	12
13	1942	0	28	20.25		0	13
14	1943	0	29	19.55		0	14
15	1944	0	29	19.55		0	15
16	1945	0	29	19.55		0	16
17	1946	0	34	16.68		0	17
18	1947	0	37	15.32		0	18
19	1948	0	39	14.54		0	19
20	1949	0	40	14.18		0	20
21	1950	0	42	13.50		0	21
22	1951	0	45	12.60		0	22
23	1952	0	46	12.33		0	23
24	1953	0	49	11.57		0	24
25	1954	0	49	11.57		0	25
26	1955	0	51	11.12		0	26
27	1956	0	55	10.31		0	27
28	1957	0	59	9.61		0	28
29	1958	0	62	9.15		0	29
30	1959	0	64	8.86		0	30
31	1960	0	65	8.72		0	31
32	1961	0	67	8.46		0	32
33	1962	0	67	8.46		0	33
34	1963	0	68	8.34		0	34
35	1964	0	70	8.10		0	35
36	1965	0	71	7.99		0	36
37	1966	0	73	7.77		0	37
38	1967	0	76	7.46		0	38
39	1968	0	80	7.09		0	39
40	1969	0	84	6.75		0	40
41	1970	0	88	6.44		0	41
42	1971	0	93	6.10		0	42
43	1972	0	95	5.97		0	43
44	1973	0	100	5.67		0	44
45	1974	0	117	4.85		0	45
46	1975	0	141	4.02		0	46
47	1976	0	153	3.71		0	47
48	1977	0	164	3.46		0	48
49	1978	0	178	3.19		0	49
50	1979	0	197	2.88		0	50
51	1980	0	222	2.55		0	51
52	1981	0	246	2.30		0	52
53	1982	0	263	2.16		0	53
54	1983	0	269	2.11		0	54
55	1984	0	273	2.08		0	55
56	1985	0	276	2.05		0	56
57	1986	0	280	2.03		0	57
58	1987	0	286	1.98		0	58
59	1988	0	295	1.92		0	59
60	1989	0	281	2.02		0	60
61	1990	0	298	1.90		0	61
62	1991	0	320	1.77		0	62
63	1992	0	316	1.79		0	63
64	1993	0	324	1.75		0	64
65	1994	0	331	1.71		0	65
66	1995	0	333	1.70		0	66
67	1996	0	336	1.69		0	67
68	1997	0	351	1.62		0	68
69	1998	0	380	1.49		0	69
70	1999	0	385	1.47		0	70
71	2000	0	389	1.46		0	71
72	2001	0	390	1.45		0	72
73	2002	3,998	395	1.44		5,757	73
74	2003	0	401	1.41		0	74
75	2004	0	414	1.37		0	75
76	2005	0	439	1.29		0	76
77	2006	0	457	1.24		0	77
78	2007	0	469	1.21		0	78
79	2008	31,617	485	1.17		36,992	79
80	2009	0	501	1.13		0	80
81	2010	0	503	1.13		0	81
82	2011	0	516	1.10		0	82
83	2012	0	538	1.05		0	83
84	2013	0	551	1.03		0	84
85	2014	0	560	1.01		0	85
86	2015	0	567	1.00		0	86
87	Total	\$ 35,615			\$	42,749	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 394 - Tools, Shop, and Garage Equipment					RCN Cost (e)	Line No.
	Year	Original Cost	H - W Index	Ratio To Current Index			
	(a)	(b)	(c)	(d)	(e)		
1	1930	\$ 0	22	25.77	\$ 0	1	
2	1931	0	20	28.35	0	2	
3	1932	0	19	29.84	0	3	
4	1933	0	19	29.84	0	4	
5	1934	0	20	28.35	0	5	
6	1935	0	21	27.00	0	6	
7	1936	0	21	27.00	0	7	
8	1937	0	23	24.65	0	8	
9	1938	0	23	24.65	0	9	
10	1939	0	23	24.65	0	10	
11	1940	0	24	23.63	0	11	
12	1941	0	25	22.68	0	12	
13	1942	0	28	20.25	0	13	
14	1943	0	29	19.55	0	14	
15	1944	0	29	19.55	0	15	
16	1945	0	29	19.55	0	16	
17	1946	0	34	16.68	0	17	
18	1947	0	37	15.32	0	18	
19	1948	0	39	14.54	0	19	
20	1949	0	40	14.18	0	20	
21	1950	0	42	13.50	0	21	
22	1951	0	45	12.60	0	22	
23	1952	0	46	12.33	0	23	
24	1953	0	49	11.57	0	24	
25	1954	0	49	11.57	0	25	
26	1955	0	51	11.12	0	26	
27	1956	0	55	10.31	0	27	
28	1957	0	59	9.61	0	28	
29	1958	0	62	9.15	0	29	
30	1959	0	64	8.86	0	30	
31	1960	0	65	8.72	0	31	
32	1961	0	67	8.46	0	32	
33	1962	0	67	8.46	0	33	
34	1963	0	68	8.34	0	34	
35	1964	0	70	8.10	0	35	
36	1965	0	71	7.99	0	36	
37	1966	0	73	7.77	0	37	
38	1967	0	76	7.46	0	38	
39	1968	0	80	7.09	0	39	
40	1969	0	84	6.75	0	40	
41	1970	0	88	6.44	0	41	
42	1971	0	93	6.10	0	42	
43	1972	0	95	5.97	0	43	
44	1973	0	100	5.67	0	44	
45	1974	0	117	4.85	0	45	
46	1975	0	141	4.02	0	46	
47	1976	0	153	3.71	0	47	
48	1977	0	164	3.46	0	48	
49	1978	0	178	3.19	0	49	
50	1979	0	197	2.88	0	50	
51	1980	0	222	2.55	0	51	
52	1981	0	246	2.30	0	52	
53	1982	0	263	2.16	0	53	
54	1983	0	269	2.11	0	54	
55	1984	0	273	2.08	0	55	
56	1985	0	276	2.05	0	56	
57	1986	0	280	2.03	0	57	
58	1987	0	286	1.98	0	58	
59	1988	0	295	1.92	0	59	
60	1989	0	281	2.02	0	60	
61	1990	0	298	1.90	0	61	
62	1991	0	320	1.77	0	62	
63	1992	0	316	1.79	0	63	
64	1993	0	324	1.75	0	64	
65	1994	0	331	1.71	0	65	
66	1995	0	333	1.70	0	66	
67	1996	0	336	1.69	0	67	
68	1997	0	351	1.62	0	68	
69	1998	0	380	1.49	0	69	
70	1999	0	385	1.47	0	70	
71	2000	0	389	1.46	0	71	
72	2001	28,216	390	1.45	40,913	72	
73	2002	3,117	395	1.44	4,488	73	
74	2003	0	401	1.41	0	74	
75	2004	9,686	414	1.37	13,270	75	
76	2005	26,730	439	1.29	34,482	76	
77	2006	5,013	457	1.24	6,216	77	
78	2007	80,661	469	1.21	97,600	78	
79	2008	0	485	1.17	0	79	
80	2009	17,816	501	1.13	20,132	80	
81	2010	44,295	503	1.13	50,053	81	
82	2011	149,171	516	1.10	164,088	82	
83	2012	115,235	538	1.05	120,997	83	
84	2013	87,743	551	1.03	90,375	84	
85	2014	56,773	560	1.01	57,341	85	
86	2015	0	567	1.00	0	86	
87	Total	\$ 624,456			\$ 699,955	87	

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Year Installed (a)	Account 395 - Laboratory Equipment			RCN Cost (e)	Line No.
		Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)		
1	1930	\$ 0	11	39.00	\$ 0	1
2	1931	0	11	39.00	0	2
3	1932	0	11	39.00	0	3
4	1933	0	11	39.00	0	4
5	1934	0	11	39.00	0	5
6	1935	0	11	39.00	0	6
7	1936	0	12	35.75	0	7
8	1937	0	13	33.00	0	8
9	1938	0	13	33.00	0	9
10	1939	0	13	33.00	0	10
11	1940	0	13	33.00	0	11
12	1941	0	13	33.00	0	12
13	1942	0	15	28.60	0	13
14	1943	0	15	28.60	0	14
15	1944	0	15	28.60	0	15
16	1945	0	16	26.81	0	16
17	1946	0	20	21.45	0	17
18	1947	0	23	18.65	0	18
19	1948	0	26	16.50	0	19
20	1949	0	26	16.50	0	20
21	1950	0	27	15.89	0	21
22	1951	0	29	14.79	0	22
23	1952	0	31	13.84	0	23
24	1953	0	33	13.00	0	24
25	1954	0	34	12.62	0	25
26	1955	0	36	11.92	0	26
27	1956	0	39	11.00	0	27
28	1957	0	41	10.46	0	28
29	1958	0	42	10.21	0	29
30	1959	0	45	9.53	0	30
31	1960	0	46	9.33	0	31
32	1961	0	51	8.41	0	32
33	1962	0	53	8.09	0	33
34	1963	0	55	7.80	0	34
35	1964	0	57	7.53	0	35
36	1965	0	60	7.15	0	36
37	1966	0	62	6.92	0	37
38	1967	0	66	6.50	0	38
39	1968	0	70	6.13	0	39
40	1969	0	74	5.80	0	40
41	1970	0	81	5.30	0	41
42	1971	0	87	4.93	0	42
43	1972	0	94	4.56	0	43
44	1973	0	100	4.29	0	44
45	1974	0	109	3.94	0	45
46	1975	0	123	3.49	0	46
47	1976	0	130	3.30	0	47
48	1977	0	141	3.04	0	48
49	1978	0	151	2.84	0	49
50	1979	0	164	2.62	0	50
51	1980	0	178	2.41	0	51
52	1981	0	186	2.31	0	52
53	1982	0	203	2.11	0	53
54	1983	0	209	2.05	0	54
55	1984	0	212	2.02	0	55
56	1985	0	211	2.03	0	56
57	1986	0	218	1.97	0	57
58	1987	0	226	1.90	0	58
59	1988	0	219	1.96	0	59
60	1989	0	213	2.01	0	60
61	1990	0	228	1.88	0	61
62	1991	0	242	1.77	0	62
63	1992	0	249	1.72	0	63
64	1993	0	260	1.65	0	64
65	1994	0	257	1.67	0	65
66	1995	0	246	1.74	0	66
67	1996	0	250	1.72	0	67
68	1997	0	251	1.71	0	68
69	1998	0	254	1.69	0	69
70	1999	0	261	1.64	0	70
71	2000	0	268	1.60	0	71
72	2001	0	280	1.53	0	72
73	2002	46,970	289	1.48	69,516	73
74	2003	0	293	1.46	0	74
75	2004	15,738	298	1.44	22,663	75
76	2005	44,639	303	1.42	63,387	76
77	2006	0	305	1.41	0	77
78	2007	41,607	317	1.35	56,169	78
79	2008	15,774	337	1.27	20,033	79
80	2009	181,419	359	1.19	215,889	80
81	2010	0	375	1.14	0	81
82	2011	48,182	387	1.11	53,482	82
83	2012	4,376	405	1.06	4,639	83
84	2013	296,878	412	1.04	308,753	84
85	2014	219,851	427	1.00	219,851	85
86	2015	0	429	1.00	0	86
87	Total	\$ 915,434			\$ 1,034,382	87

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015

Line No.	Account 396 - Power Operated Equipment					RCN Cost	Line No.
	Year Installed	Original Cost	H - W Index	Ratio To Current Index			
	(a)	(b)	(c)	(d)	(e)		
1	1930	\$ 0	22	25.77	\$	0	1
2	1931	0	20	28.35		0	2
3	1932	0	19	29.84		0	3
4	1933	0	19	29.84		0	4
5	1934	0	20	28.35		0	5
6	1935	0	21	27.00		0	6
7	1936	0	21	27.00		0	7
8	1937	0	23	24.65		0	8
9	1938	0	23	24.65		0	9
10	1939	0	23	24.65		0	10
11	1940	0	24	23.63		0	11
12	1941	0	25	22.68		0	12
13	1942	0	28	20.25		0	13
14	1943	0	29	19.55		0	14
15	1944	0	29	19.55		0	15
16	1945	0	29	19.55		0	16
17	1946	0	34	16.68		0	17
18	1947	0	37	15.32		0	18
19	1948	0	39	14.54		0	19
20	1949	0	40	14.18		0	20
21	1950	0	42	13.50		0	21
22	1951	0	45	12.60		0	22
23	1952	0	46	12.33		0	23
24	1953	0	49	11.57		0	24
25	1954	0	49	11.57		0	25
26	1955	0	51	11.12		0	26
27	1956	0	55	10.31		0	27
28	1957	0	59	9.61		0	28
29	1958	0	62	9.15		0	29
30	1959	0	64	8.86		0	30
31	1960	0	65	8.72		0	31
32	1961	0	67	8.46		0	32
33	1962	0	67	8.46		0	33
34	1963	0	68	8.34		0	34
35	1964	0	70	8.10		0	35
36	1965	0	71	7.99		0	36
37	1966	0	73	7.77		0	37
38	1967	0	76	7.46		0	38
39	1968	0	80	7.09		0	39
40	1969	0	84	6.75		0	40
41	1970	0	88	6.44		0	41
42	1971	0	93	6.10		0	42
43	1972	0	95	5.97		0	43
44	1973	0	100	5.67		0	44
45	1974	0	117	4.85		0	45
46	1975	0	141	4.02		0	46
47	1976	0	153	3.71		0	47
48	1977	0	164	3.46		0	48
49	1978	0	178	3.19		0	49
50	1979	0	197	2.88		0	50
51	1980	0	222	2.55		0	51
52	1981	0	246	2.30		0	52
53	1982	0	263	2.16		0	53
54	1983	0	269	2.11		0	54
55	1984	0	273	2.08		0	55
56	1985	0	276	2.05		0	56
57	1986	0	280	2.03		0	57
58	1987	0	286	1.98		0	58
59	1988	0	295	1.92		0	59
60	1989	0	281	2.02		0	60
61	1990	0	298	1.90		0	61
62	1991	0	320	1.77		0	62
63	1992	0	316	1.79		0	63
64	1993	0	324	1.75		0	64
65	1994	0	331	1.71		0	65
66	1995	0	333	1.70		0	66
67	1996	0	336	1.69		0	67
68	1997	0	351	1.62		0	68
69	1998	0	380	1.49		0	69
70	1999	0	385	1.47		0	70
71	2000	0	389	1.46		0	71
72	2001	0	390	1.45		0	72
73	2002	0	395	1.44		0	73
74	2003	0	401	1.41		0	74
75	2004	0	414	1.37		0	75
76	2005	0	439	1.29		0	76
77	2006	0	457	1.24		0	77
78	2007	0	469	1.21		0	78
79	2008	0	485	1.17		0	79
80	2009	0	501	1.13		0	80
81	2010	11,760	503	1.13		13,289	81
82	2011	0	516	1.10		0	82
83	2012	0	538	1.05		0	83
84	2013	0	551	1.03		0	84
85	2014	0	560	1.01		0	85
86	2015	0	567	1.00		0	86
87	Total	\$ 11,760			\$	13,289	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 397 - Communication Equipment					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	15	29.67	\$	0	1
2	1931	0	15	29.67		0	2
3	1932	0	15	29.67		0	3
4	1933	0	15	29.67		0	4
5	1934	0	15	29.67		0	5
6	1935	0	15	29.67		0	6
7	1936	0	15	29.67		0	7
8	1937	0	17	26.18		0	8
9	1938	0	17	26.18		0	9
10	1939	0	17	26.18		0	10
11	1940	0	17	26.18		0	11
12	1941	0	18	24.72		0	12
13	1942	0	19	23.42		0	13
14	1943	0	19	23.42		0	14
15	1944	0	19	23.42		0	15
16	1945	0	19	23.42		0	16
17	1946	0	21	21.19		0	17
18	1947	0	24	18.54		0	18
19	1948	0	26	17.12		0	19
20	1949	0	28	15.89		0	20
21	1950	0	30	14.83		0	21
22	1951	0	31	14.35		0	22
23	1952	0	33	13.48		0	23
24	1953	0	34	13.09		0	24
25	1954	0	36	12.36		0	25
26	1955	0	37	12.03		0	26
27	1956	0	39	11.41		0	27
28	1957	0	41	10.85		0	28
29	1958	0	42	10.60		0	29
30	1959	0	45	9.89		0	30
31	1960	0	46	9.67		0	31
32	1961	0	49	9.08		0	32
33	1962	0	51	8.73		0	33
34	1963	0	52	8.56		0	34
35	1964	0	54	8.24		0	35
36	1965	0	57	7.81		0	36
37	1966	0	58	7.67		0	37
38	1967	0	62	7.18		0	38
39	1968	0	64	6.95		0	39
40	1969	0	69	6.45		0	40
41	1970	0	78	5.71		0	41
42	1971	0	88	5.06		0	42
43	1972	0	95	4.68		0	43
44	1973	0	100	4.45		0	44
45	1974	0	109	4.08		0	45
46	1975	0	122	3.65		0	46
47	1976	0	131	3.40		0	47
48	1977	0	142	3.13		0	48
49	1978	0	151	2.95		0	49
50	1979	0	160	2.78		0	50
51	1980	0	170	2.62		0	51
52	1981	0	185	2.41		0	52
53	1982	0	206	2.16		0	53
54	1983	0	218	2.04		0	54
55	1984	0	220	2.02		0	55
56	1985	0	214	2.08		0	56
57	1986	0	215	2.07		0	57
58	1987	0	216	2.06		0	58
59	1988	0	215	2.07		0	59
60	1989	0	214	2.08		0	60
61	1990	0	220	2.02		0	61
62	1991	0	225	1.98		0	62
63	1992	0	232	1.92		0	63
64	1993	0	236	1.89		0	64
65	1994	0	239	1.86		0	65
66	1995	0	247	1.80		0	66
67	1996	0	254	1.75		0	67
68	1997	0	257	1.73		0	68
69	1998	0	265	1.68		0	69
70	1999	0	275	1.62		0	70
71	2000	39,283	285	1.56		61,281	71
72	2001	98,058	299	1.49		146,106	72
73	2002	580,933	309	1.44		836,544	73
74	2003	266,051	318	1.40		372,471	74
75	2004	53,733	327	1.36		73,077	75
76	2005	417,383	337	1.32		550,946	76
77	2006	41,782	345	1.29		53,899	77
78	2007	0	354	1.26		0	78
79	2008	405,459	365	1.22		494,660	79
80	2009	1,742,481	382	1.16		2,021,278	80
81	2010	193,611	406	1.10		212,972	81
82	2011	594,239	416	1.07		635,836	82
83	2012	919,185	424	1.05		965,144	83
84	2013	1,046,489	429	1.04		1,088,349	84
85	2014	259,365	437	1.02		264,552	85
86	2015	16,807	445	1.00		16,807	86
87	Total	\$ 6,674,859			\$	7,793,922	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 397.2 - Telemetry Equipment					RCN Cost (e)	Line No.
	Year Installed (a)	Original Cost (b)	H - W Index (c)	Ratio To Current Index (d)			
1	1930	\$ 0	15	29.67	\$	0	1
2	1931	0	15	29.67		0	2
3	1932	0	15	29.67		0	3
4	1933	0	15	29.67		0	4
5	1934	0	15	29.67		0	5
6	1935	0	15	29.67		0	6
7	1936	0	15	29.67		0	7
8	1937	0	17	26.18		0	8
9	1938	0	17	26.18		0	9
10	1939	0	17	26.18		0	10
11	1940	0	17	26.18		0	11
12	1941	0	18	24.72		0	12
13	1942	0	19	23.42		0	13
14	1943	0	19	23.42		0	14
15	1944	0	19	23.42		0	15
16	1945	0	19	23.42		0	16
17	1946	0	21	21.19		0	17
18	1947	0	24	18.54		0	18
19	1948	0	26	17.12		0	19
20	1949	0	28	15.89		0	20
21	1950	0	30	14.83		0	21
22	1951	0	31	14.35		0	22
23	1952	0	33	13.48		0	23
24	1953	0	34	13.09		0	24
25	1954	0	36	12.36		0	25
26	1955	0	37	12.03		0	26
27	1956	0	39	11.41		0	27
28	1957	0	41	10.85		0	28
29	1958	0	42	10.60		0	29
30	1959	0	45	9.89		0	30
31	1960	0	46	9.67		0	31
32	1961	0	49	9.08		0	32
33	1962	0	51	8.73		0	33
34	1963	0	52	8.56		0	34
35	1964	0	54	8.24		0	35
36	1965	0	57	7.81		0	36
37	1966	0	58	7.67		0	37
38	1967	0	62	7.18		0	38
39	1968	0	64	6.95		0	39
40	1969	0	69	6.45		0	40
41	1970	0	78	5.71		0	41
42	1971	0	88	5.06		0	42
43	1972	0	95	4.68		0	43
44	1973	0	100	4.45		0	44
45	1974	0	109	4.08		0	45
46	1975	0	122	3.65		0	46
47	1976	0	131	3.40		0	47
48	1977	0	142	3.13		0	48
49	1978	0	151	2.95		0	49
50	1979	0	160	2.78		0	50
51	1980	0	170	2.62		0	51
52	1981	0	185	2.41		0	52
53	1982	0	206	2.16		0	53
54	1983	0	218	2.04		0	54
55	1984	0	220	2.02		0	55
56	1985	0	214	2.08		0	56
57	1986	0	215	2.07		0	57
58	1987	0	216	2.06		0	58
59	1988	0	215	2.07		0	59
60	1989	0	214	2.08		0	60
61	1990	0	220	2.02		0	61
62	1991	0	225	1.98		0	62
63	1992	0	232	1.92		0	63
64	1993	0	236	1.89		0	64
65	1994	0	239	1.86		0	65
66	1995	0	247	1.80		0	66
67	1996	0	254	1.75		0	67
68	1997	0	257	1.73		0	68
69	1998	0	265	1.68		0	69
70	1999	0	275	1.62		0	70
71	2000	0	285	1.56		0	71
72	2001	0	299	1.49		0	72
73	2002	0	309	1.44		0	73
74	2003	0	318	1.40		0	74
75	2004	0	327	1.36		0	75
76	2005	0	337	1.32		0	76
77	2006	0	345	1.29		0	77
78	2007	0	354	1.26		0	78
79	2008	0	365	1.22		0	79
80	2009	0	382	1.16		0	80
81	2010	0	406	1.10		0	81
82	2011	0	416	1.07		0	82
83	2012	0	424	1.05		0	83
84	2013	0	429	1.04		0	84
85	2014	2,241	437	1.02		2,286	85
86	2015	0	445	1.00		0	86
87	Total	\$ 2,241			\$	2,286	87

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
RCN COST OF GAS PLANT IN SERVICE AS OF NOVEMBER 30, 2015**

Line No.	Account 398 - Miscellaneous Equipment					RCN Cost (e)	Line No.
	Year	Original Cost	H - W Index	Ratio To Current Index			
	(a)	(b)	(c)	(d)	(e)		
1	1930	\$ 0	15	29.67	\$	0	1
2	1931	0	15	29.67		0	2
3	1932	0	15	29.67		0	3
4	1933	0	15	29.67		0	4
5	1934	0	15	29.67		0	5
6	1935	0	15	29.67		0	6
7	1936	0	15	29.67		0	7
8	1937	0	17	26.18		0	8
9	1938	0	17	26.18		0	9
10	1939	0	17	26.18		0	10
11	1940	0	17	26.18		0	11
12	1941	0	18	24.72		0	12
13	1942	0	19	23.42		0	13
14	1943	0	19	23.42		0	14
15	1944	0	19	23.42		0	15
16	1945	0	19	23.42		0	16
17	1946	0	21	21.19		0	17
18	1947	0	24	18.54		0	18
19	1948	0	26	17.12		0	19
20	1949	0	28	15.89		0	20
21	1950	0	30	14.83		0	21
22	1951	0	31	14.35		0	22
23	1952	0	33	13.48		0	23
24	1953	0	34	13.09		0	24
25	1954	0	36	12.36		0	25
26	1955	0	37	12.03		0	26
27	1956	0	39	11.41		0	27
28	1957	0	41	10.85		0	28
29	1958	0	42	10.60		0	29
30	1959	0	45	9.89		0	30
31	1960	0	46	9.67		0	31
32	1961	0	49	9.08		0	32
33	1962	0	51	8.73		0	33
34	1963	0	52	8.56		0	34
35	1964	0	54	8.24		0	35
36	1965	0	57	7.81		0	36
37	1966	0	58	7.67		0	37
38	1967	0	62	7.18		0	38
39	1968	0	64	6.95		0	39
40	1969	0	69	6.45		0	40
41	1970	0	78	5.71		0	41
42	1971	0	88	5.06		0	42
43	1972	0	95	4.68		0	43
44	1973	0	100	4.45		0	44
45	1974	0	109	4.08		0	45
46	1975	0	122	3.65		0	46
47	1976	0	131	3.40		0	47
48	1977	0	142	3.13		0	48
49	1978	0	151	2.95		0	49
50	1979	0	160	2.78		0	50
51	1980	0	170	2.62		0	51
52	1981	0	185	2.41		0	52
53	1982	0	206	2.16		0	53
54	1983	0	218	2.04		0	54
55	1984	0	220	2.02		0	55
56	1985	0	214	2.08		0	56
57	1986	0	215	2.07		0	57
58	1987	0	216	2.06		0	58
59	1988	0	215	2.07		0	59
60	1989	0	214	2.08		0	60
61	1990	0	220	2.02		0	61
62	1991	0	225	1.98		0	62
63	1992	0	232	1.92		0	63
64	1993	0	236	1.89		0	64
65	1994	0	239	1.86		0	65
66	1995	0	247	1.80		0	66
67	1996	0	254	1.75		0	67
68	1997	0	257	1.73		0	68
69	1998	0	265	1.68		0	69
70	1999	0	275	1.62		0	70
71	2000	0	285	1.56		0	71
72	2001	34,477	299	1.49		51,371	72
73	2002	66,614	309	1.44		95,924	73
74	2003	235,306	318	1.40		329,428	74
75	2004	26,454	327	1.36		35,977	75
76	2005	36,478	337	1.32		48,151	76
77	2006	88,395	345	1.29		114,030	77
78	2007	8,989	354	1.26		11,326	78
79	2008	42,617	365	1.22		51,993	79
80	2009	67,497	382	1.16		78,297	80
81	2010	83,004	406	1.10		91,304	81
82	2011	30,846	416	1.07		33,005	82
83	2012	32,528	424	1.05		34,154	83
84	2013	14,287	429	1.04		14,858	84
85	2014	315,147	437	1.02		321,450	85
86	2015	67,664	445	1.00		67,664	86
87	Total	\$ 1,150,303				\$ 1,378,932	87
Grand Total		\$ 84,691,433				\$ 102,751,175	

SOUTHWEST GAS CORPORATION
ARIZONA
ALLOCATION OF RCND RESERVE BASED ON GAS PLANT IN SERVICE
AS OF NOVEMBER 30, 2015

Line No.	Description (a)	Arizona (b)	System Allocable (c)	Line No.
<u>Gas Plant In Service:</u>				
1	Intangible Plant	\$ 4,142,371	\$ 194,908,990	1
2	Distribution Plant	2,863,182,320	0	2
3	General Plant	147,236,878	84,691,433	3
4	Total Gas Plant In Service	<u>\$ 3,014,561,569</u>	<u>\$ 279,600,423</u>	4
<u>Accumulated Provision:</u>				
5	Intangible Plant	\$ 2,797,303	\$ 149,402,519	5
6	Distribution Plant	1,277,350,037	0	6
7	General Plant	5,002,385	28,423,588	7
8	Total Accumulated Provision	<u>\$ 1,285,149,725</u>	<u>\$ 177,826,107</u>	8
<u>Percentage of Accumulated Reserve to Gas Plant In Service:</u>				
9	Intangible Plant	67.53%	76.65%	9
10	Distribution Plant	44.61%	N/A	10
11	General Plant	3.40%	33.56%	11

Source: Company Records

**SOUTHWEST GAS CORPORATION
ARIZONA
WORKING CAPITAL ALLOWANCE COMPUTATION
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Amount (c)	Line No.
1	Cash Working Capital	Sch B-5, Sh 2	\$ (4,113,676)	1
2	Materials and Supplies	Sch B-5, Sh 3	15,364,326	2
3	Prepayments	Sch B-5, Sh 4	<u>6,885,291</u>	3
4	Total Working Capital Allowance	Sum Lns 1-3	<u>\$ 18,135,941</u>	4
			Sch B-1, Sh 1	

**SOUTHWEST GAS CORPORATION
ARIZONA
CASH WORKING CAPITAL
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Cost (c)	Lag Days (d) D.72723	Dollar Days (e) (c) * (d)	Line No.
1	Cost of Gas [1]	Sch C-2, Adj 2, Sh 1	\$ 256,651,324	42.43	\$ 10,889,715,682	1
2	Labor and Labor Loading	Sch C-1	134,338,717	10.90	1,464,292,019	2
3	Provision for Uncollected Accounts	Sch C-1 and A-1	2,369,037	120.00	284,284,429	3
4	Other O&M Expense	Ln 5 - Lns 1-3	96,289,296	2.03	195,467,270	4
5	Total O&M Expense	Sch A-1	<u>\$ 489,648,374</u>	<u>26.21</u>	<u>\$ 12,833,759,400</u>	5
6	Interest	Sch C-1, Sh 16, Ln 24	\$ 33,627,705	91.00	\$ 3,060,121,176	6
7	Taxes Other than Income Taxes	Sch A-1	41,628,621	174.28	7,255,036,052	7
8	Income Taxes - Current	Sch C-1, Sh 16, Ln 21	46,530,675	37.00	1,721,634,963	8
9	Total Operating Expenses	Sum Lns 5-9	<u>\$ 611,435,375</u>	<u>40.68</u>	<u>\$ 24,870,551,591</u>	9
10	Number of Days in Test Period		365			10
11	Average Daily Operating Expense	Ln 9 / Ln 10	\$ 1,675,165			11
12	Lag in Receipt of Revenue	D.72723		<u>38.22</u>		12
13	Net Difference Revenue - Expense Lag	Ln 12(d) - Ln 9(d)	<u>(2.46)</u>			13
14	Cash Working Capital	Ln 11 * Ln 13 Sch B-5, Sh 1, Ln 1	<u>\$ (4,113,676)</u>			14

[1] Gas Costs adjusted for present volumes and rates.

**SOUTHWEST GAS CORPORATION
ARIZONA
MATERIALS AND SUPPLIES
FOR THE THIRTEEN MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Account Number			System	Total (g)	Line No.
			154	155	163	Allocable		
			(c)	(d)	(e)	(f)		
			Company Records	Company Records	Company Records	WP B-5, Sh 1	Sum Cols (c) - (f)	
1	November 2014		\$ 14,737,078	\$ 31,215	\$ 127,702	\$ (9,833)	\$ 14,886,162	1
2	December 2014		15,034,650	38,428	70,681	(9,833)	15,133,927	2
3	January 2015		14,599,440	43,078	117,613	(9,833)	14,750,298	3
4	February 2015		14,102,748	38,655	155,757	(9,833)	14,287,327	4
5	March 2015		13,445,045	35,417	766,608	(9,833)	14,237,237	5
6	April 2015		13,527,596	41,405	349,531	(9,833)	13,908,699	6
7	May 2015		15,461,255	43,697	584,220	(9,833)	16,079,339	7
8	June 2015		15,801,237	51,699	527,420	(9,833)	16,370,523	8
9	July 2015		16,337,549	48,619	580,767	(9,833)	16,957,102	9
10	August 2015		16,254,917	49,073	700,376	(9,833)	16,994,533	10
11	September 2015		15,555,183	45,081	546,743	(9,833)	16,137,174	11
12	October 2015		14,971,675	46,957	415,463	(9,833)	15,424,263	12
13	November 2015		14,186,608	39,627	353,254	(9,833)	14,569,656	13
14	Thirteen Month Total	Sum Lns 1-13	\$ 194,014,983	\$ 552,950	\$ 5,296,133	\$ (127,827)	\$ 199,736,240	14
15	Thirteen Month Average	Ln 14/13	\$ 14,924,229	\$ 42,535	\$ 407,395	\$ (9,833)	\$ 15,364,326	15
16	Test Year M&S	Ln 15					\$ 15,364,326	16

Sch B-5, Sh 1, Ln 2

**SOUTHWEST GAS CORPORATION
ARIZONA
PREPAYMENTS**

FOR THE THIRTEEN MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Reference (b)	Postage		Insurance-Other		General Office Supplies		Total (f)	No.	
			Company Records	16500001 (c)	Company Records	16501129 (d)	Company Records	16501132 (e)			Sum Cols (c)-(e)
1	November 2014		\$	646,031	\$	9,784,554	\$	9,260	\$	10,439,845	1
2	December 2014			785,048		11,342,439		10,443		12,137,930	2
3	January 2015			953,922		10,212,706		12,075		11,178,703	3
4	February 2015			1,158,646		10,104,820		12,957		11,276,423	4
5	March 2015			532,751		9,400,305		6,892		9,939,948	5
6	April 2015			658,047		8,543,585		4,843		9,206,475	6
7	May 2015			861,285		9,751,198		9,815		10,622,298	7
8	June 2015			1,013,813		8,542,799		6,872		9,563,484	8
9	July 2015			1,149,947		17,602,647		12,844		18,765,438	9
10	August 2015			534,620		15,939,015		17,680		16,491,316	10
11	September 2015			714,504		15,231,809		29,429		15,975,742	11
12	October 2015			857,606		13,732,264		26,340		14,616,210	12
13	November 2015			1,113,279		12,519,873		29,023		13,662,174	13
14	Thirteen Month Total	Sum Lns 1-13	\$	10,979,498	\$	152,708,013	\$	188,474	\$	163,875,985	14
15	Thirteen Month Average	Ln 14/13	\$	844,577	\$	11,746,770	\$	14,498	\$	12,605,845	15
16	Deferred Taxes	Ln 15 * Sch C-3, Sh 2, Ln 4(c)		325,795		0		0		325,795	16
17	Balance Net of Deferred Taxes	Ln 15 - Ln 16	\$	518,781	\$	11,746,770	\$	14,498	\$	12,280,050	17
18	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)								56.07%	18
19	Prepayments Allocated to AZ	Ln 17 * Ln 18	\$		\$		\$		\$	6,885,291	19

**SOUTHWEST GAS CORPORATION
ARIZONA
CUSTOMER DEPOSITS
FOR THE THIRTEEN MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Account 235 Balance (c)	Line No.
			Company Records	
1	November 2014		\$ 38,441,366	1
2	December 2014		38,673,546	2
3	January 2015		38,837,665	3
4	February 2015		39,084,952	4
5	March 2015		39,199,229	5
6	April 2015		39,458,628	6
7	May 2015		39,673,476	7
8	June 2015		39,650,783	8
9	July 2015		39,646,018	9
10	August 2015		39,541,383	10
11	September 2015		39,375,972	11
12	October 2015		39,312,414	12
13	November 2015		<u>39,403,805</u>	13
14	Thirteen Month Total	Sum Lns 1-13	\$ <u>510,299,237</u>	14
15	Thirteen Month Average	Ln 14/13	\$ <u><u>39,253,787</u></u>	15
16	Test Year Customer Deposits	Ln 15	\$ <u><u>39,253,787</u></u>	16

Sch B-1, Sh 1, Ln 11

**SOUTHWEST GAS CORPORATION
ARIZONA
CUSTOMER ADVANCES
FOR THE THIRTEEN MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	Account 252 Balance (c)	Line No.
			Company Records	
1	November 2014		\$ 36,142,011	1
2	December 2014		37,147,019	2
3	January 2015		37,685,278	3
4	February 2015		37,645,212	4
5	March 2015		37,913,987	5
6	April 2015		38,103,816	6
7	May 2015		39,126,765	7
8	June 2015		39,386,839	8
9	July 2015		39,368,746	9
10	August 2015		39,696,270	10
11	September 2015		40,285,453	11
12	October 2015		40,932,971	12
13	November 2015		41,169,220	13
14	Thirteen Month Total	Sum Lns 1-13	\$ <u>504,603,588</u>	14
15	Thirteen Month Average	Ln 14/13	\$ <u><u>38,815,661</u></u>	15
16	Test Year Customer Advances	Ln 15	\$ <u><u>38,815,661</u></u>	16

Sch B-1, Sh 1, Ln 12

**SOUTHWEST GAS CORPORATION
ARIZONA
DEFERRED TAXES AS RECORDED
AT NOVEMBER 30, 2015**

Line No.	Description (a)	Reference (b)	AZ Direct (c) Company Records	System Allocable (d) Company Records	After 4-Factor Allocation (e) Col (d) * Ln 5(e)	Total (f) (c) + (e)	Line No.
1	Deferred Tax Liability - State	Account 282	\$ 22,948,627	\$ 0	\$ 0	22,948,627	1
2	Deferred Tax Liability - Federal	Account 282	351,546,732	32,616,584	18,287,766	369,834,498	2
3	Less: Alternative Minimum Tax	Account 190	0	1,783,867	1,000,195	1,000,195	3
4	Total	Ln 1 + Ln 2 - Ln 3	<u>\$ 374,495,359</u>	<u>\$ 30,832,717</u>	<u>\$ 17,287,571</u>	<u>\$ 391,782,930</u>	4
						Sch B-1, Sh 1, Ln 13	
5	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)			56.07%		5

**SOUTHWEST GAS CORPORATION
 ARIZONA
 DEFERRED TAXES AS ADJUSTED
 AT NOVEMBER 30, 2015
 ADJUSTMENT NO. 20**

Line No.	Description (a)	Reference (b)	AZ Direct (c) Company Records	System Allocable (d) Company Records	After 4-Factor Allocation (e) Col (d) * Ln 13(e)	Total (f) (c) + (e)	Line No.
<u>As Recorded</u>							
1	Deferred Tax Liability - State	Sch B-6, Sh 3	\$ 22,948,627	\$ 0	\$ 0	\$ 22,948,627	1
2	Deferred Tax Liability - Federal	Sch B-6, Sh 3	351,546,732	32,616,584	18,287,766	369,834,498	2
3	Less: Alternative Minimum Tax	Sch B-6, Sh 3	0	1,783,867	1,000,195	1,000,195	3
4	Total	Ln 1 + Ln 2 - Ln 3	<u>\$ 374,495,359</u>	<u>\$ 30,832,717</u>	<u>\$ 17,287,571</u>	<u>\$ 391,782,930</u>	4
<u>Adjustments</u>							
5	Deferred Tax Liability - State	WP B-6, Adj. 20, Sh 1	\$ 792,754	\$ 0	\$ 0	\$ 792,754	5
6	Deferred Tax Liability - Federal	WP B-6, Adj. 20, Sh 1	39,936,605	838,206	469,973	40,406,578	6
7	Less: Alternative Minimum Tax	WP B-6, Adj. 20, Sh 1	0	4,311,976	2,417,678	2,417,678	7
8	Total	Ln 5 + Ln 6 - Ln 7	<u>\$ 40,729,359</u>	<u>\$ (3,473,770)</u>	<u>\$ (1,947,705)</u>	<u>\$ 38,781,654</u>	8
						Sch C-2, Sh 2, Col(k)	
<u>As Adjusted</u>							
9	Deferred Tax Liability - State	Ln 1 + Ln 5	\$ 23,741,381	\$ 0	\$ 0	\$ 23,741,381	9
10	Deferred Tax Liability - Federal	Ln 2 + Ln 6	391,483,337	33,454,790	18,757,739	410,241,076	10
11	Less: Alternative Minimum Tax	Ln 3 + Ln 7	0	6,095,843	3,417,873	3,417,873	11
12	Total	Ln 9 + Ln 10 - Ln 11	<u>\$ 415,224,718</u>	<u>\$ 27,358,947</u>	<u>\$ 15,339,865</u>	<u>\$ 430,564,584</u>	12
13	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)			56.07%		13

Schedule C

SOUTHWEST GAS CORPORATION
ARIZONA
ADJUSTED TEST YEAR INCOME STATEMENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Reference (Recorded) (b)	Recorded 11/30/2015 (c)	Adjustments (d) Sch C-2, Sh 2 Col(l)	Adjusted 11/30/2015 (e) (c) + (d)	Line No.
1	Operating Revenue	Sch C-2, Adj 1, Sh 1	\$ 759,679,827	\$ (277,998,422)	\$ 481,681,406	1
2	Gas Cost	Sch C-1, Sh 3	271,267,386	(271,267,386)	0	2
3	Operating Margin	Ln 1 - Ln 2	<u>\$ 488,412,441</u>	<u>\$ (6,731,035)</u>	<u>\$ 481,681,406</u>	3
	<u>Operating Expenses</u>					
4	Other Gas Costs	Sch C-1, Sh 3	\$ 1,285,440	\$ 59,985	\$ 1,345,425	4
5	Storage	Sch C-1, Sh 3	0	0	0	5
6	Distribution	Sch C-1, Sh 3	108,839,434	2,387,340	111,226,774	6
7	Customer Accounts	Sch C-1, Sh 3	24,550,962	3,276,138	27,827,100	7
8	Customer Service & Info.	Sch C-1, Sh 4	1,947,886	(1,075,395)	872,491	8
9	Sales	Sch C-1, Sh 4	13,141	(13,141)	0	9
	<u>Administrative & General</u>					
10	Direct	Sch C-1, Sh 9	4,651,301	1,400,707	6,052,009	10
11	System Allocable	Sch C-1, Sh 9	69,604,663	1,355,935	70,960,598	11
	<u>Depreciation & Amortization</u>					
12	Direct	Sch C-1, Sh 14	119,023,597	(35,899,029)	83,124,568	12
13	System Allocable	Sch C-1, Sh 14	10,508,622	2,287,744	12,796,366	13
14	Regulatory Amortizations	Sch C-1, Sh 14	7,963,027	(8,015,970)	(52,943)	14
15	Taxes Other Than Income	Sch C-1, Sh 15	34,291,273	7,337,348	41,628,621	15
16	Interest on Customer Deposits	Sch C-2, Adj. 16, Sh 1	2,320,178	35,049	2,355,227	16
17	Income Taxes	Sch C-1, Sh 16	26,498,643	7,753,492	34,252,135	17
18	Total Operating Expenses	Sum Lns 4-17	<u>\$ 411,498,169</u>	<u>\$ (19,109,799)</u>	<u>\$ 392,388,370</u>	18
19	Net Operating Income	Ln 3 - Ln 18	<u>\$ 76,914,272</u>	<u>\$ 12,378,763</u>	<u>\$ 89,293,036</u>	19
			Sch A-1, Sh 2 Col (b)	Sch A-1, Sh 2 Col (c)	Sch A-1, Sh 2 Col (d)	

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
ADJUSTED SALES VOLUMES AND REVENUES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Recorded At 11/30/2015 (b)	Adjustment No. 1 (c)	Test Period Balance As Adjusted (d)	Line No.
1	Sales Quantity (Therms) [1]	<u>476,029,471</u>	<u>58,004,810</u>	<u>534,034,281</u>	1
2	Revenue [1]	<u>\$ 759,679,827</u>	<u>\$ (277,998,422)</u>	<u>\$ 481,681,406</u>	2
3	Total Revenue Adjustment		<u>\$ (277,998,422)</u>		3

[1] Schedule C-2, Adjustment No. 1, Sheet 1.

**SOUTHWEST GAS CORPORATION
ARIZONA
OPERATIONS AND MAINTENANCE EXPENSE SUMMARY
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR**

Line No.	Description (a)	Account No./ Reference (b)	Recorded 11/30/2015 (c) Sch C-1, Sh 5-8 Col(c)	Adjustments (d) Col(e) - Col(c)	Adjusted 11/30/2015 (e) Sch C-1, Sh 5-8 Col(f)	Line No.
<u>Purchased Gas Cost</u>						
1	Natural Gas Transmission Line Purchases	803	\$ 155,721,732	\$ (155,721,732)	\$ 0	1
2	Purchased Gas Cost Adjustments	805.1	47,776,000	(47,776,000)	0	2
3	Gas Withdrawn From Storage	808.1	516,448	(516,448)	0	3
4	Gas Delivered To Storage	808.2	(530,629)	530,629	0	4
5	Gas Used for Compressor Station Fuel	810	0	0	0	5
6	Total Purchased Gas Cost	Sum Lns 1-5	\$ 203,483,551	\$ (203,483,551)	\$ 0	6
<u>Other Gas Costs</u>						
7	Other Gas Supply	813	\$ 1,285,440	\$ 59,985	\$ 1,345,425	7
<u>Storage</u>						
8	Placeholder	N/A	\$ 0	\$ 0	\$ 0	8
<u>Transmission</u>						
9	Transmission and Compression of Gas by Others	858	\$ 67,783,835	\$ (67,783,835)	\$ 0	9
<u>Distribution</u>						
10	Operation Supervision and Engineering	870	\$ 11,595,882	\$ 164,795	\$ 11,760,676	10
11	Operation Distribution Load Dispatching	871	525,221	24,232	549,454	11
12	Operation Mains and Services	874	10,736,039	122,198	10,858,237	12
13	Operation Measuring and Regulation Station	875	2,924,526	49,125	2,973,651	13
14	Operation Meter and House Regulator	878	10,008,937	167,331	10,176,268	14
15	Customer Installation	879	12,021,744	317,445	12,339,190	15
16	Other	880	14,447,019	204,582	14,651,601	16
17	Rents	881	378,114	(750)	377,364	17
18	Maintenance Supervision and Engineering	885	3,019,614	62,537	3,082,151	18
19	Maintenance of Structures and Improvements	886	96,089	52	96,140	19
20	Maintenance of Mains	887	22,864,691	227,129	23,091,820	20
21	Maintenance of Measuring and Reg. Station Eq.	889	2,378,747	36,129	2,414,876	21
22	Maintenance of Services	892	13,335,659	957,987	14,293,646	22
23	Maintenance of Meters and House Regulators	893	4,020,589	47,879	4,068,468	23
24	Maintenance of Other Equipment	894	486,563	6,671	493,233	24
25	Total Distribution	Sum Lns 10-24	\$ 108,839,434	\$ 2,387,340	\$ 111,226,774	25
<u>Customer Accounts</u>						
26	Supervision	901	\$ 1,729,395	\$ 75,423	\$ 1,804,819	26
27	Meter Reading	902	1,672,498	30,920	1,703,419	27
28	Customer Records and Collection	903	19,263,757	2,583,689	21,847,446	28
29	Uncollectible Accounts	904	1,690,345	582,100	2,272,445	29
30	Miscellaneous	905	194,967	4,004	198,971	30
31	Total Customer Accounts	Sum Lns 26-30	\$ 24,550,962	\$ 3,276,138	\$ 27,827,100	31

**SOUTHWEST GAS CORPORATION
ARIZONA
OPERATIONS AND MAINTENANCE EXPENSE SUMMARY
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR**

Line No.	Description (a)	Account No./ Reference (b)	Recorded 11/30/2015 (c) <small>Sch C-1, Sh 5-8 Col(c)</small>	Adjustments (d) <small>Col(e) - Col(c)</small>	Adjusted 11/30/2015 (e) <small>Sch C-1, Sh 5-8 Col(f)</small>	Line No.
<u>Customer Service and Information</u>						
1	Customer Assistance	908	\$ 1,586,691	\$ (1,061,337)	\$ 525,353	1
2	Informational and Instructional Advertising	909	0	0	0	2
3	Miscellaneous	910	361,196	(14,058)	347,138	3
4	Total Customer Service and Information	Sum Lns 1-3	<u>\$ 1,947,886</u>	<u>\$ (1,075,395)</u>	<u>\$ 872,491</u>	4
<u>Sales</u>						
5	Supervision	911	\$ 0	\$ 0	\$ 0	5
6	Demonstration and Selling	912	0	0	0	6
7	Advertising	913	13,141	(13,141)	0	7
8	Total Sales	Sum Lns 5-7	<u>\$ 13,141</u>	<u>\$ (13,141)</u>	<u>\$ 0</u>	8
9	Total O&M		<u>\$ 407,904,249</u>	<u>\$ (266,632,460)</u>	<u>\$ 141,271,789</u>	9
<u>Administrative and General (A&G)</u>						
			<small>Sch C-1, Sh 9, Col(l)</small>		<small>Sch C-1, Sh 13, Col(l)</small>	
10	A&G Salaries	920	\$ 43,961,999	\$ 383,823	\$ 44,345,823	10
11	Office Supplies and Expenses	921	8,477,187	(53,904)	8,423,284	11
12	A&G Expenses Transferred (Credit)	922	(8,216,294)	(70,368)	(8,286,662)	12
13	Outside Services	923	11,997,903	1,043,710	13,041,614	13
14	Property Insurance	924	264,404	(4,200)	260,204	14
15	Injuries and Damages	925	6,699,988	689,046	7,389,035	15
16	Employee Pension and Benefits	926	(1,730)	0	(1,730)	16
17	Regulatory Commission Expenses	928	108,888	35,112	144,000	17
18	Safety Advertising	930.1	859,732	0	859,732	18
19	Miscellaneous General	930.2	3,955,091	786,914	4,742,005	19
20	Rents	931	1,657,906	(81,132)	1,576,774	20
21	Maintenance of General Plant	935	4,490,889	27,639	4,518,527	21
22	Total A&G	Sum Lns 10-21	<u>\$ 74,255,965</u>	<u>\$ 2,756,642</u>	<u>\$ 77,012,607</u>	22
23	Total O&M and A&G	Ln 9 + Ln 22	<u>\$ 482,160,214</u>	<u>\$ (263,875,818)</u>	<u>\$ 218,284,396</u>	23

SOUTHWEST GAS CORPORATION
ARIZONA

OPERATIONS AND MAINTENANCE EXPENSE AS ADJUSTED
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No. (b)	Recorded 11/30/2015 (c)	Purchased Gas Cost Adj. No. 2 (d)	Labor/Loading Annualization Adj. No. 3 (e)	Call Center & Customer Supp. Adj. No. 4 (f)	Cost of Service Analysis Adj. No. 5 (g)	Employee Vehicles Adj. No. 6 (h)	Uncollectibles Annualization Adj. No. 7 (i)	Leak Survey and Repair Adj. No. 8 (j)	COYL Adj. No. 19 (k)	Adjusted 11/30/2015 (l)	Line No.
				Sch C-2, Adj. 2, Sh 1	Sch C-2, Adj. 3, Sh 1	Sch C-2, Adj. 4, Sh 1	Sch C-2, Adj. 5, Sh 1+ Sch C-2, Adj. 5, Sh 2	Sch C-2, Adj. 6, Sh 1	Sch C-2, Adj. 7, Sh 1	Sch C-2, Adj. 8, Sh 1	Sch B-2, Adj. 19, Sh 1	Sum Cols (l) - (k)	
Purchased Gas Costs													
1	Natural Gas Transmission Line Purchases	803	\$ 155,721,732	\$ (155,721,732)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	1
2	Purchased Gas Cost Adjustments	805.1	47,776,000	(47,776,000)	0	0	0	0	0	0	0	0	2
3	Gas Withdrawn From Storage	808.1	516,448	(516,448)	0	0	0	0	0	0	0	0	3
4	Gas Delivered To Storage	808.2	(530,629)	530,629	0	0	0	0	0	0	0	0	4
5	Gas Used for Compressor Station Fuel	810	0	0	0	0	0	0	0	0	0	0	5
6	Total	Sum Lns 1-5	\$ 203,483,551	\$ (203,483,551)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	6
Other Gas Costs													
7	Other Gas Supply	813	\$ 681,826	\$ 0	\$ 52,913	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	7
8	Labor Loadings		490,190	0	7,072	0	0	0	0	0	0	0	8
9	Materials and Expenses		113,424	0	0	0	0	0	0	0	0	0	9
10	Total		\$ 1,285,440	\$ 0	\$ 59,985	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	10
11	Storage Placeholder	N/A	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	11
12	Transmission and Compression of Gas by Others	858	\$ 67,783,835	\$ (67,783,835)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	12
Distribution													
13	Operation Supervision and Engineering	870	\$ 5,872,580	\$ 0	\$ 340,584	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	13
14	Labor Loadings		4,297,359	0	(112,191)	0	0	0	0	0	0	0	14
15	Materials and Expenses		1,425,943	0	0	0	(8,486)	(55,112)	0	0	0	1,362,345	15
16	Total		\$ 11,595,882	\$ 0	\$ 228,393	\$ 0	\$ (8,486)	\$ (55,112)	\$ 0	\$ 0	\$ 0	\$ 11,760,676	16
Operation Distribution Load Dispatching													
17	Labor	871	\$ 275,440	\$ 0	\$ 21,375	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 296,815	17
18	Labor Loadings		198,021	0	2,857	0	0	0	0	0	0	200,878	18
19	Materials and Expenses		51,760	0	0	0	0	0	0	0	0	51,760	19
20	Total		\$ 525,221	\$ 0	\$ 24,232	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 549,454	20
Operation Mains and Services													
21	Labor	874	\$ 3,207,802	\$ 0	\$ 184,985	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,392,787	21
22	Labor Loadings		2,349,634	0	(62,797)	0	0	0	0	0	0	2,286,837	22
23	Materials and Expenses		5,178,603	0	0	0	0	0	0	0	0	5,178,603	23
24	Total		\$ 10,736,039	\$ 0	\$ 122,188	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,858,237	24
Operation Measuring and Regulation Station													
25	Labor	875	\$ 1,288,505	\$ 0	\$ 74,286	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,362,790	25
26	Labor Loadings		941,719	0	(25,161)	0	0	0	0	0	0	916,558	26
27	Materials and Expenses		694,302	0	0	0	0	0	0	0	0	694,302	27
28	Total		\$ 2,924,526	\$ 0	\$ 49,125	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,973,651	28
Operation Meter and House Regulator													
29	Labor	878	\$ 4,361,919	\$ 0	\$ 251,553	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,613,472	29
30	Labor Loadings		3,151,283	0	(84,222)	0	0	0	0	0	0	3,067,060	30
31	Materials and Expenses		2,495,735	0	0	0	0	0	0	0	0	2,495,735	31
32	Total		\$ 10,008,937	\$ 0	\$ 167,331	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,176,268	32

SOUTHWEST GAS CORPORATION
ARIZONA

OPERATIONS AND MAINTENANCE EXPENSE AS ADJUSTED
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No. (b)	Recorded 11/30/2015 (c)	Purchased Gas Cost Adj. No. 2 (d)	Labor/Loading Annualization Adj. No. 3 (e)	Call Center & Customer Supp. Adj. No. 4 (f)	Cost of Service Analysis Adj. No. 5 (g)	Employee Vehicles Adj. No. 6 (h)	Uncollectibles Annualization Adj. No. 7 (i)	Leak Survey and Repair Adj. No. 8 (j)	COYL Adj. No. 19 (k)	Adjusted 11/30/2015 (l)	Line No.
													Sum Cols (e) - (k)
879	Customer Installation												
1	Labor		\$ 6,201,796	\$ 0	\$ 389,486	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,591,283	1
2	Labor Loadings		4,457,293	0	(72,041)	0	0	0	0	0	0	4,385,252	2
3	Materials and Expenses		1,362,655	0	0	0	0	0	0	0	0	1,362,655	3
4	Total		\$ 12,021,744	\$ 0	\$ 317,445	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 12,339,190	4
880	Other												
5	Labor		\$ 5,358,132	\$ 0	\$ 341,706	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,699,838	5
6	Labor Loadings		3,929,315	0	(56,382)	0	0	0	0	0	0	3,872,933	6
7	Materials and Expenses		5,159,572	0	0	0	(80,743)	0	0	0	0	5,078,829	7
8	Total		\$ 14,447,019	\$ 0	\$ 285,324	\$ 0	\$ (80,743)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 14,651,601	8
881	Rents		\$ 378,114	\$ 0	\$ 0	\$ 0	\$ (750)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 377,364	9
885	Maintenance Supervision and Engineering												
10	Labor		\$ 1,569,415	\$ 0	\$ 91,593	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,661,008	10
11	Labor Loadings		1,144,532	0	(29,055)	0	0	0	0	0	0	1,115,477	11
12	Materials and Expenses		305,666	0	0	0	0	0	0	0	0	305,666	12
13	Total		\$ 3,019,614	\$ 0	\$ 62,537	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,082,151	13
886	Maintenance of Structures and Improvements												
14	Labor		\$ 1,370	\$ 0	\$ 79	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,449	14
15	Labor Loadings		1,026	0	(27)	0	0	0	0	0	0	999	15
16	Materials and Expenses		93,692	0	0	0	0	0	0	0	0	93,692	16
17	Total		\$ 96,089	\$ 0	\$ 52	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 96,140	17
887	Maintenance of Mains												
18	Labor		\$ 5,953,859	\$ 0	\$ 343,360	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,297,219	18
19	Labor Loadings		4,348,252	0	(116,213)	0	0	0	0	(17)	0	4,232,038	19
20	Materials and Expenses		12,562,580	0	0	0	0	0	0	0	0	12,562,580	20
21	Total		\$ 22,864,691	\$ 0	\$ 227,147	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17)	\$ 0	\$ 23,091,820	21
889	Maintenance of Measuring and Reg. Station Eq.												
22	Labor		\$ 943,013	\$ 0	\$ 54,384	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 997,397	22
23	Labor Loadings		683,033	0	(18,255)	0	0	0	0	0	0	664,778	23
24	Materials and Expenses		752,700	0	0	0	0	0	0	0	0	752,700	24
25	Total		\$ 2,378,747	\$ 0	\$ 36,129	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,414,876	25
892	Maintenance of Services												
26	Labor		\$ 3,848,862	\$ 0	\$ 221,966	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,070,828	26
27	Labor Loadings		2,805,644	0	(74,965)	0	0	0	0	0	0	2,730,659	27
28	Materials and Expenses		6,681,153	0	0	0	0	0	0	(15)	811,022	7,492,159	28
29	Total		\$ 13,335,659	\$ 0	\$ 146,981	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15)	\$ 811,022	\$ 14,293,646	29

SOUTHWEST GAS CORPORATION
ARIZONA

OPERATIONS AND MAINTENANCE EXPENSE AS ADJUSTED
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No. (b)	Recorded 11/30/2015 (c)	Purchased Gas Cost Adj. No. 2 (d)	Labor/Loading Annualization Adj. No. 3 (e)	Call Center & Customer Supp. Adj. No. 4 (f)	Cost of Service Analysis Adj. No. 5 (g)	Employee Vehicles Adj. No. 6 (h)	Uncollectibles Annualization Adj. No. 7 (i)	Leak Survey and Repair Adj. No. 8 (j)	COYL Adj. No. 19 (k)	Adjusted 11/30/2015 (l)	Line No.
													Sum Cols (e) - (k)
Maintenance of Meters and House Regulators													
883													
1	Labor		\$ 1,255,135	\$ 0	\$ 72,384	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,327,519	1
2	Labor Loadings		916,894	0	(24,505)	0	0	0	0	0	0	892,388	2
3	Materials and Expenses		1,848,560	0	0	0	0	0	0	0	0	1,848,560	3
4	Total		\$ 4,020,589	\$ 0	\$ 47,879	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,068,468	4
Maintenance of Other Equipment													
884													
5	Labor		\$ 174,573	\$ 0	\$ 10,068	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 184,641	5
6	Labor Loadings		127,104	0	(3,357)	0	0	0	0	0	0	123,707	6
7	Materials and Expenses		184,886	0	0	0	0	0	0	0	0	184,886	7
8	Total		\$ 486,563	\$ 0	\$ 6,671	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 483,233	8
Total Distribution													
9	Labor		\$ 40,312,402	\$ 0	\$ 2,397,818	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 42,710,220	9
10	Labor Loadings		28,351,109	0	(976,375)	0	0	0	0	0	0	28,674,734	10
11	Materials and Expenses		38,175,923	0	0	0	(89,979)	(55,112)	0	(33)	811,022	39,841,820	11
12	Total		\$ 108,839,434	\$ 0	\$ 1,721,442	\$ 0	\$ (89,979)	\$ (55,112)	\$ 0	\$ (33)	\$ 811,022	\$ 111,226,774	12
Customer Accounts													
901													
13	Supervision		\$ 978,211	\$ 0	\$ 71,645	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,049,855	13
14	Labor		708,358	0	3,779	0	0	0	0	0	0	712,137	14
15	Labor Loadings		42,826	0	0	0	0	0	0	0	0	42,826	15
16	Total		\$ 1,729,395	\$ 0	\$ 75,423	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,804,819	16
Meter Reading													
902													
17	Labor		\$ 809,417	\$ 0	\$ 46,680	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 856,097	17
18	Labor Loadings		589,647	0	(15,759)	0	0	0	0	0	0	573,888	18
19	Materials and Expenses		273,434	0	0	0	0	0	0	0	0	273,434	19
20	Total		\$ 1,672,498	\$ 0	\$ 30,920	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,703,419	20
Customer Records and Collection													
903													
21	Labor		\$ 5,115,340	\$ 0	\$ 412,114	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,527,454	21
22	Labor Loadings		3,683,273	0	35,910	0	0	0	0	0	0	3,719,183	22
23	Materials and Expenses		10,465,144	0	0	2,180,175	(44,509)	0	0	0	0	12,600,809	23
24	Total		\$ 19,263,757	\$ 0	\$ 448,024	\$ 2,180,175	\$ (44,509)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 21,847,446	24
Uncollectible Accounts													
904													
25	Labor		\$ 1,690,345	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 582,100	\$ 0	\$ 0	\$ 2,272,445	25
Miscellaneous													
905													
26	Labor		\$ 105,182	\$ 0	\$ 6,066	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 111,248	26
27	Labor Loadings		77,144	0	(2,062)	0	0	0	0	0	0	75,082	27
28	Materials and Expenses		12,641	0	0	0	0	0	0	0	0	12,641	28
29	Total		\$ 194,967	\$ 0	\$ 4,004	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 198,971	29
Total Customer Accounts													
30	Labor		\$ 7,008,150	\$ 0	\$ 536,504	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,544,654	30
31	Labor Loadings		5,058,423	0	21,868	0	0	0	0	0	0	5,080,291	31
32	Materials and Expenses		12,484,389	0	0	2,180,175	(44,509)	0	582,100	0	0	15,202,155	32
33	Total		\$ 24,550,962	\$ 0	\$ 558,372	\$ 2,180,175	\$ (44,509)	\$ 0	\$ 582,100	\$ 0	\$ 0	\$ 27,827,100	33

SOUTHWEST GAS CORPORATION
ARIZONA

OPERATIONS AND MAINTENANCE EXPENSE AS ADJUSTED
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No. (b)	Recorded 11/30/2015 (c)	Purchased Gas Cost Adj. No. 2 (d)	Labor/Loading Annualization Adj. No. 3 (e)	Call Center & Customer Supp. Adj. No. 4 (f)	Cost of Service Analysis Adj. No. 5 (g)	Employee Vehicles Adj. No. 6 (h)	Uncollectibles Annualization Adj. No. 7 (i)	Leak Survey and Repair Adj. No. 8 (j)	COYL Adj. No. 19 (k)	Adjusted 11/30/2015 (l)
				Sch C-2, Adj. 3, Sh 1	Sch C-2, Adj. 3, Sh 1	Sch C-2, Adj. 4, Sh 1	Sch C-2, Adj. 5, Sh 1+ Sch C-2, Adj. 5, Sh 2	Sch C-2, Adj. 6, Sh 1	Sch C-2, Adj. 7, Sh 1	Sch C-2, Adj. 8, Sh 1	Sch B-2, Adj. 19, Sh 1	Sum Cols (l) - (k)
Customer Service and Information												
908	Customer Assistance											
1	Labor		\$ 276,365	\$ 0	\$ 21,447	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 297,812
2	Labor Loadings		200,151	0	2,888	0	0	0	0	0	0	203,039
3	Materials and Expenses		1,110,175	0	0	0	(1,085,672)	0	0	0	0	24,503
4	Total		\$ 1,586,691	\$ 0	\$ 24,335	\$ 0	\$ (1,085,672)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 525,353
909	Informational and Instructional Advertising											
5	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
6	Labor Loadings		0	0	0	0	0	0	0	0	0	0
7	Materials and Expenses		0	0	0	0	0	0	0	0	0	0
8	Total		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
910	Miscellaneous											
9	Labor		\$ 6,605	\$ 0	\$ 513	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,117
10	Labor Loadings		4,947	0	71	0	0	0	0	0	0	5,018
11	Materials and Expenses		349,644	0	0	0	(14,642)	0	0	0	0	335,002
12	Total		\$ 361,196	\$ 0	\$ 584	\$ 0	\$ (14,642)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 347,138
Total Customer Service and Information												
13	Labor		\$ 282,969	\$ 0	\$ 21,960	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 304,929
14	Labor Loadings		205,098	0	2,959	0	0	0	0	0	0	208,057
15	Materials and Expenses		1,459,819	0	0	0	(1,100,314)	0	0	0	0	359,505
16	Total		\$ 1,947,886	\$ 0	\$ 24,919	\$ 0	\$ (1,100,314)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 872,491
911	Sales											
17	Supervision		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
18	Labor Loadings		0	0	0	0	0	0	0	0	0	0
19	Materials and Expenses		0	0	0	0	0	0	0	0	0	0
20	Total		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
912	Demonstration and Selling											
21	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
22	Labor Loadings		0	0	0	0	0	0	0	0	0	0
23	Materials and Expenses		0	0	0	0	0	0	0	0	0	0
24	Total		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
913	Advertising											
25	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
26	Labor Loadings		0	0	0	0	0	0	0	0	0	0
27	Materials and Expenses		13,141	0	0	0	(13,141)	0	0	0	0	0
28	Total		\$ 13,141	\$ 0	\$ 0	\$ 0	\$ (13,141)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Sales												
29	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
30	Labor Loadings		0	0	0	0	0	0	0	0	0	0
31	Materials and Expenses		13,141	0	0	0	(13,141)	0	0	0	0	0
32	Total		\$ 13,141	\$ 0	\$ 0	\$ 0	\$ (13,141)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total O&M												
33	Labor		\$ 48,285,347	\$ 0	\$ 3,009,195	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 51,294,542
34	Labor Loadings		35,104,821	0	(644,477)	0	0	0	0	0	0	34,460,344
35	Materials and Expenses		324,514,092	(271,267,386)	0	2,180,175	(1,247,943)	(55,112)	582,100	(33)	811,022	55,516,904
36	Total		\$ 407,904,249	\$ (271,267,386)	\$ 2,364,718	\$ (2,180,175)	\$ (1,247,943)	\$ (55,112)	\$ 582,100	\$ (33)	\$ 811,022	\$ 141,271,789

SOUTHWEST GAS CORPORATION
ARIZONA
RECORDED ADMINISTRATIVE AND GENERAL (A&G) EXPENSES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No./ Reference (b)	Direct Charges		To Be Allocated		AZ Allocation Factors				Total Allocation to AZ (k)	Total (d) + (k)	Line No.
			Total Company Records (c)	Other Jurisdictions (e) - (d) - (f)	Company Records (f)	Company Records (g)	Factor I (h) 56.11% Sch C-1, Sh 17, Ln 9(g)	Factor II (i) 57.35% Sch C-1, Sh 17, Ln 4(e)	Factor III (j) 63.70% Sch C-1, Sh 17, Ln 10(i)	4-Factor (k) 56.07% Sch C-1, Sh 17, Ln 9(g)			
Administrative and General (A&G)													
1	A&G Salaries	920	\$ 52,457,635	\$ 0	\$ 52,457,635	\$ 29,412,428	\$ 0	\$ 0	\$ 0	\$ 0	\$ 29,412,428	\$ 29,412,428	1
2	Labor Loadings		29,067,488	0	29,067,488	16,297,826	0	0	0	0	16,297,826	16,297,826	2
3	Materials and Expenses		(3,118,046)	0	(3,118,046)	(1,748,255)	0	0	0	0	(1,748,255)	(1,748,255)	3
4	Total		78,407,077	0	78,407,077	43,961,999	0	0	0	0	43,961,999	43,961,999	4
5	Office Supplies and Expenses	921	\$ 15,119,227	\$ 0	\$ 15,119,227	\$ 8,477,187	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,477,187	\$ 8,477,187	5
6	A&G Expenses Transferred (Credit)	922	\$ (12,898,655)	\$ 0	\$ (12,898,655)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (8,216,294)	\$ (8,216,294)	\$ (8,216,294)	6
7	Outside Services	923	\$ 21,227,948	\$ 12,670	\$ 20,981,443	\$ 11,764,068	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,764,068	\$ 11,997,903	7
8	Property Insurance	924	\$ 471,240	\$ 0	\$ 471,240	\$ 0	\$ 264,404	\$ 0	\$ 0	\$ 0	\$ 264,404	\$ 264,404	8
9	Injuries and Damages	925	\$ 12,520,830	\$ 162,325	\$ 11,660,050	\$ 6,537,664	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,537,664	\$ 6,699,988	9
10	Employee Pension and Benefits	926	\$ 3,607	\$ 5,698	\$ (9,305)	\$ 0	\$ 0	\$ (5,337)	\$ 0	\$ 0	\$ (5,337)	\$ (1,730)	10
11	Regulatory Commission Expenses	928	\$ 214,172	\$ 108,888	\$ 105,284	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 108,888	11
12	Safety Advertising	930.1	\$ 1,525,216	\$ 859,732	\$ 665,483	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 859,732	12
Miscellaneous General													
13	Labor		\$ 1,808,244	\$ 0	\$ 1,808,244	\$ 1,013,863	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,013,863	\$ 1,013,863	13
14	Labor Loadings		0	0	0	0	0	0	0	0	0	0	14
15	Materials and Expenses		5,781,741	0	5,781,741	2,941,229	0	0	0	0	2,941,229	2,941,229	15
16	Total		7,589,985	0	7,589,985	3,955,091	0	0	0	0	3,955,091	3,955,091	16
17	Rents	931	\$ 2,956,908	\$ 0	\$ 2,956,908	\$ 1,657,906	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,657,906	\$ 1,657,906	17
Maintenance of General Plant													
18	Labor	935	\$ 932,679	\$ 679,922	\$ 252,757	\$ 121,837	\$ 0	\$ 0	\$ 0	\$ 0	\$ 121,837	\$ 801,759	18
19	Labor Loadings		678,056	497,494	1,175,550	87,305	0	0	0	0	87,305	584,799	19
20	Materials and Expenses		4,622,054	2,105,498	6,727,552	998,833	0	0	0	0	998,833	3,104,330	20
21	Total		6,232,789	3,282,914	9,515,703	1,207,974	0	0	0	0	1,207,974	4,490,869	21
Total A&G Expenses													
22	Labor		\$ 55,198,559	\$ 679,922	\$ 54,483,178	\$ 30,548,128	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,548,128	\$ 31,228,050	22
23	Labor Loadings		29,745,544	497,494	29,222,198	16,385,131	0	0	0	0	16,385,131	16,862,625	23
24	Materials and Expenses		48,422,635	3,473,885	51,896,520	30,628,632	264,404	(5,337)	(8,216,294)	22,671,405	26,145,289	24	
25	Total	Sum Lns 22-24	133,366,737	4,651,301	128,715,436	77,561,890	264,404	(5,337)	(8,216,294)	69,604,663	74,255,965	74,255,965	25

**SOUTHWEST GAS CORPORATION
ARIZONA
ADJUSTMENTS TO DIRECT ADMINISTRATIVE AND GENERAL (A&G) EXPENSES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Account No./ Reference (b)	Labor/Loading Annualization Adj. No. 3 (c) <small>Sch C-2, Adj. 1, Sh 1</small>	Self-Insured Retention Adj. No. 9 (d) <small>Sch C-2, Adj. 9, Sh 1</small>	Rate Case Expense Adj. No. 12 (e) <small>Sch C-2, Adj. 12, Sh 1</small>	Surcharge Adj. No. 17 (f) <small>Sch C-2, Adj. 17, Sh 1</small>	Total AZ (g) <small>Sum Cols (c) - (f)</small>	Line No.
Administrative and General (A&G)								
A&G Salaries								
1	Labor	920	\$ 0	\$ 0	\$ 0	\$ 0	0	1
2	Labor Loadings		0	0	0	0	0	2
3	Materials and Expenses		0	0	0	0	0	3
4	Total	Sum Lns 1-3	\$ 0	\$ 0	\$ 0	\$ 0	0	4
5	Office Supplies and Expenses	921	\$ 0	\$ 0	\$ 0	\$ 0	0	5
6	A&G Expenses Transferred (Credit)	922	\$	\$	\$	\$	0	6
7	Outside Services	923	\$ 0	\$ 0	\$ 0	\$ 0	0	7
8	Property Insurance	924	\$ 0	\$ 0	\$ 0	\$ 0	0	8
9	Injuries and Damages	925	\$ 0	\$ 519,680	\$ 0	\$ 0	519,680	9
10	Employee Pension and Benefits	926	\$ 0	\$ 0	\$ 0	\$ 0	0	10
11	Regulatory Commission Expenses	928	\$ 0	\$ 0	\$ 35,112	\$ 0	35,112	11
12	Safety Advertising	930.1	\$ 0	\$ 0	\$ 0	\$ 0	0	12
Miscellaneous General								
13	Labor	930.2	\$ 0	\$ 0	\$ 0	\$ 0	0	13
14	Labor Loadings		0	0	0	0	0	14
15	Materials and Expenses		0	0	0	820,000	820,000	15
16	Total	Sum Lns 13-15	\$ 0	\$ 0	\$ 0	\$ 820,000	\$ 820,000	16
17	Rents	931	\$ 0	\$ 0	\$ 0	\$	0	17
Maintenance of General Plant								
18	Labor	935	\$ 39,211	\$ 0	\$ 0	\$	39,211	18
19	Labor Loadings		(13,296)	0	0		(13,296)	19
20	Materials and Expenses		0	0	0		0	20
21	Total	Sum Lns 18-20	\$ 25,915	\$ 0	\$ 0	\$ 0	\$ 25,915	21
Total A&G Expenses								
22	Labor		\$ 39,211	\$ 0	\$ 0	\$ 0	39,211	22
23	Labor Loadings		(13,296)	0	0	0	(13,296)	23
24	Materials and Expenses		0	519,680	35,112	820,000	1,374,792	24
25	Total	Sum Lns 22-24	\$ 25,915	\$ 519,680	\$ 35,112	\$ 820,000	\$ 1,400,707	25

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
ADJUSTMENTS TO ADMINISTRATIVE AND GENERAL (A&G) EXPENSES BEFORE ALLOCATION
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No./Reference (b)	Labor/Loading Annualization Adj. No. 3 (c)	Cost of Service Analysis Adj. No. 5 (d)	Employee Vehicles Adj. No. 6 (e)	Self-Insured Retention Adj. No. 9 (f)	AGA Dues Adj. No. 10 (g)	Palute Alloc. Annualization Adj. No. 11 (h)	Total System Alloc. (i)	Line No.
			Sch C-2, Adj. 1, Sh. 1	Sch C-2, Adj. 5, Sh. 2	Sch C-2, Adj. 6, Sh. 1	Sch C-2, Adj. 9, Sh. 1	Sch C-2, Adj. 10, Sh. 1	Sch C-2, Adj. 11, Sh. 1	Sum Colls (i) - (h)	
Administrative and General (A&G)										
920	A&G Salaries									
1	Labor		\$ 1,072,499	\$ (173,828)	\$ (12,478)	\$ 0	\$ 0	\$ 0	\$ 886,192	1
2	Labor Loadings		(93,790)	0	0	0	0	0	(93,790)	2
3	Materials and Expenses		0	0	0	0	0	(107,845)	(107,845)	3
4	Total	Sum Lns 1-3	\$ 978,709	\$ (173,828)	\$ (12,478)	\$ 0	\$ 0	\$ (107,845)	\$ 684,557	4
5	Office Supplies and Expenses	921	\$ 0	\$ (75,375)	\$ 0	\$ 0	\$ 0	\$ (20,764)	\$ (96,138)	5
6	A&G Expenses Transferred (Credit)	922	\$ (128,211)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 17,742	\$ (110,469)	6
7	Outside Services	923	\$ 0	\$ 1,878,938	\$ 0	\$ 0	\$ 0	\$ (17,460)	\$ 1,861,478	7
8	Property Insurance	924	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (7,485)	\$ (7,485)	8
9	Injuries and Damages	925	\$ 0	\$ 0	\$ 0	\$ 314,821	\$ 0	\$ (12,753)	\$ 302,068	9
10	Employee Pension and Benefits	926	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	10
11	Regulatory Commission Expenses	928	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	11
12	Safety Advertising	930.1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	12
Miscellaneous General										
930.2	Miscellaneous General									
13	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	13
14	Labor Loadings		0	0	0	0	0	0	0	14
15	Materials and Expenses		0	(27,420)	0	0	(24,105)	(7,484)	(59,009)	15
16	Total		\$ 0	\$ (27,420)	\$ 0	\$ 0	\$ (24,105)	\$ (7,484)	\$ (59,009)	16
17	Rents	931	\$ 0	\$ (142,405)	\$ 0	\$ 0	\$ 0	\$ (2,295)	\$ (144,700)	17
Maintenance of General Plant										
935	Maintenance of General Plant									
18	Labor		\$ 5,765	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,765	18
19	Labor Loadings		(502)	0	0	0	0	0	(502)	19
20	Materials and Expenses		0	0	0	0	0	(2,188)	(2,188)	20
21	Total		\$ 5,262	\$ 0	\$ 0	\$ 0	\$ 0	\$ (2,188)	\$ 3,074	21
Total A&G Expenses										
22	Labor		\$ 1,078,263	\$ (173,828)	\$ (12,478)	\$ 0	\$ 0	\$ 0	\$ 891,957	22
23	Labor Loadings		(94,293)	0	0	0	0	0	(94,293)	23
24	Materials and Expenses		(128,211)	1,633,738	0	314,821	(24,105)	(160,532)	1,635,710	24
25	Total	Sum Lns 22-24	\$ 855,760	\$ 1,459,909	\$ (12,478)	\$ 314,821	\$ (24,105)	\$ (160,532)	\$ 2,433,374	25

SOUTHWEST GAS CORPORATION
ARIZONA

ALLOCATION OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSE ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No./Reference (b)	Total Company (c)		Direct Charges (d)		To Be Allocated to AZ (f)		AZ Allocation Factors				Total Allocation to AZ (k)	Total AZ (l)	Line No.
			(d)+(e)+(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)			
				Sch C-1, Sh 10	N/A	Sch C-1, Sh 11	56.07%	56.11%	57.35%	63.70%	Sum Cols (g)-(l)				
Administrative and General (A&G)															
1	A&G Salaries	920	\$ 886,192	\$ 0	\$ 0	\$ 886,192	\$ 496,878	\$ 0	\$ 0	\$ 0	\$ 496,878	\$ 496,878	\$ 496,878	1	
2	Labor Loadings		(93,790)	0	0	(93,790)	(52,587)	0	0	0	(52,587)	(52,587)	(52,587)	2	
3	Materials and Expenses		(107,845)	0	0	(107,845)	(60,468)	0	0	0	(60,468)	(60,468)	(60,468)	3	
4	Total	Sum Lns 1-3	\$ 684,557	\$ 0	\$ 0	\$ 684,557	\$ 383,823	\$ 0	\$ 0	\$ 0	\$ 383,823	\$ 383,823	\$ 383,823	4	
5	Office Supplies and Expenses	921	\$ (96,138)	\$ 0	\$ 0	\$ (96,138)	\$ (53,904)	\$ 0	\$ 0	\$ 0	\$ (53,904)	\$ (53,904)	\$ (53,904)	5	
6	A&G Expenses Transferred (Credit)	922	\$ (110,469)	\$ 0	\$ 0	\$ (110,469)	\$ 0	\$ 0	\$ 0	\$ (70,368)	\$ (70,368)	\$ (70,368)	\$ (70,368)	6	
7	Outside Services	923	\$ 1,861,478	\$ 0	\$ 0	\$ 1,861,478	\$ 1,043,710	\$ 0	\$ 0	\$ 0	\$ 1,043,710	\$ 1,043,710	\$ 1,043,710	7	
8	Property Insurance	924	\$ (7,485)	\$ 0	\$ 0	\$ (7,485)	\$ 0	\$ (4,200)	\$ 0	\$ 0	\$ (4,200)	\$ (4,200)	\$ (4,200)	8	
9	Injuries and Damages	925	\$ 821,748	\$ 519,680	\$ 0	\$ 302,068	\$ 169,366	\$ 0	\$ 0	\$ 0	\$ 169,366	\$ 169,366	\$ 169,366	9	
10	Employee Pension and Benefits	926	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	10	
11	Regulatory Commission Expenses	928	\$ 35,112	\$ 35,112	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	11	
12	Safety Advertising	930.1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	12	
Miscellaneous General															
13	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	13	
14	Labor Loadings		0	0	0	0	0	0	0	0	0	0	0	14	
15	Materials and Expenses		760,991	820,000	0	(59,009)	(33,086)	0	0	0	(33,086)	786,914	786,914	15	
16	Total		\$ 760,991	\$ 820,000	\$ 0	\$ (59,009)	\$ (33,086)	\$ 0	\$ 0	\$ 0	\$ (33,086)	\$ 786,914	\$ 786,914	16	
17	Rents	931	\$ (144,700)	\$ 0	\$ 0	\$ (144,700)	\$ (81,132)	\$ 0	\$ 0	\$ 0	\$ (81,132)	\$ (81,132)	\$ (81,132)	17	
Maintenance of General Plant															
18	Labor		\$ 44,976	\$ 39,211	\$ 0	\$ 5,765	\$ 3,232	\$ 0	\$ 0	\$ 0	\$ 3,232	\$ 42,443	\$ 42,443	18	
19	Labor Loadings		(13,799)	(13,296)	0	(502)	(282)	0	0	0	(282)	(13,578)	(13,578)	19	
20	Materials and Expenses		(2,188)	0	0	(2,188)	(1,227)	0	0	0	(1,227)	(1,227)	(1,227)	20	
21	Total		\$ 28,989	\$ 25,915	\$ 0	\$ 3,074	\$ 1,724	\$ 0	\$ 0	\$ 0	\$ 1,724	\$ 27,639	\$ 27,639	21	
Total A&G Expenses															
22	Labor		\$ 931,168	\$ 39,211	\$ 0	\$ 891,957	\$ 500,110	\$ 0	\$ 0	\$ 0	\$ 500,110	\$ 539,322	\$ 539,322	22	
23	Labor Loadings		(107,589)	(13,296)	0	(94,293)	(52,869)	0	0	0	(52,869)	(66,165)	(66,165)	23	
24	Materials and Expenses		3,010,502	1,374,792	0	1,635,710	983,260	(4,200)	0	(70,368)	908,693	2,283,485	2,283,485	24	
25	Total	Sum Lns 22-24	\$ 3,834,081	\$ 1,400,707	\$ 0	\$ 2,433,374	\$ 1,430,502	\$ (4,200)	\$ 0	\$ (70,368)	\$ 1,355,935	\$ 2,756,642	\$ 2,756,642	25	

SOUTHWEST GAS CORPORATION
ARIZONA
ALLOCATION OF ADJUSTED ADMINISTRATIVE AND GENERAL (A&G) EXPENSES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Account No./Reference (b)	Total Company		Direct Charges		To Be Allocated		AZ Allocation Factors				Total Allocation to AZ (k)	Total AZ (d) + (k)	Line No.
			(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)			
			Sch C-1, Sh 9+ Sch C-1, Sh 12 Col(e)	Sch C-1, Sh 9+ Sch C-1, Sh 12 Col(d)	Jurisdictions Sch C-1, Sh 9+ Sch C-1, Sh 12 Col(e)	(c) - (d) - (e)	4-Factor 56.07% Sch C-1, Sh 17, Ln 9(c)	Factor II 56.11% Sch C-1, Sh 17, Ln 4(f)	Factor III 57.35% Sch C-1, Sh 17, Ln 6(g)	A&G Factor 63.70% Sch C-1, Sh 17, Ln 10(i)					
Administrative and General (A&G)															
1	A&G Salaries	920	\$ 53,343,827	\$ 0	\$ 0	\$ 53,343,827	\$ 29,909,307	\$ 0	\$ 0	\$ 0	\$ 0	\$ 29,909,307	\$ 29,909,307	1	
2	Labor Loadings		28,973,698	0	0	28,973,698	16,245,239	0	0	0	0	16,245,239	16,245,239	2	
3	Materials and Expenses		(3,225,892)	0	0	(3,225,892)	(1,808,723)	0	0	0	0	(1,808,723)	(1,808,723)	3	
4	Total	Sum Lns 1-3	\$ 79,091,633	\$ 0	\$ 0	\$ 79,091,633	\$ 44,345,823	\$ 0	\$ 0	\$ 0	\$ 0	\$ 44,345,823	\$ 44,345,823	4	
5	Office Supplies and Expenses	921	\$ 15,023,089	\$ 0	\$ 0	\$ 15,023,089	\$ 8,423,284	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,423,284	\$ 8,423,284	5	
6	A&G Expenses Transferred (Credit)	922	\$ (13,009,124)	\$ 0	\$ 0	\$ (13,009,124)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (8,286,662)	\$ (8,286,662)	\$ (8,286,662)	6	
7	Outside Services	923	\$ 23,089,426	\$ 233,835	\$ 12,670	\$ 22,842,921	\$ 12,807,779	\$ 0	\$ 0	\$ 0	\$ 0	\$ 12,807,779	\$ 13,041,614	7	
8	Property Insurance	924	\$ 463,755	\$ 0	\$ 0	\$ 463,755	\$ 0	\$ 260,204	\$ 0	\$ 0	\$ 0	\$ 260,204	\$ 260,204	8	
9	Injuries and Damages	925	\$ 13,342,578	\$ 682,005	\$ 698,456	\$ 11,962,117	\$ 6,707,030	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,707,030	\$ 7,389,035	9	
10	Employee Pension and Benefits	926	\$ 0	\$ 3,607	\$ 5,698	\$ (9,305)	\$ 0	\$ 0	\$ (5,337)	\$ 0	\$ 0	\$ (5,337)	\$ (1,730)	10	
11	Regulatory Commission Expenses	928	\$ 249,284	\$ 144,000	\$ 105,284	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 144,000	11	
12	Safety Advertising	930.1	\$ 1,525,216	\$ 859,732	\$ 665,483	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 859,732	12	
Miscellaneous General															
13	Labor	930.2	\$ 1,808,244	\$ 0	\$ 0	\$ 1,808,244	\$ 1,013,863	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,013,863	\$ 1,013,863	13	
14	Labor Loadings		0	0	0	0	0	0	0	0	0	0	0	14	
15	Materials and Expenses		6,542,731	820,000	536,003	5,186,729	2,908,143	0	0	0	0	2,908,143	3,728,143	15	
16	Total		\$ 8,350,975	\$ 820,000	\$ 536,003	\$ 6,984,973	\$ 3,922,005	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,922,005	\$ 4,742,005	16	
17	Rents	931	\$ 2,812,207	\$ 0	\$ 0	\$ 2,812,207	\$ 1,576,774	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,576,774	\$ 1,576,774	17	
Maintenance of General Plant															
18	Labor	935	\$ 977,655	\$ 719,133	\$ 35,458	\$ 223,063	\$ 125,069	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,069	\$ 844,203	18	
19	Labor Loadings		664,257	484,198	24,852	155,207	87,023	0	0	0	0	87,023	571,221	19	
20	Materials and Expenses		4,619,866	2,105,498	735,119	1,779,250	997,606	0	0	0	0	997,606	3,103,104	20	
21	Total		\$ 6,261,778	\$ 3,308,829	\$ 795,429	\$ 2,157,520	\$ 1,209,698	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,209,698	\$ 4,518,527	21	
Total A&G Expenses															
22	Labor		\$ 56,129,726	\$ 719,133	\$ 35,458	\$ 55,375,135	\$ 31,048,239	\$ 0	\$ 0	\$ 0	\$ 0	\$ 31,048,239	\$ 31,767,372	22	
23	Labor Loadings		29,637,955	484,198	24,852	29,128,905	16,332,262	0	0	0	0	16,332,262	16,816,460	23	
24	Materials and Expenses		51,433,137	4,848,677	2,758,713	43,825,747	31,611,892	260,204	(5,337)	(8,286,662)	(8,286,662)	23,580,098	28,428,775	24	
25	Total	Sum Lns 22-24	\$ 137,200,818	\$ 6,052,009	\$ 2,819,023	\$ 128,329,787	\$ 78,982,392	\$ 260,204	\$ (5,337)	\$ (8,286,662)	\$ (8,286,662)	\$ 70,960,598	\$ 77,012,607	25	

**SOUTHWEST GAS CORPORATION
ARIZONA
DEPRECIATION AND AMORTIZATION EXPENSE SUMMARY
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR**

Line No.	Description (a)	Reference (b)	Acct. No. (c)	Recorded 11/30/2015 (d)	Adjustments (e)	Adjusted 11/30/2015 (f)	Line No.
				(f) - (d)			
<u>AZ Direct Depreciation & Amort.</u>							
1	Depreciation		403	\$ 118,953,856	\$ (35,899,842)	\$ 83,054,014	1
2	Amortization		404.3	69,741	814	70,554	2
3	Total AZ Direct	Ln 1 + Ln 2		\$ 119,023,597	\$ (35,899,029)	\$ 83,124,568	3
<u>AZ Regulatory Amortizations</u>							
4	Amort. Of Gas Plant Acq.	Company Records	406	\$ (52,943)	\$ 0	\$ (52,943)	4
5	Regulatory Amortizations	Sch C-2, Adj. 17, Sh 1	407.3	8,015,970	(8,015,970)	0	5
6	Total AZ Regulatory Amorts	Ln 4 + Ln 5		\$ 7,963,027	\$ (8,015,970)	\$ (52,943)	6
7	Total AZ Depreciation & Amorts.	Ln 3 + Ln 6		\$ 126,986,624	\$ (43,914,999)	\$ 83,071,625	7
<u>System Allocable</u>							
8	Depreciation			\$ 5,885,917	\$ 157,433	\$ 6,043,350	8
9	Amortization			12,856,414	3,922,802	16,779,216	9
10	Total System Allocable	Ln 8 + Ln 9		\$ 18,742,331	\$ 4,080,235	\$ 22,822,566	10
11	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)		56.07%	56.07%	56.07%	11
12	Allocation to AZ	Ln 10 * Ln 11		\$ 10,508,622	\$ 2,287,744	\$ 12,796,366	12
13	Total Depreciation and Amortization	Ln 7 + Ln 12		\$ 137,495,246	\$ (41,627,255)	\$ 95,867,991	13

**SOUTHWEST GAS CORPORATION
ARIZONA
TAXES OTHER THAN INCOME TAXES SUMMARY
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR**

Line No.	Description (a)	Reference (b)	Acct. No. (c)	Recorded 11/30/2015 (d) Company Records	Adjustments (e) Sch C-2, Adj. 15, Sh 1	Adjusted 11/30/2015 (f) (d) + (e)	Line No.
1	Property Taxes		408.1	\$ 34,246,915	\$ 7,337,348	\$ 41,584,263	1
2	Miscellaneous Taxes		408.1	44,358	0	44,358	2
3	Total Taxes Other than Income	Ln 1 + Ln 2		<u>\$ 34,291,273</u>	<u>\$ 7,337,348</u>	<u>\$ 41,628,621</u>	3
				Sch C-1, Sh 1 Ln 15(c)	Sch C-1, Sh 1 Ln 15(d)	Sch C-1, Sh 1 Ln 15(e)	

**SOUTHWEST GAS CORPORATION
ARIZONA
INCOME TAXES ON OPERATIONS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
AS ADJUSTED FOR THE TEST YEAR**

Line No.	Description (a)	Reference (b)	Recorded 11/30/2015 (c)	Adjusted 11/30/2015 (d)	After Rate Relief (e)	Line No.
<u>State Income Tax</u>						
1	Margin	Sch A-1, Sh 2, Ln 3	\$ 488,412,441	\$ 481,681,406	\$ 513,608,301	1
2	Expenses	Sch A-1, Sh 2, Lns 4-16	384,999,525	358,136,235	358,232,827	2
3	Taxable Income Before Interest	Ln 1 - Ln 2	\$ 103,412,916	\$ 123,545,171	\$ 155,375,474	3
4	Interest Expense	Ln 24	33,595,234	33,627,705	33,627,705	4
5	State Taxable Income	Ln 3 - Ln 4	\$ 69,817,681	\$ 89,917,465	\$ 121,747,769	5
6	Effective State Income Tax Rate	Sch C-3, Sh 2, Ln 1	5.500%	5.500%	5.500%	6
7	State Income Tax Expense	Ln 5 * Ln 6	\$ 3,839,972	\$ 4,945,461	\$ 6,696,127	7
8	South Georgia Amortization	Company Records	0	0	0	8
9	Investment Tax Credit	Company Records	0	0	0	9
10	State Income Tax Expense	Sum Lns 7-9	\$ 3,839,972	\$ 4,945,461	\$ 6,696,127	10
<u>Federal Income Tax</u>						
11	Margin	Ln 1	\$ 488,412,441	\$ 481,681,406	\$ 513,608,301	11
12	Expenses	Ln 2	384,999,525	358,136,235	358,232,827	12
13	Taxable Income Before Interest	Ln 11 - Ln 12	\$ 103,412,916	\$ 123,545,171	\$ 155,375,474	13
14	Interest Expense	Ln 24	33,595,234	33,627,705	33,627,705	14
15	Federal Taxable Income	Ln 13 - Ln 14	\$ 69,817,681	\$ 89,917,465	\$ 121,747,769	15
16	Federal Income Tax Rate	Sch C-3, Sh 2, Ln 3	33.075%	33.075%	33.075%	16
17	Federal Income Tax Expense	Ln 15 * Ln 16	\$ 23,092,198	\$ 29,740,202	\$ 40,268,075	17
18	South Georgia Amortization	Company Records	94,833	94,833	94,833	18
19	Investment Tax Credit	Company Records	(528,360)	(528,360)	(528,360)	19
20	Federal Income Tax Expense	Sum Lns 17-19	\$ 22,658,671	\$ 29,306,675	\$ 39,834,547	20
21	Total Federal and State Income Tax	Ln 10 + Ln 20	\$ 26,498,643	\$ 34,252,135	\$ 46,530,675	21
			Sch A-1, Sh 2 Ln 17(c)	Sch A-1, Sh 2 Ln 17(e)	Sch A-1, Sh 2 Ln 17(g)	
<u>Interest Calculation</u>						
22	Rate Base	Sch A-1, Sh 2, Ln 34	\$ 1,334,759,165	1,336,049,260	1,812,414,666	22
23	Weighted Cost of Debt	Sch D-1, Sh 1	2.52%	2.52%	1.86%	23
24	Interest Expense	Ln 22 * Ln 23	\$ 33,595,234	\$ 33,627,705	\$ 33,627,705	24
			Lns 4 and 14	Lns 4 and 14	Lns 4 and 14	

SOUTHWEST GAS CORPORATION
ARIZONA
COMPUTATION OF 4-FACTOR AND A&G ALLOCATION RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Reference (b)	AZ (c)	SCA (d)	NCA (e)	SLT (f)	SNV (g)	NNV (h)	Total (i)	Line No.
									Sum Cols (c) - (h)	
	<u>Factor I</u>									
1	Direct Operating Expenses	Company Records	\$ 139,597,820	\$ 19,599,234	\$ 2,722,538	\$ 2,896,693	\$ 62,909,109	\$ 15,505,553	\$ 243,230,947	1
2	Percent of Total	Ln 1 / Ln 1(i)	57.39%	8.06%	1.12%	1.19%	25.86%	6.37%	100.00%	2
	<u>Factor II</u>									
3	Avg Direct Gross Plant in Service	Company Records	\$ 2,783,832,399	\$ 352,714,544	\$ 134,684,984	\$ 41,405,429	\$ 1,406,970,239	\$ 241,946,151	\$ 4,961,553,746	3
4	Percent of Total	Ln 3 / Ln 3(i)	56.11%	7.11%	2.71%	0.83%	28.36%	4.88%	100.00%	4
	<u>Factor III</u>									
5	Direct Labor	Company Records	\$ 48,965,269	\$ 7,340,469	\$ 919,552	\$ 944,633	\$ 20,907,725	\$ 6,300,068	\$ 85,377,716	5
6	Percent of Total	Ln 5 / Ln 5(i)	57.35%	8.60%	1.08%	1.11%	24.49%	7.38%	100.00%	6
	<u>Factor IV</u>									
7	Average Number of Customers	Company Records	\$ 1,028,391	\$ 142,999	\$ 26,129	\$ 19,580	\$ 614,510	\$ 93,383	\$ 1,924,992	7
8	Percent of Total	Ln 7 / Ln 7(i)	53.42%	7.43%	1.36%	1.02%	31.92%	4.85%	100.00%	8
9	4-Factor	(Ln 2+Ln 4+Ln 6+Ln 8)/4	56.07%	7.80%	1.57%	1.04%	27.66%	5.87%	100.00%	9
	<u>A&G Transfer Rate</u>									
10	SWG A&G Overheads	Company Records	\$ 63.70%	4.67%	1.37%	3.33%	24.12%	2.81%	100.00%	10

SOUTHWEST GAS CORPORATION
ARIZONA
COMPUTATION OF THE MODIFIED MASSACHUSETTS FORMULA (MMF)
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Reference (b)	AZ (c)	NCA (d)	SCA (e)	SLT (f)	NNV (g)	SNV (h)	Paite (i)	SGTC (j)	Total (k) Sum Cols (c)-(j)	Line No.
1	Total Direct Labor	Company Records Ln 1 / Ln 10	\$ 48,965,269	\$ 919,552	\$ 7,340,469	\$ 944,633	\$ 6,300,068	\$ 20,907,725	\$ 4,111,793	\$ 0	\$ 89,489,508	1
2	Percent of Total		54.72%	1.03%	8.20%	1.06%	7.04%	23.36%	4.59%	0.00%	100.00%	2
3	Margin	Company Records Ln 3 / Ln 30	\$ 488,412,436	\$ 18,448,236	\$ 67,089,782	\$ 9,407,127	\$ 43,812,482	\$ 226,052,629	\$ 34,548,475	\$ 413,104	\$ 888,184,271	3
4	Percent of Total		54.99%	2.08%	7.55%	1.06%	4.93%	25.45%	3.89%	0.05%	100.00%	4
5	Gross Plant	Company Records Ln 5 / Ln 50	\$ 3,014,561,569	\$ 140,679,588	\$ 370,402,355	\$ 46,753,148	\$ 253,225,115	\$ 1,487,195,881	\$ 211,196,700	\$ 2,167,520	\$ 5,526,181,876	5
6	Percent of Total		54.55%	2.55%	6.70%	0.85%	4.58%	26.91%	3.82%	0.04%	100.00%	6
7	MMF	(Ln 2+Ln 4+Ln 6)/3	54.75%	1.88%	7.49%	0.99%	5.52%	25.24%	4.10%	0.03%	100.00%	7

SOUTHWEST GAS CORPORATION
ARIZONA
ITEMIZATION OF PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Revenues & Volumes Adj. No. 1 (b)	Purchased Gas Cost Adj. No. 2 (c)	Labor/Loading Annualization Adj. No. 3 (d)	Call Center & Customer Supp. Adj. No. 4 (e)	Cost of Service Analysis Adj. No. 5 (f)	Employee Vehicles Adj. No. 6 (g)	Uncollectibles Annualization Adj. No. 7 (h)	Leak Survey and Repair Adj. No. 8 (i)	Self-Insured Retention Adj. No. 9 (j)	AGA Dues Adj. No. 10 (k)	Line No.
		Sch C-2, Adj. 1, Sh.1	Sch C-2, Adj. 2, Sh.1	Sch C-2, Adj. 3, Sh.1	Sch C-2, Adj. 4, Sh.1	Sch C-2, Adj. 5, Sh.1 + Sch C-2, Adj. 5, Sh.2	Sch C-2, Adj. 6, Sh.1	Sch C-2, Adj. 7, Sh.1	Sch C-2, Adj. 8, Sh.1	Sch C-2, Adj. 9, Sh.1	Sch C-2, Adj. 10, Sh.1	
1	Operating Revenue	\$ (277,998,422)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	1
2	Gas Cost	0	(271,267,386)	0	0	0	0	0	0	0	0	2
3	Operating Margin	<u>\$ (277,998,422)</u>	<u>\$ 271,267,386</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	3
4	Operating Expenses	\$ 0	\$ 0	\$ 59,985	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	4
5	Other Gas Supply	0	0	0	0	0	0	0	0	0	0	5
6	Storage	0	0	0	0	0	0	0	0	0	0	6
7	Distribution	0	0	1,721,442	0	(89,979)	(55,112)	0	(33)	0	0	7
8	Customer Accounts	0	0	558,372	2,180,175	(44,509)	0	582,100	0	0	0	8
9	Customer Service & Info.	0	0	24,919	0	(1,100,314)	0	0	0	0	0	9
10	Sales	0	0	0	0	(13,141)	0	0	0	0	0	10
11	Administrative & General	0	0	25,915	0	0	0	0	0	0	0	11
12	Direct	0	0	470,033	0	818,555	(6,996)	0	0	519,680	(13,516)	12
13	System Allocable	0	0	0	0	0	0	0	0	176,517	0	13
14	Depreciation & Amortization	0	0	0	0	0	0	0	0	0	0	14
15	Regulatory Amortizations	0	0	0	0	0	0	0	0	0	0	15
16	Taxes Other Than Income	0	0	0	0	0	0	0	0	0	0	16
17	Interest on Customer Deposits	0	0	0	0	0	0	0	0	0	0	17
18	Total Operating Expenses	<u>\$ 0</u>	<u>\$ 2,860,666</u>	<u>\$ 2,860,666</u>	<u>\$ 2,180,175</u>	<u>\$ (429,388)</u>	<u>\$ (62,108)</u>	<u>\$ 582,100</u>	<u>\$ (33)</u>	<u>\$ 696,197</u>	<u>\$ (13,516)</u>	18
19	Net Operating Income	<u>\$ (277,998,422)</u>	<u>\$ 271,267,386</u>	<u>\$ (2,860,666)</u>	<u>\$ (2,180,175)</u>	<u>\$ 429,388</u>	<u>\$ 62,108</u>	<u>\$ (582,100)</u>	<u>\$ 33</u>	<u>\$ (696,197)</u>	<u>\$ 13,516</u>	19
20	Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	20
21	Gas Plant in Service	0	0	0	0	0	0	0	0	0	0	21
22	System Allocable	0	0	0	0	0	0	0	0	0	0	22
23	Total Gas Plant in Service	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	23
24	Accumulated Provision for Depr and Amorts	0	0	0	0	0	0	0	0	0	0	24
25	Direct	0	0	0	0	0	0	0	0	0	0	25
26	System Allocable	0	0	0	0	0	0	0	0	0	0	26
27	Total Accumulated Provision	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	27
28	Net Plant in Service	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	28
29	Other Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	29
30	Working Capital	0	0	0	0	0	0	0	0	0	0	30
31	Cash Working Capital	0	0	0	0	0	0	0	0	0	0	31
32	Materials and Supplies	0	0	0	0	0	0	0	0	0	0	32
33	Prepayments	0	0	0	0	0	0	0	0	0	0	33
34	Customer Deposits	0	0	0	0	0	0	0	0	0	0	34
35	Customer Advances	0	0	0	0	0	0	0	0	0	0	35
36	Deferred Taxes	0	0	0	0	0	0	0	0	0	0	36
37	Total Other Rate Base	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	37
38	Total Rate Base	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	38

SOUTHWEST GAS CORPORATION
ARIZONA
ITEMIZATION OF PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Rate Case Expense (c) Adj. No. 12	Dep/Amort Annualization (d) Adj. No. 13	Dep/Amort New Rates (e) Adj. No. 14	Property Tax Annualization (f) Adj. No. 15	Interest on Customer Dep. (g) Adj. No. 16	Surcharge Adjustment (h) Adj. No. 17	Post-Test Year Plant (i) Adj. No. 18	COYL (j) Adj. No. 19	Deferred Taxes (k) Adj. No. 20	Total of Adjustments (l)	Line No.
1	Operating Revenue	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	1
2	Gas Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (271,998,422)	2
3	Operating Margin	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (271,998,422)	3
4	Operating Expenses	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 59,985	4
5	Other Gas Supply	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	5
6	Storage	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,387,340	6
7	Distribution	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 811,022	\$ 0	\$ 3,276,138	7
8	Customer Accounts	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,075,395)	8
9	Customer Service & Info.	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (13,141)	9
10	Sales	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,400,707	10
11	Administrative & General	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 820,000	\$ 0	\$ 0	\$ 0	\$ 1,355,935	11
12	Direct	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	12
13	System Allocable	\$ 0	\$ 5,828,663	\$ (41,727,692)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (35,899,029)	13
14	Regulatory Amortizations	\$ 0	\$ 2,366,130	\$ (78,386)	\$ 0	\$ 0	\$ (8,015,970)	\$ 0	\$ 0	\$ 0	\$ (8,015,970)	14
15	Taxes Other Than Income	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,337,348	15
16	Interest on Customer Deposits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 35,049	16
17	Total Operating Expenses	\$ (88,658)	\$ 8,194,793	\$ (41,806,078)	\$ 7,337,348	\$ 35,049	\$ (7,195,970)	\$ 0	\$ 811,022	\$ 0	\$ (26,863,291)	17
18	Net Operating Income	\$ 88,658	\$ (8,194,793)	\$ 41,806,078	\$ (7,337,348)	\$ (35,049)	\$ 7,195,970	\$ 0	\$ (811,022)	\$ 0	\$ 20,132,255	18
19												19
20	Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	20
21	Gas Plant in Service	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 22,620,591	\$ 653,859	\$ 0	\$ 23,274,450	21
22	System Allocable	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,797,299	\$ 0	\$ 0	\$ 16,797,299	22
23	Total Gas Plant in Service	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 39,417,890	\$ 653,859	\$ 0	\$ 40,071,749	23
24	Accumulated Provision for Depr and Amorts	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	24
25	Direct	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	25
26	System Allocable	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	26
27	Total Accumulated Provision	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	27
28	Net Plant in Service	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 39,417,890	\$ 653,859	\$ 0	\$ 40,071,749	28
29	Other Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	29
30	Working Capital	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	30
31	Cash Working Capital	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	31
32	Materials and Supplies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	32
33	Prepayments	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	33
34	Customer Deposits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	34
35	Customer Advances	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	35
36	Deferred Taxes	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (38,781,654)	\$ (38,781,654)	36
37	Total Other Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (38,781,654)	\$ (38,781,654)	37
38	Total Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 39,417,890	\$ 653,859	\$ (38,781,654)	\$ 1,290,095	38

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SALES, TRANSPORTATION QUANTITY AND REVENUES - ADJUSTMENT NO. 1
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Recorded At 11/30/2015 (b)	Adjustment No. 1 (c)	Test Period Balance As Adjusted (d)	Line No.
1	Sales Quantity (Therms)	476,029,471	58,004,810	534,034,281	1
2	Transportation Quantity (Therms)	<u>166,435,749</u>	<u>2,083,597</u>	<u>168,519,346</u>	2
3	Total Quantity	<u>642,465,220</u>	<u>60,088,407</u>	<u>702,553,627</u>	3
4	Revenue	<u>\$ 759,679,827</u>	<u>\$ (277,998,422)</u>	<u>\$ 481,681,406</u>	4
5	Total Revenue Adjustment		<u>\$ (277,998,422)</u>		5

Explanation:

To adjust for changes in number of bills and sales volumes, to adjust revenues to authorized levels, to reverse unbilled revenues, and to remove gas cost from the cost of service.

**SOUTHWEST GAS CORPORATION
 ARIZONA GENERAL RATE CASE
 PURCHASED GAS COST - ADJUSTMENT NO. 2
 FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	FERC Account Number (b)	Amount (c)	Line No.
1	Natural Gas Transmission Line Purchases	803.00	\$ 155,721,732	1
2	Purchased Gas Cost Adjustments	805.10	47,776,000	2
3	Gas Withdrawn from Storage	808.10	516,448	3
4	Gas Delivered to Storage	808.20	(530,629)	4
5	Gas Used for Compressor Station Fuel	810.00	0	5
6	Transmission and Compression of Gas	858.00	67,783,835	6
7	Total Adjustment No. 2 - Recorded Cost of Purchased Gas		<u>\$ 271,267,386</u>	7
8	Present Volume Adjustment		33,054,284	8
9	Present Rate Adjustment		<u>(47,670,346)</u>	9
10	Subtotal of Adjustments		<u>(14,616,062)</u>	10
11	Total Cost of Purchased Gas Adjusted at Present Rates		<u><u>\$ 256,651,324</u></u>	11

Explanation:

To adjust for changes in sales volumes and to adjust the average cost of purchased gas to match the average cost of purchased gas included in currently effective base tariff sales rates.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
COST OF PURCHASED GAS - ADJUSTED AT PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Recorded Total (b)		Volume Adjustment Gas Engines (d)		Optional (e)		Sales (f)		Rate Adjustment Gas Engines (g)		Optional (h)		Adjusted Total (i)	Line No.
1	Sales Volumes (Therms)	476,029,471		58,065,545	(60,735)	0		516,541,103		10,629,186		6,863,992		534,034,281	1
2	Recorded Average Cost of Purchased Gas	\$ 0.56985		\$ 0.56985	\$ 0.56985	\$ 0.56985		\$ 0.56985		\$ 0.56985		\$ 0.56985			2
3	Cost of Purchased Gas [1]							\$ 0.48556		\$ 0.32056		\$ 0.35436			3
4	Change in Average Cost of Purchased Gas							\$ (0.08429)		\$ (0.24929)		\$ (0.21549)			4
5	Cost of Purchased Gas	\$ 271,267,386		\$ 33,088,894	\$ (34,610)	\$ 0		\$ (43,541,411)		\$ (2,649,794)		\$ (1,479,141)		\$ 256,651,324	5

[1] Cost of gas effective on November 30, 2015 excluding surcharges. Optional cost of purchased gas is average cost during test year.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 LABOR AND LABOR LOADING ANNUALIZATION
 ADJUSTMENT NO. 3**

Line No.	Description (a)	Labor (b) WP C-2, Adj. 3, Sh 1 thru 3, Col(h)	Labor Loading (c) WP C-2, Adj. 3, Sh 2 thru 3, Col(i)	Total (d) (b) + (c)	Line No.
<u>Operations</u>					
1	Account 813	\$ 52,913	\$ 7,072	\$ 59,985	1
2	Account 870	340,584	(112,191)	228,393	2
3	Account 871	21,375	2,857	24,232	3
4	Account 874	184,995	(62,797)	122,198	4
5	Account 875	74,286	(25,161)	49,125	5
6	Account 878	251,553	(84,222)	167,331	6
7	Account 879	389,486	(72,041)	317,445	7
8	Account 880	341,706	(56,382)	285,324	8
9	Account 901	71,645	3,779	75,423	9
10	Account 902	46,680	(15,759)	30,920	10
11	Account 903	412,114	35,910	448,024	11
12	Account 905	6,066	(2,062)	4,004	12
13	Account 908	21,447	2,888	24,335	13
14	Account 909	0	0	0	14
15	Account 910	513	71	584	15
16	Account 911	0	0	0	16
17	Account 912	0	0	0	17
18	Account 913	0	0	0	18
19	Account 920	601,338	(52,587)	548,751	19
20	Account 922	(89,495)	7,826	(81,669)	20
21	Account 930.2	0	0	0	21
22	Total Operations	<u>\$ 2,727,205</u>	<u>\$ (422,799)</u>	<u>\$ 2,304,406</u>	22
<u>Maintenance</u>					
23	Account 885	\$ 91,593	\$ (29,055)	\$ 62,537	
24	Account 886	79	(27)	52	24
25	Account 887	343,360	(116,213)	227,147	25
26	Account 889	54,384	(18,255)	36,129	26
27	Account 892	221,966	(74,985)	146,981	27
28	Account 893	72,384	(24,505)	47,879	28
29	Account 894	10,068	(3,397)	6,671	29
30	Account 935 - Direct	39,211	(13,296)	25,915	30
31	Account 935 - System Alloc.	3,232	(282)	2,950	31
32	Total Maintenance	<u>\$ 836,276</u>	<u>\$ (280,016)</u>	<u>\$ 556,260</u>	32
33	Total O&M	<u>\$ 3,563,481</u>	<u>\$ (702,815)</u>	<u>\$ 2,860,666</u>	33
Sch C-2, Sh 1 Col (d)					
<u>Functionalization</u>					
34	Other Gas Supply	\$ 52,913	\$ 7,072	\$ 59,985	34
35	Storage	0	0	0	35
36	Distribution	2,397,818	(676,375)	1,721,442	36
37	Customer Accounts	536,504	21,868	558,372	37
38	Customer Service & Info.	21,960	2,959	24,919	38
39	Sales	0	0	0	39
40	A&G - Direct	39,211	(13,296)	25,915	40
41	A&G - Sys. Alloc.	515,075	(45,042)	470,033	41
42	Total	<u>\$ 3,563,481</u>	<u>\$ (702,815)</u>	<u>\$ 2,860,666</u>	42

To annualize labor and labor-related loadings as of November 30, 2015 to reflect within-grade increases through November 30, 2016 and a 2.75% general wage increase effective June 2016.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 CALL CENTER AND CUSTOMER SUPPORT ALLOCATION AND ANNUALIZATION
 ADJUSTMENT NO. 4**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	Call Center and Customer Support Allocation	WP C-2, Adj. 4, Sh 1	903	\$ 1,738,036	1
2	Contract Labor Annualization	WP C-2, Adj. 4, Sh 2	903	442,139	2
3	Total	Ln 1 + Ln 2		\$ <u>2,180,175</u>	3
				Sch C-2, Sh 1 Col (e)	

SOUTHWEST GAS CORPORATION
ARIZONA
COST OF SERVICE ANALYSIS
ADJUSTMENT NO. 5

Line No.	Account Number	Reference	Expenses Removed										Total (m)	Line No.		
			Donation/ Civic Activity (c)	Employee Events (d)	Employee Recognition (e)	Other Emp. Welfare (f)	Sponsorships, Ads, Promo. (g)	Retirement Gifs/Meals (h)	Non-Utility Expense (i)	Non-Recurring Expense (j)	Out of Period Expenses (k)	Expense Annualization (l)				
1	870	WP C-2, Adj. 5, Sh. 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,636)	\$ (203)	\$ (945)	\$ 0	\$ 0	\$ 0	\$ (816)	\$ 113	(8,486)	1
2	880	WP C-2, Adj. 5, Sh. 2 through 5	(22,751)	(298)	(724)	0	(18,143)	(29,689)	0	(9,138)	0	0	0	0	(80,743)	2
3	881	WP C-2, Adj. 5, Sh. 6	0	0	0	0	0	0	0	0	0	0	0	(750)	(750)	3
4	903	WP C-2, Adj. 5, Sh. 7	(25)	0	0	0	(29,320)	0	(807)	0	0	0	(9,976)	9,806	(30,321)	4
5	908	WP C-2, Adj. 5, Sh. 8	(86,138)	0	0	0	0	0	0	0	0	0	0	0	(86,138)	5
6	910	WP C-2, Adj. 5, Sh. 9	(3,157)	0	0	0	(10,417)	0	(1,068)	0	0	0	0	0	(14,642)	6
7	913	WP C-2, Adj. 5, Sh. 10	0	0	0	0	0	0	(13,141)	0	0	0	0	0	(13,141)	7
8	Total	Sum Lns 1-7	<u>(112,071)</u>	<u>(298)</u>	<u>(724)</u>	<u>0</u>	<u>(64,515)</u>	<u>(29,892)</u>	<u>(15,961)</u>	<u>(9,138)</u>	<u>(10,792)</u>	<u>9,169</u>	<u>(234,221)</u>			8

Sch C-2, Sh. 1
 Col (f)

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
COST OF SERVICE ANALYSIS
ADJUSTMENT NO. 5

Line No.	Account Number	Reference	Donation/ Civic Activity	Employee Events	Employee Recognition	Employee Welfare	Expenses Removed			Non-Utility Expense	Non-Recurring Expense	Out of Period Expenses	Expense Annualization	Total	MMF	Amount Before Alloc. to AZ	AZ Alloc. Factor	Amount After Alloc. to AZ	Line No.
							Gifts	Retirement	Gifts/Meals										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
1	903	WP C-2, Adj. 5, Sh.11	\$ (250)	0	0	0	(750)	0	0	0	0	0	0	n/a	(26,558)	53.42%	(14,188)	1	
2	908	WP C-2, Adj. 5, Sh.12	(35,430)	0	0	(11,800)	(298)	(31,931)	(1,791,518)	0	0	(18,727)	0	n/a	(1,870,976)	53.42%	(989,534)	2	
3	920	WP C-2, Adj. 5, Sh.13	0	0	0	0	0	(181,318)	0	0	0	0	0	4.13%	(173,828)	56.07%	(97,464)	3	
4	921	WP C-2, Adj. 5, Sh.14 through 15	(3,900)	(9,575)	(482)	(26,562)	(37,428)	0	0	(675)	0	(78,622)	0	4.13%	(75,375)	56.07%	(42,262)	4	
5	923	WP C-2, Adj. 5, Sh.16	0	0	0	0	0	0	(241,222)	36,559	2,164,557	1,959,895	0	4.13%	1,878,938	56.07%	1,053,500	5	
6	930,2	WP C-2, Adj. 5, Sh.17	(7,000)	0	0	0	(21,452)	(150)	0	0	0	(28,602)	0	4.13%	(27,420)	56.07%	(15,374)	6	
7	931	WP C-2, Adj. 5, Sh.18	0	0	0	0	0	(49,438)	(118,374)	(4,353)	23,621	(148,541)	0	4.13%	(142,405)	56.07%	(79,845)	7	
8	Total	Sum Lns 1-7	<u>\$ (46,580)</u>	<u>\$ (9,575)</u>	<u>\$ (5,047)</u>	<u>\$ 0</u>	<u>\$ (39,112)</u>	<u>\$ (61,444)</u>	<u>\$ (2,151,113)</u>	<u>\$ 12,804</u>	<u>\$ -2,188,179</u>	<u>\$ (374,723)</u>	<u>\$ 0</u>		<u>\$ (437,626)</u>		<u>\$ (195,167)</u>		

Sch C-2, Sh.1
Col(f)

**SOUTHWEST GAS CORPORATION
 ARIZONA
 EMPLOYEE VEHICLE COMPENSATION
 ADJUSTMENT NO. 6**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	Arizona	Company Records	870	\$ (55,112)	1
2	System Allocable	Company Records	920	\$ (302,089)	2
3	Less: MMF Allocation	Sch C-1, Sh 18, Ln 7(i)+(j)		4.13%	3
4	Adjustment after MMF Allocation	Ln 2 * Ln 3		\$ (12,478)	4
5	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)		56.07%	5
6	Adjustment Allocated to AZ	Ln 4 * Ln 5		\$ (6,996)	6
7	Total Adjustment	Ln 1 + Ln 6		\$ (62,108)	7
				Sch C-2, Sh 1 Col (g)	

To remove imputed earnings associated with an employee's personal use of a company vehicle.
 Includes employees who fall under "Category D" of the Southwest Gas Standard Practice 100.1.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 UNCOLLECTIBLES EXPENSE ANNUALIZATION
 ADJUSTMENT NO. 7**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	Revenue at Present Rates	Sch H-2, Sh 4		\$ 751,121,209	1
2	Write-Off Percent of Revenue	WP Sch C-2, Adj. 7, Sh 1		<u>0.3025%</u>	2
3	Annualized Uncollectible Expense	Ln 1 * Ln 2		\$ 2,272,445	3
4	Less: Recorded Uncollectible Expense	Sch C-1, Sh 3, Ln 29(c)	904	<u>1,690,345</u>	4
5	Adjustment	Ln 3 - Ln 4	904	\$ <u><u>582,100</u></u>	5
				Sch C-2, Sh 1 Col (h)	

**SOUTHWEST GAS CORPORATION
 ARIZONA
 LEAK SURVEY AND REPAIR EXPENSES
 ALDYL HD PIPE
 ADJUSTMENT NO. 8**

Line No.	Description (a)	Total [1] (b) Company Records	2016 Disallowance Percent (c) D.68487	Adjustment (d) (b) * (c)	Line No.
<u>Maintenance of Mains</u>					
1	Leak Repair	0	-10.00%	\$ 0	1
2	Leak Survey	175	-10.00%	(17)	2
3	Total 887	\$ 175		\$ (17)	3
<u>Maintenance of Services</u>					
4	Leak Repair	0	-10.00%	\$ 0	4
5	Leak Survey	154	-10.00%	(15)	5
6	Total 892	\$ 154		\$ (15)	6
7	Total Adjustment			\$ (33)	7

Sch C-2, Sh 1

Col (i)

[1] With the exception of some short segments totalling approximately 1,000 feet,
 the replacement of Aldyl HD was complete in Southern Arizona by the end of 2012.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 SELF-INSURED RETENTION NORMALIZATION
 ADJUSTMENT NO. 9**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	Arizona	Sch C-2, Adj. 9, Sh 2, Ln 7(c)	925	\$ 519,680	1
2	System Allocable	Sch C-2, Adj. 9, Sh 2, Ln 7(d)	925	\$ 328,385	2
3	Less: MMF Allocation	Sch C-1, Sh 18, Ln 7(i)+(j)		<u>4.13%</u>	3
4	Adjustment after MMF Allocation	Ln 2 * (1+Ln 3)		\$ 314,821	4
5	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)		<u>56.07%</u>	5
6	Adjustment Allocated to AZ	Ln 4 * Ln 5		\$ 176,517	6
7	Total Adjustment	Ln 1 + Ln 6		\$ <u>696,197</u>	7
				Sch C-2, Sh 1 Col (j)	

**SOUTHWEST GAS CORPORATION
 ARIZONA
 SELF-INSURED RETENTION NORMALIZATION
 ADJUSTMENT NO. 9**

Line No.	Description (a)	Reference (b)	AZ Direct (c)	System Allocable (d)	Line No.
	<u>Claims Paid</u>				
1	< \$1,000,000	WP C-2, Adj. 9, Sh 1, Ln 11	\$ 5,260,345	\$ 1,508,854	1
2	at \$1,000,000	WP C-2, Adj. 9, Sh 1, Ln 22	1,000,000	0	2
3	\$4,000,000 Aggregate	WP C-2, Adj. 9, Sh 1, Ln 33	0	8,000,000	3
4	Total Claims Paid	Sum Lns 1-3	<u>\$ 6,260,345</u>	<u>\$ 9,508,854</u>	4
5	10-Year Average	Ln 4 / 10	\$ 626,035	\$ 950,885	5
6	Recorded During Test Year	Company Records	<u>106,354</u>	<u>622,500</u>	6
7	Adjustment	Ln 5 - Ln 6	<u>\$ 519,680</u>	<u>\$ 328,385</u>	7
			Sch C-2, Adj. 9, Sh 1 Ln 1(d)	Sch C-2, Adj. 9, Sh 1 Ln 2(d)	

**SOUTHWEST GAS CORPORATION
 ARIZONA
 AMERICAN GAS ASSOCIATION DUES
 REMOVE LOBBYING PERCENTAGE OF DUES
 ADJUSTMENT NO. 10**

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	2015 AGA Dues	Company Records	930.2	\$ 558,757	1
2	Lobbying Percentage	AGA Records		-4.50%	2
3	Lobbying Portion of AGA Dues	Ln 1 * Ln 2		\$ (25,144)	3
4	Less: MMF Allocation	Sch C-1, Sh 18, Ln 7(i)+(j)		4.13%	4
5	Adjustment after MMF Allocation	Ln 3 * Ln 4		\$ (24,105)	5
6	AZ 4-Factor	Sch C-1, Sh 17, Ln 9(c)		56.07%	6
7	Adjustment Allocated to AZ	Ln 5 * Ln 6		\$ (13,516)	7
				Sch C-2, Sh 1	
				Col (k)	

SOUTHWEST GAS CORPORATION
ARIZONA
PAIUTE ALLOCATION ANNUALIZATION
ADJUSTMENT NO. 11

Line No.	Description (a)	Ref/Account Number (b)	For The Twelve Months Ended November 30, 2015	Charged to Paiute Company Records (d)	Net Recorded (c)	Gross Recorded (e)	Paiute MMF Allocation [1] (f)	Paiute Annualized Expenses (g)	Change to Alloc. of Paiute's A&G Expenses (h)	AZ Allocation Factor [2] (i)	Amount Allocated to AZ (j)	Line No.
			Sch C-1, Sh 9 Col(f)	Company Records (d)	Sch C-1, Sh 9 Col(f)	(c) + (d)	Sch C-1, Sh 18 Ln7(f)	(e) * (f)	(d) - (g)	Sch C-1, Sh 17 Col(c)	(h) * (i)	
1	A&G Salaries	920	\$ 78,407,077	\$ 3,241,446	\$ 81,648,523	0	0	\$ 3,349,292	(107,845)	1	\$ (60,468)	1
2	Office Supplies and Expenses	921	15,119,227	625,081	15,744,309	0	0	645,845	(20,764)	1	(11,642)	2
3	A&G Expenses Transferred (Credit)	922	(12,898,655)	(533,246)	(13,431,901)	0	0	(550,988)	17,742	1	11,301	3
4	Outside Services	923	20,981,443	879,286	21,860,729	0	0	896,746	(17,460)	1	(9,790)	4
5	Property Insurance	924	471,240	95,921	567,161	0	0	103,406	(7,485)	1	(4,200)	5
6	Injuries and Damages	925	11,660,050	485,466	12,145,516	0	0	498,219	(12,753)	1	(7,151)	6
7	Misc. General Expenses	930.2	7,053,982	293,934	7,347,916	0	0	301,418	(7,484)	1	(4,196)	7
8	Rents	931	2,956,908	124,090	3,080,998	0	0	126,385	(2,295)	1	(1,287)	8
9	Maint. Of General Plant	935	2,154,446	89,876	2,244,322	0	0	92,064	(2,188)	1	(1,227)	9
10	Total	Sum Lns 1-9	\$ 125,905,718	\$ 5,301,855	\$ 131,207,573	\$ 5,462,387	\$ (160,532)					

[1] Account 924 is allocated using the insurable property factor calculated on WP C-2, Adj. 11, Sh 3.

[2] All accounts are allocated using the 4-Factor except Account 924, which is allocated using Factor II.

Note: Account 493, Rent from Gas Property, changed by \$37,745 due to annualizing the Paiute rental charge at 11/30/2015 as calculated on WP C-2, Adj. 11, Sh 1.

**SOUTHWEST GAS CORPORATION
 ARIZONA
 INCREMENTAL RATE CASE EXPENSE
 ADJUSTMENT NO. 12**

Line No.	Description (a)	Ref/ Account Number (b)	Amount (c)	Line No.
1	Printing/Copying/Postage/Freight	Estimate	\$ 150,000	1
2	Professional Services	Estimate	265,000	2
3	Notice/Publication	Estimate	35,000	3
4	Court Reporting	Estimate	1,000	4
5	Travel/Transportation/Misc.	Estimate	125,000	5
6	Total Rate Case Expense	Sum Lns 1-5	<u>\$ 576,000</u>	6
7	Amortization Period (Years)	[1]	4	7
8	Annual Rate Case Expense	928	<u>\$ 144,000</u>	8
9	Test Year Recorded Rate Case Expense	Sch C-1, Sh 9, Ln11(d)	<u>108,888</u>	9
10	Adjustment	Ln 8 - Ln 9	<u><u>\$ 35,112</u></u>	10
			Sch C-2, Sh 2 Col (c)	

[1] The Company proposes to amortize rate case expense over its estimated rate case cycle.

SOUTHWEST GAS CORPORATION
ARIZONA
DEPRECIATION AND ANNUALIZATION EXPENSE ANNUALIZATION
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
ADJUSTMENT NO. 13

Line No.	Description	Account Number	Gas Plant as Adjusted at 11/30/2015	Depreciation/Amortization Rate	Annualized Depreciation/Amortization [1]	Recorded Depreciation/Amortization	Adjustment	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP B-2, Sh 1 Col (e)	Company Records	(c) * (d)	Company Records	(e) - (f)	
Intangible Plant								
1	Organization	301	\$ 42,653	Amortized	\$ 0	\$ 0	0	1
2	Franchise and Consents	302	2,131,095	Amortized	69,261	68,447	814	2
3	Miscellaneous Intangible	303	1,968,623	Amortized	0	0	0	3
4	Total Intangible Plant		\$ 4,142,371		\$ 69,261	\$ 68,447	\$ 814	4
Distribution Plant								
5	Land & Land Rights	374	\$ 405,666	N/A	\$ 0	\$ 0	0	5
6	Rights of Way	374	2,580,656	2.15%	55,484	54,867	617	6
7	Structures & Improvements	375	110,557	1.15%	1,271	1,272	(0)	7
8	Mains	376	1,663,028,781	3.82%	63,527,699	60,142,519	3,385,180	8
9	Measuring and Reg. Stations	378	75,084,241	4.12%	3,093,471	2,712,487	380,984	9
10	Services	380	836,500,110	5.30%	44,334,506	42,880,586	1,453,920	10
11	Meters	381	292,374,234	1.98%	5,789,010	5,547,079	241,931	11
12	Industrial Measuring and Reg. Sta.	385	11,813,831	4.31%	509,176	508,562	614	12
13	Miscellaneous Equipment	387	432,098	5.26%	22,728	22,728	0	13
14	Total Distribution Plant		\$ 2,882,330,173		\$ 117,333,346	\$ 111,870,100	\$ 5,463,245	14
General Plant								
15	Land & Land Rights	389	\$ 16,211,030	N/A	\$ 0	\$ 0	0	15
16	Structures & Improv - Co. Owned	390.1	50,485,778	1.84%	928,938	876,473	52,465	16
17	Structures & Improv - Leasehold	390.2	47,227	Amortized	1,294	1,294	0	17
18	Office Furniture & Fixtures	391	5,200,798	2.73%	141,982	127,129	14,853	18
19	Computer Software & Hardware	391.1	17,113,211	14.87%	2,544,735	2,497,428	47,306	19
20	Transportation Equipment - Light	392.11	23,680,551	7.65%	1,811,562	1,646,499	165,064	20
21	Transportation Equipment - Heavy	392.12	15,252,736	7.65%	1,166,834	1,129,403	37,431	21
22	Stores Equipment	393	888,168	2.08%	18,474	16,289	2,185	22
23	Tool, Shop, & Garage Equip.	394	9,820,699	2.17%	213,109	194,696	18,413	23
24	Laboratory Equipment	395	503,064	3.93%	19,770	19,770	0	24
25	Power-Operated Equipment	396	8,228,137	3.88%	319,252	293,193	26,059	25
26	Communication Equipment	397	2,209,647	8.88%	196,217	199,405	(3,189)	26
27	Telemetry Equipment	397.2	569,911	6.19%	35,277	35,350	(72)	27
28	Miscellaneous Equipment	398	1,152,518	4.53%	52,209	48,120	4,089	28
29	Total General Plant		\$ 151,363,475		\$ 7,449,653	\$ 7,085,049	\$ 364,604	29
30	Total Depreciation		\$ 3,033,646,421		\$ 124,781,705	\$ 118,953,856	\$ 5,827,849	30
31	Total Amortization		4,189,598		70,554	69,741	814	31
32	Total Depreciation and Amortization		\$ 3,037,836,019		\$ 124,852,260	\$ 119,023,597	\$ 5,828,663	32

[1] Annualized Amortization Expense in Acct 302 based on November 2015 amortization * 12.

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
DEPRECIATION AND ANNUALIZATION EXPENSE ANNUALIZATION
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
ADJUSTMENT NO. 13

Line No.	Description	Account Number	Gas Plant as Adjusted at 11/30/2015	Depreciation/Amortization Rate	Annualized Depreciation/Amortization [1]	Recorded Depreciation/Amortization	Adjustment before Alloc. to AZ	Adjustment after Alloc. to AZ	Line No.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			WP B-2, Sh 5	Company Records	(c) * (d)	Company Records	(e) - (f)	(g) * Ln 23(c)	
Intangible Plant									
1	Organization	301	\$ 61,816	Amortized	\$ 0	\$ 0	\$ 0	\$ 0	1
2	Miscellaneous Intangible	303	222,094,083	Amortized	16,589,732	12,671,580	3,918,152	2,196,865	2
3	Total Intangible Plant		\$ 222,155,899		\$ 16,589,732	\$ 12,671,580	\$ 3,918,152	\$ 2,196,865	3
General Plant									
4	Land & Land Rights	389	\$ 4,216,706	N/A	\$ 0	\$ 0	\$ 0	\$ 0	4
5	Structures & Improv - Co. Owned	390.1	31,271,827	2.79%	872,484	673,309	199,175	111,675	5
6	Structures & Improv - Leasehold	390.2	4,547,989	Amortized	189,484	184,834	4,650	2,607	6
7	Office Furniture & Fixtures	391	8,957,268	6.67%	597,450	544,057	53,393	29,937	7
8	Computer Software & Hardware	391.1	16,997,456	20.00%	3,399,491	3,302,570	96,921	54,343	8
9	Transportation Equipment-Light	392.11	3,640,102	10.00%	364,010	369,632	(5,622)	(3,152)	9
10	Transportation Equipment-Heavy	392.12	0	10.00%	0	0	0	0	10
11	Transportation Equipment-Aircraft	392.21	8,221,361	4.00%	328,854	328,854	(0)	(0)	11
12	Stores Equipment	393	35,615	6.67%	2,376	2,376	0	0	12
13	Tool, Shop, & Garage Equip.	394	628,384	6.67%	41,913	42,519	(605)	(339)	13
14	Laboratory Equipment	395	974,512	5.00%	48,726	45,972	2,753	1,544	14
15	Power-Operated Equipment	396	11,760	6.00%	706	666	40	22	15
16	Communication Equipment	397	6,674,859	6.67%	445,213	451,251	(6,038)	(3,385)	16
17	Telemetry Equipment	397.2	2,241	16.66%	373	51,208	(50,834)	(28,502)	17
18	Miscellaneous Equipment	398	1,222,753	6.67%	81,558	73,504	8,054	4,516	18
19	Total General Plant		\$ 87,402,832		\$ 6,372,637	\$ 6,070,751	\$ 301,887	\$ 169,265	19
20	Total Depreciation		\$ 82,854,843		\$ 6,183,154	\$ 5,885,917	\$ 297,237	\$ 166,657	20
21	Total Amortization		226,703,888		16,779,216	12,856,414	3,922,802	2,199,472	21
22	Total Depreciation and Amortization		\$ 309,558,731		\$ 22,962,370	\$ 18,742,331	\$ 4,220,038	\$ 2,366,130	22
23	AZ 4-Factor		56.07%					Sch C-2, Sh 2 Col (d)	23

[1] Annualized amortization expense for Acct 303 calculated on WP B-2, Adj. 18, Sh 3.

SOUTHWEST GAS CORPORATION
ARIZONA
DEPRECIATION AND ANNUALIZATION EXPENSE AT NEW RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
ADJUSTMENT NO. 14

Line No.	Description	Account Number	Gas Plant as Adjusted at 11/30/2015	Depreciation/Amortization New Rates	Adjusted Depreciation/Amortization	Annualized Depreciation/Amortization	Adjustment	Line No.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(e) - (f)	
			WP B-2, Sh 1	Exhibit DAW-2	(c) * (d)	Sch C-2, Adj. 13, Sh 1 Col(e)		
Intangible Plant								
1	Organization	301	\$ 42,653	Amortized	\$ 0	\$ 0	\$ 0	1
2	Franchise and Consents	302	2,131,095	Amortized	69,261	69,261	0	2
3	Miscellaneous Intangible	303	1,968,623	Amortized	0	0	0	3
4	Total Intangible Plant		<u>\$ 4,142,371</u>		<u>\$ 69,261</u>	<u>\$ 69,261</u>	<u>\$ 0</u>	4
Distribution Plant								
5	Land & Land Rights	374	\$ 405,666	N/A	\$ 0	\$ 0	\$ 0	5
6	Rights of Way	374	2,580,656	1.38%	35,613	55,484	(19,871)	6
7	Structures & Improvements	375	110,557	0.30%	332	1,271	(940)	7
8	Mains	376	1,663,028,781	2.29%	38,083,359	63,527,699	(25,444,340)	8
9	Measuring and Reg. Stations	378	75,084,241	3.44%	2,582,898	3,093,471	(510,573)	9
10	Services	380	836,500,110	2.96%	24,760,403	44,334,506	(19,574,103)	10
11	Meters	381	292,374,234	2.72%	7,952,579	5,789,010	2,163,569	11
12	Industrial Measuring and Reg. Sta.	385	11,813,831	2.06%	243,365	509,176	(265,811)	12
13	Miscellaneous Equipment	387	432,098	0.00%	0	22,728	(22,728)	13
14	Total Distribution Plant		<u>\$ 2,882,330,173</u>		<u>\$ 73,658,549</u>	<u>\$ 117,333,346</u>	<u>\$ (43,674,797)</u>	14
General Plant								
15	Land & Land Rights	389	\$ 16,211,030	N/A	\$ 0	\$ 0	\$ 0	15
16	Structures & Improv - Co. Owned	390.1	50,485,778	1.98%	999,618	928,938	70,680	16
17	Structures & Improv - Leasehold	390.2	47,227	Amortized	1,294	1,294	0	17
18	Office Furniture & Fixtures	391	5,200,798	5.56%	289,164	141,982	147,183	18
19	Computer Software & Hardware	391.1	17,113,211	20.00%	3,422,642	2,544,735	877,908	19
20	Transportation Equipment - Light	392.11	23,680,551	9.38%	2,221,236	1,811,562	409,674	20
21	Transportation Equipment - Heavy	392.12	15,252,736	6.83%	1,041,762	1,166,834	(125,072)	21
22	Stores Equipment	393	888,168	4.00%	35,527	18,474	17,053	22
23	Tool, Shop, & Garage Equip.	394	9,820,699	6.67%	655,041	213,109	441,931	23
24	Laboratory Equipment	395	503,064	4.00%	20,123	19,770	352	24
25	Power-Operated Equipment	396	8,228,137	5.00%	411,407	319,252	92,155	25
26	Communication Equipment	397	2,209,647	7.69%	169,922	196,217	(26,295)	26
27	Telemetry Equipment	397.2	569,911	10.00%	56,991	35,277	21,714	27
28	Miscellaneous Equipment	398	1,152,518	6.25%	72,032	52,209	19,823	28
29	Total General Plant		<u>\$ 151,363,475</u>		<u>\$ 9,396,758</u>	<u>\$ 7,449,653</u>	<u>\$ 1,947,105</u>	29
30	Total Depreciation		\$ 3,033,646,421		\$ 83,054,014	\$ 124,781,705	\$ (41,727,692)	30
31	Total Amortization		4,189,598		70,554	70,554	0	31
32	Total Depreciation and Amortization		<u>\$ 3,037,836,019</u>		<u>\$ 83,124,568</u>	<u>\$ 124,852,260</u>	<u>\$ (41,727,692)</u>	32

Sch C-2, Sh 2
Col (e)

SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE
DEPRECIATION AND ANNUALIZATION EXPENSE AT NEW RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
ADJUSTMENT NO. 14

Line No.	Description	Account Number	Gas Plant as Adjusted at 11/30/2015	Depreciation/Amortization New Rates	Adjusted Depreciation/Amortization	Annualized Depreciation/Amortization	Adjustment before Alloc. to AZ	Adjustment after Alloc. to AZ	Line No.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		
			WP B-2, Sh 5	Exhibit DAW-2	(c) * (d)	Sch C-2, Adj. 13, Sh 2 Col(e)	(e) - (f)	(g) * Ln 23(c)	
	Intangible Plant								
1	Organization	301	\$ 61,816	Amortized	\$ 0	\$ 0	\$ 0	\$ 0	1
2	Miscellaneous Intangible	303	222,094,083	Amortized	16,589,732	16,589,732	0	0	2
3	Total Intangible Plant		\$ 222,155,899		\$ 16,589,732	\$ 16,589,732	\$ 0	\$ 0	3
	General Plant								
4	Land & Land Rights	389	\$ 4,216,706	N/A	\$ 0	\$ 0	\$ 0	\$ 0	4
5	Structures & Improv - Co. Owned	390.1	31,271,827	2.30%	719,252	872,484	(153,232)	(85,915)	5
6	Structures & Improv - Leasehold	390.2	4,547,989	Amortized	189,484	189,484	0	0	6
7	Office Furniture & Fixtures	391	8,957,268	6.67%	597,450	597,450	0	0	7
8	Computer Software & Hardware	391.1	16,997,456	20.00%	3,399,491	3,399,491	0	0	8
9	Transportation Equipment-Light	392.11	3,640,102	10.37%	377,479	364,010	13,468	7,552	9
10	Transportation Equipment-Heavy	392.12	0	10.37%	0	0	0	0	10
11	Transportation Equipment-Aircraft	392.21	8,221,361	4.00%	328,854	328,854	0	0	11
12	Stores Equipment	393	35,615	6.67%	2,376	2,376	0	0	12
13	Tool, Shop, & Garage Equip.	394	628,384	6.67%	41,913	41,913	0	0	13
14	Laboratory Equipment	395	974,512	5.00%	48,726	48,726	0	0	14
15	Power-Operated Equipment	396	11,760	5.66%	666	706	(40)	(22)	15
16	Communication Equipment	397	6,674,859	6.67%	445,213	445,213	0	0	16
17	Telemetry Equipment	397.2	2,241	16.66%	373	373	0	0	17
18	Miscellaneous Equipment	398	1,222,753	6.67%	81,558	81,558	0	0	18
19	Total General Plant		\$ 87,402,832		\$ 6,232,834	\$ 6,372,637	\$ (139,804)	\$ (78,386)	19
20	Total Depreciation		\$ 82,854,843		\$ 6,043,350	\$ 6,183,154	\$ (139,804)	\$ (78,386)	20
21	Total Amortization		226,703,888		16,779,216	16,779,216	0	0	21
22	Total Depreciation and Amortization		\$ 309,558,731		\$ 22,822,566	\$ 22,962,370	\$ (139,804)	\$ (78,386)	22
23	AZ 4-Factor		56.07%					Sch C-2, Sh 2 Col (e)	23

**SOUTHWEST GAS CORPORATION
 ARIZONA
 PROPERTY TAX ANNUALIZATION
 ADJUSTMENT NO. 15**

Line No.	Description (a)	Reference (b)	Amount (c)	Line No.
1	Adjusted Net Plant in Service	Sch B-2, Sh 1, Ln 11(e)	\$ 1,752,686,294	1
2	Add: Materials and Supplies	Sch B-5, Sh 3, Ln 16(g)	15,364,326	2
3	Less: Transportation Equipment	[1]	(41,538,459)	3
4	Less: Land Rights	[2]	(16,616,696)	4
5	Estimated Full Cash Value	Sum Lns 1-4	\$ 1,709,895,466	5
6	2016 Assessment Ratio	Company Records	18.00%	6
7	Assessed Value	Ln 5 * Ln 6	\$ 307,781,184	7
8	Composite Property Tax Rate	Company Records	14.11%	8
9	Annualized Property Taxes	Ln 7 * Ln 8	\$ 43,415,614	9
10	Capitalized Property Taxes	Company Records	(1,831,351)	10
11	Annualized Property Tax Expense	Ln 9 + Ln 10	\$ 41,584,263	11
12	Recorded Property Tax Expense	Sch C-1, Sh 15, Ln 1(d)	34,246,915	12
13	Adjustment	Ln 11 - Ln 12	\$ 7,337,348	13
			Sch C-2, Sh 2	
			Col (f)	

Explanation:

To annualize Property Tax Expense to reflect adjusted investment at 11/30/2015.

[1] Adjusted balance of Accounts 392.11 and 392.12 net of accumulated depreciation. WP B-2, Sh 1(e) - WP B-2, Sh 3(e)

[2] Accounts 374.1 and 389. WP B-2, Sh 1(e)

**SOUTHWEST GAS CORPORATION
 ARIZONA
 INTEREST ON CUSTOMER DEPOSITS SYNCHRONIZATION
 ADJUSTMENT NO. 16**

Line No.	Description (a)	Reference (b)	Amount (c)	Line No.
1	Customer Deposits in Rate Base	Sch B-6, Sh 1, Ln 16(c)	\$ 39,253,787	1
2	Customer Deposits Interest Rate	Statutory Rate	6.00%	2
3	Adjusted Interest on Customer Deposits	Ln 1 * Ln 2	\$ 2,355,227	3
4	Recorded Interest on Customer Deposits	Company Records	2,320,178	4
5	Adjustment	Ln 3 - Ln 4	\$ 35,049	5
			Sch C-2, Sh 2 Col (g)	

Explanation:

To synchronize interest on customer deposits expense with the balance of customer deposits included as a rate base reduction.

SOUTHWEST GAS CORPORATION
ARIZONA
SURCHARGE ADJUSTMENT
ADJUSTMENT NO. 17

Line No.	Description (a)	Reference (b)	Account Number (c)	Amount (d)	Line No.
1	Recorded Regulatory Amortizations	Company Records	407.3	\$ 8,015,970	1
<u>Remove Items Collected Through a Surcharge</u>					
2	Gas Research Fund	Company Records		\$ (658,721)	2
3	TRIMP/DOT	Company Records		(1,697,441)	3
4	Demand Side Management (DSM)	Company Records		<u>(5,659,809)</u>	4
5	Adjustment			<u>\$ (8,015,970)</u>	5
				Sch C-2, Sh 2 Col (i)	
6	Adjusted Regulatory Amortizations	Ln 1 + Ln 5		<u><u>\$ 0</u></u>	6
7	Gas Research Fund - Base Rates	Testimony: Cunningham	930.2	<u><u>\$ 820,000</u></u>	7
				Sch C-2, Sh 2 Col (i)	

Explanation

Removing the portion of regulatory amortization expense related to surcharges since the offsetting revenues are not included in revenue at present rates;
 Reclassifying the Gas Research Fund surcharge to include in base rates at \$820k/yr.

**SOUTHWEST GAS CORPORATION
ARIZONA
COMPUTATION OF GROSS REVENUE CONVERSION FACTOR**

Line No.	Description (a)	Reference (b)	Amount (c)	Line No.
1	Gross Operating Revenues		\$ 1,000.00	1
2	Less: Uncollectibles	Sch C-2, Adj. 7, Sh 1	0.3025%	2
3	Subtotal	Ln 1 * (1 - Ln 2)	\$ 996.97	3
4	Less: State Income Tax	Sch C-3, Sh 2, Ln 1(c)	5.5000%	4
5	Subtotal	Ln 3 * (1-Ln 4)	\$ 942.14	5
6	Less: Federal Income Tax	Sch C-3, Sh 2, Ln 3(c)	33.0750%	6
7	Total	Ln 5 - (Ln 3 * Ln 6)	\$ 612.39	7
8	Gross Revenue Conversion Factor	Ln 1 / Ln 7	1.6329	8
			Sch A-1, Sh 1, Ln 7(e)	

**SOUTHWEST GAS CORPORATION
ARIZONA
COMPUTATION OF STATE AND FEDERAL INCOME TAX RATES**

Line No.	Description (a)	Reference (b)	Amount (c)	Line No.
1	State Income Tax Rate	2016 Statutory Rate	\$ 5.5000% Sch C-1, Sh 16, Ln 6	1
2	Federal Income Tax Rate	Current Statutory Rate	35.0000%	2
3	Effective Federal Income Tax Rate	Ln 2 * (1 - Ln 1)	33.0750% Sch C-1, Sh 16, Ln 16	3
4	Total Effective Income Tax Rate	Ln 1 + Ln 3	<u>38.5750%</u>	4

Schedule D

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF CAPITAL AT NOVEMBER 30, 2015**

ORIGINAL COST RATE BASE (OCRB) COST OF CAPITAL

Line No.	Description (a)	Capital Ratio (b)	Capital Cost (c)	Weighted Cost of Capital (d)	Line No.
1	Long-Term Debt	48.31%	5.21% [1]	2.52%	1
2	Common Equity	<u>51.69%</u>	10.25% [2]	<u>5.30%</u>	2
3	Total	<u>100.00%</u>		<u>7.82%</u>	3

[1] Reference Schedule D-2, Sheet 1 of 4
[2] Reference Schedule D-4, Sheet 1 of 1

FAIR VALUE RATE OF RETURN [3]

Line No.	Description (a)	Capital Ratio (b)	Capital Cost (c)	Weighted Cost of Capital (d)	Line No.
1	Long-Term Debt	35.60%	5.21% [1]	1.86%	1
2	Common Equity	38.10%	10.25% [2]	3.91%	2
3	Appreciation Above OCRB	26.30%	0.93% [2]	0.24%	3
4	Total	<u>100.00%</u>		<u>6.01%</u>	4

[1] Reference Schedule D-2, Sheet 1 of 4
[2] Reference Schedule D-4, Sheet 1 of 1
[3] FVROR is based on FVRB/OCRB = 1.36

SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
NET CAPITAL AT NOVEMBER 30, 2015

Line No.	Description (a)	Net System Balance at 11/30/2015 (b)	Adjustments[1] (c)	Pro Forma Net Capital Amounts (d)	Capital Ratio (e)	Line No.
	<u>Debt</u>					
	Long-Term Debt:					
1	Debentures & Medium Term Notes	\$ 873,077,783	-	\$ 873,077,783	31.40%	1
2	Term Facilities	149,486,115	-	149,486,115	5.38%	2
3	Clark County IDRB's	271,082,353		271,082,353	9.75%	3
4	Big Bear IDRB's	49,582,463		49,582,463	1.78%	4
5	Total Long-Term Debt	<u>\$ 1,343,228,715</u>	<u>-</u>	<u>\$ 1,343,228,715</u>	<u>48.31%</u>	5
	<u>Equity</u>					
6	Preferred Equity	\$ -	-	-	0.00%	6
7	Common Equity	1,594,243,900	(157,085,499)	1,437,158,401	51.69%	7
8	Total Equity	<u>\$ 1,594,243,900</u>	<u>\$ (157,085,499)</u>	<u>\$ 1,437,158,401</u>	<u>51.69%</u>	8
9	Total Capital	<u>\$ 2,937,472,615</u>	<u>\$ (157,085,499)</u>	<u>\$ 2,780,387,116</u>	<u>100.00%</u>	9

[1] Adjustments:
Equity investment in Centuri Construction Group \$ (157,085,499)

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF DEBT AT NOVEMBER 30, 2015**

Line No.	Description (a)	Net Principal Amount Outstanding (b)	Interest Rate (c)	Cost of Debt (d)	Line No.
1	Fixed Rate Debt [1]	\$ 873,077,783	5.91%	\$ 51,582,342	1
2	Variable Rate Debt [2]	149,486,115	1.10%	1,646,640	2
3	Total Long-Term Debt	<u>\$ 1,022,563,898</u>	<u>5.21%</u>	<u>\$ 53,228,982</u>	3

[1] Reference Schedule D-2, Sheet 2 of 4

[2] Reference Schedule D-2, Sheet 3 of 4

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF LONG-TERM FIXED RATE DEBT
AT NOVEMBER 30, 2015**

Line No.	Description (a)	Principal Amount Outstanding (b)	Unamortized Debt Expense and Discount (c)	Net Proceeds (d)	Effective Interest Rate (e)	Cost of Debt (f)	Line No.
Debtentures							
1	8.0% Debenture, Due 2026	\$ 75,000,000	\$ 4,530,066	\$ 70,469,934	8.89%	\$ 6,264,777	1
2	4.45% Notes, Due 2020	125,000,000	6,752,610	118,247,390	5.87%	6,940,294	2
3	6.1% Notes, Due 2043	125,000,000	156,237	124,843,763	6.11%	7,627,954	3
4	3.875% Notes, Due 2022	250,000,000	15,223,719	234,776,281	5.10%	11,973,590	4
5	4.875% Notes, Due 2043	250,000,000	2,701,892	247,298,108	4.95%	12,233,590	5
6	Total Debtentures	\$ 825,000,000	\$ 29,364,524	\$ 795,635,476	5.66%	\$ 45,040,206	6
Medium Term Notes							
7	7.59% MTN, Due 2017	\$ 25,000,000	\$ 23,030	\$ 24,976,970	7.68%	\$ 1,918,231	7
8	7.78% MTN, Due 2022	25,000,000	97,945	24,902,055	7.86%	1,957,302	8
9	7.92% MTN, Due 2027	25,000,000	153,232	24,846,768	8.00%	1,987,741	9
10	6.76% MTN, Due 2027	7,500,000	-	7,500,000	6.76%	507,000	10
11	Total Medium Term Notes	\$ 82,500,000	\$ 274,207	\$ 82,225,793	7.75%	\$ 6,370,274	11
12	Unamortized Loss on Reacquired Debt ^[1]	\$ -	\$ 4,783,486	\$ (4,783,486)		\$ 171,862	12
13	Total Debtentures and MTNs	\$ 907,500,000	\$ 34,422,217	\$ 873,077,783	5.91%	\$ 51,582,342	13
Sch D-2, Sheet 1							
Tax Exempt Clark County							
14	2005 Series A, Due 2034	100,000,000	1,362,149	98,637,851	5.25%	5,182,127	14
15	2006 Series A, Due 2036	24,855,000	369,463	24,485,537	5.04%	1,234,138	15
16	Industrial Revenue Bonds	\$ 124,855,000	\$ 1,731,611	\$ 123,123,389	5.21%	\$ 6,416,265	16
Amortization of Loss/(Gain) from:							
17	1999 Clark County, Series A	\$ -	\$ 430,525	\$ (430,525)	-4.35%	\$ 18,718	17
18	1999 Clark County, Series C	-	586,853	(586,853)	-4.35%	25,515	18
19	1999 Clark County, Series D	-	339,680	(339,680)	-4.35%	14,769	19
20	2003 Clark County, Series C	-	1,095,369	(1,095,369)	-4.49%	49,230	20
21	2003 Clark County, Series D	-	1,307,560	(1,307,560)	-4.49%	58,767	21
22	2003 Clark County, Series E	-	172,713	(172,713)	-4.49%	7,762	22
23	2004 Clark County, Series A	-	1,114,117	(1,114,117)	-5.38%	59,952	23
24	2004 Clark County, Series B	-	(4,045,239)	4,045,239	-5.56%	(224,736)	24
25	2006 Clark County, Series A	\$ -	\$ (5,420,832)	\$ 5,420,832	-4.82%	\$ (261,245)	25
Total Amortization of Loss/(Gain) from retirement of Industrial Revenue Bonds							
26		\$ -	\$ (4,419,254)	\$ 4,419,254	-5.69%	\$ (251,267)	26
27	Total Tax Exempt	\$ 124,855,000	\$ (2,687,642)	\$ 127,542,642	4.83%	\$ 6,164,998	27
28	Total Fixed-Rate Debt	\$ 1,032,355,000	\$ 31,734,575	\$ 1,000,620,425	5.77%	\$ 57,747,339	28

[1] In March 2010, the Company redeemed the \$100 million, 7.70% Subordinated Debentures (Preferred Securities), due 9/15/2043, at par. The unamortized debt expenses were recorded as a reacquisition loss and will be amortized over the remaining life of the retired securities.

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
VARIABLE RATE DEBT COST OF DEBT
AT NOVEMBER 30, 2015**

Line No.	Description (a)	Principal Amount Outstanding (b)	Unamortized Debt Expense and Discount (c)	Net Proceeds (d)	Interest Rate (e)	Cost of Debt (f)	Line No.
1	Term Facility[1]	\$ 150,000,000	\$ 513,885	\$ 149,486,115	1.10%	\$ 1,646,640	1
					Sch D-2, Sheet 1		
2	Big Bear 1993 Series A IDR	\$ 50,000,000	\$ 417,537	\$ 49,582,463	0.99%	\$ 488,532	2
3	Clark Co.2003 Series A IDR	\$ 50,000,000	\$ 1,962,443	\$ 48,037,557	1.29%	620,968	3
4	Clark Co.2008 Series A IDR	50,000,000	3,843,370	46,156,630	1.42%	653,341	4
5	Clark Co.2009 Series A IDR	50,000,000	654,475	49,345,525	0.93%	460,336	5
6	Total Clark Co. Tax Exempt	\$ 150,000,000	\$ 6,460,289	\$ 143,539,711	1.21%	\$ 1,734,645	6

[1] Based on \$150 million designated long-term of the \$300 million Bank Facility

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF LONG-TERM DEBT
ORIGINAL NET PROCEEDS OF ISSUES OUTSTANDING [1]**

Line No.	Description (a)	Origination Date (b)	Maturity Date (c)	Coupon Rate (d)	Offered (e)	Gross Proceeds (f)	Underwriter's Commission and Discounts		Debt and Issuance Expense		Net Proceeds		Cost of Money [2] (m)	Line No.
							Amount (g)	Percent of Gross Proceeds (h)	Amount (i)	Percent of Gross Proceeds (j)	Amount (k)	Per \$100 Unit (l)		
1	Debentures													
2	8.0% Debenture, Due 2026	08/01/96	08/01/26	8.00%	\$ 75,000,000	\$ 75,000,000	\$ 894,750	1.19%	\$ 6,048,405	8.06%	\$ 68,056,845	90.74	8.89%	1
3	4.45% Notes, Due 2020	12/10/10	12/01/20	4.45%	125,000,000	125,000,000	1,040,000	0.83%	12,237,413	9.79%	111,722,587	89.38	5.87%	2
4	6.1% Notes, Due 2043	02/15/11	02/15/41	6.10%	125,000,000	125,000,000	0	0.00%	167,358	0.13%	124,832,642	99.87	6.11%	3
4	3.875% Notes, Due 2022	03/23/12	04/01/22	3.88%	250,000,000	250,000,000	1,710,000	0.68%	22,139,458	8.86%	226,150,542	90.46	5.10%	4
5	4.875% Notes, Due 2043	10/04/13	10/01/43	4.88%	250,000,000	250,000,000	2,382,500	0.95%	413,165	0.17%	247,204,335	98.88	4.95%	5
6	Total Debentures				825,000,000	825,000,000	6,027,250	0.73%	41,005,800	4.97%	777,966,950	94.30		6
7	Medium Term Notes													
8	7.59% MTN, Due 2017	01/17/97	01/17/17	7.59%	25,000,000	25,000,000	\$ 187,500	0.75%	33,400	0.13%	24,779,100	99.12	7.68%	7
9	7.78% MTN, Due 2022	02/03/97	02/03/22	7.78%	25,000,000	25,000,000	187,500	0.75%	33,400	0.13%	24,779,100	99.12	7.86%	8
10	7.92% MTN, Due 2027	06/04/97	06/04/27	7.92%	25,000,000	25,000,000	187,500	0.75%	45,761	0.18%	24,766,739	99.07	8.00%	9
11	6.76% MTN, Due 2027[3]	09/23/97	09/24/27	6.76%	7,500,000	7,500,000	46,875	0.63%	17,228	0.23%	7,436,897	99.15	6.88%	10
	Total Medium Term Notes				82,500,000	82,500,000	\$ 609,375	0.74%	129,789	0.16%	81,760,836	99.10		11
12	Tax Exempt Clark County													
13	2003 Series A, Due 2038	03/25/03	03/01/38	Var	50,000,000	50,000,000	\$ 128,076	0.26%	2,820,818	5.64%	47,051,106	94.10	Var	12
13	2005 Series A, Due 2035[3]	10/01/05	10/01/35	4.85%	100,000,000	100,000,000	1,350,000	1.35%	2,724,048	2.72%	95,925,952	95.93	5.76%	13
14	2006 Series A, Due 2036[3]	09/01/06	09/01/36	4.75%	56,000,000	56,000,000	686,000	1.23%	801,557	1.43%	54,512,443	97.34	5.09%	14
15	2008 Series A, Due 2038	09/24/08	03/01/38	Var	50,000,000	50,000,000	178,749	0.36%	4,770,922	9.54%	45,050,429	90.10	Var	15
16	2009 Series A, Due 2038	12/09/09	12/01/39	Var	50,000,000	50,000,000	175,000	0.35%	766,649	1.53%	49,058,351	98.12	Var	16
17	Total Tax Exempt Clark County				306,000,000	306,000,000	\$ 2,517,825	0.82%	11,883,894	3.88%	291,598,281	95.29		17
18	Tax Exempt Big Bear													
18	1993 Series A, Due 2028	12/01/93	12/01/28	Var	50,000,000	50,000,000	\$ 175,000	0.35%	656,763	1.31%	49,168,237	98.34	Var	18
19	Term Facility [4]	03/15/12	03/25/21	Var	150,000,000	150,000,000	\$ -	0.00%	568,993	0.38%	149,431,007	99.62	Var	19
20	Total Debt Capital				1,413,500,000	1,413,500,000	\$ 9,329,450	0.66%	54,245,239	3.84%	1,349,925,311	95.50		20

[1] Based on Company records.
[2] Based on the Net Proceeds method.
[3] Effective rate a issuance
[4] A commercial paper program was initiated in October 2002 and is backed by \$50 million of the term facility.

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF PREFERRED SECURITIES[1]
AT NOVEMBER 30, 2015**

Line No.	Description (a)	Net Proceeds Per Security (b)	Number of Securities (c)	Net Proceeds (d)	Effective Cost (e)	Annual Cost (f)	Line No.
-------------	--------------------	--	--------------------------------	------------------------	--------------------------	-----------------------	-------------

[1] The Company has no outstanding preferred securities

SOUTHWEST GAS CORPORATION
COST OF PREFERRED SECURITIES⁽¹⁾
ORIGINAL NET PROCEEDS OF ISSUES OUTSTANDING AT NOVEMBER 30, 2015

Line No.	Description (a)	Annual Dividend Rate/Share (b)	Total Issued		Underwriter's Commission		Reacquired Debt Expense		Issuance Expense		Net Proceeds	
			At Par (c)	Gross Proceeds (d)	Amount (e)	Percent of Gross Proceeds (f)	Amount (g)	Percent of Gross Proceeds (h)	Amount (i)	Percent of Gross Proceeds (j)	Amount (k)	Amount Per Share (l)

⁽¹⁾ The Company has no outstanding preferred securities

**SOUTHWEST GAS CORPORATION
TOTAL ARIZONA
COST OF COMMON EQUITY**

<u>Line No.</u>	<u>Description</u> (a)	<u>Line No.</u>
1	Prepared Direct Testimony of Southwest Gas witness Mr. Robert Hevert	1

Schedule E

**SOUTHWEST GAS CORPORATION
COMPARATIVE BALANCE SHEETS**

Line No.	Description (a)	Balance at 11/30/2015		Balance at 12/31/2014		Balance at 12/31/2013		Line No.		
		Arizona (b)	Other (c)	Total (d)	Arizona (e)	Other (f)	Total (g)		Arizona (h)	Other (i)
Assets and Other Debits (1)										
1	Utility Plant	\$ 2,859,008,985	\$ 2,711,529,405	\$ 5,570,538,370	\$ 2,689,403,641	\$ 2,591,550,836	\$ 5,280,954,477	\$ 2,543,812,568	\$ 2,498,727,236	\$ 5,042,538,804
2	Completed Construction Not Classified (106)	155,326,991	78,343,599	233,670,590	138,085,782	126,717,826	264,803,609	109,462,184	89,807,163	199,269,346
3	Construction Work in Progress (107)	31,865,959	87,689,665	119,555,624	47,370,216	26,962,169	74,332,385	63,765,324	37,647,403	101,412,727
4	Total Utility Plant	\$ 3,046,201,915	\$ 2,877,562,670	\$ 5,923,764,585	\$ 2,874,859,640	\$ 2,745,230,831	\$ 5,620,090,471	\$ 2,717,040,075	\$ 2,626,181,802	\$ 5,343,221,877
5	Less: Accumulated Provision for Depreciation and Amortization (108, 111 119)	1,279,976,157	1,090,028,942	2,370,005,099	1,223,522,290	1,042,184,799	2,265,707,088	1,151,981,966	984,131,768	2,136,113,734
6	Net Utility Plant	\$ 1,766,225,758	\$ 1,787,533,727	\$ 3,553,759,486	\$ 1,651,337,350	\$ 1,703,046,033	\$ 3,354,383,383	\$ 1,565,058,109	\$ 1,642,050,033	\$ 3,207,108,142
7	Other Property and Investments	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8	Northern California Surcharge (120)	0	201,337	201,337	0	201,337	201,337	0	201,337	201,337
9	Non-Utility Property (121)	0	0	0	0	0	0	0	0	0
10	Non-Utility Accumulated Depreciation (122)	0	0	0	0	0	0	0	0	0
11	Investment in Subsidiary and Associated Companies (123, 123.1)	0	249,818,660	249,818,660	0	224,838,187	224,838,187	0	204,238,566	204,238,566
12	Other Investments (124)	0	0	0	0	0	0	0	0	0
13	Special Funds (125,128)	0	97,162,687	97,162,687	0	99,486,010	99,486,010	0	92,923,667	92,923,667
14	Total Other Property and Investments	\$ 0	\$ 347,182,684	\$ 347,182,684	\$ 0	\$ 324,525,535	\$ 324,525,535	\$ 0	\$ 297,363,570	\$ 297,363,570
Current and Accrued Assets										
14	Cash (131)	\$ 0	\$ 8,421,738	\$ 8,421,738	\$ 0	\$ (2,855,237)	\$ (2,855,237)	\$ 0	\$ 12,712,643	\$ 12,712,643
15	Working Funds (135)	0	484,157	484,157	0	564,561	564,561	0	471,055	471,055
16	Temporary Cash Investments (136)	0	289,578	289,578	0	288,597	288,597	0	10,286,957	10,286,957
17	Notes and Accounts Receivables Less Accumulated Provision for Uncollectible Accounts (141-144)	7,651,490	73,720,231	81,371,720	10,049,083	130,067,170	140,116,252	7,412,103	120,503,578	127,915,681
18	Receivables from Associated Companies (145-146)	0	29,675,158	29,675,158	0	14,247,742	14,247,742	0	11,426,959	11,426,959
19	Materials and Supplies (151,154, 155, 163)	542,284	23,310,898	23,853,162	425,744	22,861,733	23,286,876	492,454	21,203,586	21,696,040
20	Liquidified Natural Gas Stored (164.1, 164.2)	2,441,485	10,601,037	13,042,521	2,427,303	11,877,339	14,304,642	2,323,707	10,456,305	12,780,012
21	Prepayments (165)	0	13,771,266	13,771,266	0	12,288,846	12,288,846	(10,000)	11,746,679	11,736,679
22	Interest and Dividends Receivable (171)	0	0	0	0	0	0	0	0	0
23	Accrued Utility Revenue (173)	0	53,800,000	53,800,000	0	73,900,000	73,900,000	0	72,700,000	72,700,000
24	Miscellaneous Current and Accrued Assets (174)	0	17,101,413	17,101,413	0	19,959,771	19,959,771	0	8,128,970	8,128,970
25	Total Current and Accrued Assets	\$ 10,635,238	\$ 231,175,476	\$ 241,810,714	\$ 12,902,130	\$ 283,199,921	\$ 296,102,051	\$ 10,218,264	\$ 279,636,731	\$ 289,854,990
26	Deferred Debits	\$ 0	\$ 3,938,753	\$ 3,938,753	\$ 0	\$ 5,824,485	\$ 5,824,485	\$ 0	\$ 6,816,859	\$ 6,816,859
27	Unamortized Debt Discount and Expenses (181)	0	0	0	0	0	0	0	0	0
28	Other Regulatory Assets (182)	13,072,365	31,600,915	44,673,280	(16,609,759)	52,207,366	35,597,607	(5,473,265)	61,822,520	56,349,254
29	Preliminary Survey and Investigative Charges (183)	0	(3,918)	(3,918)	0	86,058	86,058	0	317,469	317,469
30	Clearing Accounts (184)	33,967	61,217	95,184	149,651	252,980	402,631	(2,364)	116,669	114,305
31	Miscellaneous Deferred Debits (186)	5,509,296	4,850,726	10,360,022	5,640,737	5,084,891	10,725,629	5,601,627	4,885,440	10,487,068
32	Research and Development (188)	0	0	0	0	0	0	0	0	0
33	Loss on Recaptured Debt (189)	0	21,615,144	21,615,144	0	20,478,472	20,478,472	0	19,613,983	19,613,983
34	Accumulated Deferred Income Taxes (190)	0	1,783,867	1,783,867	0	20,172,113	20,172,113	0	19,739,101	19,739,101
35	Unrecovered Purchased Gas Costs (191)	(8,418,182)	(40,273,333)	(48,691,515)	48,371,583	39,184,678	87,556,261	3,167,270	15,050,003	18,217,272
36	Total Deferred Debits	\$ 10,197,446	\$ 23,573,372	\$ 33,770,818	\$ 37,552,212	\$ 143,291,044	\$ 180,843,255	\$ 3,293,268	\$ 128,362,044	\$ 131,655,311
37	Total Assets and Other Debits	\$ 1,787,058,442	\$ 2,389,465,259	\$ 4,176,523,701	\$ 1,701,791,691	\$ 2,454,062,532	\$ 4,155,854,224	\$ 1,578,569,641	\$ 2,347,412,378	\$ 3,925,982,019

NOTE: The Arizona columns above reflect only those amounts separately identified in the Southwest Gas general ledger as pertaining solely to Arizona. Allocations are not included, thus the debits and credits in the Arizona columns do not balance. The financial statements appearing herein are unaudited, and were prepared solely for the purposes of complying with the filing requirements for this general rate case.

(1) Source: Company Records

**SOUTHWEST GAS CORPORATION
COMPARATIVE BALANCE SHEETS**

Line No.	Description (a)	Balance at 11/30/2015		Balance at 12/31/2014		Balance at 12/31/2013		Line No.			
		Arizona (b)	Other (c)	Total (d)	Arizona (e)	Other (f)	Total (g)		Arizona (h)	Other (i)	Total (j)
Liabilities and Other Credits											
Proprietary Capital											
1	Common Stock Issued (201)	\$ 0	\$ 49,007,461	\$ 49,007,461	\$ 0	\$ 48,153,070	\$ 48,153,070	\$ 0	\$ 47,986,011	\$ 47,986,011	1
2	Preferred Stock Issued (204)	0	0	0	0	0	0	0	0	0	2
3	Premium on Capital Stock (207)	0	899,984,008	899,984,008	0	862,005,196	862,005,196	0	851,132,081	851,132,081	3
4	Other Paid in Capital (208-211)	0	0	0	0	0	0	0	0	0	4
5	Reacquired Capital Stock (217)	0	0	0	0	0	0	0	0	0	5
6	Capital Stock Expense (214)	0	(11,251,529)	(11,251,529)	0	(10,624,642)	(10,624,642)	0	(10,610,642)	(10,610,642)	6
7	Retained Earnings (216)	0	730,627,062	730,627,062	0	707,770,854	707,770,854	0	630,383,879	630,383,879	7
8	Total Proprietary Capital	\$ 0	\$ 1,668,367,003	\$ 1,668,367,003	\$ 0	\$ 1,607,304,477	\$ 1,607,304,477	\$ 0	\$ 1,518,891,328	\$ 1,518,891,328	8
Long-Term Debt											
9	Bonds and Swaps (219, 221, 222)	\$ 0	\$ 1,220,188,733	\$ 1,220,188,733	\$ 0	\$ 1,269,487,941	\$ 1,269,487,941	\$ 0	\$ 1,332,414,350	\$ 1,332,414,350	9
10	Other Long-Term Debt (223, 224, 226)	0	158,823,544	158,823,544	0	158,079,697	158,079,697	0	16,909,943	16,909,943	10
11	Other Preferred Securities (224.1)	0	0	0	0	0	0	0	0	0	11
12	Total Long-Term Debt	\$ 0	\$ 1,379,012,277	\$ 1,379,012,277	\$ 0	\$ 1,427,567,638	\$ 1,427,567,638	\$ 0	\$ 1,349,324,293	\$ 1,349,324,293	12
Current and Accrued Liabilities											
13	Notes Payable (231)	\$ 0	\$ 20,000,000	\$ 20,000,000	\$ 0	\$ 5,000,000	\$ 5,000,000	\$ 0	\$ 0	\$ 0	13
14	Accounts Payable (232)	0	75,962,526	75,962,526	0	114,034,317	114,034,317	0	146,736,592	146,736,592	14
15	Payables to Associated Companies (233, 234)	0	31,906,083	31,906,083	0	16,474,453	16,474,453	0	13,398,560	13,398,560	15
16	Customer Deposits (235)	39,403,805	32,979,059	72,382,864	38,673,546	32,872,693	71,546,238	40,002,903	33,364,082	73,366,985	16
17	Taxes Accrued (236)	13,632,377	(21,066,353)	(7,433,976)	17,373,079	(18,806,049)	(1,432,970)	14,998,565	81,003	15,079,568	17
18	Interest Accrued (237)	1,222,051	13,120,017	14,342,068	1,211,461	15,256,344	16,467,805	1,252,050	16,668,311	17,920,361	18
19	Dividends Declared (238)	0	38,375,838	38,375,838	0	16,980,962	16,980,962	0	15,297,521	15,297,521	19
20	Tax Collections Payable (241)	7,821,105	7,589,595	15,410,700	12,768,395	9,349,759	22,118,154	11,217,566	9,193,458	20,411,024	20
21	Miscellaneous Current and Accrued Liabilities (242)	(3,769,726)	(25,273,674)	(29,043,400)	(5,107,451)	(22,015,177)	(27,122,628)	(5,119,515)	(35,683,259)	(40,802,775)	21
22	Total Current and Accrued Liabilities	\$ 58,309,612	\$ 173,593,091	\$ 231,902,703	\$ 64,919,030	\$ 169,147,301	\$ 234,066,331	\$ 62,351,569	\$ 199,056,267	\$ 261,407,836	22
Deferred Credits											
23	Customer Advances for Construction (252)	\$ 41,169,220	\$ 38,878,227	\$ 80,047,447	\$ 37,147,019	\$ 29,465,632	\$ 66,612,650	\$ 31,065,753	\$ 23,247,883	\$ 54,303,636	23
24	Other Deferred Credits (253)	5,190,608	66,965,299	72,155,907	6,062,208	64,371,560	70,433,768	0	56,127,423	56,127,423	24
25	Other Regulatory Liabilities (254)	92,546	7,935,685	8,028,231	102,587	8,783,720	8,886,307	112,629	10,655,301	10,767,930	25
26	Accumulated Deferred Investment Tax Credit (255)	1,716,820	903,520	2,620,340	2,201,150	1,208,402	3,409,552	2,729,510	1,541,001	4,270,511	26
27	Unamortized Gain on Required Debt (257)	0	10,370,071	10,370,071	0	10,861,590	10,861,590	0	11,397,793	11,397,793	27
28	Accumulated Deferred Income Taxes (282, 283)	366,286,114	355,703,609	721,989,723	375,076,602	345,296,394	720,372,996	353,354,378	296,171,326	649,525,705	28
29	Total Deferred Credits	\$ 414,455,308	\$ 480,756,411	\$ 895,211,719	\$ 420,589,566	\$ 459,987,298	\$ 880,576,864	\$ 387,252,271	\$ 399,140,728	\$ 786,392,998	29
Other Long-Term Liabilities											
30	Injuries and Damages Reserve (228)	\$ 0	\$ 2,030,000	\$ 2,030,000	\$ 0	\$ 6,338,914	\$ 6,338,914	\$ 0	\$ 9,965,564	\$ 9,965,564	30
31	Provision for Rate Refunds (229)	0	0	0	0	0	0	0	0	0	31
32	Total Other Long-Term Liabilities	\$ 0	\$ 2,030,000	\$ 2,030,000	\$ 0	\$ 6,338,914	\$ 6,338,914	\$ 0	\$ 9,965,564	\$ 9,965,564	32
33	Total Liabilities and Other Credits	\$ 472,764,920	\$ 3,703,758,781	\$ 4,176,523,702	\$ 485,508,596	\$ 3,670,345,628	\$ 4,155,854,224	\$ 449,603,839	\$ 3,476,378,180	\$ 3,925,982,019	33

NOTE: The Arizona columns above reflect only those amounts separately identified in the Southwest Gas general ledger as pertaining solely to Arizona. Allocations are not included, thus the debits and credits in the Arizona columns do not balance. The financial statements appearing herein are unaudited, and were prepared solely for the purposes of complying with the filing requirements for this general rate case.

[1] Source: Company Records

**SOUTHWEST GAS CORPORATION
ARIZONA
COMPARATIVE INCOME STATEMENTS**

Line No.	Description (a)	For the Test Year Ended 11/30/2015 (b)	For the Year Ended 12/31/2014 (c)	For the Year Ended 12/31/2013 (d)	Line No.
1	Operating Revenue	\$ 759,679,827	\$ 718,496,472	\$ 693,846,102	1
2	Operating Expenses and Taxes	<u>682,765,555</u>	<u>639,218,575</u>	<u>607,869,760</u>	2
3	Operating Income	\$ 76,914,272	\$ 79,277,897	\$ 85,976,342	3
4	Other Income and Deductions	<u>0</u>	<u>0</u>	<u>0</u>	4
5	Income Before Interest Deductions	\$ 76,914,272	\$ 79,277,897	\$ 85,976,342	5
6	Net Interest Deductions	<u>33,595,234</u>	<u>34,700,459</u> [2]	<u>32,283,332</u> [2]	6
7	Net Income	<u>\$ 43,319,038</u>	<u>\$ 44,577,438</u>	<u>\$ 53,693,010</u>	7
			Sch A-2	Sch A-2	

[1] Schedule E-6

[2] Source: Company Records

SOUTHWEST GAS CORPORATION
STATEMENTS OF INCOME

Line No.	Description	Year Ended 11/30/2015	Year Ended 12/31/2014	Year Ended 12/31/2013	Line No.
	(a)	(b)	(c)	(d)	
	Utility Operating Income				
1	Operating Revenues (400)	\$ 1,469,850,268	\$ 1,402,559,507	\$ 1,320,228,772	1
	Operating Expenses:				
2	Operating Expenses (401)	\$ 892,225,866	\$ 832,451,341	\$ 763,077,570	2
3	Maintenance Expenses (402)	84,705,845	79,608,920	80,679,877	3
4	Depreciation Expense (403)	187,394,719	182,245,802	174,445,179	4
5	Amortization of Other Limited Term Gas Plant (404.3)	13,019,044	11,960,292	10,683,448	5
6	Amortization of Utility Plant Acquisition Adjustment (406)	153,886	153,886	153,886	6
7	Amortization of Property Losses (407.1)	0	0	0	7
8	Amortization of Regulatory Assets (407.3)	11,934,990	9,921,633	8,703,573	8
9	Amortization of Regulatory Liabilities (407.4)	(126,676)	(138,192)	(138,192)	9
10	Taxes Other than Income Taxes (408.1)	50,259,044	47,252,303	45,550,805	10
11	Income Taxes - Federal (409.1)	15,121,549	(13,985,959)	(8,709,082)	11
12	Income Taxes - Other (409.1)	6,195,963	2,451,849	3,558,057	12
13	Provision for Deferred Income Taxes (410.1)	153,758,042	168,951,780	175,014,924	13
14	Provision for Deferred Income Taxes - Credit (411.1)	(114,889,930)	(95,208,797)	(104,874,178)	14
15	Investment Tax Credit Adjustment - Net (411.4)	(860,959)	(860,959)	(860,959)	15
16	Total Utility Operating Expenses	\$ 1,298,891,384	\$ 1,224,803,897	\$ 1,147,284,906	16
17	Net Utility Operating Income	\$ 170,958,884	\$ 177,755,611	\$ 172,943,866	17
	Other Income and Deductions				
	Other Income:				
18	Non-Utility Operating Income (415-418)	\$ 0	\$ 0	\$ 0	18
19	Equity in Earnings of Subsidiary Companies (418.1)	28,296,354	29,399,622	26,143,887	19
20	Interest and Dividend Income (419)	2,562,167	2,900,145	456,030	20
21	Allowance for Equity Funds Used During Construction (419.1)	2,743,224	1,995,330	2,273,846	21
22	Amortization of Investment Tax Credits (420)	0	0	0	22
23	Miscellaneous Non-Operating Income (421)	479,990	355,160	239,229	23
24	Gain on Disposition of Property (421.1)	0	0	0	24
25	Total Other Income	\$ 34,081,735	\$ 34,650,257	\$ 29,112,992	25
	Other (Income) Deductions				
26	Miscellaneous Amortizations (425)	\$ 26,361	\$ 26,361	\$ 26,361	26
27	Miscellaneous (Income) Deductions (426)	3,722,612	(1,970,227)	(9,072,946)	27
28	Total (Income) Deductions	\$ 3,748,973	\$ (1,943,866)	\$ (9,046,585)	28
	Taxes Applicable to Other Income and Deductions				
29	Taxes Other than Income Taxes (408.2)	\$ 10,946	\$ 3,682	\$ 4,852	29
30	Income Taxes (409.2)	2,293,665	1,784,250	(111,856)	30
31	Provision for Deferred Income Taxes (410.2, 411.2)	(14,680)	355,127	1,261,830	31
32	Investment Tax Credit Adjustment - Net (411.5)	0	0	0	32
33	Total Taxes Applicable to Other Income and Deductions	\$ 2,289,931	\$ 2,143,059	\$ 1,154,826	33
34	Net Other Income and (Deductions)	\$ 28,042,831	\$ 34,451,064	\$ 37,004,750	34
	Interest Charges				
35	Interest on Long-Term Debt (427)	\$ 60,335,206	\$ 64,985,296	\$ 58,227,127	35
36	Amortization of Debt Discount and Expense (428)	2,386,906	2,599,097	2,538,603	36
37	Amortization of Gain on Reacquired Debt (429)	(536,203)	(536,203)	(536,203)	37
38	Other Interest Expense (430-431)	4,325,591	2,783,160	3,585,748	38
39	Total Interest Charges	\$ 66,511,500	\$ 69,831,349	\$ 63,815,276	39
40	Allowance for Borrowed Funds Used During Construction (432)	(1,524,652)	(1,227,317)	(1,260,342)	40
41	Net Interest Charges	\$ 68,036,152	\$ 71,058,666	\$ 65,075,618	41
42	Net Income	\$ 130,965,563	\$ 141,148,009	\$ 144,872,998	42

SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
COMPARATIVE STATEMENT OF CASH FLOWS
(\$ Thousands)

Line No.	Description	Year Ended			Line No.
		11/30/2015 [1]	12/31/2014	12/31/2013	
	(a)	(b)	(c)	(d)	
CASH FLOWS FROM OPERATING ACTIVITIES:					
1	Net Income	\$ 139,430	\$ 141,148	\$ 144,873	1
	Adjustments to reconcile net income to net cash provided by operating activities:				
2	Depreciation and amortization	270,111	253,027	236,817	2
3	Deferred income taxes	48,785	64,309	68,639	3
	Changes in current assets and liabilities:				
4	Accounts receivable	(39,850)	(3,683)	(22,556)	4
5	Accrued utility revenue	(800)	(1,200)	(700)	5
6	Unrecovered purchased gas costs	129,566	(69,339)	(111,143)	6
7	Accounts payable	(3,491)	(41,499)	27,668	7
8	Accrued taxes	(8,405)	(13,573)	925	8
9	Other current assets and liabilities	18,300	23,379	5,084	9
10	Other	(6,499)	(6,146)	(3,398)	10
11	Net cash provided by operating activities	\$ 547,147	\$ 346,423	\$ 346,209	11
CASH FLOWS FROM INVESTING ACTIVITIES:					
12	Construction expenditures	\$ (488,000)	\$ (396,898)	\$ (364,276)	12
13	Other	18,178	(158,690)	16,238	13
14	Net cash used in investing activities	\$ (469,822)	\$ (555,588)	\$ (348,038)	14
CASH FLOWS FROM FINANCING ACTIVITIES:					
15	Issuance of common stock	\$ 35,396	\$ 405	\$ 1,635	15
16	Dividends paid	(74,248)	(66,275)	(59,535)	16
17	Issuance of long-term debt, net	135,816	269,228	311,290	17
18	Retirement of long-term debt	(187,973)	(139,155)	(137,013)	18
19	Issuance (repayment) of short-term debt	13,000	145,000	(99,001)	19
20	Other	(2,885)	(1,549)	0	20
21	Net cash provided by (used in) financing activities	\$ (80,894)	\$ 207,654	\$ 17,376	21
22	Change in cash and temporary cash investments	\$ (3,569)	\$ (1,511)	\$ 15,547	22
23	Cash at beginning of period	39,566	41,077	25,530	23
24	Cash at end of period	\$ 35,997	\$ 39,566	\$ 41,077	24

[1] Prepared based on year ended December 31, 2015. Source: 2015 Annual Report, pages 38-39

**SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
STATEMENT OF CHANGES IN STOCKHOLDERS' EQUITY AND PREFERRED SECURITIES**

Line No.	Description (a)	Preferred Securities		Common		Additional Paid-In Capital (f)	Retained Earnings (g)	Capital Stock		Line No.
		Shares/Units (b)	Amount (c)	# Shares (d)	Amount (e)			Expense/AOCI (h)	Stock (h)	
1	Balance December 31, 2012	0	\$ 0	46,147,788	\$ 47,777,664	\$ 839,388,410	\$ 484,368,850	\$ (28,824,883)		1
2	Net Earnings	0	0				145,319,672			2
3	Cash Dividend Declared - Common	0	0				(61,974,062)			3
4	Common Stock Issue	0	0	208,337	208,337	11,743,581	0	2,073,590		4
5	Balance December 31, 2013	0	\$ 0	46,356,125	\$ 47,986,001	\$ 851,131,991	\$ 567,714,460	\$ (26,751,293)		5
6	Net Earnings	0	0				141,126,203			6
7	Cash Dividend Declared - Common	0	0				(68,715,497)			7
8	Common Stock Issue	0	0	167,059	167,059	10,873,115	0	2,059,592		8
9	Balance December 31, 2014	0	\$ 0	46,523,184	\$ 48,153,060	\$ 862,005,106	\$ 640,125,166	\$ (24,691,701)		9
10	Net Earnings	0	0				138,317,438			10
11	Cash Dividend Declared - Common	0	0				(77,191,398)			11
12	Common Stock Issue	0	0	854,391	854,391	39,939,847	0	1,423,556		12
13	Balance November 30, 2015	0	\$ 0	47,377,575	\$ 49,007,451	\$ 901,944,953	\$ 701,251,206	\$ (23,268,145)		13

**SOUTHWEST GAS CORPORATION
ARIZONA
DETAIL OF UTILITY PLANT - NET ADDITIONS
FOR THE YEAR ENDED JUNE 30, 2015**

Line No.	Description (a)	Account Number (b)	Balance at 11/30/2015 (c)	Net Plant Additions (Deletions) (d)	Balance at 12/31/2014 (e)	Line No.
<u>Intangible</u>						
1	Organizational Costs	301	\$ 42,653	\$ 0	\$ 42,653	1
2	Franchise and Consents	302	2,131,095	37,063	2,094,032	2
3	Miscellaneous Intangible	303	1,968,623	0	1,968,623	3
4	Total Intangible		<u>\$ 4,142,371</u>	<u>\$ 37,063</u>	<u>\$ 4,105,308</u>	4
<u>Distribution</u>						
5	Land and Land Rights	374.1	\$ 405,666	\$ 0	\$ 405,666	5
6	Rights of Way	374.2	2,580,656	53,514	2,527,142	6
7	Structures	375	110,557	0	110,557	7
8	Mains	376	1,650,903,963	115,379,388	1,535,524,574	8
9	Measuring and Regulating Station	378	71,537,687	6,852,139	64,685,548	9
10	Services	380	833,023,629	36,015,173	797,008,456	10
11	Meters	381	292,374,234	20,461,847	271,912,386	11
12	Industrial Measuring and Reg Station	385	11,813,831	37,234	11,776,598	12
13	Other Equipment	387	432,098	0	432,098	13
14	Total Distribution		<u>\$ 2,863,182,320</u>	<u>\$ 178,799,294</u>	<u>\$ 2,684,383,026</u>	14
<u>General</u>						
15	Land and Land Rights	389	\$ 16,211,030	\$ 147	\$ 16,210,883	15
16	Structures and Improve. - General	390.1	48,973,954	1,713,713	47,260,241	16
17	Structures and Improve. - Leasehold	390.2	47,227	0	47,227	17
18	Office Furniture and Equipment	391	5,098,148	477,934	4,620,214	18
19	Computer Equipment	391.1	17,085,208	1,707,419	15,377,789	19
20	Transportation Equipment - Light	392.11	21,758,950	1,176,206	20,582,744	20
21	Transportation Equipment - Heavy	392.12	15,252,736	1,293,512	13,959,224	21
22	Stores Equipment	393	781,187	5,258	775,928	22
23	Tools, Shop, Garage Equipment	394	9,736,803	994,606	8,742,197	23
24	Laboratory Equipment	395	503,064	0	503,064	24
25	Power Operated Equipment	396	7,878,868	438,003	7,440,865	25
26	Communication Equipment - General	397	2,187,275	21,948	2,165,327	26
27	Telemetry Equipment	397.2	569,911	0	569,911	27
28	Miscellaneous Equipment	398	1,152,518	132,898	1,019,620	28
29	Total General		<u>\$ 147,236,878</u>	<u>\$ 7,961,645</u>	<u>\$ 139,275,234</u>	29
30	Total Plant in Service		\$ 3,014,561,569	\$ 186,798,002	\$ 2,827,763,567	30
31	Construction Work in Progress		31,780,142	(15,590,074)	47,370,216	31
32	Less: Accumulated Depreciation/Amort.		<u>1,285,149,725</u>	<u>51,470,531</u>	<u>1,233,679,194</u>	32
33	Total Net Plant		<u>\$ 1,761,191,986</u>	<u>\$ 119,737,397</u>	<u>\$ 1,641,454,590</u>	33

**SOUTHWEST GAS CORPORATION
SYSTEM ALLOCABLE PLANT
DETAIL OF UTILITY PLANT - NET ADDITIONS
FOR THE YEAR ENDED JUNE 30, 2015**

Line No.	Description (a)	Account Number (b)	Balance at 11/30/2015 (c)	Net Plant Additions (Deletions) (d)	Balance at 12/31/2014 (e)	Line No.
<u>Intangible</u>						
1	Organizational Costs	301	\$ 61,816	\$ 0	\$ 61,816	1
2	Miscellaneous Intangible	303	194,847,174	3,825,921	191,021,253	2
3	Total Intangible		<u>\$ 194,908,990</u>	<u>\$ 3,825,921</u>	<u>\$ 191,083,069</u>	3
<u>General</u>						
4	Land and Land Rights	389	\$ 4,216,706	\$ 0	\$ 4,216,706	4
5	Structures and Improve. - General	390.1	29,574,025	586,692	28,987,333	5
6	Structures and Improve. - Leasehold	390.2	4,356,208	66,097	4,290,111	6
7	Office Furniture and Equipment	391	8,444,555	447,559	7,996,995	7
8	Computer Equipment	391.1	16,823,808	1,001,727	15,822,082	8
9	Transportation Equipment - Light	392.11	3,640,102	51,678	3,588,424	9
10	Transportation Equipment - Heavy	392.12	0	0	0	10
11	Transportation Equipment-Aircraft	392.21	8,221,361	0	8,221,361	11
12	Stores Equipment	393	35,615	0	35,615	12
13	Tools, Shop, Garage Equipment	394	624,456	(16,336)	640,792	13
14	Laboratory Equipment	395	915,434	(6,021)	921,455	14
15	Power Operated Equipment	396	11,760	0	11,760	15
16	Communication Equipment	397.10	6,674,859	(367,049)	7,041,908	16
17	Telemetry Equipment	397.20	2,241	(332,868)	335,109	17
18	Miscellaneous Equipment	398	1,150,303	84,534	1,065,769	18
19	Total General		<u>\$ 84,691,433</u>	<u>\$ 1,516,014</u>	<u>\$ 83,175,419</u>	19
20	Total Systems - Plant in Service		\$ 279,600,423	\$ 5,341,935	\$ 274,258,489	20
21	Construction Work in Progress		22,238,080	10,889,401	11,348,679	21
22	Less: Accumulated Depreciation/Amort.		<u>177,826,107</u>	<u>14,720,135</u>	<u>163,105,972</u>	22
23	Total Net Plant		<u>\$ 124,012,397</u>	<u>\$ 1,511,201</u>	<u>\$ 122,501,196</u>	23

SOUTHWEST GAS CORPORATION
ARIZONA
COMPARATIVE DEPARTMENTAL OPERATING INCOME STATEMENTS

Line No.	Description (a)	For the Test Year Ended 11/30/2015 (b) Company Records	For the Year Ended 12/31/2014 (c) Company Records	For the Year Ended 12/31/2013 (d) Company Records	Line No.
<u>Revenues</u>					
1	Residential	\$ 478,545,867	\$ 457,378,311	\$ 443,819,211	1
2	Small Commercial	171,572,499	161,605,512	143,417,531	2
3	Large Commercial	37,521,221	38,586,913	36,476,665	3
4	Small Industrial	11,340,123	10,031,250	8,648,175	4
5	Commercial-Compressed Nat. Gas	1,324,245	984,067	630,239	5
6	Irrigation/Water Pumping	6,131,151	8,006,023	7,843,988	6
7	Industrial-Essential Agriculture	2,966,093	2,790,366	2,264,960	7
8	Procurement Sales	1,201,712	3,753,878	12,222,336	8
9	Other Gas Sales	2,440	69,222	10,696	9
10	Miscellaneous Service Revenues	9,720,563	9,853,903	10,439,329	10
11	Transportation of Gas for Others	35,874,879	34,607,403	32,777,502	11
12	Rent from Gas Property	777,512	702,026	623,951	12
13	Accrued Unbilled Revenues	102,000	354,000	391,000	13
14	AZ Enabling Provision	2,859,181	(10,473,900)	(7,962,077)	14
15	LIRA Program Recovery	(259,664)	247,498	2,242,596	15
16	Total Revenues	<u>\$ 759,679,822</u>	<u>\$ 718,496,472</u>	<u>\$ 693,846,102</u>	16
<u>Operating Expenses</u>					
17	Other Gas Supply and Gas Cost	\$ 272,552,826	\$ 235,803,714	\$ 211,321,433	17
18	Transmission	0	0	0	18
19	Distribution	108,839,434	104,273,265	105,267,083	19
20	Customer Accounts	24,550,962	26,548,937	29,240,192	20
21	Customer Service and Information	1,947,886	2,437,039	2,557,324	21
22	Sales	13,141	11,407	13,599	22
23	Administrative and General	74,255,965	76,475,614	69,624,438	23
24	Depreciation and Amortization	137,495,246	130,371,548	120,905,661	24
25	Interest on Customer Deposits	2,320,178	2,361,838	2,466,077	25
26	Taxes Other than Income	34,291,273	32,556,360	31,720,224	26
27	Income Taxes - Federal	22,658,671	23,636,694	28,561,075	27
28	Income Taxes - State	3,839,972	4,742,159	6,192,655	28
29	Total Expenses	<u>\$ 682,765,555</u>	<u>\$ 639,218,575</u>	<u>\$ 607,869,760</u>	29
30	Operating Income	<u>\$ 76,914,267</u>	<u>\$ 79,277,897</u>	<u>\$ 85,976,342</u>	30

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
OPERATING STATISTICS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description	Schedule Number	Average Customers [1]	Sales (Therms) [1]	Average per Customer	Line No.
	(a)	(b)	(c)	(d)	(e)	
1	Single-Family Residential Gas Service	G-5	916,387	281,854,180	308	1
2	Multi-Family Residential Gas Service	G-6	34,880	6,255,051	179	2
3	Single-Family Low Income Residential Gas Service	G-10	38,688	11,432,473	296	3
4	Multi-Family Low Income Residential Gas Service	G-11	3,395	715,674	211	4
5	Special Residential Gas Service for Air Conditioning	G-15	76	59,047	777	5
6	Master-Metered Mobile Home Park Gas Service	G-20	118	1,648,939	13,974	6
	<u>General Gas Service</u>	G-25				
7	Small		17,632	4,555,014	258	7
8	Medium		14,645	43,884,689	2,997	8
9	Large-1		6,617	107,375,670	16,228	9
10	Large-2		349	30,237,104	86,536	10
11	Transportation Eligible		64	23,424,358	366,006	11
12	Optional Gas Service	G-30	2	6,863,992	3,431,996	12
13	Air Conditioning Gas Service	G-40	21	231,679	11,032	13
14	Street Lighting Gas Service	G-45	6	9,078	1,513	14
	<u>Gas Service for Compression on Customer's Premises</u>	G-55				
15	Residential		57	40,896	717	15
16	Small		15	74,140	4,943	16
17	Large		14	1,296,754	92,625	17
18	Electric Generation Gas Service	G-60	16	330,378	20,649	18
19	Small Essential Agriculture User Gas Service	G-75	74	3,115,979	42,155	19
20	Natural Gas Engine Gas Service	G-80	368	10,629,186	28,890	20
21	Total Gas Sales		1,033,424	534,034,281	517	21
22	Transportation Service	B-1/T-1	469	168,519,346	359,061	22
23	Total Arizona		1,033,893	702,553,627	680	23

[1] Workpapers, Schedule H-2, Sheets 5-7.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
OPERATING STATISTICS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2014

Line No.	Description (a)	Schedule Number (b)	Average Customers [1] (c)	Sales (Therms) [1] (d)	Average per Customer (e)	Line No.
1	Single-Family Residential Gas Service	G-5	901,938	233,769,254	259	1
2	Multi-Family Residential Gas Service	G-6	33,297	5,456,010	164	2
3	Single-Family Low Income Residential Gas Service	G-10	38,522.83	9,630,121	250	3
4	Multi-Family Low Income Residential Gas Service	G-11	3,405	631,197	185	4
5	Special Residential Gas Service for Air Conditioning	G-15	80	48,979	614	5
6	Master-Metered Mobile Home Park Gas Service	G-20	121	1,446,488	11,987	6
	<u>General Gas Service</u>	G-25				
7	Small		16,512	3,428,835	208	7
8	Medium		15,470	40,482,075	2,617	8
9	Large-1		6,776	100,616,274	14,849	9
10	Large-2		402	32,950,192	81,966	10
11	Transportation Eligible		60	21,037,654	349,173	11
12	Optional Gas Service	G-30	23	9,701,334	421,797	12
13	Air Conditioning Gas Service	G-40	22	239,107	10,869	13
14	Street Lighting Gas Service	G-45	8	13,007	1,734	14
	<u>Gas Service for Compression on Customer's Premises</u>	G-55				
15	Residential		64	44,395	699	15
16	Small		14	68,783	4,884	16
17	Large		15	1,109,158	71,945	17
18	Electric Generation Gas Service	G-60	17	1,295,381	75,459	18
19	Small Essential Agriculture User Gas Service	G-75	79	3,175,059	40,106	19
20	Natural Gas Engine Gas Service	G-80	340	9,654,117	28,436	20
21	Total Gas Sales		1,017,164	474,797,420	467	21
22	Transportation Service	B-1/T-1	439	159,501,660	363,606	22
23	Total Arizona		<u>1,017,603</u>	<u>634,299,080</u>	<u>623</u>	23

[1] Workpapers, Schedule H-2, Sheets 37-42.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
OPERATING STATISTICS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2013

Line No.	Description (a)	Schedule Number (b)	Average Customers [1] (c)	Sales (Therms) [1] (d)	Average per Customer (e)	Line No.
1	Single-Family Residential Gas Service	G-5	890,537	289,699,335	325	1
2	Multi-Family Residential Gas Service	G-6	32,599	6,212,230	191	2
3	Single-Family Low Income Residential Gas Service	G-10	38,147	11,706,500	307	3
4	Multi-Family Low Income Residential Gas Service	G-11	3,308	721,940	218	4
5	Special Residential Gas Service for Air Conditioning	G-15	80	62,840	787	5
6	Master-Metered Mobile Home Park Gas Service	G-20	133	1,791,443	13,495	6
	<u>General Gas Service</u>	G-25				
7	Small		16,192	4,467,289	276	7
8	Medium		15,804	44,572,046	2,820	8
9	Large-1		6,724	105,267,777	15,655	9
10	Large-2		406	33,971,412	83,622	10
11	Transportation Eligible		68	25,697,410	379,298	11
12	Optional Gas Service	G-30	25	30,329,657	1,221,328	12
13		G-40	23	416,942	18,395	13
14	Street Lighting Gas Service	G-45	9	20,203	2,245	14
	<u>Gas Service for Compression on Customer's Premises</u>	G-55				
15	Residential		65	44,989	691	15
16	Small		16	45,057	2,773	16
17	Large		15	871,173	57,126	17
18	Electric Generation Gas Service	G-60	18	2,644,755	143,607	18
19	Small Essential Agriculture User Gas Service	G-75	82	3,239,729	39,589	19
20	Natural Gas Engine Gas Service	G-80	326.58	9,451,131.00	28,939	20
21	Total Gas Sales		1,004,578	571,233,858	569	21
22	Transportation Service	B-1/T-1	420	144,971,650	345,513	22
23	Total Arizona		<u>1,004,998</u>	<u>716,205,508</u>	<u>713</u>	23

[1] Workpapers, Schedule H-2, Sheets 43-48.

**SOUTHWEST GAS CORPORATION
ARIZONA
TAXES CHARGED TO OPERATIONS
AS RECORDED AT JUNE 30, 2010**

Line No.	Description (a)	For the Year Ended 12/31/2013 (b)	For the Year Ended 12/31/2014 (c)	For the Test Year Ended 11/30/2015 (d)	Line No.
	Federal Taxes				
1	Federal Income Tax	\$ 28,561,075	\$ 23,636,694	\$ 22,658,671	1
	State Taxes				
2	State Income Tax	\$ 6,192,655	\$ 4,742,159	\$ 3,839,972	2
	Local Taxes				
3	Property and Miscellaneous	\$ 31,720,224	\$ 32,556,360	\$ 34,291,273	3

**SOUTHWEST GAS CORPORATION
ARIZONA
NOTES TO FINANCIAL STATEMENTS**

1. The Company uses the accrual method of accounting as prescribed by the Uniform System of Accounts.
2. The Company uses the straight-line method for calculating depreciation expense. Depreciation rates by major classification can be found in the Workpapers, Schedule C-2.
3. The Allowance for Funds Used During Construction (AFUDC) rate used in 2015 was 7.32%.
4. The Notes to the Financial Statements included in the 2015 Annual Report can be found at the following location on the Company's website:

<http://investors.southwestgas.com/phoenix.zhtml?c=117697&p=irol-reportsannual>

Schedule F

**SOUTHWEST GAS CORPORATION
ARIZONA
PROJECTED INCOME STATEMENTS - PRESENT AND PROPOSED RATES**

Line No.	Description (a)	Test Year Ended 11/30/2015 (b)	Projected Year		Line No.
			Present Rates 11/30/2016 (c)	Proposed Rates 11/30/2016 (d)	
1	<u>Operating Margin</u>	\$ 481,681,406	\$ 486,498,220	\$ 518,744,384	1
	<u>Operating Expenses</u>				
2	Other Gas Supply Expenses	\$ 1,345,425	\$ 1,347,126	\$ 1,347,126	2
3	Distribution Expenses	111,226,774	111,824,401	111,824,401	3
4	Customer Accounts Expenses	27,827,100	28,055,132	28,151,724	4
5	Customer Service and Information Expenses	872,491	877,884	877,884	5
6	Sales Expenses	0	0	0	6
7	Administrative and General Expenses	77,012,607	77,439,038	77,439,038	7
8	Depreciation and Amortization Expenses	95,867,991	102,547,536	102,547,536	8
9	Taxes Other than Income	41,628,621	42,253,050	42,253,050	9
10	Interest on Customer Deposits	2,355,227	2,355,227	2,355,227	10
11	Federal Income Taxes	29,306,675	28,067,571	38,701,042	11
12	State Income Taxes	4,945,461	4,739,412	6,507,638	12
13	Total Operating Expenses	\$ 392,388,370	\$ 399,506,377	\$ 412,004,666	13
14	Operating Income	\$ 89,293,036	\$ 86,991,843	\$ 106,739,718	14
15	Less: Interest Expense	33,627,705	33,627,705	33,627,705	15
16	Net Income	\$ 55,665,330	\$ 53,364,138	\$ 73,112,012	16
			Sch A-2	Sch A-2	
17	Earnings per Share of Average Common Stock Outstanding [1]	N/A	N/A	N/A	17
18	Percent Return on Common Equity [1]	N/A	N/A	N/A	18

[1] Projections of earnings per share and return on common equity were not performed because these statistics do not pertain solely to Arizona

SOUTHWEST GAS CORPORATION
TOTAL SYSTEM
COMPARATIVE STATEMENT OF CASHFLOWS
(\$ Thousands)

Line No.	Description	Test Year [1] Ended 11/30/2015	Projected Year		Line No.
			At Present Rates Year Ended [2] 11/30/2016	At Proposed Rates Year Ended [2] 11/30/2016	
	(a)	(b)	(c)	(d)	
CASH FLOWS FROM OPERATING ACTIVITIES:					
1	Net Income	\$ 139,430	\$ 139,430	\$ 158,982	1
	Adjustments to reconcile net income to net cash provided by operating activities:				
2	Depreciation and amortization	270,111	187,259	146,259	2
3	Deferred income taxes	48,785	48,785	48,785	3
	Changes in current assets and liabilities:	0	0	0	
4	Accounts receivable	(39,850)	(39,850)	(39,850)	4
5	Accrued utility revenue	(800)	(800)	(800)	5
6	Unrecovered purchased gas costs	129,566	129,566	129,566	6
7	Accounts payable	(3,491)	(3,491)	(3,491)	7
8	Accrued taxes	(8,405)	(8,405)	(8,405)	8
9	Other current assets and liabilities	18,300	18,300	18,300	9
10	Other	(6,499)	(6,499)	(6,499)	10
11	Net cash provided by operating activities	\$ 547,147	\$ 464,295	\$ 442,847	11
CASH FLOWS FROM INVESTING ACTIVITIES:					
12	Construction expenditures	\$ (488,000)	\$ 388,432	\$ 388,432	12
13	Other	18,178	18,178	18,178	13
14	Net cash used in investing activities	\$ (469,822)	\$ 406,610	\$ 406,610	14
CASH FLOWS FROM FINANCING ACTIVITIES:					
15	Issuance of common stock	\$ 35,396	\$ 10,000	\$ 10,000	15
16	Dividends paid	(74,248)	(86,191)	(86,191)	16
17	Issuance of long-term debt, net	135,816	300,000	300,000	17
18	Retirement of long-term debt	(187,973)	(274,000)	(274,000)	18
19	Issuance (repayment) of short-term debt	13,000	0	0	19
20	Other	(2,885)	0	0	20
21	Net cash provided by (used in) financing activities	\$ (80,894)	\$ (50,191)	\$ (50,191)	21
22	Change in cash and temporary cash investments	\$ (3,569)	\$ 820,714	\$ 799,266	22
23	Cash at beginning of period	39,566	35,997	35,997	23
24	Cash at end of period	\$ 35,997	\$ 856,711	\$ 835,263	24

Sch A-5

Sch A-5

[1] Supporting Schedule E-3, based on calendar year 2015.

[2] Prepared based on year ended December 31 consistent with historical cash flows provided in Schedule E.

**SOUTHWEST GAS CORPORATION
ARIZONA
CONSTRUCTION EXPENDITURES BY PROPERTY CLASSIFICATION
TEST YEAR AND PROJECTED YEARS**

Line No.	Description (a)	Test Year	Projected [2], [3]			Line No.
		Ended 11/30/2015 (b)	Year Ending 11/30/2016 (c)	Year Ending 11/30/2017 (d)	Year Ending 11/30/2018 (e)	
Intangible Plant						
1	Arizona Direct	\$ 37,063	\$ 92,500	\$ 0	\$ 350,000	1
2	System Allocable [1]	5,658,716	7,182,428	6,683,415	10,608,239	2
3	Total Intangible Plant	\$ 5,695,779	\$ 7,274,928	\$ 6,683,415	\$ 10,958,239	3
Distribution Plant						
4	Arizona Direct	\$ 220,971,502	\$ 182,155,653	\$ 187,455,121	\$ 285,147,291	4
5	System Allocable [1]	0	0	0	0	5
6	Total Distribution Plant	\$ 220,971,502	\$ 182,155,653	\$ 187,455,121	\$ 285,147,291	6
General Plant						
7	Arizona Direct	\$ 11,343,695	\$ 11,319,742	\$ 7,023,324	\$ 7,192,229	7
8	System Allocable [1]	2,705,410	11,013,999	6,970,589	10,041,764	8
9	Total General Plant	\$ 14,049,106	\$ 22,333,741	\$ 13,993,913	\$ 17,233,993	9
10	Total Arizona Plant Construction	\$ 240,716,387	\$ 211,764,323	\$ 208,132,449	\$ 313,339,523	10

[1] After 4-Factor Allocation to AZ. Schedule C-1, Sheet 17, Ln 9 (c).
 [2] Projections are based on budgets, which are compiled on an annual basis.
 [3] Does not include \$46,377,775 of Storage Plant projected for the LNG facility.

**SOUTHWEST GAS CORPORATION
ARIZONA
ASSUMPTIONS USED IN DEVELOPING PROJECTIONS**

1. Customer Growth

2. Growth in Consumption and Customer Demand

Margin related to customer growth and consumption (Items 1 and 2) is anticipated to increase by 1% in the year following the test year.

3. Changes in Expenses

Operation and Maintenance Expenses – The actual amounts for the recorded test year were adjusted to give the annual effect for known and measurable changes occurring during the test year. The operation and maintenance expenses for the projected year were calculated by taking the adjusted test year and generally increasing the non-labor expenses by 1.5%.

Depreciation and Amortization Expenses – The actual amounts for the recorded test year were adjusted to annualize depreciation expense at the end of the test period plant balances, and to reflect depreciation expense on projected construction expenditures.

4. Construction Requirements, Including Production

Reserves and Changes in Plant Capacity

Additions to gas plant were based upon anticipated construction expenditures.

5. Capital Structure Changes

6. Financing Costs, Interest Rates

Items 5 and 6 are not applicable. In this proceeding, Southwest Gas Corporation is requesting rate relief for only a portion of its three-state system.

Schedule G

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CLASS COST OF SERVICE STUDY SUMMARY - PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Allocation Factor (b)	Total Amount (c)	Single-Family Residential (d)	Multi-Family Residential (e)	Master-Metered Mobile Home Park (M/M/H/P) (f)	Small General (g)	Medium General (h)	Large-1 General (i)	Large-2 General (j)
1	Rate Base									
2	Total Direct Net Plant		\$ 2,301,728,284	\$ 1,750,914,775	\$ 52,311,709	\$ 2,637,700	\$ 35,589,747	\$ 108,348,700	\$ 166,392,243	\$ 43,514,053
3	Total Common Systems Allocable Net Plant		77,224,813	58,744,582	1,755,099	88,497	1,194,064	3,635,185	5,582,592	1,459,931
4	Cash Working Capital	1.1	(4,113,676)	(3,181,769)	(106,826)	(2,971)	(67,485)	(189,055)	(295,575)	(68,020)
5	Materials & Supplies	1.1	15,364,326	11,687,577	349,187	17,607	237,566	723,241	1,110,689	290,462
6	Prepayments	1.1	6,885,291	5,237,611	196,483	7,890	106,462	324,110	497,739	130,166
7	Other	1.1	0	0	0	0	0	0	0	0
8	Customer Deposits	8.0	(39,253,787)	(34,307,092)	(3,577,413)	(2,850)	(613,454)	(536,172)	(178,179)	(7,916)
9	Customer Advances	8.0	(38,815,661)	(33,924,177)	(3,537,484)	(2,818)	(606,607)	(530,188)	(176,190)	(7,827)
10	Deferred Taxes	1.1	(506,604,924)	(385,372,180)	(11,513,683)	(580,551)	(7,833,219)	(23,847,291)	(96,622,537)	(9,577,340)
11	Other	1.1	0	0	0	0	0	0	0	0
11	Total Rate Base		\$ 1,812,414,866	\$ 1,369,799,327	\$ 35,837,074	\$ 2,162,504	\$ 28,007,073	\$ 87,928,529	\$ 136,310,782	\$ 35,733,510
12	Margin									
13	Net Operating Margin	Direct	\$ 480,346,864	\$ 327,406,730	\$ 9,266,950	\$ 871,574	\$ 9,644,983	\$ 27,968,332	\$ 51,900,764	\$ 12,803,643
14	Special Contract & Optional Margin	Net Op Margin	3,624,945	2,470,780	69,933	6,577	72,786	211,063	391,670	96,623
15	Other Revenue	Various	10,498,074	8,862,311	806,870	2,886	154,273	239,472	247,172	57,661
15	Total Revenue		\$ 494,469,883	\$ 338,739,821	\$ 10,143,754	\$ 881,037	\$ 9,872,042	\$ 28,418,867	\$ 52,539,606	\$ 12,957,927
16	Operating Expenses									
17	Operations & Maintenance Expense		(141,271,789)	(109,268,261)	(3,668,608)	(102,037)	(2,317,580)	(6,492,521)	(10,150,619)	(2,335,936)
18	Administrative & General Expense		(77,012,607)	(59,566,271)	(1,999,897)	(55,624)	(1,263,401)	(3,539,319)	(5,533,487)	(1,273,407)
19	Depreciation Expense		(95,867,991)	(72,926,367)	(2,178,806)	(109,861)	(1,482,329)	(4,512,771)	(6,930,310)	(1,812,379)
20	Interest on Customer Deposits	8.0	(2,355,227)	(2,192,793)	(67,870)	(271)	(40,496)	(33,798)	0	0
21	Taxes Other Than Income	1.1	(41,628,621)	(31,666,712)	(946,100)	(47,705)	(643,669)	(1,959,574)	(3,009,339)	(786,987)
21	Total Operating Deductions		\$ (358,136,235)	\$ (275,620,405)	\$ (8,881,281)	\$ (315,499)	\$ (5,747,475)	\$ (16,537,983)	\$ (25,623,755)	\$ (6,208,709)
22	Taxable Income									
23	Taxable Income before Interest Expense		\$ 136,333,648	\$ 63,119,416	\$ 1,262,473	\$ 565,539	\$ 4,124,568	\$ 11,880,884	\$ 26,915,851	\$ 6,749,217
24	Interest Expense	1.1	(33,627,705)	(25,580,450)	(764,262)	(38,536)	(519,958)	(1,562,949)	(2,430,951)	(635,750)
24	Total Taxable Income		\$ 102,705,943	\$ 37,538,966	\$ 498,211	\$ 527,003	\$ 3,604,610	\$ 10,297,935	\$ 24,484,900	\$ 6,113,487
25	State Income Tax									
26	State Income Tax	5.5000%	\$ 5,648,827	\$ 2,064,643	\$ 27,402	\$ 28,985	\$ 198,254	\$ 566,386	\$ 1,346,670	\$ 336,242
27	South Georgia State	1.1	0	0	0	0	0	0	0	0
27	Total State Income Tax		\$ 5,648,827	\$ 2,064,643	\$ 27,402	\$ 28,985	\$ 198,254	\$ 566,386	\$ 1,346,670	\$ 336,242
28	Federal Income Tax									
29	Federal Income Tax	33.0750%	\$ 33,969,991	\$ 12,416,013	\$ 164,783	\$ 174,306	\$ 1,192,225	\$ 3,406,042	\$ 8,098,381	\$ 2,022,036
30	Investment Tax Credit (I.T.C.)	1.1	(528,360)	(401,921)	(12,008)	(605)	(8,170)	(24,871)	(38,195)	(9,989)
31	South Georgia Federal	1.1	94,833	72,139	2,155	109	1,466	4,464	6,855	1,793
31	Total Federal Income Tax		\$ 33,536,464	\$ 12,086,231	\$ 154,931	\$ 173,809	\$ 1,185,521	\$ 3,385,635	\$ 8,067,041	\$ 2,013,840
32	Regulatory Amortization	Deprec Exp	0	0	0	0	0	0	0	0
33	Net Income		\$ 97,148,358	\$ 48,968,542	\$ 1,080,141	\$ 362,744	\$ 2,740,793	\$ 7,928,863	\$ 17,502,141	\$ 4,399,135
34	Rate of Return on Rate Base		5.36%	3.57%	3.01%	16.77%	9.79%	9.02%	12.84%	12.31%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CLASS COST OF SERVICE STUDY SUMMARY - PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Allocation Factor (b)	Total Amount (c)	Transportation Eligible General (d)	Air Conditioning (e)	Street Lighting (f)	Compression on Customers Premises (CNG) (g)	Electric Generation (h)	Small Essential Agricultural (i)	Natural Gas Engines (j)	Line No.
1	Rate Base										
2	Total Direct Net Plant		\$ 2,301,728,284	\$ 112,860,597	\$ 213,124	\$ 74,401	\$ 4,121,372	\$ 15,166,612	\$ 4,763,047	\$ 4,820,205	1
3	Total Common Systems Allocable Net Plant		\$ 77,224,813	\$ 3,786,563	\$ 7,150	\$ 2,496	\$ 138,275	\$ 508,852	\$ 159,804	\$ 161,722	2
4	Cash Working Capital	1.1	(4,113,676)	(158,997)	(313)	(133)	(6,268)	(18,582)	(7,038)	(10,643)	3
5	Materials & Supplies	1.1	15,364,326	753,359	1,423	497	27,511	101,239	31,794	32,175	4
6	Prepayments	1.1	6,885,291	337,606	638	223	12,328	45,369	14,248	14,419	5
7	Other	1.1	0	0	0	0	0	0	0	0	6
8	Customer Deposits	8.0	(39,253,787)	(1,266)	(317)	(633)	(3,166)	0	(9,815)	(15,514)	7
9	Customer Advances	8.0	(38,815,661)	(1,252)	(313)	(626)	(3,131)	0	(9,706)	(15,341)	8
10	Deferred Taxes	1.1	(506,604,924)	(24,840,349)	(46,908)	(16,376)	(907,104)	(3,338,135)	(1,048,335)	(1,060,916)	9
11	Other	1.1	0	0	0	0	0	0	0	0	10
	Total Rate Base		\$ 1,812,414,866	\$ 92,736,260	\$ 174,484	\$ 59,849	\$ 3,379,817	\$ 12,465,355	\$ 3,893,998	\$ 3,926,106	11
12	Margin										
13	Net Operating Margin	Direct	\$ 480,346,864	\$ 31,911,192	\$ 77,021	\$ 6,286	\$ 1,404,112	\$ 3,083,432	\$ 1,380,577	\$ 2,621,268	12
14	Special Contract & Optional Margin	Net Op Margin	3,624,945	240,818	581	47	10,596	23,269	10,419	19,781	13
15	Other Revenue	Various	10,498,074	93,982	216	304	6,797	7,342	6,997	11,790	14
	Total Revenue		\$ 494,469,883	\$ 32,245,992	\$ 77,818	\$ 6,638	\$ 1,421,505	\$ 3,114,043	\$ 1,397,993	\$ 2,652,840	15
16	Operating Expenses										
17	Operations & Maintenance Expense		(141,271,789)	(5,460,283)	(10,751)	(4,558)	(215,268)	(638,140)	(241,711)	(365,514)	16
18	Administrative & General Expense	Total O&M	(77,012,607)	(2,976,607)	(5,861)	(2,485)	(117,351)	(347,874)	(131,766)	(199,256)	17
19	Depreciation Expense	Deprec Exp	(95,867,991)	(4,700,693)	(8,877)	(3,099)	(171,657)	(631,696)	(198,383)	(200,764)	18
20	Interest on Customer Deposits	8.0	(2,355,227)	0	0	0	0	0	0	0	19
21	Taxes Other Than Income	1.1	(41,628,621)	(2,041,175)	(3,855)	(1,346)	(74,538)	(274,300)	(86,144)	(87,177)	20
	Total Operating Deductions		\$ (358,136,235)	\$ (15,178,759)	\$ (29,343)	\$ (11,488)	\$ (578,814)	\$ (1,892,010)	\$ (658,003)	\$ (852,711)	21
22	Taxable Income		\$ 136,333,648	\$ 17,067,233	\$ 48,476	\$ (4,850)	\$ 842,690	\$ 1,222,033	\$ 739,990	\$ 1,800,129	22
23	Interest Expense	1.1	(33,627,705)	(1,648,867)	(3,114)	(1,087)	(60,212)	(221,581)	(69,587)	(70,422)	23
24	Total Taxable Income		\$ 102,705,943	\$ 15,418,366	\$ 45,362	\$ (5,937)	\$ 782,478	\$ 1,000,452	\$ 670,403	\$ 1,729,707	24
25	State Income Tax		\$ 5,648,827	\$ 848,010	\$ 2,495	\$ (327)	\$ 43,036	\$ 55,025	\$ 36,872	\$ 95,134	25
26	State Income Tax - South Georgia State	5.5000%	0	0	0	0	0	0	0	0	26
27	Total State Income Tax	1.1	\$ 5,648,827	\$ 848,010	\$ 2,495	\$ (327)	\$ 43,036	\$ 55,025	\$ 36,872	\$ 95,134	27
28	Federal Income Tax		\$ 33,969,991	\$ 5,099,625	\$ 15,004	\$ (1,964)	\$ 258,805	\$ 330,899	\$ 221,736	\$ 572,101	28
29	Investment Tax Credit (I.T.C.)	33.0750%	(528,360)	(25,907)	(49)	(17)	(946)	(3,481)	(1,093)	(1,106)	29
30	South Georgia Federal	1.1	94,833	4,650	9	3	170	625	196	199	30
31	Total Federal Income Tax	1.1	\$ 33,536,464	\$ 5,078,368	\$ 14,963	\$ (1,978)	\$ 258,028	\$ 328,043	\$ 220,839	\$ 571,193	31
32	Regulatory Amortization	Deprec Exp	0	0	0	0	0	0	0	0	32
33	Net Income		\$ 97,148,358	\$ 11,140,855	\$ 31,018	\$ (2,546)	\$ 541,626	\$ 838,965	\$ 482,279	\$ 1,133,802	33
34	Rate of Return on Rate Base		5.36%	12.01%	17.78%	-4.25%	16.03%	6.75%	12.39%	28.88%	34

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CLASS COST OF SERVICE STUDY SUMMARY - PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor (b)	Total Amount (c)	Single-Family Residential (d)	Multi-Family Residential (e)	Master-Metered Mobile Home Park (MMMP) (f)	Small General (g)	Medium General (h)	Large-1 General (i)	Large-2 General (j)
1	Rate Base		\$ 2,301,728,284	\$ 1,750,914,775	\$ 52,311,709	\$ 2,637,700	\$ 35,589,747	\$ 108,348,700	\$ 166,392,243	\$ 43,514,053
2	Total Direct Net Plant		77,224,813	58,744,582	1,755,099	88,497	1,194,064	3,635,185	5,582,592	1,459,931
3	Total Common Systems Allocable Net Plant		(4,113,676)	(3,181,769)	(106,826)	(2,971)	(67,485)	(189,055)	(295,575)	(68,020)
4	Cash Working Capital	1.1	15,364,326	11,687,577	348,187	17,607	237,566	723,241	1,110,689	290,462
5	Materials & Supplies	1.1	6,885,291	5,237,611	156,483	7,890	106,462	324,110	497,739	130,166
6	Prepayments	1.1	0	0	0	0	0	0	0	0
7	Other	1.1	(39,253,787)	(34,307,092)	(3,577,413)	(2,850)	(613,454)	(536,172)	(178,179)	(7,916)
8	Customer Deposits	8.0	(38,815,661)	(33,924,177)	(3,537,484)	(2,818)	(606,607)	(530,188)	(176,190)	(7,827)
9	Customer Advances	1.1	(506,604,924)	(385,372,180)	(11,513,683)	(580,551)	(7,833,219)	(23,847,291)	(56,622,537)	(9,577,340)
10	Deferred Taxes	1.1	0	0	0	0	0	0	0	0
11	Total Rate Base		\$ 1,812,414,686	\$ 1,369,799,327	\$ 35,837,074	\$ 2,162,504	\$ 28,007,073	\$ 87,928,529	\$ 136,310,762	\$ 35,733,510
12	Margin		\$ 499,485,281	\$ 342,014,714	\$ 9,688,291	\$ 890,581	\$ 9,949,202	\$ 28,876,535	\$ 53,313,961	\$ 13,155,053
13	Net Operating Margin		4,409,290	3,366,267	97,094	4,380	70,104	209,287	325,657	80,979
14	Special Contract & Optional Margin		9,713,729	8,327,697	791,739	1,463	138,524	193,803	162,425	36,754
15	Other Revenue		\$ 513,608,301	\$ 353,708,678	\$ 10,577,123	\$ 896,424	\$ 10,157,631	\$ 29,279,625	\$ 53,802,043	\$ 13,272,786
16	Operating Deductions		\$ (141,271,789)	\$ (109,268,261)	\$ (3,668,608)	\$ (102,037)	\$ (2,317,580)	\$ (6,492,521)	\$ (10,150,619)	\$ (2,335,936)
17	Operations & Maintenance Expense		(86,592)	(89,231)	(3,576)	(11)	(1,375)	(1,375)	(632)	(39)
18	Incremental Uncollectible Expense		(77,012,607)	(59,566,271)	(1,999,897)	(55,624)	(1,263,401)	(3,539,319)	(5,533,487)	(1,273,407)
19	Administrative & General Expense		(95,867,991)	(72,826,367)	(2,178,606)	(109,861)	(1,462,329)	(4,512,771)	(6,930,310)	(1,812,379)
20	Depreciation Expense	8.0	(2,385,227)	(1,922,793)	(60,496)	(271)	(40,496)	(33,998)	0	0
21	Interest on Customer Deposits	1.1	(41,628,621)	(31,666,712)	(946,100)	(47,705)	(643,669)	(1,959,574)	(3,009,339)	(786,987)
22	Taxes Other Than Income	1.1	(358,232,827)	(275,709,635)	(8,884,856)	(315,510)	(5,749,123)	(16,539,358)	(25,624,366)	(6,208,748)
23	Total Operating Deductions		\$ (1,012,271,789)	\$ (775,983,935)	\$ (14,147,341)	\$ (427,242)	\$ (7,726,835)	\$ (22,364,772)	\$ (35,308,192)	\$ (8,423,172)
24	State Income Tax		155,375,474	77,999,043	1,692,267	580,914	4,408,708	12,740,267	28,177,657	7,064,038
25	Taxable Income before Interest Expense	1.1	(33,627,705)	(25,580,450)	(764,262)	(38,536)	(519,958)	(1,582,949)	(2,430,951)	(635,730)
26	Interest Expense		121,747,769	52,418,593	928,005	542,378	3,888,750	11,157,318	25,746,705	6,428,308
27	Total State Taxable Income		\$ 6,696,127	\$ 2,883,023	\$ 51,040	\$ 29,831	\$ 213,881	\$ 613,652	\$ 1,416,069	\$ 353,557
28	South Georgia State	5.50%	0	0	0	0	0	0	0	0
29	Total State Income Tax		\$ 6,696,127	\$ 2,883,023	\$ 51,040	\$ 29,831	\$ 213,881	\$ 613,652	\$ 1,416,069	\$ 353,557
30	Federal Income Tax		155,375,474	77,999,043	1,692,267	580,914	4,408,708	12,740,267	28,177,657	7,064,038
31	Taxable Income before Interest Expense	1.1	(33,627,705)	(25,580,450)	(764,262)	(38,536)	(519,958)	(1,582,949)	(2,430,951)	(635,730)
32	Interest Expense		121,747,769	52,418,593	928,005	542,378	3,888,750	11,157,318	25,746,705	6,428,308
33	Total Federal Taxable Income		\$ 40,268,075	\$ 17,337,450	\$ 306,938	\$ 179,391	\$ 1,286,204	\$ 3,690,283	\$ 8,515,723	\$ 2,126,163
34	Federal Income Tax	33.08%	(528,360)	(401,921)	(12,008)	(605)	(8,170)	(24,871)	(38,195)	(9,989)
35	Investment Tax Credit (I.T.C.)	1.1	94,833	72,139	2,155	109	1,466	4,464	6,855	1,793
36	South Georgia Federal	1.1	39,834,547	17,007,667	297,085	178,895	1,279,501	3,669,876	8,484,363	2,117,967
37	Total Federal Income Tax		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
38	Regulatory Amortization	1.1	0	0	0	0	0	0	0	0
39	Net Income		\$ 108,844,799	\$ 58,106,353	\$ 1,344,142	\$ 372,188	\$ 2,915,326	\$ 8,456,739	\$ 18,277,205	\$ 4,592,514
40	Rate of Return on Rate Base		6.01%	4.24%	3.75%	17.21%	10.41%	9.62%	13.41%	12.85%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CLASS COST OF SERVICE STUDY SUMMARY - PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Allocation Factor (b)	Total Amount (c)	Transportation Eligible General (d)	Air Conditioning (e)	Street Lighting (f)	Compression on Customers' Premises (CNG) (g)	Electric Generation (h)	Small Essential Agricultural (i)	Natural Gas Engines (j)	Line No.
1	Rate Base										
2	Total Direct Net Plant		\$ 2,301,728,284	\$ 112,860,597	\$ 213,124	\$ 74,401	\$ 4,121,372	\$ 15,166,612	\$ 4,763,047	\$ 4,820,205	1
3	Total Common Systems Allocable Net Plant		77,224,813	3,786,563	7,150	2,496	138,275	508,852	159,804	161,722	2
4	Cash Working Capital	1.1	(4,113,676)	(158,997)	(313)	(133)	(6,268)	(18,582)	(7,038)	(10,643)	3
5	Materials & Supplies	1.1	15,364,326	753,359	1,423	497	27,511	101,239	31,794	32,175	4
6	Prepayments	1.1	6,885,291	337,606	638	223	12,328	45,369	14,248	14,419	5
7	Other	1.1	0	0	0	0	0	0	0	0	6
8	Customer Deposits	8.0	(39,253,787)	(1,266)	(317)	(633)	(3,166)	0	(9,815)	(15,514)	7
9	Customer Advances	8.0	(38,815,661)	(1,252)	(313)	(626)	(3,131)	0	(9,706)	(15,341)	8
10	Deferred Taxes	1.1	(506,604,924)	(24,840,349)	(46,908)	(16,376)	(907,104)	(3,338,135)	(1,048,335)	(1,060,916)	9
11	Other	1.1	0	0	0	0	0	0	0	0	10
11	Total Rate Base		\$ 1,812,414,666	\$ 92,736,260	\$ 174,484	\$ 59,849	\$ 3,379,817	\$ 12,465,355	\$ 3,893,988	\$ 3,926,106	11
12	Margin										
13	Net Operating Margin	Direct	499,485,281	32,789,769	78,703	11,120	1,436,988	3,196,025	1,418,130	2,666,209	12
14	Special Contract & Optional Margin	Net Op Margin	4,409,290	202,460	388	143	7,576	25,946	8,654	10,356	13
15	Other Revenue	Various	9,713,729	41,875	90	294	4,504	2,307	4,743	7,510	14
15	Total Revenue		\$ 513,608,301	\$ 33,034,104	\$ 79,181	\$ 11,557	\$ 1,449,088	\$ 3,224,278	\$ 1,431,527	\$ 2,684,076	15
16	Operating Deductions										
17	Operations & Maintenance Expense		(141,271,789)	(5,460,283)	(10,751)	(4,558)	(215,268)	(638,140)	(241,711)	(365,514)	16
18	Incremental Uncollectible Expense		(96,592)	(18)	(2)	(7)	(9)	(2)	(8)	(34)	17
19	Administrative & General Expense		(77,012,607)	(2,976,607)	(5,861)	(2,485)	(117,351)	(347,874)	(131,766)	(199,256)	18
20	Depreciation Expense		(95,867,991)	(4,700,693)	(8,877)	(3,099)	(171,657)	(631,696)	(196,363)	(200,764)	19
21	Interest on Customer Deposits	8.0	(2,355,227)	0	0	0	0	0	0	0	20
22	Taxes Other Than Income	1.1	(41,628,621)	(2,041,175)	(3,855)	(1,346)	(74,538)	(274,300)	(86,144)	(87,177)	21
22	Total Operating Deductions		\$ (358,232,827)	\$ (15,178,778)	\$ (29,345)	\$ (11,495)	\$ (578,824)	\$ (1,892,013)	\$ (668,011)	\$ (652,745)	22
23	State Income Tax										
24	Taxable Income before Interest Expense		155,375,474	17,855,326	49,837	62	870,245	1,332,265	773,516	1,831,330	23
25	Interest Expense	1.1	(33,627,705)	(1,648,967)	(3,114)	(1,087)	(60,212)	(221,581)	(69,587)	(70,422)	24
25	Total State Taxable Income		\$ 121,747,769	\$ 16,206,459	\$ 46,723	\$ (1,025)	\$ 810,032	\$ 1,110,685	\$ 703,929	\$ 1,760,908	25
26	State Income Tax	5.50%	6,696,127	891,355	2,570	(56)	44,552	61,088	38,716	96,850	26
27	South Georgia State	1.1	0	0	0	0	0	0	0	0	27
28	Total State Income Tax		\$ 6,696,127	\$ 891,355	\$ 2,570	\$ (56)	\$ 44,552	\$ 61,088	\$ 38,716	\$ 96,850	28
29	Federal Income Tax										
30	Taxable Income before Interest Expense		155,375,474	17,855,326	49,837	62	870,245	1,332,265	773,516	1,831,330	29
31	Interest Expense	1.1	(33,627,705)	(1,648,967)	(3,114)	(1,087)	(60,212)	(221,581)	(69,587)	(70,422)	30
31	Total Federal Taxable Income		\$ 121,747,769	\$ 16,206,459	\$ 46,723	\$ (1,025)	\$ 810,032	\$ 1,110,685	\$ 703,929	\$ 1,760,908	31
32	Federal Income Tax	33.08%	40,266,075	5,360,286	15,454	(339)	267,918	367,359	232,825	582,420	32
33	Investment Tax Credit (I.T.C.)	1.1	(528,360)	(25,907)	(49)	(17)	(946)	(3,481)	(1,093)	(1,106)	33
34	South Georgia Federal	1.1	94,833	4,650	9	3	170	625	196	199	34
35	Total Federal Income Tax		\$ 39,834,547	\$ 5,339,029	\$ 15,413	\$ (353)	\$ 267,142	\$ 364,502	\$ 231,927	\$ 581,513	35
36	Regulatory Amortization	1.1	0	0	0	0	0	0	0	0	36
37	Net Income		\$ 108,844,799	\$ 11,624,941	\$ 31,853	\$ 472	\$ 558,551	\$ 906,675	\$ 502,873	\$ 1,152,968	37
38	Rate of Return on Rate Base		6.01%	12.54%	18.26%	0.79%	16.53%	7.27%	12.91%	29.37%	38

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Single-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 7,987	\$ 24,394	\$ 65
2	302.00	Franchises & Consents	1.1	1,302,415	243,875	744,871	1,996
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 251,862	\$ 769,264	\$ 2,062
5		Allocation Percentage	Intang. Plant	100.00%	18.72%	57.19%	0.15%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 234,009	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	923,054	0	0
8	375.00	Structures	1.0	458,356	264,403	0	0
9	376.00	Mains - Demand	1.0	656,093,698	378,468,820	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	606,095,389	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	20,546,412	32,903,862	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	331,328,955	0
14	381.00	Meters	6.0	356,989,644	0	252,587,503	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	3,277,356
16	387.00	Other Equipment	1.0	(81,671)	(47,112)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 400,389,587	\$ 1,222,915,708	\$ 3,277,356
18		Allocation Percentage	Net Dist Plant	100.00%	18.72%	57.19%	0.15%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 30,352,970	\$ 92,707,516	\$ 248,452
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 430,994,418	\$ 1,316,392,487	\$ 3,527,869
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 7,638,234	\$ 23,329,567	\$ 62,522
22	389-398	Total Common General Plant	1.1	36,432,780	6,821,972	20,836,446	55,841
23		Total Systems Allocable		\$ 77,224,813	\$ 14,460,205	\$ 44,166,014	\$ 118,363
24		Total Net Plant		\$ 2,378,953,097	\$ 445,454,624	\$ 1,360,558,501	\$ 3,646,232
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (397,884)	\$ (2,754,347)	\$ (29,538)
26		Materials & Supplies	1.1	15,364,326	2,876,942	8,787,086	23,549
27		Prepayments	1.1	6,885,291	1,289,258	3,937,800	10,553
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(34,307,092)	0
30		Customer Advances	9.0	(38,815,661)	0	(33,924,177)	0
31		Deferred Taxes	1.1	(506,604,924)	(94,860,847)	(289,734,857)	(776,476)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 354,362,093	\$ 1,012,562,913	\$ 2,874,320

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Multi-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 145	\$ 823	\$ 2
2	302.00	Franchises & Consents	1.1	1,302,415	4,413	25,140	47
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 4,557	\$ 25,963	\$ 49
5		Allocation Percentage	Intang. Plant	100.00%	0.34%	1.93%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 4,234	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	16,702	0	0
8	375.00	Structures	1.0	458,356	4,784	0	0
9	376.00	Mains - Demand	1.0	656,093,698	6,848,276	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	24,287,475	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	371,781	1,318,525	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	5,546,565	0
14	381.00	Meters	6.0	356,989,644	0	10,121,695	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	77,879
16	387.00	Other Equipment	1.0	(81,671)	(852)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 7,244,926	\$ 41,274,259	\$ 77,879
18		Allocation Percentage	Net Dist Plant	100.00%	0.34%	1.93%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 549,228	\$ 3,128,943	\$ 5,904
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 7,798,711	\$ 44,429,166	\$ 83,832
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 138,211	\$ 787,389	\$ 1,486
22	389-398	Total Common General Plant	1.1	36,432,780	123,441	703,245	1,327
23		Total Systems Allocable		\$ 77,224,813	\$ 261,653	\$ 1,490,634	\$ 2,813
24		Total Net Plant		\$ 2,378,953,097	\$ 8,060,364	\$ 45,919,800	\$ 86,645
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (7,200)	\$ (98,924)	\$ (702)
26		Materials & Supplies	1.1	15,364,326	52,057	296,570	560
27		Prepayments	1.1	6,885,291	23,329	132,903	251
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(3,577,413)	0
30		Customer Advances	9.0	(38,815,661)	0	(3,537,484)	0
31		Deferred Taxes	1.1	(506,604,924)	(1,716,478)	(9,778,754)	(18,451)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 6,412,072	\$ 29,356,699	\$ 68,302

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Master-Metered Mobile Home Park		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 43	\$ 6	\$ 0
2	302.00	Franchises & Consents	1.1	1,302,415	1,299	183	11
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 1,341	\$ 189	\$ 12
5		Allocation Percentage	Intang. Plant	100.00%	0.10%	0.01%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 1,246	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	4,915	0	0
8	375.00	Structures	1.0	458,356	1,408	0	0
9	376.00	Mains - Demand	1.0	656,093,698	2,015,317	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	74,877	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	109,408	4,065	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	128,377	0
14	381.00	Meters	6.0	356,989,644	0	92,612	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	18,422
16	387.00	Other Equipment	1.0	(81,671)	(251)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 2,132,043	\$ 299,931	\$ 18,422
18		Allocation Percentage	Net Dist Plant	100.00%	0.10%	0.01%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 161,627	\$ 22,737	\$ 1,397
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 2,295,011	\$ 322,857	\$ 19,831
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 40,673	\$ 5,722	\$ 351
22	389-398	Total Common General Plant	1.1	36,432,780	36,326	5,110	314
23		Total Systems Allocable		\$ 77,224,813	\$ 76,999	\$ 10,832	\$ 665
24		Total Net Plant		\$ 2,378,953,097	\$ 2,372,011	\$ 333,690	\$ 20,496
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (2,119)	\$ (686)	\$ (166)
26		Materials & Supplies	1.1	15,364,326	15,319	2,155	132
27		Prepayments	1.1	6,885,291	6,865	966	59
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(2,850)	0
30		Customer Advances	9.0	(38,815,661)	0	(2,818)	0
31		Deferred Taxes	1.1	(506,604,924)	(505,127)	(71,060)	(4,365)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 1,886,950	\$ 259,396	\$ 16,157

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 145	\$ 513	\$ 1
2	302.00	Franchises & Consents	1.1	1,302,415	4,441	15,666	31
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 4,587	\$ 16,179	\$ 32
5		Allocation Percentage	Intang. Plant	100.00%	0.34%	1.20%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 4,262	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	16,811	0	0
8	375.00	Structures	1.0	458,356	4,815	0	0
9	376.00	Mains - Demand	1.0	656,093,698	6,892,696	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	11,193,122	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	374,192	607,655	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	7,447,682	0
14	381.00	Meters	6.0	356,989,644	0	6,471,236	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	50,913
16	387.00	Other Equipment	1.0	(81,671)	(858)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 7,291,918	\$ 25,719,695	\$ 50,913
18		Allocation Percentage	Net Dist Plant	100.00%	0.34%	1.20%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 552,790	\$ 1,949,774	\$ 3,860
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 7,849,295	\$ 27,685,647	\$ 54,805
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 139,108	\$ 490,655	\$ 971
22	389-398	Total Common General Plant	1.1	36,432,780	124,242	438,221	867
23		Total Systems Allocable		\$ 77,224,813	\$ 263,350	\$ 928,875	\$ 1,839
24		Total Net Plant		\$ 2,378,953,097	\$ 8,112,645	\$ 28,614,523	\$ 56,643
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (7,246)	\$ (59,780)	\$ (459)
26		Materials & Supplies	1.1	15,364,326	52,395	184,805	366
27		Prepayments	1.1	6,885,291	23,480	82,818	164
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(613,454)	0
30		Customer Advances	9.0	(38,815,661)	0	(606,607)	0
31		Deferred Taxes	1.1	(506,604,924)	(1,727,611)	(6,093,545)	(12,062)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 6,453,663	\$ 21,508,758	\$ 44,652

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Medium General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 827	\$ 1,171	\$ 10
2	302.00	Franchises & Consents	1.1	1,302,415	25,252	35,755	301
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 26,079	\$ 36,926	\$ 311
5		Allocation Percentage	Intang. Plant	100.00%	1.94%	2.75%	0.02%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 24,231	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	95,578	0	0
8	375.00	Structures	1.0	458,356	27,378	0	0
9	376.00	Mains - Demand	1.0	656,093,698	39,188,736	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	9,341,756	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	2,127,488	507,148	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	27,553,974	0
14	381.00	Meters	6.0	356,989,644	0	21,299,045	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	494,425
16	387.00	Other Equipment	1.0	(81,671)	(4,878)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 41,458,532	\$ 58,701,922	\$ 494,425
18		Allocation Percentage	Net Dist Plant	100.00%	1.94%	2.75%	0.02%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 3,142,913	\$ 4,450,110	\$ 37,482
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 44,627,524	\$ 63,188,958	\$ 532,218
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 790,905	\$ 1,119,857	\$ 9,432
22	389-398	Total Common General Plant	1.1	36,432,780	706,384	1,000,183	8,424
23		Total Systems Allocable		\$ 77,224,813	\$ 1,497,289	\$ 2,120,040	\$ 17,856
24		Total Net Plant		\$ 2,378,953,097	\$ 46,124,813	\$ 65,308,997	\$ 550,074
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (41,199)	\$ (143,400)	\$ (4,456)
26		Materials & Supplies	1.1	15,364,326	297,894	421,794	3,553
27		Prepayments	1.1	6,885,291	133,497	189,021	1,592
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(536,172)	0
30		Customer Advances	9.0	(38,815,661)	0	(530,188)	0
31		Deferred Taxes	1.1	(506,604,924)	(9,822,412)	(13,907,739)	(117,140)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 36,692,593	\$ 50,802,313	\$ 433,623

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-1 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 1,854	\$ 1,205	\$ 25
2	302.00	Franchises & Consents	1.1	1,302,415	56,611	36,792	749
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 58,465	\$ 37,997	\$ 773
5		Allocation Percentage	Intang. Plant	100.00%	4.35%	2.82%	0.06%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 54,321	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	214,271	0	0
8	375.00	Structures	1.0	458,356	61,377	0	0
9	376.00	Mains - Demand	1.0	656,093,698	87,854,861	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	4,289,960	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	4,769,487	232,894	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	12,952,614	0
14	381.00	Meters	6.0	356,989,644	0	42,928,380	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	1,229,533
16	387.00	Other Equipment	1.0	(81,671)	(10,936)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 92,943,380	\$ 60,403,848	\$ 1,229,533
18		Allocation Percentage	Net Dist Plant	100.00%	4.35%	2.82%	0.06%
19	389-398	Total Direct General Plant	1.1	\$ 162,100,219	\$ 7,045,907	\$ 4,579,131	\$ 93,209
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 100,047,752	\$ 65,020,975	\$ 1,323,516
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 1,773,081	\$ 1,152,324	\$ 23,456
22	389-398	Total Common General Plant	1.1	36,432,780	1,583,600	1,029,181	20,949
23		Total Systems Allocable		\$ 77,224,813	\$ 3,356,682	\$ 2,181,505	\$ 44,405
24		Total Net Plant		\$ 2,378,953,097	\$ 103,404,433	\$ 67,202,480	\$ 1,367,921
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (92,362)	\$ (192,131)	\$ (11,081)
26		Materials & Supplies	1.1	15,364,326	667,831	434,023	8,835
27		Prepayments	1.1	6,885,291	299,279	194,501	3,959
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(178,179)	0
30		Customer Advances	9.0	(38,815,661)	0	(176,190)	0
31		Deferred Taxes	1.1	(506,604,924)	(22,020,272)	(14,310,962)	(291,303)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 82,258,909	\$ 52,973,542	\$ 1,078,331

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-2 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 627	\$ 171	\$ 8
2	302.00	Franchises & Consents	1.1	1,302,415	19,153	5,222	247
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 19,780	\$ 5,393	\$ 255
5		Allocation Percentage	Intang. Plant	100.00%	1.47%	0.40%	0.02%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 18,378	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	72,494	0	0
8	375.00	Structures	1.0	458,356	20,765	0	0
9	376.00	Mains - Demand	1.0	656,093,698	29,723,805	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	262,335	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	1,613,654	14,242	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	964,838	0
14	381.00	Meters	6.0	356,989,644	0	7,331,869	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	405,449
16	387.00	Other Equipment	1.0	(81,671)	(3,700)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 31,445,396	\$ 8,573,284	\$ 405,449
18		Allocation Percentage	Net Dist Plant	100.00%	1.47%	0.40%	0.02%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 2,383,831	\$ 649,929	\$ 30,737
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 33,849,008	\$ 9,228,605	\$ 436,441
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 599,884	\$ 163,553	\$ 7,735
22	389-398	Total Common General Plant	1.1	36,432,780	535,777	146,074	6,908
23		Total Systems Allocable		\$ 77,224,813	\$ 1,135,661	\$ 309,627	\$ 14,643
24		Total Net Plant		\$ 2,378,953,097	\$ 34,984,669	\$ 9,538,232	\$ 451,083
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (31,249)	\$ (33,117)	\$ (3,654)
26		Materials & Supplies	1.1	15,364,326	225,946	61,602	2,913
27		Prepayments	1.1	6,885,291	101,254	27,606	1,306
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(7,916)	0
30		Customer Advances	9.0	(38,815,661)	0	(7,827)	0
31		Deferred Taxes	1.1	(506,604,924)	(7,450,086)	(2,031,194)	(96,060)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 27,830,535	\$ 7,547,387	\$ 355,589

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Transportation Eligible General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 1,791	\$ 273	\$ 28
2	302.00	Franchises & Consents	1.1	1,302,415	54,689	8,321	851
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		<u>\$ 1,345,068</u>	<u>\$ 56,480</u>	<u>\$ 8,594</u>	<u>\$ 879</u>
5		Allocation Percentage	Intang. Plant	100.00%	4.20%	0.64%	0.07%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 52,476	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	206,994	0	0
8	375.00	Structures	1.0	458,356	59,292	0	0
9	376.00	Mains - Demand	1.0	656,093,698	84,871,315	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	125,642	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	4,607,516	6,821	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	870,673	0
14	381.00	Meters	6.0	356,989,644	0	12,658,606	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	1,397,617
16	387.00	Other Equipment	1.0	(81,671)	(10,565)	0	0
17		Total Direct Distribution Plant		<u>\$ 2,138,282,997</u>	<u>\$ 89,787,029</u>	<u>\$ 13,661,742</u>	<u>\$ 1,397,617</u>
18		Allocation Percentage	Net Dist Plant	100.00%	4.20%	0.64%	0.07%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 6,806,628	\$ 1,035,677	\$ 105,951
20		Total Direct Net Plant		<u>\$ 2,301,728,284</u>	<u>\$ 96,650,137</u>	<u>\$ 14,706,013</u>	<u>\$ 1,504,447</u>
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 1,712,867	\$ 260,625	\$ 26,662
22	389-398	Total Common General Plant	1.1	36,432,780	1,529,821	232,773	23,813
23		Total Systems Allocable		<u>\$ 77,224,813</u>	<u>\$ 3,242,689</u>	<u>\$ 493,398</u>	<u>\$ 50,475</u>
24		Total Net Plant		<u>\$ 2,378,953,097</u>	<u>\$ 99,892,826</u>	<u>\$ 15,199,412</u>	<u>\$ 1,554,923</u>
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (89,225)	\$ (57,176)	\$ (12,596)
26		Materials & Supplies	1.1	15,364,326	645,152	98,164	10,042
27		Prepayments	1.1	6,885,291	289,115	43,991	4,500
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(1,266)	0
30		Customer Advances	9.0	(38,815,661)	0	(1,252)	0
31		Deferred Taxes	1.1	(506,604,924)	(21,272,465)	(3,236,759)	(331,125)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		<u>\$ 1,812,414,666</u>	<u>\$ 79,465,402</u>	<u>\$ 12,045,114</u>	<u>\$ 1,225,744</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Air Conditioning		
					Demand	Customer	Commodity
(a)	(b)	(b)	(c)	(d)	(e)	(f)	(g)
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 3	\$ 1	\$ 0
2	302.00	Franchises & Consents	1.1	1,302,415	86	31	4
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 89	\$ 32	\$ 4
5		Allocation Percentage	Intang. Plant	100.00%	0.01%	0.00%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 83	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	327	0	0
8	375.00	Structures	1.0	458,356	94	0	0
9	376.00	Mains - Demand	1.0	656,093,698	134,148	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	13,960	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	7,283	758	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	18,711	0
14	381.00	Meters	6.0	356,989,644	0	16,663	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	5,981
16	387.00	Other Equipment	1.0	(81,671)	(17)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 141,918	\$ 50,092	\$ 5,981
18		Allocation Percentage	Net Dist Plant	100.00%	0.01%	0.00%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 10,759	\$ 3,797	\$ 453
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 152,766	\$ 53,921	\$ 6,438
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 2,707	\$ 956	\$ 114
22	389-398	Total Common General Plant	1.1	36,432,780	2,418	853	102
23		Total Systems Allocable		\$ 77,224,813	\$ 5,125	\$ 1,809	\$ 216
24		Total Net Plant		\$ 2,378,953,097	\$ 157,891	\$ 55,730	\$ 6,654
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (141)	\$ (118)	\$ (54)
26		Materials & Supplies	1.1	15,364,326	1,020	360	43
27		Prepayments	1.1	6,885,291	457	161	19
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(317)	0
30		Customer Advances	9.0	(38,815,661)	0	(313)	0
31		Deferred Taxes	1.1	(506,604,924)	(33,623)	(11,868)	(1,417)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 125,604	\$ 43,635	\$ 5,245

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Street Lighting		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 0	\$ 1	\$ 0
2	302.00	Franchises & Consents	1.1	1,302,415	3	39	0
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 3	\$ 40	\$ 0
5		Allocation Percentage	Intang. Plant	100.00%	0.00%	0.00%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 3	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	12	0	0
8	375.00	Structures	1.0	458,356	3	0	0
9	376.00	Mains - Demand	1.0	656,093,698	4,847	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	45,688	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	263	2,480	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	15,721	0
14	381.00	Meters	6.0	356,989,644	0	0	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	101
16	387.00	Other Equipment	1.0	(81,671)	(1)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 5,128	\$ 63,889	\$ 101
18		Allocation Percentage	Net Dist Plant	100.00%	0.00%	0.00%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 389	\$ 4,843	\$ 8
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 5,520	\$ 68,772	\$ 109
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 98	\$ 1,219	\$ 2
22	389-398	Total Common General Plant	1.1	36,432,780	87	1,089	2
23		Total Systems Allocable		\$ 77,224,813	\$ 185	\$ 2,307	\$ 4
24		Total Net Plant		\$ 2,378,953,097	\$ 5,705	\$ 71,080	\$ 113
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (5)	\$ (127)	\$ (1)
26		Materials & Supplies	1.1	15,364,326	37	459	1
27		Prepayments	1.1	6,885,291	17	206	0
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(633)	0
30		Customer Advances	9.0	(38,815,661)	0	(626)	0
31		Deferred Taxes	1.1	(506,604,924)	(1,215)	(15,137)	(24)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 4,538	\$ 55,222	\$ 89

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Compression on Customer's Premises		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 65	\$ 10	\$ 1
2	302.00	Franchises & Consents	1.1	1,302,415	1,999	291	41
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 2,065	\$ 301	\$ 43
5		Allocation Percentage	Intang. Plant	100.00%	0.15%	0.02%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 1,918	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	7,568	0	0
8	375.00	Structures	1.0	458,356	2,168	0	0
9	376.00	Mains - Demand	1.0	656,093,698	3,102,830	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	63,455	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	168,447	3,445	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	167,901	0
14	381.00	Meters	6.0	356,989,644	0	243,312	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	68,056
16	387.00	Other Equipment	1.0	(81,671)	(386)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 3,282,545	\$ 478,113	\$ 68,056
18		Allocation Percentage	Net Dist Plant	100.00%	0.15%	0.02%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 248,845	\$ 36,245	\$ 5,159
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 3,533,455	\$ 514,659	\$ 73,258
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 62,621	\$ 9,121	\$ 1,298
22	389-398	Total Common General Plant	1.1	36,432,780	55,929	8,146	1,160
23		Total Systems Allocable		\$ 77,224,813	\$ 118,550	\$ 17,267	\$ 2,458
24		Total Net Plant		\$ 2,378,953,097	\$ 3,652,005	\$ 531,926	\$ 75,716
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (3,262)	\$ (2,393)	\$ (613)
26		Materials & Supplies	1.1	15,364,326	23,586	3,435	489
27		Prepayments	1.1	6,885,291	10,570	1,540	219
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(3,166)	0
30		Customer Advances	9.0	(38,815,661)	0	(3,131)	0
31		Deferred Taxes	1.1	(506,604,924)	(777,705)	(113,275)	(16,124)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 2,905,194	\$ 414,936	\$ 59,687

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Electric Generation		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 258	\$ 19	\$ 4
2	302.00	Franchises & Consents	1.1	1,302,415	7,885	566	132
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 8,143	\$ 584	\$ 136
5		Allocation Percentage	Intang. Plant	100.00%	0.61%	0.04%	0.01%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 7,566	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	29,843	0	0
8	375.00	Structures	1.0	458,356	8,548	0	0
9	376.00	Mains - Demand	1.0	656,093,698	12,236,285	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	15,229	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	664,287	827	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	67,012	0
14	381.00	Meters	6.0	356,989,644	0	845,386	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	216,174
16	387.00	Other Equipment	1.0	(81,671)	(1,523)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 12,945,005	\$ 928,455	\$ 216,174
18		Allocation Percentage	Net Dist Plant	100.00%	0.61%	0.04%	0.01%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 981,343	\$ 70,385	\$ 16,388
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 13,934,491	\$ 999,424	\$ 232,698
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 246,952	\$ 17,712	\$ 4,124
22	389-398	Total Common General Plant	1.1	36,432,780	220,561	15,819	3,683
23		Total Systems Allocable		\$ 77,224,813	\$ 467,513	\$ 33,531	\$ 7,807
24		Total Net Plant		\$ 2,378,953,097	\$ 14,402,004	\$ 1,032,955	\$ 240,505
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (12,864)	\$ (3,770)	\$ (1,948)
26		Materials & Supplies	1.1	15,364,326	93,014	6,671	1,553
27		Prepayments	1.1	6,885,291	41,683	2,990	696
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	0	0
30		Customer Advances	9.0	(38,815,661)	0	0	0
31		Deferred Taxes	1.1	(506,604,924)	(3,066,948)	(219,971)	(51,216)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 11,456,889	\$ 818,876	\$ 189,590

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small Essential Agricultural User		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 64	\$ 24	\$ 1
2	302.00	Franchises & Consents	1.1	1,302,415	1,942	723	31
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 2,005	\$ 746	\$ 32
5		Allocation Percentage	Intang. Plant	100.00%	0.15%	0.06%	0.00%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 1,863	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	7,350	0	0
8	375.00	Structures	1.0	458,356	2,105	0	0
9	376.00	Mains - Demand	1.0	656,093,698	3,013,631	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	51,346	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	163,605	2,787	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	618,334	0
14	381.00	Meters	6.0	356,989,644	0	513,805	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	50,371
16	387.00	Other Equipment	1.0	(81,671)	(375)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 3,188,180	\$ 1,186,273	\$ 50,371
18		Allocation Percentage	Net Dist Plant	100.00%	0.15%	0.06%	0.00%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 241,691	\$ 89,930	\$ 3,819
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 3,431,877	\$ 1,276,949	\$ 54,221
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 60,821	\$ 22,631	\$ 961
22	389-398	Total Common General Plant	1.1	36,432,780	54,321	20,212	858
23		Total Systems Allocable		\$ 77,224,813	\$ 115,142	\$ 42,843	\$ 1,819
24		Total Net Plant		\$ 2,378,953,097	\$ 3,547,019	\$ 1,319,791	\$ 56,040
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (3,168)	\$ (3,416)	\$ (454)
26		Materials & Supplies	1.1	15,364,326	22,908	8,524	362
27		Prepayments	1.1	6,885,291	10,266	3,820	162
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(9,815)	0
30		Customer Advances	9.0	(38,815,661)	0	(9,706)	0
31		Deferred Taxes	1.1	(506,604,924)	(755,348)	(281,053)	(11,934)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 2,821,677	\$ 1,028,145	\$ 44,176

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Natural Gas Engine		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Cost of Service							
Direct							
<u>Intangible Plant</u>							
1	301.00	Organization	1.1	\$ 42,653	\$ 37	\$ 50	\$ 2
2	302.00	Franchises & Consents	1.1	1,302,415	1,120	1,535	72
3	303.00	Miscellaneous Intangible Plant	1.1	0	0	0	0
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 1,157	\$ 1,585	\$ 75
5		Allocation Percentage	Intang. Plant	100.00%	0.09%	0.12%	0.01%
<u>Distribution Plant</u>							
6	374.10	Land & Land Rights	1.0	\$ 405,666	\$ 1,075	\$ 0	\$ 0
7	374.20	Rights of Way	1.0	1,600,157	4,239	0	0
8	375.00	Structures	1.0	458,356	1,214	0	0
9	376.00	Mains - Demand	1.0	656,093,698	1,738,130	0	0
10	376.00	Mains - Customer	5.0	656,093,698	0	233,463	0
11	378.00	Measuring & Regulating Station	2.2	71,236,365	94,360	12,674	0
12	380.00	Services - Demand	1.0	0	0	0	0
13	380.00	Services - Customer	7.0	388,076,054	0	394,698	0
14	381.00	Meters	6.0	356,989,644	0	1,879,532	0
15	385.00	Industrial Measuring & Regulating Station	3.0	7,411,030	0	0	118,753
16	387.00	Other Equipment	1.0	(81,671)	(216)	0	0
17		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 1,838,802	\$ 2,520,368	\$ 118,753
18		Allocation Percentage	Net Dist Plant	100.00%	0.09%	0.12%	0.01%
19	389-398	<u>Total Direct General Plant</u>	1.1	\$ 162,100,219	\$ 139,397	\$ 191,066	\$ 9,002
20		Total Direct Net Plant		\$ 2,301,728,284	\$ 1,979,356	\$ 2,713,019	\$ 127,830
<u>Common - Systems Allocable</u>							
21	301-303	Total Common Intangible Plant	1.1	\$ 40,792,032	\$ 35,079	\$ 48,081	\$ 2,265
22	389-398	Total Common General Plant	1.1	36,432,780	31,330	42,943	2,023
23		Total Systems Allocable		\$ 77,224,813	\$ 66,409	\$ 91,024	\$ 4,289
24		Total Net Plant		\$ 2,378,953,097	\$ 2,045,765	\$ 2,804,043	\$ 132,119
<u>Other Rate Base Items</u>							
25		Cash Working Capital	11.2	\$ (4,113,676)	\$ (1,827)	\$ (7,746)	\$ (1,070)
26		Materials & Supplies	1.1	15,364,326	13,212	18,110	853
27		Prepayments	1.1	6,885,291	5,921	8,116	382
28		Other	1.1	0	0	0	0
29		Customer Deposits	9.0	(39,253,787)	0	(15,514)	0
30		Customer Advances	9.0	(38,815,661)	0	(15,341)	0
31		Deferred Taxes	1.1	(506,604,924)	(435,651)	(597,129)	(28,135)
32		Other	1.1	0	0	0	0
33		Total Allocated Rate Base		\$ 1,812,414,666	\$ 1,627,419	\$ 2,194,538	\$ 104,149

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Single-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
Direct							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 12,969	\$ 39,611	\$ 106
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	13,792,429	42,126,415	112,897
3	389 - 398	General Plant	1.1	9,396,758	1,759,526	5,374,145	14,402
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 15,564,924	\$ 47,540,171	\$ 127,405
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 1,741,723	\$ 5,319,770	\$ 14,257
6		General Plant	1.1	3,494,682	654,373	1,998,661	5,356
7		Total System Allocable Amortization		\$ 12,796,366	\$ 2,396,096	\$ 7,318,431	\$ 19,613
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 654,373	\$ 1,998,661	\$ 5,356
9		Total Depreciation Expense		\$ 95,920,934	\$ 17,961,020	\$ 54,858,602	\$ 147,018
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (9,913)	\$ (30,279)	\$ (81)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (9,913)	\$ (30,279)	\$ (81)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 17,951,106	\$ 54,828,323	\$ 146,937
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	594,983
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 594,983
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 922,871	\$ 6,563,886	\$ 68,478
20		Materials & Expenses	5.5	1,362,345	120,911	859,972	8,972
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	220,093
22		Materials & Expenses	3.0	51,760	0	0	22,890
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	1,264,254	3,131,413	0
24		Materials & Expenses	4.4	5,178,603	1,152,727	2,855,174	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	657,423	1,052,824	0
26		Materials & Expenses	2.2	694,302	200,255	320,696	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	5,434,350	0
28		Materials & Expenses	6.0	2,495,735	0	1,765,854	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	7,766,431	0
30		Materials & Expenses	6.0	1,362,655	0	964,144	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	849,601	6,042,756	63,041
32		Materials & Expenses	5.5	5,078,829	450,755	3,205,981	33,447
33	881.00	Rents	5.5	377,364	33,492	238,209	2,485
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 5,652,288	\$ 40,201,690	\$ 419,406
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 5,652,288	\$ 40,201,690	\$ 1,014,389

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Single-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 465,616	\$ 1,700,217	\$ 0
2		Materials & Expenses	6.6	305,666	51,260	187,178	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	1,412	0	0
4		Materials & Expenses	1.0	93,692	54,047	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	3,036,910	4,863,432	0
6		Materials & Expenses	2.2	12,562,563	3,623,368	5,802,610	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	479,414	767,754	0
8		Materials & Expenses	2.2	752,700	217,098	347,670	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	5,806,928	0
10		Materials & Expenses	3.3	7,492,159	0	6,396,605	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	1,570,692	0
12		Materials & Expenses	6.0	1,848,560	0	1,307,946	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	51,710	188,820	0
14		Materials & Expenses	6.6	184,886	31,005	113,217	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 8,011,841	\$ 29,053,070	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 13,664,130	\$ 69,254,760	\$ 1,014,389
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 1,553,158	\$ 0
18		Materials & Expenses	10.1	42,826	0	37,750	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	1,321,011	0
20		Materials & Expenses	11.0	273,434	0	252,596	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	7,514,558	0
22		Materials & Expenses	4.0	12,530,118	0	11,575,247	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	2,099,271	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	164,246	0
27		Materials & Expenses	10.1	12,641	0	11,143	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 24,528,981	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 462,683	\$ 0
30		Materials & Expenses	4.0	24,503	0	22,635	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	11,211	0
34		Materials & Expenses	4.0	335,002	0	309,473	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 806,002	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 13,664,130	\$ 94,589,743	\$ 1,014,389
44		Allocation Percentage	Total O&M	100.00%	9.67%	66.96%	0.72%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Single-Family Residential		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 7,448,835	\$ 51,564,454	\$ 552,982
2		Interest on Customer Deposits	8.0	2,355,227	0	2,192,793	0
3		Taxes Other Than Income	1.1	41,628,621	7,794,883	23,808,025	63,804
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 28,907,848	\$ 172,155,015	\$ 1,631,175
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 6,296,726	\$ 19,232,183	\$ 51,541
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(98,934)	(302,177)	(810)
8		South Georgia - Federal	1.1	94,833	17,757	54,236	145
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	430,994,418	1,316,392,487	3,527,869
10		Total Common Systems Allocable Net Plant		77,224,813	14,460,205	44,166,014	118,363
11		Cash Working Capital	1.1	(4,113,676)	(397,884)	(2,754,347)	(29,538)
12		Materials & Supplies	1.1	15,364,326	2,876,942	8,787,086	23,549
13		Prepayments	1.1	6,885,291	1,289,258	3,937,800	10,553
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(34,307,092)	0
16		Customer Advances	9.0	(38,815,661)	0	(33,924,177)	0
17		Deferred Taxes	1.1	(506,604,924)	(94,860,847)	(289,734,857)	(776,476)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 354,362,093	\$ 1,012,562,913	\$ 2,874,320
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 206,250,993	\$ 121,155,737	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	1,556,476	914,304	0
22		Late Charges	12.0	1,737,690	0	1,363,804	0
23		Service Establishment Charges	9.0	7,197,672	0	6,290,634	0
24		Reconnect / Reread Charges	9.0	240,946	0	210,582	0
25		Other Revenue - Labor	Net Op Margin	5,775	2,480	1,457	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	454	267	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	44,747	26,285	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	391,646	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	333,847	196,108	0
30		Total Revenue		\$ 494,469,883	\$ 208,188,998	\$ 130,550,823	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(13,664,130)	(94,589,743)	(1,014,389)
32		A & G	Total O&M	(77,012,607)	(7,448,835)	(51,564,454)	(552,982)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(17,951,106)	(54,828,323)	(146,937)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	(2,192,793)	0
35		Taxes Other Than Income	1.1	(41,628,621)	(7,794,883)	(23,808,025)	(63,804)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 161,330,043	\$ (96,432,515)	\$ (1,778,112)
37		Interest Expense	1.1	(33,627,705)	(6,296,726)	(19,232,183)	(51,541)
38		State Taxable Income		\$ 102,705,943	\$ 155,033,317	\$ (115,664,698)	\$ (1,829,653)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 8,526,832	\$ (6,361,558)	\$ (100,631)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 8,526,832	\$ (6,361,558)	\$ (100,631)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 161,330,043	\$ (96,432,515)	\$ (1,778,112)
43		Interest Expense	1.1	(33,627,705)	(6,296,726)	(19,232,183)	(51,541)
44		Federal Taxable Income		\$ 102,705,943	\$ 155,033,317	\$ (115,664,698)	\$ (1,829,653)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 51,277,270	\$ (38,256,099)	\$ (605,158)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(98,934)	(302,177)	(810)
47		South Georgia Federal	1.1	94,833	17,757	54,236	145
48		Total Federal Income Tax		\$ 33,536,464	\$ 51,196,092	\$ (38,504,039)	\$ (605,822)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 101,607,119	\$ (51,566,918)	\$ (1,071,659)
51		Rate of Return on Rate Base		5.36%	28.67%	-5.09%	-37%
52		Rate of Return by Class Total				3.57%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Multi-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 235	\$ 1,337	\$ 3
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	249,570	1,421,796	2,683
3	389 - 398	General Plant	1.1	9,396,758	31,838	181,381	342
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 281,642	\$ 1,604,514	\$ 3,028
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 31,516	\$ 179,546	\$ 339
6		General Plant	1.1	3,494,682	11,841	67,456	127
7		Total System Allocable Amortization		\$ 12,796,366	\$ 43,357	\$ 247,002	\$ 466
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 11,841	\$ 67,456	\$ 127
9		Total Depreciation Expense		\$ 95,920,934	\$ 324,999	\$ 1,851,516	\$ 3,494
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (179)	\$ (1,022)	\$ (2)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (179)	\$ (1,022)	\$ (2)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 324,820	\$ 1,850,494	\$ 3,492
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	14,138
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 14,138
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering Labor & Labor Loading	5.5	\$ 10,398,332	\$ 16,699	\$ 249,115	\$ 1,627
20		Materials & Expenses	5.5	1,362,345	2,188	32,638	213
21	871.00	Distribution Load Dispatching Labor & Labor Loading	3.0	497,694	0	0	5,230
22		Materials & Expenses	3.0	51,760	0	0	544
23	874.00	Mains and Services Expenses Labor & Labor Loading	4.4	5,679,634	22,876	99,659	0
24		Materials & Expenses	4.4	5,178,603	20,858	90,867	0
25	875.00	Measuring & Regulating Exps. - General Labor & Labor Loading	2.2	2,279,348	11,896	42,189	0
26		Materials & Expenses	2.2	694,302	3,624	12,851	0
27	878.00	Meter and House Regulator Expenses Labor & Labor Loading	6.0	7,680,533	0	217,765	0
28		Materials & Expenses	6.0	2,495,735	0	70,761	0
29	879.00	Customer Installation Expense Labor & Labor Loading	6.0	10,976,535	0	311,217	0
30		Materials & Expenses	6.0	1,362,655	0	38,635	0
31	880.00	Other Expenses Labor & Labor Loading	5.5	9,572,772	15,373	229,337	1,498
32		Materials & Expenses	5.5	5,078,829	8,156	121,675	795
33	881.00	Rents	5.5	377,364	606	9,041	59
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 102,276	\$ 1,525,750	\$ 9,966
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 102,276	\$ 1,525,750	\$ 24,105

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Multi-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Maintenance Expenses</u>							
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 8,425	\$ 50,110	\$ 0
2		Materials & Expenses	6.6	305,666	928	5,517	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	26	0	0
4		Materials & Expenses	1.0	93,692	978	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	54,952	194,888	0
6		Materials & Expenses	2.2	12,562,563	65,564	232,522	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	8,675	30,765	0
8		Materials & Expenses	2.2	752,700	3,928	13,932	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	97,210	0
10		Materials & Expenses	3.3	7,492,159	0	107,081	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	62,941	0
12		Materials & Expenses	6.0	1,848,560	0	52,412	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	936	5,565	0
14		Materials & Expenses	6.6	184,886	561	3,337	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 144,972	\$ 856,281	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 247,248	\$ 2,382,031	\$ 24,105
<u>Customer Accounts Expenses</u>							
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 62,238	\$ 0
18		Materials & Expenses	10.1	42,826	0	1,513	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	52,936	0
20		Materials & Expenses	11.0	273,434	0	10,122	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	301,124	0
22		Materials & Expenses	4.0	12,530,118	0	463,844	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	84,122	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	6,582	0
27		Materials & Expenses	10.1	12,641	0	447	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 982,926	\$ 0
<u>Customer Service & Informational Expenses</u>							
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 18,541	\$ 0
30		Materials & Expenses	4.0	24,503	0	907	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	449	0
34		Materials & Expenses	4.0	335,002	0	12,401	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 32,298	\$ 0
<u>Sales Expense</u>							
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 247,248	\$ 3,397,255	\$ 24,105
44		Allocation Percentage	Total O&M	100.00%	0.18%	2.40%	0.02%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Multi-Family Residential		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 134,784	\$ 1,851,973	\$ 13,140
2		Interest on Customer Deposits	8.0	2,355,227	0	87,870	0
3		Taxes Other Than Income	1.1	41,628,621	141,046	803,537	1,516
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 523,079	\$ 6,140,635	\$ 38,761
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 113,937	\$ 649,100	\$ 1,225
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1,790)	(10,199)	(19)
8		South Georgia - Federal	1.1	94,833	321	1,831	3
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	7,798,711	44,429,166	83,832
10		Total Common Systems Allocable Net Plant		77,224,813	261,653	1,490,634	2,813
11		Cash Working Capital	1.1	(4,113,676)	(7,200)	(98,924)	(702)
12		Materials & Supplies	1.1	15,364,326	52,057	296,570	560
13		Prepayments	1.1	6,885,291	23,329	132,903	251
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(3,577,413)	0
16		Customer Advances	9.0	(38,815,661)	0	(3,537,484)	0
17		Deferred Taxes	1.1	(506,604,924)	(1,716,478)	(9,778,754)	(18,451)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 6,412,072	\$ 29,356,699	\$ 68,302
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 4,901,396	\$ 4,365,554	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	36,988	32,945	0
22		Late Charges	12.0	1,737,690	0	80,436	0
23		Service Establishment Charges	9.0	7,197,672	0	655,963	0
24		Reconnect / Reread Charges	9.0	240,946	0	21,959	0
25		Other Revenue - Labor	Net Op Margin	5,775	59	52	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	11	10	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	1,063	947	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	31,370	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	7,934	7,066	0
30		Total Revenue		\$ 494,469,883	\$ 4,947,451	\$ 5,196,302	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(247,248)	(3,397,255)	(24,105)
32		A & G	Total O&M	(77,012,607)	(134,784)	(1,851,973)	(13,140)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(324,820)	(1,850,494)	(3,492)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	(87,870)	0
35		Taxes Other Than Income	1.1	(41,628,621)	(141,046)	(803,537)	(1,516)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 4,099,553	\$ (2,794,827)	\$ (42,253)
37		Interest Expense	1.1	(33,627,705)	(113,937)	(649,100)	(1,225)
38		State Taxable Income		\$ 102,705,943	\$ 3,985,616	\$ (3,443,927)	\$ (43,478)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 219,209	\$ (189,416)	\$ (2,391)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 219,209	\$ (189,416)	\$ (2,391)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 4,099,553	\$ (2,794,827)	\$ (42,253)
43		Interest Expense	1.1	(33,627,705)	(113,937)	(649,100)	(1,225)
44		Federal Taxable Income		\$ 102,705,943	\$ 3,985,616	\$ (3,443,927)	\$ (43,478)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 1,318,242	\$ (1,139,079)	\$ (14,380)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1,790)	(10,199)	(19)
47		South Georgia Federal	1.1	94,833	321	1,831	3
48		Total Federal Income Tax		\$ 33,536,464	\$ 1,316,773	\$ (1,147,447)	\$ (14,396)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 2,563,571	\$ (1,457,964)	\$ (25,466)
51		Rate of Return on Rate Base		5.36%	39.98%	-4.97%	-37.28%
52		Rate of Return by Class Total				3.01%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Master-Metered Mobile Home Park		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 69	\$ 10	\$ 1
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	73,444	10,332	635
3	389 - 398	General Plant	1.1	9,396,758	9,369	1,318	81
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 82,882	\$ 11,660	\$ 716
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 9,275	\$ 1,305	\$ 80
6		General Plant	1.1	3,494,682	3,484	490	30
7		Total System Allocable Amortization		\$ 12,796,366	\$ 12,759	\$ 1,795	\$ 110
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 3,484	\$ 490	\$ 30
9		Total Depreciation Expense		\$ 95,920,934	\$ 95,641	\$ 13,455	\$ 826
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (53)	\$ (7)	\$ (0)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (53)	\$ (7)	\$ (0)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 95,588	\$ 13,447	\$ 826
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	3,344
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 3,344
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 4,914	\$ 2,060	\$ 385
20		Materials & Expenses	5.5	1,362,345	644	270	50
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	1,237
22		Materials & Expenses	3.0	51,760	0	0	129
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	6,732	679	0
24		Materials & Expenses	4.4	5,178,603	6,138	619	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	3,501	130	0
26		Materials & Expenses	2.2	694,302	1,066	40	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	1,993	0
28		Materials & Expenses	6.0	2,495,735	0	647	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	2,848	0
30		Materials & Expenses	6.0	1,362,655	0	354	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	4,524	1,896	354
32		Materials & Expenses	5.5	5,078,829	2,400	1,006	188
33	881.00	Rents	5.5	377,364	178	75	14
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 30,098	\$ 12,615	\$ 2,358
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 30,098	\$ 12,615	\$ 5,702

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Master-Metered Mobile Home Park		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 2,479	\$ 458	\$ 0
2		Materials & Expenses	6.6	305,666	273	50	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	8	0	0
4		Materials & Expenses	1.0	93,692	288	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	16,171	601	0
6		Materials & Expenses	2.2	12,562,563	19,294	717	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	2,553	95	0
8		Materials & Expenses	2.2	752,700	1,156	43	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	2,250	0
10		Materials & Expenses	3.3	7,492,159	0	2,478	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	576	0
12		Materials & Expenses	6.0	1,848,560	0	480	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	275	51	0
14		Materials & Expenses	6.6	184,886	165	31	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 42,662	\$ 7,829	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 72,760	\$ 20,445	\$ 5,702
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 192	\$ 0
18		Materials & Expenses	10.1	42,826	0	5	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	163	0
20		Materials & Expenses	11.0	273,434	0	31	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	928	0
22		Materials & Expenses	4.0	12,530,118	0	1,430	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	259	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	20	0
27		Materials & Expenses	10.1	12,641	0	1	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 3,030	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 57	\$ 0
30		Materials & Expenses	4.0	24,503	0	3	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	1	0
34		Materials & Expenses	4.0	335,002	0	38	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 100	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 72,760	\$ 23,575	\$ 5,702
44		Allocation Percentage	Total O&M	100.00%	0.05%	0.02%	0.00%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Master-Metered Mobile Home Park		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 39,664	\$ 12,851	\$ 3,108
2		Interest on Customer Deposits	8.0	2,355,227	0	271	0
3		Taxes Other Than Income	1.1	41,628,621	41,507	5,839	359
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 153,932	\$ 42,536	\$ 9,169
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 33,530	\$ 4,717	\$ 290
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(527)	(74)	(5)
8		South Georgia - Federal	1.1	94,833	95	13	1
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	2,295,011	322,857	19,831
10		Total Common Systems Allocable Net Plant		77,224,813	76,999	10,832	665
11		Cash Working Capital	1.1	(4,113,676)	(2,119)	(686)	(166)
12		Materials & Supplies	1.1	15,364,326	15,319	2,155	132
13		Prepayments	1.1	6,885,291	6,865	966	59
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(2,850)	0
16		Customer Advances	9.0	(38,815,661)	0	(2,818)	0
17		Deferred Taxes	1.1	(506,604,924)	(505,127)	(71,060)	(4,365)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 1,886,950	\$ 259,396	\$ 16,157
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 778,118	\$ 93,456	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	5,872	705	0
22		Late Charges	12.0	1,737,690	0	706	0
23		Service Establishment Charges	9.0	7,197,672	0	523	0
24		Reconnect / Reread Charges	9.0	240,946	0	17	0
25		Other Revenue - Labor	Net Op Margin	5,775	9	1	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	2	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	169	20	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	28	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	1,259	151	0
30		Total Revenue		\$ 494,469,883	\$ 785,429	\$ 95,608	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(72,760)	(23,575)	(5,702)
32		A & G	Total O&M	(77,012,607)	(39,664)	(12,851)	(3,108)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(95,588)	(13,447)	(826)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	(271)	0
35		Taxes Other Than Income	1.1	(41,628,621)	(41,507)	(5,839)	(359)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 535,909	\$ 39,625	\$ (9,995)
37		Interest Expense	1.1	(33,627,705)	(33,530)	(4,717)	(290)
38		State Taxable Income		\$ 102,705,943	\$ 502,380	\$ 34,908	\$ (10,285)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 27,631	\$ 1,920	\$ (566)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 27,631	\$ 1,920	\$ (566)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 535,909	\$ 39,625	\$ (9,995)
43		Interest Expense	1.1	(33,627,705)	(33,530)	(4,717)	(290)
44		Federal Taxable Income		\$ 102,705,943	\$ 502,380	\$ 34,908	\$ (10,285)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 166,162	\$ 11,546	\$ (3,402)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(527)	(74)	(5)
47		South Georgia Federal	1.1	94,833	95	13	1
48		Total Federal Income Tax		\$ 33,536,464	\$ 165,730	\$ 11,485	\$ (3,405)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 342,549	\$ 26,220	\$ (6,024)
51		Rate of Return on Rate Base		5.36%	18.15%	10.11%	-37.28%
52		Rate of Return by Class Total				16.77%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 236	\$ 833	\$ 2
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	251,189	885,980	1,754
3	389 - 398	General Plant	1.1	9,396,758	32,045	113,026	224
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 283,469	\$ 999,839	\$ 1,979
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 31,720	\$ 111,883	\$ 221
6		General Plant	1.1	3,494,682	11,917	42,035	83
7		Total System Allocable Amortization		\$ 12,796,366	\$ 43,638	\$ 153,917	\$ 305
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 11,917	\$ 42,035	\$ 83
9		Total Depreciation Expense		\$ 95,920,934	\$ 327,107	\$ 1,153,756	\$ 2,284
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (181)	\$ (637)	\$ (1)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (181)	\$ (637)	\$ (1)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 326,927	\$ 1,153,119	\$ 2,283
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	9,243
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 9,243
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering Labor & Labor Loading	5.5	\$ 10,398,332	\$ 16,807	\$ 155,722	\$ 1,064
20		Materials & Expenses	5.5	1,362,345	2,202	20,402	139
21	871.00	Distribution Load Dispatching Labor & Labor Loading	3.0	497,694	0	0	3,419
22		Materials & Expenses	3.0	51,760	0	0	356
23	874.00	Mains and Services Expenses Labor & Labor Loading	4.4	5,679,634	23,025	62,269	0
24		Materials & Expenses	4.4	5,178,603	20,994	56,776	0
25	875.00	Measuring & Regulating Exps. - General Labor & Labor Loading	2.2	2,279,348	11,973	19,443	0
26		Materials & Expenses	2.2	694,302	3,647	5,922	0
27	878.00	Meter and House Regulator Expenses Labor & Labor Loading	6.0	7,680,533	0	139,227	0
28		Materials & Expenses	6.0	2,495,735	0	45,241	0
29	879.00	Customer Installation Expense Labor & Labor Loading	6.0	10,976,535	0	198,974	0
30		Materials & Expenses	6.0	1,362,655	0	24,701	0
31	880.00	Other Expenses Labor & Labor Loading	5.5	9,572,772	15,473	143,358	979
32		Materials & Expenses	5.5	5,078,829	8,209	76,059	520
33	881.00	Rents	5.5	377,364	610	5,651	39
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 102,940	\$ 953,744	\$ 6,515
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 102,940	\$ 953,744	\$ 15,758

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Maintenance Expenses</u>							
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 8,480	\$ 35,800	\$ 0
2		Materials & Expenses	6.6	305,666	934	3,941	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	26	0	0
4		Materials & Expenses	1.0	93,692	984	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	55,308	89,816	0
6		Materials & Expenses	2.2	12,562,563	65,989	107,160	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	8,731	14,179	0
8		Materials & Expenses	2.2	752,700	3,954	6,421	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	130,529	0
10		Materials & Expenses	3.3	7,492,159	0	143,784	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	40,241	0
12		Materials & Expenses	6.0	1,848,560	0	33,509	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	942	3,976	0
14		Materials & Expenses	6.6	184,886	565	2,384	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 145,912	\$ 611,739	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 248,852	\$ 1,565,484	\$ 15,758
<u>Customer Accounts Expenses</u>							
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 29,925	\$ 0
18		Materials & Expenses	10.1	42,826	0	727	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	24,396	0
20		Materials & Expenses	11.0	273,434	0	4,665	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	138,776	0
22		Materials & Expenses	4.0	12,530,118	0	213,767	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	17,111	0
24		Materials & Expenses - KAM	15.0	70,691	0	1,088	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	38,768	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	3,165	0
27		Materials & Expenses	10.1	12,641	0	215	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 472,601	\$ 0
<u>Customer Service & Informational Expenses</u>							
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 8,545	\$ 0
30		Materials & Expenses	4.0	24,503	0	418	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	207	0
34		Materials & Expenses	4.0	335,002	0	5,715	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 14,885	\$ 0
<u>Sales Expense</u>							
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 248,852	\$ 2,052,970	\$ 15,758
44		Allocation Percentage	Total O&M	100.00%	0.18%	1.45%	0.01%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small General		
					Demand	Customer	Commodity
(a)	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 135,659	\$ 1,119,152	\$ 8,590
2		Interest on Customer Deposits	8.0	2,355,227	0	40,496	0
3		Taxes Other Than Income	1.1	41,628,621	141,961	500,717	991
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 526,471	\$ 3,713,335	\$ 25,340
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 114,676	\$ 404,481	\$ 801
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1,802)	(6,355)	(13)
8		South Georgia - Federal	1.1	94,833	323	1,141	2
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	7,849,295	27,685,647	54,805
10		Total Common Systems Allocable Net Plant		77,224,813	263,350	928,875	1,839
11		Cash Working Capital	1.1	(4,113,676)	(7,246)	(59,780)	(459)
12		Materials & Supplies	1.1	15,364,326	52,395	184,805	366
13		Prepayments	1.1	6,885,291	23,480	82,818	164
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(613,454)	0
16		Customer Advances	9.0	(38,815,661)	0	(606,607)	0
17		Deferred Taxes	1.1	(506,604,924)	(1,727,611)	(6,093,545)	(12,062)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 6,453,663	\$ 21,508,758	\$ 44,652
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 3,824,003	\$ 5,820,980	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	28,858	43,928	0
22		Late Charges	12.0	1,737,690	0	17,746	0
23		Service Establishment Charges	9.0	7,197,672	0	112,485	0
24		Reconnect / Reread Charges	9.0	240,946	0	3,765	0
25		Other Revenue - Labor	Net Op Margin	5,775	46	70	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	8	13	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	830	1,263	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	2,436	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	6,190	9,422	0
30		Total Revenue		\$ 494,469,883	\$ 3,859,935	\$ 6,012,108	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(248,852)	(2,052,970)	(15,758)
32		A & G	Total O&M	(77,012,607)	(135,659)	(1,119,152)	(8,590)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(326,927)	(1,153,119)	(2,283)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	(40,496)	0
35		Taxes Other Than Income	1.1	(41,628,621)	(141,961)	(500,717)	(991)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 3,006,537	\$ 1,145,653	\$ (27,623)
37		Interest Expense	1.1	(33,627,705)	(114,676)	(404,481)	(801)
38		State Taxable Income		\$ 102,705,943	\$ 2,891,860	\$ 741,173	\$ (28,423)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 159,052	\$ 40,764	\$ (1,563)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 159,052	\$ 40,764	\$ (1,563)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 3,006,537	\$ 1,145,653	\$ (27,623)
43		Interest Expense	1.1	(33,627,705)	(114,676)	(404,481)	(801)
44		Federal Taxable Income		\$ 102,705,943	\$ 2,891,860	\$ 741,173	\$ (28,423)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 956,483	\$ 245,143	\$ (9,401)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1,802)	(6,355)	(13)
47		South Georgia Federal	1.1	94,833	323	1,141	2
48		Total Federal Income Tax		\$ 33,536,464	\$ 955,004	\$ 239,928	\$ (9,411)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 1,892,480	\$ 864,961	\$ (16,648)
51		Rate of Return on Rate Base		5.36%	29.32%	4.02%	-37.28%
52		Rate of Return by Class Total				9.79%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Medium General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 1,343	\$ 1,901	\$ 16
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	1,428,144	2,022,136	17,032
3	389 - 398	General Plant	1.1	9,396,758	182,191	257,968	2,173
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 1,611,677</u>	<u>\$ 2,282,005</u>	<u>\$ 19,221</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 180,348	\$ 255,358	\$ 2,151
6		General Plant	1.1	3,494,682	67,757	95,939	808
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 248,105</u>	<u>\$ 351,296</u>	<u>\$ 2,959</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 67,757	\$ 95,939	\$ 808
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 1,859,782</u>	<u>\$ 2,633,301</u>	<u>\$ 22,179</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (1,026)	\$ (1,453)	\$ (12)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (1,026)</u>	<u>\$ (1,453)</u>	<u>\$ (12)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 1,858,756</u>	<u>\$ 2,631,848</u>	<u>\$ 22,167</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	89,760
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 89,760</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 95,559	\$ 450,952	\$ 10,331
20		Materials & Expenses	5.5	1,362,345	12,520	59,082	1,353
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	33,204
22		Materials & Expenses	3.0	51,760	0	0	3,453
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	130,908	123,248	0
24		Materials & Expenses	4.4	5,178,603	119,360	112,376	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	68,073	16,227	0
26		Materials & Expenses	2.2	694,302	20,735	4,943	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	458,243	0
28		Materials & Expenses	6.0	2,495,735	0	148,903	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	654,892	0
30		Materials & Expenses	6.0	1,362,655	0	81,300	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	87,972	415,150	9,510
32		Materials & Expenses	5.5	5,078,829	46,674	220,257	5,046
33	881.00	Rents	5.5	377,364	3,468	16,365	375
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 585,269</u>	<u>\$ 2,761,939</u>	<u>\$ 63,272</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 585,269</u>	<u>\$ 2,761,939</u>	<u>\$ 153,032</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Medium General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 48,212	\$ 91,088	\$ 0
2		Materials & Expenses	6.6	305,666	5,308	10,028	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	146	0	0
4		Materials & Expenses	1.0	93,692	5,596	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	314,458	74,960	0
6		Materials & Expenses	2.2	12,562,563	375,183	89,436	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	49,641	11,833	0
8		Materials & Expenses	2.2	752,700	22,480	5,359	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	482,916	0
10		Materials & Expenses	3.3	7,492,159	0	531,954	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	132,446	0
12		Materials & Expenses	6.0	1,848,560	0	110,291	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	5,354	10,116	0
14		Materials & Expenses	6.6	184,886	3,210	6,066	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 829,590	\$ 1,556,491	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 1,414,859	\$ 4,318,430	\$ 153,032
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 37,598	\$ 0
18		Materials & Expenses	10.1	42,826	0	914	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	20,361	0
20		Materials & Expenses	11.0	273,434	0	3,893	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	115,822	0
22		Materials & Expenses	4.0	12,530,118	0	178,409	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	188,216	0
24		Materials & Expenses - KAM	15.0	70,691	0	11,963	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	32,356	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	3,976	0
27		Materials & Expenses	10.1	12,641	0	270	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 593,778	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 7,131	\$ 0
30		Materials & Expenses	4.0	24,503	0	349	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	173	0
34		Materials & Expenses	4.0	335,002	0	4,770	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 12,423	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 1,414,859	\$ 4,924,631	\$ 153,032
44		Allocation Percentage	Total O&M	100.00%	1.00%	3.49%	0.11%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Medium General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 771,293	\$ 2,684,603	\$ 83,423
2		Interest on Customer Deposits	8.0	2,355,227	0	33,798	0
3		Taxes Other Than Income	1.1	41,628,621	807,125	1,142,823	9,626
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 2,993,277	\$ 8,785,855	\$ 246,081
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 651,998	\$ 923,176	\$ 7,776
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(10,244)	(14,505)	(122)
8		South Georgia - Federal	1.1	94,833	1,839	2,603	22
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	44,627,524	63,188,958	532,218
10		Total Common Systems Allocable Net Plant		77,224,813	1,497,289	2,120,040	17,856
11		Cash Working Capital	1.1	(4,113,676)	(41,199)	(143,400)	(4,456)
12		Materials & Supplies	1.1	15,364,326	297,894	421,794	3,553
13		Prepayments	1.1	6,885,291	133,497	189,021	1,592
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(536,172)	0
16		Customer Advances	9.0	(38,815,661)	0	(530,188)	0
17		Deferred Taxes	1.1	(506,604,924)	(9,822,412)	(13,907,739)	(117,140)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 36,692,593	\$ 50,802,313	\$ 433,623
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 20,283,578	\$ 7,684,754	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	153,070	57,993	0
22		Late Charges	12.0	1,737,690	0	80,558	0
23		Service Establishment Charges	9.0	7,197,672	0	98,314	0
24		Reconnect / Reread Charges	9.0	240,946	0	3,291	0
25		Other Revenue - Labor	Net Op Margin	5,775	244	92	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	45	17	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	4,401	1,667	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	5,572	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	32,832	12,439	0
30		Total Revenue		\$ 494,469,883	\$ 20,474,169	\$ 7,944,698	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(1,414,859)	(4,924,631)	(153,032)
32		A & G	Total O&M	(77,012,607)	(771,293)	(2,684,603)	(83,423)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(1,858,756)	(2,631,848)	(22,167)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	(33,798)	0
35		Taxes Other Than Income	1.1	(41,628,621)	(807,125)	(1,142,823)	(9,626)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 15,622,136	\$ (3,473,004)	\$ (268,248)
37		Interest Expense	1.1	(33,627,705)	(651,998)	(923,176)	(7,776)
38		State Taxable Income		\$ 102,705,943	\$ 14,970,139	\$ (4,396,180)	\$ (276,023)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 823,358	\$ (241,790)	\$ (15,181)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 823,358	\$ (241,790)	\$ (15,181)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 15,622,136	\$ (3,473,004)	\$ (268,248)
43		Interest Expense	1.1	(33,627,705)	(651,998)	(923,176)	(7,776)
44		Federal Taxable Income		\$ 102,705,943	\$ 14,970,139	\$ (4,396,180)	\$ (276,023)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 4,951,373	\$ (1,454,037)	\$ (91,295)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(10,244)	(14,505)	(122)
47		South Georgia Federal	1.1	94,833	1,839	2,603	22
48		Total Federal Income Tax		\$ 33,536,464	\$ 4,942,968	\$ (1,465,938)	\$ (91,395)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 9,855,811	\$ (1,765,276)	\$ (161,672)
51		Rate of Return on Rate Base		5.36%	26.86%	-3.47%	-37.28%
52		Rate of Return by Class Total				9.02%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-1 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 3,011	\$ 1,957	\$ 40
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	3,201,669	2,080,763	42,354
3	389 - 398	General Plant	1.1	9,396,758	408,443	265,447	5,403
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 3,613,122	\$ 2,348,166	\$ 47,797
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 404,310	\$ 262,761	\$ 5,349
6		General Plant	1.1	3,494,682	151,901	98,720	2,009
7		Total System Allocable Amortization		\$ 12,796,366	\$ 556,211	\$ 361,481	\$ 7,358
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 151,901	\$ 98,720	\$ 2,009
9		Total Depreciation Expense		\$ 95,920,934	\$ 4,169,334	\$ 2,709,648	\$ 55,155
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (2,301)	\$ (1,496)	\$ (30)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (2,301)	\$ (1,496)	\$ (30)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 4,167,033	\$ 2,708,152	\$ 55,125
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	223,214
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 223,214
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
20		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 214,228	\$ 796,808	\$ 25,690
		Materials & Expenses	5.5	1,362,345	28,067	104,394	3,366
21	871.00	Distribution Load Dispatching					
22		Labor & Labor Loading	3.0	497,694	0	0	82,570
		Materials & Expenses	3.0	51,760	0	0	8,587
23	874.00	Mains and Services Expenses					
24		Labor & Labor Loading	4.4	5,679,634	293,474	57,598	0
		Materials & Expenses	4.4	5,178,603	267,585	52,517	0
25	875.00	Measuring & Regulating Exps. - General					
26		Labor & Labor Loading	2.2	2,279,348	152,609	7,452	0
		Materials & Expenses	2.2	694,302	46,486	2,270	0
27	878.00	Meter and House Regulator Expenses					
28		Labor & Labor Loading	6.0	7,680,533	0	923,592	0
		Materials & Expenses	6.0	2,495,735	0	300,115	0
29	879.00	Customer Installation Expense					
30		Labor & Labor Loading	6.0	10,976,535	0	1,319,940	0
		Materials & Expenses	6.0	1,362,655	0	163,861	0
31	880.00	Other Expenses					
32		Labor & Labor Loading	5.5	9,572,772	197,220	733,547	23,651
		Materials & Expenses	5.5	5,078,829	104,635	389,183	12,548
33	881.00	Rents	5.5	377,364	7,775	28,917	932
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 1,312,079	\$ 4,880,192	\$ 157,344
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 1,312,079	\$ 4,880,192	\$ 380,558

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-1 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Maintenance Expenses</u>							
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 108,085	\$ 66,436	\$ 0
2		Materials & Expenses	6.6	305,666	11,899	7,314	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	328	0	0
4		Materials & Expenses	1.0	93,692	12,546	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	704,965	34,424	0
6		Materials & Expenses	2.2	12,562,563	841,101	41,071	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	111,288	5,434	0
8		Materials & Expenses	2.2	752,700	50,396	2,461	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	227,010	0
10		Materials & Expenses	3.3	7,492,159	0	250,062	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	266,946	0
12		Materials & Expenses	6.0	1,848,560	0	222,291	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	12,004	7,378	0
14		Materials & Expenses	6.6	184,886	7,197	4,424	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 1,859,808	\$ 1,135,251	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 3,171,887	\$ 6,015,443	\$ 380,558
<u>Customer Accounts Expenses</u>							
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 36,537	\$ 0
18		Materials & Expenses	10.1	42,826	0	888	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	9,350	0
20		Materials & Expenses	11.0	273,434	0	1,788	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	53,188	0
22		Materials & Expenses	4.0	12,530,118	0	81,930	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	351,988	0
24		Materials & Expenses - KAM	15.0	70,691	0	22,373	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	14,859	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	3,864	0
27		Materials & Expenses	10.1	12,641	0	262	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 577,026	\$ 0
<u>Customer Service & Informational Expenses</u>							
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 3,275	\$ 0
30		Materials & Expenses	4.0	24,503	0	160	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	79	0
34		Materials & Expenses	4.0	335,002	0	2,190	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 5,705	\$ 0
<u>Sales Expense</u>							
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 3,171,887	\$ 6,598,174	\$ 380,558
44		Allocation Percentage	Total O&M	100.00%	2.25%	4.67%	0.27%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-1 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 1,729,116	\$ 3,596,915	\$ 207,457
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	1,809,445	1,175,957	23,937
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 6,710,447	\$ 11,371,046	\$ 611,952
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 1,461,674	\$ 949,941	\$ 19,336
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(22,966)	(14,926)	(304)
8		South Georgia - Federal	1.1	94,833	4,122	2,679	55
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	100,047,752	65,020,975	1,323,516
10		Total Common Systems Allocable Net Plant		77,224,813	3,356,682	2,181,505	44,405
11		Cash Working Capital	1.1	(4,113,676)	(92,362)	(192,131)	(11,081)
12		Materials & Supplies	1.1	15,364,326	667,831	434,023	8,835
13		Prepayments	1.1	6,885,291	299,279	194,501	3,959
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(178,179)	0
16		Customer Advances	9.0	(38,815,661)	0	(176,190)	0
17		Deferred Taxes	1.1	(506,604,924)	(22,020,272)	(14,310,962)	(291,303)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 82,258,909	\$ 52,973,542	\$ 1,078,331
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 45,410,604	\$ 6,490,160	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	342,692	48,978	0
22		Late Charges	12.0	1,737,690	0	115,370	0
23		Service Establishment Charges	9.0	7,197,672	0	32,671	0
24		Reconnect / Reread Charges	9.0	240,946	0	1,094	0
25		Other Revenue - Labor	Net Op Margin	5,775	546	78	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	100	14	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	9,852	1,408	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	2,030	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	73,504	10,505	0
30		Total Revenue		\$ 494,469,883	\$ 45,837,298	\$ 6,702,309	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(3,171,887)	(6,598,174)	(380,558)
32		A & G	Total O&M	(77,012,607)	(1,729,116)	(3,596,915)	(207,457)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(4,167,033)	(2,708,152)	(55,125)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(1,809,445)	(1,175,957)	(23,937)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 34,959,818	\$ (7,376,890)	\$ (667,077)
37		Interest Expense	1.1	(33,627,705)	(1,461,674)	(949,941)	(19,336)
38		State Taxable Income		\$ 102,705,943	\$ 33,498,144	\$ (8,326,831)	\$ (686,413)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 1,842,398	\$ (457,976)	\$ (37,753)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 1,842,398	\$ (457,976)	\$ (37,753)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 34,959,818	\$ (7,376,890)	\$ (667,077)
43		Interest Expense	1.1	(33,627,705)	(1,461,674)	(949,941)	(19,336)
44		Federal Taxable Income		\$ 102,705,943	\$ 33,498,144	\$ (8,326,831)	\$ (686,413)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 11,079,511	\$ (2,754,099)	\$ (227,031)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(22,966)	(14,926)	(304)
47		South Georgia Federal	1.1	94,833	4,122	2,679	55
48		Total Federal Income Tax		\$ 33,536,464	\$ 11,060,667	\$ (2,766,346)	\$ (227,280)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 22,056,753	\$ (4,152,568)	\$ (402,044)
51		Rate of Return on Rate Base		5.36%	26.81%	-7.84%	-37.28%
52		Rate of Return by Class Total				12.84%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-2 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 1,019	\$ 278	\$ 13
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	1,083,216	295,328	13,967
3	389 - 398	General Plant	1.1	9,396,758	138,188	37,676	1,782
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 1,222,422</u>	<u>\$ 333,282</u>	<u>\$ 15,762</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 136,790	\$ 37,294	\$ 1,764
6		General Plant	1.1	3,494,682	51,392	14,012	663
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 188,182</u>	<u>\$ 51,306</u>	<u>\$ 2,426</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 51,392	\$ 14,012	\$ 663
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 1,410,605</u>	<u>\$ 384,588</u>	<u>\$ 18,188</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (779)	\$ (212)	\$ (10)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (779)</u>	<u>\$ (212)</u>	<u>\$ (10)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 1,409,826</u>	<u>\$ 384,375</u>	<u>\$ 18,178</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	73,607
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 73,607</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering Labor & Labor Loading	5.5	\$ 10,398,332	\$ 72,480	\$ 132,697	\$ 8,472
20		Materials & Expenses	5.5	1,362,345	9,496	17,385	1,110
21	871.00	Distribution Load Dispatching Labor & Labor Loading	3.0	497,694	0	0	27,228
22		Materials & Expenses	3.0	51,760	0	0	2,832
23	874.00	Mains and Services Expenses Labor & Labor Loading	4.4	5,679,634	99,291	4,099	0
24		Materials & Expenses	4.4	5,178,603	90,532	3,738	0
25	875.00	Measuring & Regulating Exps. - General Labor & Labor Loading	2.2	2,279,348	51,632	456	0
26		Materials & Expenses	2.2	694,302	15,727	139	0
27	878.00	Meter and House Regulator Expenses Labor & Labor Loading	6.0	7,680,533	0	157,743	0
28		Materials & Expenses	6.0	2,495,735	0	51,258	0
29	879.00	Customer Installation Expense Labor & Labor Loading	6.0	10,976,535	0	225,437	0
30		Materials & Expenses	6.0	1,362,655	0	27,986	0
31	880.00	Other Expenses Labor & Labor Loading	5.5	9,572,772	66,725	122,162	7,799
32		Materials & Expenses	5.5	5,078,829	35,401	64,813	4,138
33	881.00	Rents	5.5	377,364	2,630	4,816	307
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 443,914</u>	<u>\$ 812,728</u>	<u>\$ 51,886</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 443,914</u>	<u>\$ 812,728</u>	<u>\$ 125,492</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-2 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 36,568	\$ 7,860	\$ 0
2		Materials & Expenses	6.6	305,666	4,026	865	0
	886.00	Maintenance of Structures & Improvement					
3		Labor & Labor Loading	1.0	2,448	111	0	0
4		Materials & Expenses	1.0	93,692	4,245	0	0
	887.00	Maintenance of Mains					
5		Labor & Labor Loading	2.2	10,529,257	238,510	2,105	0
6		Materials & Expenses	2.2	12,562,563	284,568	2,512	0
	889.00	Maintenance of Measuring & Reg. Station Equip.					
7		Labor & Labor Loading	2.2	1,662,175	37,652	332	0
8		Materials & Expenses	2.2	752,700	17,050	150	0
	892.00	Maintenance of Services					
9		Labor & Labor Loading	3.3	6,801,487	0	16,910	0
10		Materials & Expenses	3.3	7,492,159	0	18,627	0
	893.00	Maintenance of Meter & House Regulators					
11		Labor & Labor Loading	6.0	2,219,907	0	45,593	0
12		Materials & Expenses	6.0	1,848,560	0	37,966	0
	894.00	Maintenance of Other Equipment					
13		Labor & Labor Loading	6.6	308,347	4,061	873	0
14		Materials & Expenses	6.6	184,886	2,435	523	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 629,226	\$ 134,317	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 1,073,140	\$ 947,045	\$ 125,492
		<u>Customer Accounts Expenses</u>					
	901.00	Supervision Expenses					
17		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 12,025	\$ 0
18		Materials & Expenses	10.1	42,826	0	292	0
	902.00	Meter Reading Expenses					
19		Labor & Labor Loading	11.0	1,429,985	0	572	0
20		Materials & Expenses	11.0	273,434	0	109	0
	903.00	Customer Records & Collections Expenses					
21		Labor & Labor Loading	4.0	8,134,453	0	3,253	0
22		Materials & Expenses	4.0	12,530,118	0	5,010	0
	903.00	Customer Records & Collections - KAM					
23		Labor & Labor Loading - KAM	15.0	1,112,184	0	156,439	0
24		Materials & Expenses - KAM	15.0	70,691	0	9,943	0
25	904.00	Uncollectible Accounts Expense	4.0	2,272,445	0	909	0
	905.00	Miscellaneous Customer Accounts Expenses					
26		Labor & Labor Loading	10.1	186,331	0	1,272	0
27		Materials & Expenses	10.1	12,641	0	86	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 189,910	\$ 0
		<u>Customer Service & Informational Expenses</u>					
	908.00	Customer Assistance Expense					
29		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 200	\$ 0
30		Materials & Expenses	4.0	24,503	0	10	0
	909.00	Info. & Instructional Advertising Expense					
31		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
	910.00	Misc. Customer Service & Informational Expenses					
33		Labor & Labor Loading	4.0	12,136	0	5	0
34		Materials & Expenses	4.0	335,002	0	134	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 349	\$ 0
		<u>Sales Expense</u>					
	911.00	Supervision					
36		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
	912.00	Demonstrating & Selling Expense					
38		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
	913.00	Advertising Expenses					
40		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 1,073,140	\$ 1,137,304	\$ 125,492
44		Allocation Percentage	Total O&M	100.00%	0.76%	0.81%	0.09%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Large-2 General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 585,009	\$ 619,987	\$ 68,411
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	612,187	166,907	7,893
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 2,270,336	\$ 1,924,198	\$ 201,796
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 494,526	\$ 134,828	\$ 6,376
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(7,770)	(2,118)	(100)
8		South Georgia - Federal	1.1	94,833	1,395	380	18
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	33,849,008	9,228,605	436,441
10		Total Common Systems Allocable Net Plant		77,224,813	1,135,661	309,627	14,643
11		Cash Working Capital	1.1	(4,113,676)	(31,249)	(33,117)	(3,654)
12		Materials & Supplies	1.1	15,364,326	225,946	61,602	2,913
13		Prepayments	1.1	6,885,291	101,254	27,606	1,306
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(7,916)	0
16		Customer Advances	9.0	(38,815,661)	0	(7,827)	0
17		Deferred Taxes	1.1	(506,604,924)	(7,450,086)	(2,031,194)	(96,060)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 27,830,535	\$ 7,547,387	\$ 355,589
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 10,471,973	\$ 2,331,670	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	79,027	17,596	0
22		Late Charges	12.0	1,737,690	0	32,406	0
23		Service Establishment Charges	9.0	7,197,672	0	1,451	0
24		Reconnect / Reread Charges	9.0	240,946	0	49	0
25		Other Revenue - Labor	Net Op Margin	5,775	126	28	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	23	5	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	2,272	506	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	70	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	16,950	3,774	0
30		Total Revenue		\$ 494,469,883	\$ 10,570,371	\$ 2,387,555	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(1,073,140)	(1,137,304)	(125,492)
32		A & G	Total O&M	(77,012,607)	(585,009)	(619,987)	(68,411)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(1,409,826)	(384,375)	(18,178)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(612,187)	(166,907)	(7,893)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 6,890,210	\$ 78,982	\$ (219,974)
37		Interest Expense	1.1	(33,627,705)	(494,526)	(134,828)	(6,376)
38		State Taxable Income		\$ 102,705,943	\$ 6,395,684	\$ (55,846)	\$ (226,350)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 351,763	\$ (3,072)	\$ (12,449)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 351,763	\$ (3,072)	\$ (12,449)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 6,890,210	\$ 78,982	\$ (219,974)
43		Interest Expense	1.1	(33,627,705)	(494,526)	(134,828)	(6,376)
44		Federal Taxable Income		\$ 102,705,943	\$ 6,395,684	\$ (55,846)	\$ (226,350)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 2,115,372	\$ (18,471)	\$ (74,865)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(7,770)	(2,118)	(100)
47		South Georgia Federal	1.1	94,833	1,395	380	18
48		Total Federal Income Tax		\$ 33,536,464	\$ 2,108,997	\$ (20,209)	\$ (74,948)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 4,429,450	\$ 102,263	\$ (132,577)
51		Rate of Return on Rate Base		5.36%	15.92%	1.35%	-37.28%
52		Rate of Return by Class Total				12.31%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Transportation Eligible General		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 2,908	\$ 443	\$ 45
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	3,092,941	470,613	48,144
3	389 - 398	General Plant	1.1	9,396,758	394,572	60,037	6,142
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 3,490,421</u>	<u>\$ 531,093</u>	<u>\$ 54,332</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 390,580	\$ 59,430	\$ 6,080
6		General Plant	1.1	3,494,682	146,743	22,328	2,284
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 537,323</u>	<u>\$ 81,757</u>	<u>\$ 8,364</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 146,743	\$ 22,328	\$ 2,284
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 4,027,744</u>	<u>\$ 612,850</u>	<u>\$ 62,695</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (2,223)	\$ (338)	\$ (35)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (2,223)</u>	<u>\$ (338)</u>	<u>\$ (35)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 4,025,521</u>	<u>\$ 612,512</u>	<u>\$ 62,661</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	253,728
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 253,728</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 206,953	\$ 226,875	\$ 29,202
20		Materials & Expenses	5.5	1,362,345	27,114	29,724	3,826
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	93,858
22		Materials & Expenses	3.0	51,760	0	0	9,761
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	283,508	3,328	0
24		Materials & Expenses	4.4	5,178,603	258,498	3,035	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	147,427	218	0
26		Materials & Expenses	2.2	694,302	44,907	66	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	272,346	0
28		Materials & Expenses	6.0	2,495,735	0	88,497	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	389,220	0
30		Materials & Expenses	6.0	1,362,655	0	48,319	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	190,522	208,863	26,884
32		Materials & Expenses	5.5	5,078,829	101,082	110,812	14,263
33	881.00	Rents	5.5	377,364	7,511	8,233	1,060
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 1,267,521</u>	<u>\$ 1,389,538</u>	<u>\$ 178,854</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 1,267,521</u>	<u>\$ 1,389,538</u>	<u>\$ 432,582</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Transportation Eligible General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Maintenance Expenses</u>							
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 104,414	\$ 11,315	\$ 0
2		Materials & Expenses	6.6	305,666	11,495	1,246	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	317	0	0
4		Materials & Expenses	1.0	93,692	12,120	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	681,025	1,008	0
6		Materials & Expenses	2.2	12,562,563	812,537	1,203	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	107,508	159	0
8		Materials & Expenses	2.2	752,700	48,684	72	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	15,260	0
10		Materials & Expenses	3.3	7,492,159	0	16,809	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	78,716	0
12		Materials & Expenses	6.0	1,848,560	0	65,549	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	11,596	1,257	0
14		Materials & Expenses	6.6	184,886	6,953	753	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 1,796,649	\$ 193,347	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 3,064,170	\$ 1,582,884	\$ 432,582
<u>Customer Accounts Expenses</u>							
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 24,092	\$ 0
18		Materials & Expenses	10.1	42,826	0	586	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	274	0
20		Materials & Expenses	11.0	273,434	0	52	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	1,558	0
22		Materials & Expenses	4.0	12,530,118	0	2,400	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	327,544	0
24		Materials & Expenses - KAM	15.0	70,691	0	20,819	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	435	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	2,548	0
27		Materials & Expenses	10.1	12,641	0	173	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 380,480	\$ 0
<u>Customer Service & Informational Expenses</u>							
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 96	\$ 0
30		Materials & Expenses	4.0	24,503	0	5	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	2	0
34		Materials & Expenses	4.0	335,002	0	64	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 167	\$ 0
<u>Sales Expense</u>							
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 3,064,170	\$ 1,963,531	\$ 432,582
44		Allocation Percentage	Total O&M	100.00%	2.17%	1.39%	0.31%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Transportation Eligible General		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 1,670,395	\$ 1,070,395	\$ 235,817
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	1,747,996	265,970	27,209
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 6,482,561	\$ 3,299,897	\$ 695,609
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 1,412,036	\$ 214,851	\$ 21,980
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(22,186)	(3,376)	(345)
8		South Georgia - Federal	1.1	94,833	3,982	606	62
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	96,650,137	14,706,013	1,504,447
10		Total Common Systems Allocable Net Plant		77,224,813	3,242,689	493,398	50,475
11		Cash Working Capital	1.1	(4,113,676)	(89,225)	(57,176)	(12,596)
12		Materials & Supplies	1.1	15,364,326	645,152	98,164	10,042
13		Prepayments	1.1	6,885,291	289,115	43,991	4,500
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(1,266)	0
16		Customer Advances	9.0	(38,815,661)	0	(1,252)	0
17		Deferred Taxes	1.1	(506,604,924)	(21,272,465)	(3,236,759)	(331,125)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 79,465,402	\$ 12,045,114	\$ 1,225,744
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 29,653,992	\$ 2,257,200	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	223,784	17,034	0
22		Late Charges	12.0	1,737,690	0	34,698	0
23		Service Establishment Charges	9.0	7,197,672	0	232	0
24		Reconnect / Reread Charges	9.0	240,946	0	8	0
25		Other Revenue - Labor	Net Op Margin	5,775	357	27	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	65	5	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	6,434	490	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	14	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	47,999	3,654	0
30		Total Revenue		\$ 494,469,883	\$ 29,932,631	\$ 2,313,361	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(3,064,170)	(1,963,531)	(432,582)
32		A & G	Total O&M	(77,012,607)	(1,670,395)	(1,070,395)	(235,817)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(4,025,521)	(612,512)	(62,661)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(1,747,996)	(265,970)	(27,209)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 19,424,550	\$ (1,599,047)	\$ (758,270)
37		Interest Expense	1.1	(33,627,705)	(1,412,036)	(214,851)	(21,980)
38		State Taxable Income		\$ 102,705,943	\$ 18,012,514	\$ (1,813,899)	\$ (780,249)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 990,688	\$ (99,764)	\$ (42,914)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 990,688	\$ (99,764)	\$ (42,914)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 19,424,550	\$ (1,599,047)	\$ (758,270)
43		Interest Expense	1.1	(33,627,705)	(1,412,036)	(214,851)	(21,980)
44		Federal Taxable Income		\$ 102,705,943	\$ 18,012,514	\$ (1,813,899)	\$ (780,249)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 5,957,639	\$ (599,947)	\$ (258,067)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(22,186)	(3,376)	(345)
47		South Georgia Federal	1.1	94,833	3,982	606	62
48		Total Federal Income Tax		\$ 33,536,464	\$ 5,939,435	\$ (602,717)	\$ (258,351)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 12,494,426	\$ (896,566)	\$ (457,005)
51		Rate of Return on Rate Base		5.36%	15.72%	-7.44%	-37.28%
52		Rate of Return by Class Total				12.01%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Air Conditioning		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 5	\$ 2	\$ 0
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	4,889	1,726	206
3	389 - 398	General Plant	1.1	9,396,758	624	220	26
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 5,517</u>	<u>\$ 1,947</u>	<u>\$ 232</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 617	\$ 218	\$ 26
6		General Plant	1.1	3,494,682	232	82	10
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 849</u>	<u>\$ 300</u>	<u>\$ 36</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 232	\$ 82	\$ 10
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 6,366</u>	<u>\$ 2,247</u>	<u>\$ 268</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (4)	\$ (1)	\$ (0)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (4)</u>	<u>\$ (1)</u>	<u>\$ (0)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 6,363</u>	<u>\$ 2,246</u>	<u>\$ 268</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	1,086
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 1,086</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 327	\$ 364	\$ 125
20		Materials & Expenses	5.5	1,362,345	43	48	16
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	402
22		Materials & Expenses	3.0	51,760	0	0	42
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	448	109	0
24		Materials & Expenses	4.4	5,178,603	409	100	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	233	24	0
26		Materials & Expenses	2.2	694,302	71	7	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	359	0
28		Materials & Expenses	6.0	2,495,735	0	116	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	512	0
30		Materials & Expenses	6.0	1,362,655	0	64	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	301	335	115
32		Materials & Expenses	5.5	5,078,829	160	178	61
33	881.00	Rents	5.5	377,364	12	13	5
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 2,003</u>	<u>\$ 2,229</u>	<u>\$ 765</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 2,003</u>	<u>\$ 2,229</u>	<u>\$ 1,851</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Air Conditioning		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		<u>Maintenance Expenses</u>					
	885.00	Maintenance Supervision & Engineering					
1		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 165	\$ 73	\$ 0
2		Materials & Expenses	6.6	305,666	18	8	0
	886.00	Maintenance of Structures & Improvement					
3		Labor & Labor Loading	1.0	2,448	1	0	0
4		Materials & Expenses	1.0	93,692	19	0	0
	887.00	Maintenance of Mains					
5		Labor & Labor Loading	2.2	10,529,257	1,076	112	0
6		Materials & Expenses	2.2	12,562,563	1,284	134	0
	889.00	Maintenance of Measuring & Reg. Station Equip.					
7		Labor & Labor Loading	2.2	1,662,175	170	18	0
8		Materials & Expenses	2.2	752,700	77	8	0
	892.00	Maintenance of Services					
9		Labor & Labor Loading	3.3	6,801,487	0	328	0
10		Materials & Expenses	3.3	7,492,159	0	361	0
	893.00	Maintenance of Meter & House Regulators					
11		Labor & Labor Loading	6.0	2,219,907	0	104	0
12		Materials & Expenses	6.0	1,848,560	0	86	0
	894.00	Maintenance of Other Equipment					
13		Labor & Labor Loading	6.6	308,347	18	8	0
14		Materials & Expenses	6.6	184,886	11	5	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 2,840	\$ 1,244	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 4,843	\$ 3,473	\$ 1,851
		<u>Customer Accounts Expenses</u>					
	901.00	Supervision Expenses					
17		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 36	\$ 0
18		Materials & Expenses	10.1	42,826	0	1	0
	902.00	Meter Reading Expenses					
19		Labor & Labor Loading	11.0	1,429,985	0	30	0
20		Materials & Expenses	11.0	273,434	0	6	0
	903.00	Customer Records & Collections Expenses					
21		Labor & Labor Loading	4.0	8,134,453	0	173	0
22		Materials & Expenses	4.0	12,530,118	0	267	0
	903.00	Customer Records & Collections - KAM					
23		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense	4.0	2,272,445	0	48	0
	905.00	Miscellaneous Customer Accounts Expenses					
26		Labor & Labor Loading	10.1	186,331	0	4	0
27		Materials & Expenses	10.1	12,641	0	0	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 565	\$ 0
		<u>Customer Service & Informational Expenses</u>					
	908.00	Customer Assistance Expense					
29		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 11	\$ 0
30		Materials & Expenses	4.0	24,503	0	1	0
	909.00	Info. & Instructional Advertising Expense					
31		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
	910.00	Misc. Customer Service & Informational Expenses					
33		Labor & Labor Loading	4.0	12,136	0	0	0
34		Materials & Expenses	4.0	335,002	0	7	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 19	\$ 0
		<u>Sales Expense</u>					
	911.00	Supervision					
36		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
	912.00	Demonstrating & Selling Expense					
38		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
	913.00	Advertising Expenses					
40		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 4,843	\$ 4,056	\$ 1,851
44		Allocation Percentage	Total O&M	100.00%	0.00%	0.00%	0.00%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Air Conditioning		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 2,640	\$ 2,211	\$ 1,009
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	2,763	975	116
4		Total Allocated Operating Deductions		<u>\$ 262,268,244</u>	<u>\$ 10,246</u>	<u>\$ 7,243</u>	<u>\$ 2,977</u>
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 2,232	\$ 788	\$ 94
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(35)	(12)	(1)
8		South Georgia - Federal	1.1	94,833	6	2	0
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	152,766	53,921	6,438
10		Total Common Systems Allocable Net Plant		77,224,813	5,125	1,809	216
11		Cash Working Capital	1.1	(4,113,676)	(141)	(118)	(54)
12		Materials & Supplies	1.1	15,364,326	1,020	360	43
13		Prepayments	1.1	6,885,291	457	161	19
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(317)	0
16		Customer Advances	9.0	(38,815,661)	0	(313)	0
17		Deferred Taxes	1.1	(506,604,924)	(33,623)	(11,868)	(1,417)
18		Other	1.1	0	0	0	0
19		Total Rate Base		<u>\$ 1,812,414,666</u>	<u>\$ 125,604</u>	<u>\$ 43,635</u>	<u>\$ 5,245</u>
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 70,001	\$ 7,020	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	528	53	0
22		Late Charges	12.0	1,737,690	0	14	0
23		Service Establishment Charges	9.0	7,197,672	0	58	0
24		Reconnect / Reread Charges	9.0	240,946	0	2	0
25		Other Revenue - Labor	Net Op Margin	5,775	1	0	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	0	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	15	2	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	0	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	113	11	0
30		Total Revenue		<u>\$ 494,469,883</u>	<u>\$ 70,659</u>	<u>\$ 7,160</u>	<u>\$ 0</u>
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(4,843)	(4,056)	(1,851)
32		A & G	Total O&M	(77,012,607)	(2,640)	(2,211)	(1,009)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(6,363)	(2,246)	(268)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(2,763)	(975)	(116)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 54,050	\$ (2,329)	\$ (3,245)
37		Interest Expense	1.1	(33,627,705)	(2,232)	(788)	(94)
38		State Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 51,818</u>	<u>\$ (3,117)</u>	<u>\$ (3,339)</u>
39		State Income Tax	5.500%	\$ 5,648,827	\$ 2,850	\$ (171)	\$ (184)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		<u>\$ 5,648,827</u>	<u>\$ 2,850</u>	<u>\$ (171)</u>	<u>\$ (184)</u>
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 54,050	\$ (2,329)	\$ (3,245)
43		Interest Expense	1.1	(33,627,705)	(2,232)	(788)	(94)
44		Federal Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 51,818</u>	<u>\$ (3,117)</u>	<u>\$ (3,339)</u>
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 17,139	\$ (1,031)	\$ (1,104)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(35)	(12)	(1)
47		South Georgia Federal	1.1	94,833	6	2	0
48		Total Federal Income Tax		<u>\$ 33,536,464</u>	<u>\$ 17,110</u>	<u>\$ (1,041)</u>	<u>\$ (1,106)</u>
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		<u>\$ 97,148,358</u>	<u>\$ 34,090</u>	<u>\$ (1,117)</u>	<u>\$ (1,956)</u>
51		Rate of Return on Rate Base		<u>5.36%</u>	<u>27.14%</u>	<u>-2.56%</u>	<u>-37.28%</u>
52		Rate of Return by Class Total				<u>17.78%</u>	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Street Lighting		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
Direct							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 0	\$ 2	\$ 0
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	177	2,201	3
3	389 - 398	General Plant	1.1	9,396,758	23	281	0
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 199	\$ 2,484	\$ 4
System Allocable Amortization							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 22	\$ 278	\$ 0
6		General Plant	1.1	3,494,682	8	104	0
7		Total System Allocable Amortization		\$ 12,796,366	\$ 31	\$ 382	\$ 1
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 8	\$ 104	\$ 0
9		Total Depreciation Expense		\$ 95,920,934	\$ 230	\$ 2,866	\$ 5
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (0)	\$ (2)	\$ (0)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (0)	\$ (2)	\$ (0)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 230	\$ 2,864	\$ 5
Operation and Maintenance Expense							
Gas Supply Expenses							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	18
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 18
Distribution Expenses - Operation							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 12	\$ 140	\$ 2
20		Materials & Expenses	5.5	1,362,345	2	18	0
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	7
22		Materials & Expenses	3.0	51,760	0	0	1
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	16	205	0
24		Materials & Expenses	4.4	5,178,603	15	187	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	8	79	0
26		Materials & Expenses	2.2	694,302	3	24	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	0	0
28		Materials & Expenses	6.0	2,495,735	0	0	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	0	0
30		Materials & Expenses	6.0	1,362,655	0	0	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	11	129	2
32		Materials & Expenses	5.5	5,078,829	6	68	1
33	881.00	Rents	5.5	377,364	0	5	0
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 72	\$ 856	\$ 13
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 72	\$ 856	\$ 31

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Street Lighting		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		<u>Maintenance Expenses</u>					
	885.00	Maintenance Supervision & Engineering					
1		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 6	\$ 93	\$ 0
2		Materials & Expenses	6.6	305,666	1	10	0
	886.00	Maintenance of Structures & Improvement					
3		Labor & Labor Loading	1.0	2,448	0	0	0
4		Materials & Expenses	1.0	93,692	1	0	0
	887.00	Maintenance of Mains					
5		Labor & Labor Loading	2.2	10,529,257	39	367	0
6		Materials & Expenses	2.2	12,562,563	46	437	0
	889.00	Maintenance of Measuring & Reg. Station Equip.					
7		Labor & Labor Loading	2.2	1,662,175	6	58	0
8		Materials & Expenses	2.2	752,700	3	26	0
	892.00	Maintenance of Services					
9		Labor & Labor Loading	3.3	6,801,487	0	276	0
10		Materials & Expenses	3.3	7,492,159	0	304	0
	893.00	Maintenance of Meter & House Regulators					
11		Labor & Labor Loading	6.0	2,219,907	0	0	0
12		Materials & Expenses	6.0	1,848,560	0	0	0
	894.00	Maintenance of Other Equipment					
13		Labor & Labor Loading	6.6	308,347	1	10	0
14		Materials & Expenses	6.6	184,886	0	6	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 103	\$ 1,587	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 175	\$ 2,442	\$ 31
		<u>Customer Accounts Expenses</u>					
	901.00	Supervision Expenses					
17		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 117	\$ 0
18		Materials & Expenses	10.1	42,826	0	3	0
	902.00	Meter Reading Expenses					
19		Labor & Labor Loading	11.0	1,429,985	0	100	0
20		Materials & Expenses	11.0	273,434	0	19	0
	903.00	Customer Records & Collections Expenses					
21		Labor & Labor Loading	4.0	8,134,453	0	566	0
22		Materials & Expenses	4.0	12,530,118	0	873	0
	903.00	Customer Records & Collections - KAM					
23		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense	4.0	2,272,445	0	158	0
	905.00	Miscellaneous Customer Accounts Expenses					
26		Labor & Labor Loading	10.1	186,331	0	12	0
27		Materials & Expenses	10.1	12,641	0	1	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 1,849	\$ 0
		<u>Customer Service & Informational Expenses</u>					
	908.00	Customer Assistance Expense					
29		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 35	\$ 0
30		Materials & Expenses	4.0	24,503	0	2	0
	909.00	Info. & Instructional Advertising Expense					
31		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
	910.00	Misc. Customer Service & Informational Expenses					
33		Labor & Labor Loading	4.0	12,136	0	1	0
34		Materials & Expenses	4.0	335,002	0	23	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 61	\$ 0
		<u>Sales Expense</u>					
	911.00	Supervision					
36		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
	912.00	Demonstrating & Selling Expense					
38		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
	913.00	Advertising Expenses					
40		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 175	\$ 4,352	\$ 31
44		Allocation Percentage	Total O&M	100.00%	0.00%	0.00%	0.00%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Street Lighting		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 95	\$ 2,372	\$ 17
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	100	1,244	2
4		Total Allocated Operating Deductions		<u>\$ 262,268,244</u>	<u>\$ 370</u>	<u>\$ 7,968</u>	<u>\$ 50</u>
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 81	\$ 1,005	\$ 2
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1)	(16)	(0)
8		South Georgia - Federal	1.1	94,833	0	3	0
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	5,520	68,772	109
10		Total Common Systems Allocable Net Plant		77,224,813	185	2,307	4
11		Cash Working Capital	1.1	(4,113,676)	(5)	(127)	(1)
12		Materials & Supplies	1.1	15,364,326	37	459	1
13		Prepayments	1.1	6,885,291	17	206	0
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(633)	0
16		Customer Advances	9.0	(38,815,661)	0	(626)	0
17		Deferred Taxes	1.1	(506,604,924)	(1,215)	(15,137)	(24)
18		Other	1.1	0	0	0	0
19		Total Rate Base		<u>\$ 1,812,414,666</u>	<u>\$ 4,538</u>	<u>\$ 55,222</u>	<u>\$ 89</u>
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 6,286	\$ 0	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	47	0	0
22		Late Charges	12.0	1,737,690	0	173	0
23		Service Establishment Charges	9.0	7,197,672	0	116	0
24		Reconnect / Reread Charges	9.0	240,946	0	4	0
25		Other Revenue - Labor	Net Op Margin	5,775	0	0	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	0	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	1	0	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	0	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	10	0	0
30		Total Revenue		<u>\$ 494,469,883</u>	<u>\$ 6,345</u>	<u>\$ 293</u>	<u>\$ 0</u>
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(175)	(4,352)	(31)
32		A & G	Total O&M	(77,012,607)	(95)	(2,372)	(17)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(230)	(2,864)	(5)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(100)	(1,244)	(2)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 5,745	\$ (10,540)	\$ (55)
37		Interest Expense	1.1	(33,627,705)	(81)	(1,005)	(2)
38		State Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 5,664</u>	<u>\$ (11,545)</u>	<u>\$ (57)</u>
39		State Income Tax	5.500%	\$ 5,648,827	\$ 312	\$ (635)	\$ (3)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		<u>\$ 5,648,827</u>	<u>\$ 312</u>	<u>\$ (635)</u>	<u>\$ (3)</u>
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 5,745	\$ (10,540)	\$ (55)
43		Interest Expense	1.1	(33,627,705)	(81)	(1,005)	(2)
44		Federal Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 5,664</u>	<u>\$ (11,545)</u>	<u>\$ (57)</u>
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 1,873	\$ (3,818)	\$ (19)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(1)	(16)	(0)
47		South Georgia Federal	1.1	94,833	0	3	0
48		Total Federal Income Tax		<u>\$ 33,536,464</u>	<u>\$ 1,872</u>	<u>\$ (3,831)</u>	<u>\$ (19)</u>
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		<u>\$ 97,148,358</u>	<u>\$ 3,561</u>	<u>\$ (6,074)</u>	<u>\$ (33)</u>
51		Rate of Return on Rate Base		<u>5.36%</u>	<u>78.47%</u>	<u>-11.00%</u>	<u>-37.28%</u>
52		Rate of Return by Class Total				<u>-4.25%</u>	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Compression on Customer's Premises		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 106	\$ 15	\$ 2
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	113,076	16,470	2,344
3	389 - 398	General Plant	1.1	9,396,758	14,425	2,101	299
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 127,607	\$ 18,586	\$ 2,646
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 14,279	\$ 2,080	\$ 296
6		General Plant	1.1	3,494,682	5,365	781	111
7		Total System Allocable Amortization		\$ 12,796,366	\$ 19,644	\$ 2,861	\$ 407
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 5,365	\$ 781	\$ 111
9		Total Depreciation Expense		\$ 95,920,934	\$ 147,251	\$ 21,448	\$ 3,053
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (81)	\$ (12)	\$ (2)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (81)	\$ (12)	\$ (2)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 147,170	\$ 21,436	\$ 3,051
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	12,355
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 12,355
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 7,566	\$ 4,782	\$ 1,422
20		Materials & Expenses	5.5	1,362,345	991	626	186
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	4,570
22		Materials & Expenses	3.0	51,760	0	0	475
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	10,365	773	0
24		Materials & Expenses	4.4	5,178,603	9,450	705	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	5,390	110	0
26		Materials & Expenses	2.2	694,302	1,642	34	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	5,235	0
28		Materials & Expenses	6.0	2,495,735	0	1,701	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	7,481	0
30		Materials & Expenses	6.0	1,362,655	0	929	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	6,965	4,402	1,309
32		Materials & Expenses	5.5	5,078,829	3,695	2,336	695
33	881.00	Rents	5.5	377,364	275	174	52
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 46,340	\$ 29,286	\$ 8,709
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 46,340	\$ 29,286	\$ 21,064

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Compression on Customer's Premises		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 3,817	\$ 645	\$ 0
2		Materials & Expenses	6.6	305,666	420	71	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	12	0	0
4		Materials & Expenses	1.0	93,692	443	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	24,898	509	0
6		Materials & Expenses	2.2	12,562,563	29,706	608	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	3,930	80	0
8		Materials & Expenses	2.2	752,700	1,780	36	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	2,943	0
10		Materials & Expenses	3.3	7,492,159	0	3,241	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	1,513	0
12		Materials & Expenses	6.0	1,848,560	0	1,260	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	424	72	0
14		Materials & Expenses	6.6	184,886	254	43	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 65,684	\$ 11,021	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 112,024	\$ 40,307	\$ 21,064
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 2,646	\$ 0
18		Materials & Expenses	10.1	42,826	0	64	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	138	0
20		Materials & Expenses	11.0	273,434	0	26	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	787	0
22		Materials & Expenses	4.0	12,530,118	0	1,212	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	34,221	0
24		Materials & Expenses - KAM	15.0	70,691	0	2,175	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	220	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	280	0
27		Materials & Expenses	10.1	12,641	0	19	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 41,788	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 48	\$ 0
30		Materials & Expenses	4.0	24,503	0	2	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	1	0
34		Materials & Expenses	4.0	335,002	0	32	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 84	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 112,024	\$ 82,180	\$ 21,064
44		Allocation Percentage	Total O&M	100.00%	0.08%	0.06%	0.01%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Compression on Customer's Premises		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 61,068	\$ 44,800	\$ 11,483
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	63,905	9,308	1,325
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 236,997	\$ 136,288	\$ 33,872
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 51,623	\$ 7,519	\$ 1,070
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(811)	(118)	(17)
8		South Georgia - Federal	1.1	94,833	146	21	3
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	3,533,455	514,659	73,258
10		Total Common Systems Allocable Net Plant		77,224,813	118,550	17,267	2,458
11		Cash Working Capital	1.1	(4,113,676)	(3,262)	(2,393)	(613)
12		Materials & Supplies	1.1	15,364,326	23,586	3,435	489
13		Prepayments	1.1	6,885,291	10,570	1,540	219
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(3,166)	0
16		Customer Advances	9.0	(38,815,661)	0	(3,131)	0
17		Deferred Taxes	1.1	(506,604,924)	(777,705)	(113,275)	(16,124)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 2,905,194	\$ 414,936	\$ 59,687
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 1,307,843	\$ 96,269	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	9,870	726	0
22		Late Charges	12.0	1,737,690	0	3,585	0
23		Service Establishment Charges	9.0	7,197,672	0	581	0
24		Reconnect / Reread Charges	9.0	240,946	0	19	0
25		Other Revenue - Labor	Net Op Margin	5,775	16	1	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	3	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	284	21	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	14	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	2,117	156	0
30		Total Revenue		\$ 494,469,883	\$ 1,320,132	\$ 101,373	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(112,024)	(82,180)	(21,064)
32		A & G	Total O&M	(77,012,607)	(61,068)	(44,800)	(11,483)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(147,170)	(21,436)	(3,051)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(63,905)	(9,308)	(1,325)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 935,965	\$ (56,351)	\$ (36,924)
37		Interest Expense	1.1	(33,627,705)	(51,623)	(7,519)	(1,070)
38		State Taxable Income		\$ 102,705,943	\$ 884,342	\$ (63,870)	\$ (37,994)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 48,639	\$ (3,513)	\$ (2,090)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 48,639	\$ (3,513)	\$ (2,090)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 935,965	\$ (56,351)	\$ (36,924)
43		Interest Expense	1.1	(33,627,705)	(51,623)	(7,519)	(1,070)
44		Federal Taxable Income		\$ 102,705,943	\$ 884,342	\$ (63,870)	\$ (37,994)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 292,496	\$ (21,125)	\$ (12,566)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(811)	(118)	(17)
47		South Georgia Federal	1.1	94,833	146	21	3
48		Total Federal Income Tax		\$ 33,536,464	\$ 291,830	\$ (21,222)	\$ (12,580)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 595,495	\$ (31,616)	\$ (22,254)
51		Rate of Return on Rate Base		5.36%	20.50%	-7.62%	-37.28%
52		Rate of Return by Class Total				16.03%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Electric Generation		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 419	\$ 30	\$ 7
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	445,923	31,983	7,447
3	389 - 398	General Plant	1.1	9,396,758	56,887	4,080	950
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 503,230</u>	<u>\$ 36,093</u>	<u>\$ 8,404</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 56,312	\$ 4,039	\$ 940
6		General Plant	1.1	3,494,682	21,157	1,517	353
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 77,468</u>	<u>\$ 5,556</u>	<u>\$ 1,294</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 21,157	\$ 1,517	\$ 353
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 580,698</u>	<u>\$ 41,649</u>	<u>\$ 9,697</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (321)	\$ (23)	\$ (5)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (321)</u>	<u>\$ (23)</u>	<u>\$ (5)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 580,378</u>	<u>\$ 41,626</u>	<u>\$ 9,692</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	39,245
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 39,245</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 29,837	\$ 15,184	\$ 4,517
20		Materials & Expenses	5.5	1,362,345	3,909	1,989	592
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	14,517
22		Materials & Expenses	3.0	51,760	0	0	1,510
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	40,875	275	0
24		Materials & Expenses	4.4	5,178,603	37,269	250	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	21,255	26	0
26		Materials & Expenses	2.2	694,302	6,474	8	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	18,188	0
28		Materials & Expenses	6.0	2,495,735	0	5,910	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	25,994	0
30		Materials & Expenses	6.0	1,362,655	0	3,227	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	27,468	13,979	4,158
32		Materials & Expenses	5.5	5,078,829	14,573	7,416	2,206
33	881.00	Rents	5.5	377,364	1,083	551	164
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 182,744</u>	<u>\$ 92,998</u>	<u>\$ 27,664</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 182,744</u>	<u>\$ 92,998</u>	<u>\$ 66,909</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Electric Generation		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 15,054	\$ 785	\$ 0
2		Materials & Expenses	6.6	305,666	1,657	86	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	46	0	0
4		Materials & Expenses	1.0	93,692	1,747	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	98,186	122	0
6		Materials & Expenses	2.2	12,562,563	117,147	146	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	15,500	19	0
8		Materials & Expenses	2.2	752,700	7,019	9	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	1,174	0
10		Materials & Expenses	3.3	7,492,159	0	1,294	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	5,257	0
12		Materials & Expenses	6.0	1,848,560	0	4,378	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	1,672	87	0
14		Materials & Expenses	6.6	184,886	1,002	52	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 259,031	\$ 13,409	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 441,775	\$ 106,407	\$ 66,909
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 1,458	\$ 0
18		Materials & Expenses	10.1	42,826	0	35	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	33	0
20		Materials & Expenses	11.0	273,434	0	6	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	189	0
22		Materials & Expenses	4.0	12,530,118	0	291	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	19,555	0
24		Materials & Expenses - KAM	15.0	70,691	0	1,243	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	53	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	154	0
27		Materials & Expenses	10.1	12,641	0	10	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 23,028	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 12	\$ 0
30		Materials & Expenses	4.0	24,503	0	1	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	0	0
34		Materials & Expenses	4.0	335,002	0	8	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 20	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 441,775	\$ 129,456	\$ 66,909
44		Allocation Percentage	Total O&M	100.00%	0.31%	0.09%	0.05%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Electric Generation		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 240,828	\$ 70,571	\$ 36,475
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	252,017	18,075	4,209
4		Total Allocated Operating Deductions		\$ 262,268,244	\$ 934,620	\$ 218,102	\$ 107,592
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 203,580	\$ 14,601	\$ 3,400
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(3,199)	(229)	(53)
8		South Georgia - Federal	1.1	94,833	574	41	10
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	13,934,491	999,424	232,698
10		Total Common Systems Allocable Net Plant		77,224,813	467,513	33,531	7,807
11		Cash Working Capital	1.1	(4,113,676)	(12,864)	(3,770)	(1,948)
12		Materials & Supplies	1.1	15,364,326	93,014	6,671	1,553
13		Prepayments	1.1	6,885,291	41,683	2,990	696
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	0	0
16		Customer Advances	9.0	(38,815,661)	0	0	0
17		Deferred Taxes	1.1	(506,604,924)	(3,066,948)	(219,971)	(51,216)
18		Other	1.1	0	0	0	0
19		Total Rate Base		\$ 1,812,414,666	\$ 11,456,889	\$ 818,876	\$ 189,590
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 2,983,814	\$ 99,618	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	22,517	752	0
22		Late Charges	12.0	1,737,690	0	1,638	0
23		Service Establishment Charges	9.0	7,197,672	0	0	0
24		Reconnect / Reread Charges	9.0	240,946	0	0	0
25		Other Revenue - Labor	Net Op Margin	5,775	36	1	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	7	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	647	22	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	0	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	4,830	161	0
30		Total Revenue		\$ 494,469,883	\$ 3,011,851	\$ 102,192	\$ 0
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(441,775)	(129,456)	(66,909)
32		A & G	Total O&M	(77,012,607)	(240,828)	(70,571)	(36,475)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(580,378)	(41,626)	(9,692)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(252,017)	(18,075)	(4,209)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 1,496,853	\$ (157,536)	\$ (117,284)
37		Interest Expense	1.1	(33,627,705)	(203,580)	(14,601)	(3,400)
38		State Taxable Income		\$ 102,705,943	\$ 1,293,273	\$ (172,138)	\$ (120,684)
39		State Income Tax	5.500%	\$ 5,648,827	\$ 71,130	\$ (9,468)	\$ (6,638)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		\$ 5,648,827	\$ 71,130	\$ (9,468)	\$ (6,638)
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 1,496,853	\$ (157,536)	\$ (117,284)
43		Interest Expense	1.1	(33,627,705)	(203,580)	(14,601)	(3,400)
44		Federal Taxable Income		\$ 102,705,943	\$ 1,293,273	\$ (172,138)	\$ (120,684)
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 427,750	\$ (56,935)	\$ (39,916)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(3,199)	(229)	(53)
47		South Georgia Federal	1.1	94,833	574	41	10
48		Total Federal Income Tax		\$ 33,536,464	\$ 425,126	\$ (57,123)	\$ (39,960)
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		\$ 97,148,358	\$ 1,000,597	\$ (90,946)	\$ (70,686)
51		Rate of Return on Rate Base		5.36%	8.73%	-11.11%	-37.28%
52		Rate of Return by Class Total				6.73%	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small Essential Agricultural User		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 103	\$ 38	\$ 2
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	109,825	40,864	1,735
3	389 - 398	General Plant	1.1	9,396,758	14,011	5,213	221
4		Total Direct Depreciation Expense		<u>\$ 83,124,568</u>	<u>\$ 123,939</u>	<u>\$ 46,116</u>	<u>\$ 1,958</u>
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 13,869	\$ 5,160	\$ 219
6		General Plant	1.1	3,494,682	5,211	1,939	82
7		Total System Allocable Amortization		<u>\$ 12,796,366</u>	<u>\$ 19,079</u>	<u>\$ 7,099</u>	<u>\$ 301</u>
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 5,211	\$ 1,939	\$ 82
9		Total Depreciation Expense		<u>\$ 95,920,934</u>	<u>\$ 143,018</u>	<u>\$ 53,215</u>	<u>\$ 2,260</u>
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (79)	\$ (29)	\$ (1)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	<u>\$ (52,943)</u>	<u>\$ (79)</u>	<u>\$ (29)</u>	<u>\$ (1)</u>
13		Total Depreciation & Amortization Expense		<u>\$ 95,867,991</u>	<u>\$ 142,939</u>	<u>\$ 53,185</u>	<u>\$ 2,258</u>
Operation and Maintenance Expense							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	9,144
18		Total Gas Supply Expenses		<u>\$ 1,345,425</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 9,144</u>
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering Labor & Labor Loading	5.5	\$ 10,398,332	\$ 7,349	\$ 10,371	\$ 1,052
20		Materials & Expenses	5.5	1,362,345	963	1,359	138
21	871.00	Distribution Load Dispatching Labor & Labor Loading	3.0	497,694	0	0	3,383
22		Materials & Expenses	3.0	51,760	0	0	352
23	874.00	Mains and Services Expenses Labor & Labor Loading	4.4	5,679,634	10,067	2,237	0
24		Materials & Expenses	4.4	5,178,603	9,179	2,040	0
25	875.00	Measuring & Regulating Exps. - General Labor & Labor Loading	2.2	2,279,348	5,235	89	0
26		Materials & Expenses	2.2	694,302	1,595	27	0
27	878.00	Meter and House Regulator Expenses Labor & Labor Loading	6.0	7,680,533	0	11,054	0
28		Materials & Expenses	6.0	2,495,735	0	3,592	0
29	879.00	Customer Installation Expense Labor & Labor Loading	6.0	10,976,535	0	15,798	0
30		Materials & Expenses	6.0	1,362,655	0	1,961	0
31	880.00	Other Expenses Labor & Labor Loading	5.5	9,572,772	6,765	9,547	969
32		Materials & Expenses	5.5	5,078,829	3,589	5,065	514
33	881.00	Rents	5.5	377,364	267	376	38
34		Total Distribution Operating Expenses		<u>\$ 63,686,440</u>	<u>\$ 45,007</u>	<u>\$ 63,518</u>	<u>\$ 6,446</u>
35		Total Gas Supply & Distribution Expenses		<u>\$ 65,031,865</u>	<u>\$ 45,007</u>	<u>\$ 63,518</u>	<u>\$ 15,590</u>

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small Essential Agricultural User		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 3,708	\$ 1,875	\$ 0
2		Materials & Expenses	6.6	305,666	408	206	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	11	0	0
4		Materials & Expenses	1.0	93,692	430	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	24,182	412	0
6		Materials & Expenses	2.2	12,562,563	28,852	492	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	3,817	65	0
8		Materials & Expenses	2.2	752,700	1,729	29	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	10,837	0
10		Materials & Expenses	3.3	7,492,159	0	11,938	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	3,195	0
12		Materials & Expenses	6.0	1,848,560	0	2,661	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	412	208	0
14		Materials & Expenses	6.6	184,886	247	125	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 63,796	\$ 32,043	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 108,803	\$ 95,561	\$ 15,590
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 1,373	\$ 0
18		Materials & Expenses	10.1	42,826	0	33	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	112	0
20		Materials & Expenses	11.0	273,434	0	21	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	637	0
22		Materials & Expenses	4.0	12,530,118	0	981	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	17,111	0
24		Materials & Expenses - KAM	15.0	70,691	0	1,088	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	178	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	145	0
27		Materials & Expenses	10.1	12,641	0	10	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 21,688	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 39	\$ 0
30		Materials & Expenses	4.0	24,503	0	2	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	1	0
34		Materials & Expenses	4.0	335,002	0	26	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 68	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 108,803	\$ 117,317	\$ 15,590
44		Allocation Percentage	Total O&M	100.00%	0.08%	0.08%	0.01%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Small Essential Agricultural User		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 59,313	\$ 63,954	\$ 8,499
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	62,068	23,095	981
4		Total Allocated Operating Deductions		<u>\$ 262,268,244</u>	<u>\$ 230,184</u>	<u>\$ 204,366</u>	<u>\$ 25,070</u>
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 50,139	\$ 18,656	\$ 792
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(788)	(293)	(12)
8		South Georgia - Federal	1.1	94,833	141	53	2
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	3,431,877	1,276,949	54,221
10		Total Common Systems Allocable Net Plant		77,224,813	115,142	42,843	1,819
11		Cash Working Capital	1.1	(4,113,676)	(3,168)	(3,416)	(454)
12		Materials & Supplies	1.1	15,364,326	22,908	8,524	362
13		Prepayments	1.1	6,885,291	10,266	3,820	162
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(9,815)	0
16		Customer Advances	9.0	(38,815,661)	0	(9,706)	0
17		Deferred Taxes	1.1	(506,604,924)	(755,348)	(281,053)	(11,934)
18		Other	1.1	0	0	0	0
19		Total Rate Base		<u>\$ 1,812,414,666</u>	<u>\$ 2,821,677</u>	<u>\$ 1,028,145</u>	<u>\$ 44,176</u>
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 1,264,057	\$ 116,520	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	9,539	879	0
22		Late Charges	12.0	1,737,690	0	2,584	0
23		Service Establishment Charges	9.0	7,197,672	0	1,800	0
24		Reconnect / Reread Charges	9.0	240,946	0	60	0
25		Other Revenue - Labor	Net Op Margin	5,775	15	1	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	3	0	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	274	25	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	0	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	2,046	189	0
30		Total Revenue		<u>\$ 494,469,883</u>	<u>\$ 1,275,935</u>	<u>\$ 122,058</u>	<u>\$ 0</u>
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(108,803)	(117,317)	(15,590)
32		A & G	Total O&M	(77,012,607)	(59,313)	(63,954)	(8,499)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(142,939)	(53,185)	(2,258)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(62,068)	(23,095)	(981)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 902,811	\$ (135,493)	\$ (27,328)
37		Interest Expense	1.1	(33,627,705)	(50,139)	(18,656)	(792)
38		State Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 852,672</u>	<u>\$ (154,149)</u>	<u>\$ (28,121)</u>
39		State Income Tax	5.500%	\$ 5,648,827	\$ 46,897	\$ (8,478)	\$ (1,547)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		<u>\$ 5,648,827</u>	<u>\$ 46,897</u>	<u>\$ (8,478)</u>	<u>\$ (1,547)</u>
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 902,811	\$ (135,493)	\$ (27,328)
43		Interest Expense	1.1	(33,627,705)	(50,139)	(18,656)	(792)
44		Federal Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 852,672</u>	<u>\$ (154,149)</u>	<u>\$ (28,121)</u>
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 282,021	\$ (50,985)	\$ (9,301)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(788)	(293)	(12)
47		South Georgia Federal	1.1	94,833	141	53	2
48		Total Federal Income Tax		<u>\$ 33,536,464</u>	<u>\$ 281,375</u>	<u>\$ (51,225)</u>	<u>\$ (9,311)</u>
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		<u>\$ 97,148,358</u>	<u>\$ 574,539</u>	<u>\$ (75,789)</u>	<u>\$ (16,471)</u>
51		Rate of Return on Rate Base		<u>5.36%</u>	<u>20.36%</u>	<u>-7.37%</u>	<u>-37.28%</u>
52		Rate of Return by Class Total				<u>12.39%</u>	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Natural Gas Engine		
					Demand	Customer	Commodity
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Depreciation Expense & Amortization							
<u>Direct</u>							
1	301 - 303	Intangible Plant	Intang. Plant	\$ 69,261	\$ 60	\$ 82	\$ 4
2	374.1 - 387	Distribution Plant	Net Dist. Plant	73,658,549	63,342	86,820	4,091
3	389 - 398	General Plant	1.1	9,396,758	8,081	11,076	522
4		Total Direct Depreciation Expense		\$ 83,124,568	\$ 71,482	\$ 97,978	\$ 4,616
<u>System Allocable Amortization</u>							
5		Miscellaneous Intangible Plant	1.1	\$ 9,301,683	\$ 7,999	\$ 10,964	\$ 517
6		General Plant	1.1	3,494,682	3,005	4,119	194
7		Total System Allocable Amortization		\$ 12,796,366	\$ 11,004	\$ 15,083	\$ 711
8		Total System Depreciation Expense	1.1	\$ 3,494,682	\$ 3,005	\$ 4,119	\$ 194
9		Total Depreciation Expense		\$ 95,920,934	\$ 82,487	\$ 113,061	\$ 5,327
10		Amortization Gas Plant Acquisition	1.1	\$ (52,943)	\$ (46)	\$ (62)	\$ (3)
11		Regulatory Amortizations	7.0	0	0	0	0
12		Total Depreciation Expense	1.1	\$ (52,943)	\$ (46)	\$ (62)	\$ (3)
13		Total Depreciation & Amortization Expense		\$ 95,867,991	\$ 82,441	\$ 112,998	\$ 5,324
<u>Operation and Maintenance Expense</u>							
<u>Gas Supply Expenses</u>							
14	803.00	Natural Gas Transmission Line Purchases	3.0	\$ 0	\$ 0	\$ 0	\$ 0
15	805.10	Purchased Gas Cost Adjustments	3.0	0	0	0	0
16	810.00	Gas Used for Compression Station Fuel	3.0	0	0	0	0
17	813.00	Other Gas Supply Expenses	3.0	1,345,425	0	0	21,559
18		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 21,559
<u>Distribution Expenses - Operation</u>							
19	870.00	Operation Supervision and Engineering					
		Labor & Labor Loading	5.5	\$ 10,398,332	\$ 4,238	\$ 34,688	\$ 2,481
20		Materials & Expenses	5.5	1,362,345	555	4,545	325
21	871.00	Distribution Load Dispatching					
		Labor & Labor Loading	3.0	497,694	0	0	7,975
22		Materials & Expenses	3.0	51,760	0	0	829
23	874.00	Mains and Services Expenses					
		Labor & Labor Loading	4.4	5,679,634	5,806	2,098	0
24		Materials & Expenses	4.4	5,178,603	5,294	1,913	0
25	875.00	Measuring & Regulating Exps. - General					
		Labor & Labor Loading	2.2	2,279,348	3,019	406	0
26		Materials & Expenses	2.2	694,302	920	124	0
27	878.00	Meter and House Regulator Expenses					
		Labor & Labor Loading	6.0	7,680,533	0	40,438	0
28		Materials & Expenses	6.0	2,495,735	0	13,140	0
29	879.00	Customer Installation Expense					
		Labor & Labor Loading	6.0	10,976,535	0	57,791	0
30		Materials & Expenses	6.0	1,362,655	0	7,174	0
31	880.00	Other Expenses					
		Labor & Labor Loading	5.5	9,572,772	3,902	31,934	2,284
32		Materials & Expenses	5.5	5,078,829	2,070	16,942	1,212
33	881.00	Rents	5.5	377,364	154	1,259	90
34		Total Distribution Operating Expenses		\$ 63,686,440	\$ 25,958	\$ 212,450	\$ 15,197
35		Total Gas Supply & Distribution Expenses		\$ 65,031,865	\$ 25,958	\$ 212,450	\$ 36,756

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Natural Gas Engine		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		<u>Maintenance Expenses</u>					
1	885.00	Maintenance Supervision & Engineering					
		Labor & Labor Loading	6.6	\$ 2,776,485	\$ 2,138	\$ 2,563	\$ 0
2		Materials & Expenses	6.6	305,666	235	282	0
3	886.00	Maintenance of Structures & Improvement					
		Labor & Labor Loading	1.0	2,448	6	0	0
4		Materials & Expenses	1.0	93,692	248	0	0
5	887.00	Maintenance of Mains					
		Labor & Labor Loading	2.2	10,529,257	13,947	1,873	0
6		Materials & Expenses	2.2	12,562,563	16,640	2,235	0
7	889.00	Maintenance of Measuring & Reg. Station Equip.					
		Labor & Labor Loading	2.2	1,662,175	2,202	296	0
8		Materials & Expenses	2.2	752,700	997	134	0
9	892.00	Maintenance of Services					
		Labor & Labor Loading	3.3	6,801,487	0	6,918	0
10		Materials & Expenses	3.3	7,492,159	0	7,620	0
11	893.00	Maintenance of Meter & House Regulators					
		Labor & Labor Loading	6.0	2,219,907	0	11,688	0
12		Materials & Expenses	6.0	1,848,560	0	9,733	0
13	894.00	Maintenance of Other Equipment					
		Labor & Labor Loading	6.6	308,347	237	285	0
14		Materials & Expenses	6.6	184,886	142	171	0
15		Total Distribution-Maintenance		\$ 47,540,334	\$ 36,795	\$ 43,796	\$ 0
16		Total Distribution O & M		\$ 112,572,199	\$ 62,753	\$ 256,247	\$ 36,756
		<u>Customer Accounts Expenses</u>					
17	901.00	Supervision Expenses					
		Labor & Labor Loading	10.1	\$ 1,761,992	\$ 0	\$ 598	\$ 0
18		Materials & Expenses	10.1	42,826	0	15	0
19	902.00	Meter Reading Expenses					
		Labor & Labor Loading	11.0	1,429,985	0	509	0
20		Materials & Expenses	11.0	273,434	0	97	0
21	903.00	Customer Records & Collections Expenses					
		Labor & Labor Loading	4.0	8,134,453	0	2,895	0
22		Materials & Expenses	4.0	12,530,118	0	4,459	0
23	903.00	Customer Records & Collections - KAM					
		Labor & Labor Loading - KAM	15.0	1,112,184	0	0	0
24		Materials & Expenses - KAM	15.0	70,691	0	0	0
25	904.00	Uncollectible Accounts Expense					
		Labor & Labor Loading	4.0	2,272,445	0	809	0
26	905.00	Miscellaneous Customer Accounts Expenses					
		Labor & Labor Loading	10.1	186,331	0	63	0
27		Materials & Expenses	10.1	12,641	0	4	0
28		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 9,448	\$ 0
		<u>Customer Service & Informational Expenses</u>					
29	908.00	Customer Assistance Expense					
		Labor & Labor Loading	4.0	\$ 500,851	\$ 0	\$ 178	\$ 0
30		Materials & Expenses	4.0	24,503	0	9	0
31	909.00	Info. & Instructional Advertising Expense					
		Labor & Labor Loading	4.0	0	0	0	0
32		Materials & Expenses	4.0	0	0	0	0
33	910.00	Misc. Customer Service & Informational Expenses					
		Labor & Labor Loading	4.0	12,136	0	4	0
34		Materials & Expenses	4.0	335,002	0	119	0
35		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 310	\$ 0
		<u>Sales Expense</u>					
36	911.00	Supervision					
		Labor & Labor Loading	4.0	\$ 0	\$ 0	\$ 0	\$ 0
37		Materials & Expenses	4.0	0	0	0	0
38	912.00	Demonstrating & Selling Expense					
		Labor & Labor Loading	4.0	0	0	0	0
39		Materials & Expenses	4.0	0	0	0	0
40	913.00	Advertising Expenses					
		Labor & Labor Loading	4.0	0	0	0	0
41		Materials & Expenses	4.0	0	0	0	0
42		Total Sales Expense		\$ 0	\$ 0	\$ 0	\$ 0
43		Total O & M Expense		\$ 141,271,789	\$ 62,753	\$ 266,006	\$ 36,756
44		Allocation Percentage	Total O&M	100.00%	0.04%	0.19%	0.03%

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Account No.	Description	Allocation Factor No.	Total Amount	Natural Gas Engine		
					Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Other Operating Deductions</u>							
1		Administrative & General Expense	Total O&M	\$ 77,012,607	\$ 34,209	\$ 145,010	\$ 20,037
2		Interest on Customer Deposits	8.0	2,355,227	0	0	0
3		Taxes Other Than Income	1.1	41,628,621	35,798	49,067	2,312
4		Total Allocated Operating Deductions		<u>\$ 262,268,244</u>	<u>\$ 132,760</u>	<u>\$ 460,083</u>	<u>\$ 59,105</u>
<u>Tax Adjustments</u>							
5		Interest Expense	1.1	\$ 33,627,705	\$ 28,918	\$ 39,637	\$ 1,868
6		South Georgia - State	1.1	0	0	0	0
7		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(454)	(623)	(29)
8		South Georgia - Federal	1.1	94,833	82	112	5
<u>Summary of Allocated Cost of Service</u>							
<u>Rate Base</u>							
9		Total Direct Net Plant		2,301,728,284	1,979,356	2,713,019	127,830
10		Total Common Systems Allocable Net Plant		77,224,813	66,409	91,024	4,289
11		Cash Working Capital	1.1	(4,113,676)	(1,827)	(7,746)	(1,070)
12		Materials & Supplies	1.1	15,364,326	13,212	18,110	853
13		Prepayments	1.1	6,885,291	5,921	8,116	382
14		Other	1.1	0	0	0	0
15		Customer Deposits	9.0	(39,253,787)	0	(15,514)	0
16		Customer Advances	9.0	(38,815,661)	0	(15,341)	0
17		Deferred Taxes	1.1	(506,604,924)	(435,651)	(597,129)	(28,135)
18		Other	1.1	0	0	0	0
19		Total Rate Base		<u>\$ 1,812,414,666</u>	<u>\$ 1,627,419</u>	<u>\$ 2,194,538</u>	<u>\$ 104,149</u>
<u>Revenue</u>							
20		Net Operating Margin	Direct	\$ 480,346,864	\$ 2,345,330	\$ 275,938	\$ 0
21		Special Contract & Optional Margin	Net Op Margin	3,624,945	17,699	2,082	0
22		Late Charges	12.0	1,737,690	0	3,974	0
23		Service Establishment Charges	9.0	7,197,672	0	2,845	0
24		Reconnect / Reread Charges	9.0	240,946	0	95	0
25		Other Revenue - Labor	Net Op Margin	5,775	28	3	0
26		Other Revenue - Parts & Material	Net Op Margin	1,058	5	1	0
27		Other Revenue - Field Collection Fee	Net Op Margin	104,213	509	60	0
28		Other Revenue - Returned Item Fee	13.0	433,208	0	28	0
29		Other Revenue - Rental Income & UESC Revenue	Net Op Margin	777,512	3,796	447	0
30		Total Revenue		<u>\$ 494,469,883</u>	<u>\$ 2,367,368</u>	<u>\$ 285,472</u>	<u>\$ 0</u>
<u>Operating Deductions</u>							
31		O & M		(141,271,789)	(62,753)	(266,006)	(36,756)
32		A & G	Total O&M	(77,012,607)	(34,209)	(145,010)	(20,037)
33		Depreciation Expense	Deprec Exp	(95,867,991)	(82,441)	(112,998)	(5,324)
34		Interest on Customer Deposits	8.0	(2,355,227)	0	0	0
35		Taxes Other Than Income	1.1	(41,628,621)	(35,798)	(49,067)	(2,312)
<u>State Income Tax</u>							
36		Taxable Income before Interest Expense		\$ 136,333,648	\$ 2,152,166	\$ (287,609)	\$ (64,429)
37		Interest Expense	1.1	(33,627,705)	(28,918)	(39,637)	(1,868)
38		State Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 2,123,248</u>	<u>\$ (327,245)</u>	<u>\$ (66,296)</u>
39		State Income Tax	5.500%	\$ 5,648,827	\$ 116,779	\$ (17,998)	\$ (3,646)
40		South Georgia State	1.1	0	0	0	0
41		Total State Income Tax		<u>\$ 5,648,827</u>	<u>\$ 116,779</u>	<u>\$ (17,998)</u>	<u>\$ (3,646)</u>
<u>Federal Income Tax</u>							
42		Taxable Income before Interest Expense		\$ 136,333,648	\$ 2,152,166	\$ (287,609)	\$ (64,429)
43		Interest Expense	1.1	(33,627,705)	(28,918)	(39,637)	(1,868)
44		Federal Taxable Income		<u>\$ 102,705,943</u>	<u>\$ 2,123,248</u>	<u>\$ (327,245)</u>	<u>\$ (66,296)</u>
45		Federal Income Tax	33.08%	\$ 33,969,991	\$ 702,264	\$ (108,236)	\$ (21,927)
46		Investment Tax Credit (I.T.C.)	1.1	(528,360)	(454)	(623)	(29)
47		South Georgia Federal	1.1	94,833	82	112	5
48		Total Federal Income Tax		<u>\$ 33,536,464</u>	<u>\$ 701,892</u>	<u>\$ (108,747)</u>	<u>\$ (21,952)</u>
49		Regulatory Amortization	1.1	\$ 0	\$ 0	\$ 0	\$ 0
50		Net Income		<u>\$ 97,148,358</u>	<u>\$ 1,333,496</u>	<u>\$ (160,863)</u>	<u>\$ (38,831)</u>
51		Rate of Return on Rate Base		<u>5.36%</u>	<u>81.94%</u>	<u>-7.33%</u>	<u>-37.28%</u>
52		Rate of Return by Class Total				<u>28.88%</u>	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF RATE BASE BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description	Allocation	Amount	Demand	Customer	Commodity	Line No.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(g)	
Cost of Service								
Direct								
<u>Intangible Plant</u>								
1	301.00	Organization	Dist Plant	\$ 42,653	\$ 13,845	\$ 28,660	\$ 148	1
2	302.00	Franchises & Consents	Dist Plant	1,302,415	422,769	875,132	4,514	2
3	303.00	Miscellaneous Intangible Plant	Dist Plant	0	0	0	0	3
4		Total Direct Intangible Plant		\$ 1,345,068	\$ 436,614	\$ 903,792	\$ 4,662	4
<u>Distribution Plant</u>								
5	374.10	Land & Land Rights	Demand	\$ 405,666	\$ 405,666	\$ 0	\$ 0	5
6	374.20	Rights of Way	Demand	1,600,157	1,600,157	0	0	6
7	375.00	Structures	Demand	458,356	458,356	0	0	7
8	376.00	Mains	Dmd/Cust	1,312,187,395	656,093,698	656,093,698	0	8
9	378.00	Measuring & Regulating Station	Commodity	71,236,365	35,618,182	35,618,182	0	9
10	380.00	Services	Customer	388,076,054	0	388,076,054	0	10
11	381.00	Meters	Customer	356,989,644	0	356,989,644	0	11
12	385.00	Industrial Measuring & Regulating Station	Commodity	7,411,030	0	0	7,411,030	12
13	387.00	Other Equipment	Demand	(81,671)	(81,671)	0	0	13
14		Total Direct Distribution Plant		\$ 2,138,282,997	\$ 694,094,389	\$ 1,436,777,578	\$ 7,411,030	14
15		Total Percent Direct Distribution Plant		100.00%	32.46%	67.19%	0.35%	15
<u>General Plant</u>								
16	389.00	Land & Land Rights	Dist Plant	\$ 16,211,450	\$ 5,262,295	\$ 10,892,967	\$ 56,187	16
17	390.10	Structures	Dist Plant	51,364,583	16,673,129	34,513,431	178,023	17
18	390.20	Structures - Leasehold Improvements	Dist Plant	27,038	8,776	18,167	94	18
19	391.00	Office Furniture & Equipment	Dist Plant	7,678,604	2,492,503	5,159,488	26,613	19
20	391.10	Computer Equipment	Dist Plant	16,271,780	5,281,879	10,933,505	56,396	20
21	392.11	Transportation Equipment - Light	Dist Plant	33,556,847	10,892,674	22,547,870	116,304	21
22	392.20	Transportation Equipment - Heavy	Dist Plant	10,318,493	3,349,420	6,933,311	35,763	22
23	393.00	Stores Equipment	Dist Plant	983,411	319,219	660,784	3,408	23
24	394.00	Tools, Shop & Garage Equipment	Dist Plant	15,710,069	5,099,545	10,556,075	54,449	24
25	395.00	Laboratory Equipment	Dist Plant	789,999	256,437	530,825	2,738	25
26	396.00	Power Operated Equipment	Dist Plant	7,191,420	2,334,361	4,832,134	24,925	26
27	397.10	Communication Equipment	Dist Plant	153,941	49,970	103,438	534	27
28	397.20	Telemetering Equipment	Dist Plant	509,775	165,475	342,533	1,767	28
29	398.00	Miscellaneous Equipment	Dist Plant	1,332,808	432,634	895,554	4,619	29
30		Total Direct General Plant		\$ 162,100,219	\$ 52,618,317	\$ 108,920,082	\$ 561,820	30
<u>Common - Systems Allocable</u>								
<u>Intangible Plant</u>								
31	301.00	Organization	Dist Plant	\$ 34,660	\$ 11,251	\$ 23,289	\$ 120	31
32	303.00	Miscellaneous Intangible	Dist Plant	40,757,373	13,229,990	27,386,122	141,260	32
33		Total Common Intangible Plant		\$ 40,792,032	\$ 13,241,241	\$ 27,409,411	\$ 141,380	33
<u>General Plant</u>								
34	389.00	Land & Land Rights	Dist Plant	\$ 2,364,261	\$ 767,448	\$ 1,588,619	\$ 8,194	34
35	390.10	Structures	Dist Plant	16,095,611	5,224,694	10,815,132	55,785	35
36	390.20	Structures - Leasehold Improvements	Dist Plant	883,452	286,772	593,618	3,062	36
37	391.00	Office Furniture & Equipment	Dist Plant	3,062,692	994,161	2,057,916	10,615	37
38	391.10	Computer Equipment	Dist Plant	4,803,998	1,559,395	3,227,953	16,650	38
39	392.11	Transportation Equipment - Light	Dist Plant	1,761,511	571,793	1,183,613	6,105	39
40	392.21	Transportation Equipment - Aircraft	Dist Plant	3,940,429	1,279,078	2,647,695	13,657	40
41	393.00	Stores Equipment	Dist Plant	10,139	3,291	6,812	35	41
42	394.00	Tools, Shop & Garage Equipment	Dist Plant	243,393	79,006	163,543	844	42
43	395.00	Laboratory Equipment	Dist Plant	456,924	148,319	307,021	1,584	43
44	396.00	Power Operated Equipment	Dist Plant	10,500	3,408	7,055	36	44
45	397.00	Communication Equipment	Dist Plant	2,346,572	761,706	1,576,734	8,133	45
46	397.20	Telemetering Equipment	Dist Plant	(9,538)	(3,096)	(6,409)	(33)	46
47	398.00	Miscellaneous Equipment	Dist Plant	462,835	150,238	310,993	1,604	47
48		Total Common General Plant		\$ 36,432,780	\$ 11,826,212	\$ 24,480,297	\$ 126,272	48
<u>Net Plant</u>								
49		Total Direct Net Plant		\$ 2,301,728,284	\$ 747,149,319	\$ 1,546,601,453	\$ 7,977,512	49
50		Total Common/System Allocable Net Plant	56.068917%	77,224,813	25,067,453	51,889,707	267,652	50
51		Total Net Plant		\$ 2,378,953,097	\$ 772,216,773	\$ 1,598,491,160	\$ 8,245,164	51
<u>Rate Base</u>								
52		Cash Working Capital	Net Plant	\$ (4,113,676)	\$ (1,335,314)	\$ (2,764,104)	\$ (14,258)	52
53		Materials & Supplies	Net Plant	15,364,326	4,987,316	10,323,759	53,251	53
54		Prepayments	Net Plant	6,885,291	2,234,990	4,626,437	23,864	54
55		Other		0	0	0	0	55
56		Customer Advances	Customer	(38,815,661)	(12,599,704)	(26,081,427)	(134,530)	56
57		Customer Deposits	Customer	(39,253,787)	(12,741,921)	(26,375,817)	(136,049)	57
58		Deferred Taxes	Net Plant	(506,604,924)	(164,445,789)	(340,403,303)	(1,755,831)	58
59		Other		0	0	0	0	59
60		Total Rate Base		\$ 1,812,414,666	\$ 588,316,351	\$ 1,217,816,705	\$ 6,281,610	60

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)	Distribution			Customer Accounting			Line No.	
					Specific (e)	Demand (f)	Customer (g)	Commodity (h)	Specific (i)	Demand (j)		Customer (k)
Depreciation Expense & Amortization												
Direct												
<u>Intangible Plant</u>												
1	301.00	Organization	Plant Acct.	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	1
2	302.00	Franchises & Consents		69,261	0	22,482	46,538	240	0	0	0	2
3	303.00	Miscellaneous Intangible Plant		0	0	0	0	0	0	0	0	3
4		Total Direct Intangible Plant		\$ 69,261	\$ 0	\$ 22,482	\$ 46,538	\$ 240	\$ 0	\$ 0	\$ 0	4
<u>Distribution Plant</u>												
5	374.10	Land & Land Rights		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	5
6	374.20	Rights of Way		35,613	0	35,613	0	0	0	0	0	6
7	375.00	Structures		332	0	332	0	0	0	0	0	7
8	376.00	Mains		38,083,359	0	19,041,680	19,041,680	0	0	0	0	8
9	378.00	Measuring & Regulating Station		2,582,898	0	1,291,449	1,291,449	0	0	0	0	9
10	380.00	Services		24,760,403	0	0	24,760,403	0	0	0	0	10
11	381.00	Meters		7,952,579	0	0	7,952,579	0	0	0	0	11
12	385.00	Industrial Measuring & Regulating Station		243,365	0	0	243,365	0	0	0	0	12
13	387.00	Other Equipment		0	0	0	0	0	0	0	0	13
14		Total Direct Distribution Plant		\$ 73,658,549	\$ 0	\$ 20,369,073	\$ 53,046,111	\$ 243,365	\$ 0	\$ 0	\$ 0	14
<u>General Plant</u>												
15	389.00	Land & Land Rights		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	15
16	390.10	Structures		999,618	0	324,480	671,674	3,465	0	0	0	16
17	390.20	Structures - Leasehold Improvements		1,294	0	420	869	4	0	0	0	17
18	391.00	Office Furniture & Equipment		289,164	0	93,864	194,298	1,002	0	0	0	18
19	391.10	Computer Equipment		3,422,642	0	1,111,002	2,299,778	11,862	0	0	0	19
20	392.10	Transportation Equipment		3,262,998	0	1,059,181	2,192,508	11,309	0	0	0	20
21	393.00	Stores Equipment		35,527	0	11,532	23,871	123	0	0	0	21
22	394.00	Tools, Shop & Garage Equipment		655,041	0	212,629	440,142	2,270	0	0	0	22
23	395.00	Laboratory Equipment		20,123	0	6,532	13,521	70	0	0	0	23
24	396.00	Power Operated Equipment		411,407	0	133,544	276,437	1,426	0	0	0	24
25	397.10	Communication Equipment		169,922	0	55,157	114,176	589	0	0	0	25
26	397.20	Telemetering Equipment		56,991	0	18,500	38,294	198	0	0	0	26
27	398.00	Miscellaneous Equipment		72,032	0	23,382	48,401	250	0	0	0	27
28		Total Direct General Plant		\$ 9,396,758	\$ 0	\$ 3,050,222	\$ 6,313,969	\$ 32,568	\$ 0	\$ 0	\$ 0	28
<u>Common - Systems Allocable</u>												
29		Common - Systems Allocation										29
<u>Intangible Plant</u>												
30	301.00	Organization		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	30
31	303.00	Miscellaneous Intangible Plant		9,301,683	0	3,019,360	6,250,085	32,239	0	0	0	31
32		Total Common Intangible Plant		\$ 9,301,683	\$ 0	\$ 3,019,360	\$ 6,250,085	\$ 32,239	\$ 0	\$ 0	\$ 0	32

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)			Distribution			Customer Accounting			Line No.	
				Specific (e)	Demand (f)	Customer (g)	Commodity (h)	Specific (i)	Demand (j)	Customer (k)				
General Plant														
1	389.00	Land & Land Rights		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	0	1
2	390.10	Structures	Plant Acct.	403,277	0	130,905	270,974	1,398	0	0	0	0	0	2
3	390.20	Structures - Leasehold Improvements	Plant Acct.	106,241	0	34,486	71,387	368	0	0	0	0	0	3
4	391.00	Office Furniture & Equipment	Plant Acct.	334,984	0	108,737	225,086	1,161	0	0	0	0	0	4
5	391.10	Computer Equipment	Plant Acct.	1,906,058	0	618,713	1,280,738	6,606	0	0	0	0	0	5
6	392.11	Transportation Equipment, Light	Plant Acct.	211,648	0	68,702	142,213	734	0	0	0	0	0	6
7	392.12	Transportation Equipment, Heavy	Plant Acct.	0	0	0	0	0	0	0	0	0	0	7
8	392.21	Transportation Equipment, Aircraft	Plant Acct.	184,385	0	59,852	123,894	639	0	0	0	0	0	8
9	393.00	Stores Equipment	Plant Acct.	1,332	0	432	895	5	0	0	0	0	0	9
10	394.00	Tools, Shop & Garage Equipment	Plant Acct.	23,500	0	7,628	15,791	81	0	0	0	0	0	10
11	395.00	Laboratory Equipment	Plant Acct.	27,320	0	8,868	18,357	95	0	0	0	0	0	11
12	396.00	Power Operated Equipment	Plant Acct.	373	0	121	251	1	0	0	0	0	0	12
13	397.00	Communication Equipment	Plant Acct.	249,626	0	81,030	167,731	865	0	0	0	0	0	13
14	397.20	Telemetering Equipment	Plant Acct.	209	0	68	141	1	0	0	0	0	0	14
15	398.00	Miscellaneous Equipment	Plant Acct.	45,728	0	14,844	30,726	158	0	0	0	0	0	15
16		Total Common General Plant		\$ 3,494,682	\$ 0	\$ 1,134,387	\$ 2,348,184	\$ 12,112	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	16
System Allocable Amortization														
17	303.00	Miscellaneous Intangible Plant	Com Gen Plant	\$ 9,301,683	\$ 0	\$ 3,019,360	\$ 6,250,085	\$ 32,239	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	17
18	309.2-398	General Plant	Com Gen Plant	3,494,682	0	1,134,387	2,348,184	12,112	0	0	0	0	0	18
19		Total System Allocable Amortization		\$ 12,796,366	\$ 0	\$ 4,153,747	\$ 8,598,268	\$ 44,351	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	19
20	389-390.1	Total System Depreciation Expense	Com Gen Plant	\$ 3,494,682	\$ 0	\$ 1,134,387	\$ 2,348,184	\$ 12,112	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	20
21		Total Direct Depreciation Expense	Dir. Depr.	\$ 83,124,568	0	\$ 23,441,777	\$ 59,406,618	\$ 276,173	0	0	0	0	0	21
22		Amortization Gas Plant Acquisition	Dir. Depr.	(52,943)	0	(14,930)	(37,837)	(176)	0	0	0	0	0	22
23		Regulatory Amortizations	Dir. Depr.	0	0	0	0	0	0	0	0	0	0	23
24		Total Depreciation Expense		\$ 95,867,991	\$ 0	\$ 27,580,593	\$ 67,987,050	\$ 320,348	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	24
Operation and Maintenance Expense														
Operation Expenses														
Gas Supply Expenses														
25	803.00	Natural Gas Transmission Line Purchases		\$ 0	0	0	0	0	0	0	0	0	0	25
26	805.10	Purchased Gas Cost Adjustments		0	0	0	0	0	0	0	0	0	0	26
27	810.00	Gas Used for Compression Station Fuel		0	0	0	0	0	0	0	0	0	0	27
28	813.00	Other Gas Supply Expenses		0	0	0	0	0	0	0	0	0	0	28
29		Labor		734,739	0	0	0	0	0	0	0	0	0	29
30		Labor Loadings		497,262	0	0	0	0	0	0	0	0	0	30
31		Materials & Expenses		113,424	0	0	0	0	0	0	0	0	0	31
		Total Gas Supply Expenses		\$ 1,345,425	\$ 0	\$ 0	\$ 0	\$ 1,345,425	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	31

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)	Distribution			Commodity (h)	Customer Accounting Demand (j)	Customer (k)	Line No.
					Specific (e)	Demand (f)	Customer (g)				
1	858.00	Transmission Expenses									
2		Transmission and Compression of Gas									
3		Labor		\$ 0							1
4		Labor Loadings		0							2
5		Materials & Expenses		0							3
6		Total Transmission Expenses		\$ 0							4
7	870.00	Distribution Expenses - Operation									
8		Operation Supervision and Engineering									
9		Labor									5
10		Labor Loadings		\$ 6,213,163	\$ 0	\$ 751,821	\$ 4,914,338	\$ 547,004			6
11		Materials & Expenses		4,185,169	0	506,424	3,310,284	368,460			7
12		Distribution Load Dispatching		1,362,345	0	164,850	1,077,555	119,940			8
13		Labor		296,815		148,408	148,408				9
14		Labor Loadings		200,878		100,439	100,439				10
15		Materials & Expenses		51,760		25,880	25,880				11
16		Mains and Services Expenses									12
17		Labor		3,392,797		1,309,204	2,083,592	0			13
18		Labor Loadings		2,286,837		882,439	1,404,398	0			14
19		Materials & Expenses		5,178,603		1,998,307	3,180,296	0			15
20		Measuring & Regulating Exps. - General									16
21		Labor		1,362,790				1,362,790			17
22		Labor Loadings		916,558				916,558			18
23		Materials & Expenses		694,302				694,302			19
24		Meier and House Regulator Expenses									20
25		Labor		4,613,472			4,613,472				21
26		Labor Loadings		3,067,060			3,067,060				22
27		Materials & Expenses		2,495,735			2,495,735				23
28		Customer Installation Expense									24
29		Labor		6,591,283			6,591,283				25
30		Labor Loadings		4,385,252			4,385,252				26
31		Materials & Expenses		1,362,655			1,362,655				27
32		Other Expenses									28
33		Labor		5,699,838	0	689,706	4,508,321	501,811			29
34		Labor Loadings		3,872,933	0	468,642	3,063,320	340,971			30
35		Materials & Expenses		5,078,829	0	614,561	4,017,130	447,138			31
36		Rents		0							32
37		Labor		0							33
38		Labor Loadings		377,364		45,663	298,479	33,223			34
39		Materials & Expenses		63,686,440	\$ 0	\$ 7,706,345	\$ 50,373,170	\$ 5,606,925	\$ 0	\$ 0	35
40		Total Distribution Operating Expenses		\$ 65,031,865	\$ 0	\$ 7,706,345	\$ 50,373,170	\$ 6,952,350	\$ 0	\$ 0	36
41		Total Gas Supply & Distribution Expenses									37

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)	Distribution			Commodity (h)	Customer Accounting		Line No.	
					Specific (e)	Demand (f)	Customer (g)		Specific (i)	Demand (j)		Customer (k)
Maintenance Expenses												
Maintenance Supervision & Engineering												
1	885.00	Labor	Dist Maint Exp	\$ 1,661,008	\$ 0	\$ 439,840	\$ 1,129,933	\$ 91,235			1	
2		Labor Loadings	Dist Maint Exp	1,115,477	0	295,382	758,825	61,270			2	
3		Materials & Expenses	Dist Maint Exp	305,666	0	80,941	207,935	16,789			3	
Maintenance of Structures & Improvement												
4		Labor	Plant Acct.	1,449		1,449					4	
5		Labor Loadings	Plant Acct.	999		999					5	
6		Materials & Expenses	Plant Acct.	93,692		93,692					6	
Maintenance of Mains												
7		Labor	Plant Acct.	6,297,219	0	3,148,609	3,148,609	0			7	
8		Labor Loadings	Plant Acct.	4,232,038	0	2,116,019	2,116,019	0			8	
9		Materials & Expenses	Plant Acct.	12,562,563	0	6,281,281	6,281,281	0			9	
Maint. of Measuring & Reg. Station Equip.												
10		Labor	Commodity	997,397				997,397			10	
11		Labor Loadings	Commodity	664,778				664,778			11	
12		Materials & Expenses	Commodity	752,700				752,700			12	
Maintenance of Services												
13		Labor	Plant Acct.	4,070,828	0	0	4,070,828	0			13	
14		Labor Loadings	Plant Acct.	2,730,659	0	0	2,730,659	0			14	
15		Materials & Expenses	Plant Acct.	7,492,159	0	0	7,492,159	0			15	
Maintenance of Meter & House Regulators												
16		Labor	Plant Acct.	1,327,519			1,327,519				16	
17		Labor Loadings	Plant Acct.	892,388			892,388				17	
18		Materials & Expenses	Plant Acct.	1,848,560			1,848,560				18	
Maintenance of Other Equipment												
19		Labor	Dist Maint Exp	184,641	0	48,893	125,605	10,142			19	
20		Labor Loadings	Dist Maint Exp	123,707	0	32,758	84,154	6,795			20	
21		Materials & Expenses	Dist Maint Exp	184,886	0	48,958	125,772	10,155			21	
22		Total Maintenance Expenses		\$ 47,540,334	\$ 0	\$ 12,588,823	\$ 32,340,249	\$ 2,611,262	\$ 0	\$ 0	22	
23		Total Gas Supply, Distribution & Maint. Exps		\$ 112,572,199	\$ 0	\$ 20,295,167	\$ 82,713,419	\$ 9,563,612	\$ 0	\$ 0	23	
Customer Accounts Expenses												
Supervision Expenses												
24	901.00	Labor	Customer	\$ 1,049,855					\$		24	
25		Labor Loadings	Customer	712,137							25	
26		Materials & Expenses	Customer	42,826							26	
Meter Reading Expenses												
27		Labor	Customer	856,097							27	
28		Labor Loadings	Customer	573,888							28	
29		Materials & Expenses	Customer	273,434							29	

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)	Distribution			Customer Accounting			Line No.	
					Specific (e)	Demand (f)	Customer (g)	Commodity (h)	Specific (i)	Demand (j)		Customer (k)
1	903.00	Customer Records & Collections Expenses										
2		Labor & Loadings	KAM Direct	1,112,184								1
3		Materials & Expenses	KAM Direct	70,691								2
4	903.00	Customer Records & Collections Expenses										
5		Labor & Loadings	Customer	8,134,453.00								3
6		Materials & Expenses	Customer	12,530,117.55								4
7	904.00	Uncollectible Accounts Expense										
8		Labor		0								5
9		Labor Loadings		0								6
10	905.00	Materials & Expenses	Customer	2,272,445								7
11		Miscellaneous Customer Accounts Expenses										
12		Labor	Customer	111,248								8
13		Labor Loadings	Customer	75,082								9
14		Materials & Expenses	Customer	12,641								10
15		Total Customer Accounts Expenses		\$ 27,827,100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 27,827,100	11
16	908.00	Customer Service & Informational Expenses										
17		Customer Assistance Expense										
18		Labor	Customer	297,812								12
19		Labor Loadings	Customer	203,039								13
20		Materials & Expenses	Customer	24,503								14
21	909.00	Info. & Instructional Advertising Exps.										
22		Labor	Customer	0								15
23		Labor Loadings	Customer	0								16
24		Materials & Expenses	Customer	0								17
25	910.00	Misc. Customer Service & Info. Exp.										
26		Labor	Customer	7,117								18
27		Labor Loadings	Customer	5,018								19
28		Materials & Expenses	Customer	335,002								20
29		Total Customer Service & Informational Expenses		\$ 872,491	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 872,491	21
30	911.00	Sales Expense										
31		Supervision										
32		Labor		0								22
33		Labor Loadings		0								23
34		Materials & Expenses		0								24

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Acct No.	Description (b)	Allocation (c)	Amount (d)	Distribution			Commodity (h)	Customer Accounting			Line No.
					Specific (e)	Demand (f)	Customer (g)		Specific (i)	Demand (j)	Customer (k)	
1	912.00	Demonstrating & Selling Expense										1
2		Labor		0								2
3		Labor Loadings		0								3
4		Materials & Expenses		0								4
5	913.00	Advertising Expenses		0								5
6		Labor		0								6
7		Labor Loadings		0								7
		Materials & Expenses		0								8
		Total Sales Expense	Customer	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
8		Total O&M Expense		\$ 141,271,789	\$ 0	\$ 20,295,167	\$ 82,713,419	\$ 9,563,612	\$ 0	\$ 0	\$ 28,699,591	8
					14%		59%	7%			20%	
		Administrative & General Expense										
9	920.00	Administrative & General Salaries										9
10		Labor	Total O&M	\$ 29,909,307	\$ 0	\$ 4,296,784	\$ 17,511,642	\$ 2,024,757	\$ 0	\$ 0	\$ 6,076,124	10
11		Labor Loadings	Total O&M	16,245,239	0	2,333,798	9,511,448	1,099,747	0	0	3,300,246	11
12		Materials & Expenses	Total O&M	(1,806,723)	0	(259,842)	(1,058,992)	(122,444)	0	0	(367,445)	12
		Total Adm. & General Salaries		\$ 44,345,823	\$ 0	\$ 6,370,740	\$ 25,964,098	\$ 3,002,059	\$ 0	\$ 0	\$ 9,008,925	
		Other Administrative & General Expense										
13	921.00	Office Supplies	Total O&M	\$ 8,423,284	\$ 0	\$ 1,210,093	\$ 4,931,760	\$ 570,227	\$ 0	\$ 0	\$ 1,711,204	13
14	922.00	Administrative Expenses Transferred - Credit	Total O&M	(8,286,662)	0	(1,190,465)	(4,851,769)	(560,978)	0	0	(1,683,449)	14
15	923.00	Outside Services Employed	Total O&M	13,041,614	0	1,873,564	7,635,753	882,872	0	0	2,649,425	15
16	924.00	Property Insurance	Total O&M	260,204	0	37,381	152,347	17,615	0	0	52,861	16
17	925.00	Injuries and Damages	Total O&M	7,389,035	0	1,061,512	4,326,216	500,212	0	0	1,501,084	17
18	926.00	Employee Pensions and Benefits	Total O&M	(1,730)	0	(249)	(1,013)	(117)	0	0	(351)	18
19	928.00	Regulatory Commission Expenses	Total O&M	144,000	0	20,687	84,311	9,748	0	0	29,254	19
20	930.10	Safety Advertising	Total O&M	859,732	0	123,510	503,366	58,201	0	0	174,656	20
21		Miscellaneous General Expenses										
22		Labor	Total O&M	1,013,863	0	145,652	593,608	68,635	0	0	205,968	21
23		Labor Loadings	Total O&M	0	0	0	0	0	0	0	0	22
24	931.00	Materials & Expenses	Total O&M	3,728,143	0	535,387	2,182,796	252,382	0	0	757,378	23
25	935.00	Rents	Total O&M	1,576,774	0	226,520	923,188	106,742	0	0	320,324	24
26		Maintenance of General Plant										
27		Labor	Total O&M	844,203	0	121,279	494,273	57,150	0	0	171,501	25
28		Labor Loadings	Total O&M	571,221	0	82,062	334,445	38,670	0	0	116,045	26
29		Materials & Expenses	Total O&M	3,103,104	0	445,793	1,816,841	210,069	0	0	630,400	27
30		Total Other Administrative & General Expense		\$ 32,666,784	\$ 0	\$ 4,692,925	\$ 19,126,122	\$ 2,211,428	\$ 0	\$ 0	\$ 6,636,310	28
		Total Administrative and General Expense		\$ 77,012,607	\$ 0	\$ 11,063,665	\$ 45,090,220	\$ 5,213,487	\$ 0	\$ 0	\$ 15,645,235	29
		Total O&M and A&G Expense		\$ 218,284,396	\$ 0	\$ 31,358,832	\$ 127,803,639	\$ 14,777,099	\$ 0	\$ 0	\$ 44,344,826	30

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Acct No.	Description (b)	Allocation (c)			Amount (d)			Distribution			Customer Accounting			Line No.
			Customer	Net Plant	Rate Base	Specific (e)	Demand (f)	Customer (g)	Commodity (h)	Specific (i)	Demand (j)	Customer (k)			
1		Interest on Customer Deposits	Customer			\$ 2,355,227									1
2		Taxes Other Than Income	Net Plant			41,628,621	\$ 0	\$ 13,512,801	\$ 27,971,540	\$ 144,280	\$ 0	\$ 0	\$ 0	\$ 2,355,227	2
3		Interest Expense	Rate Base			33,627,705	0	10,915,675	22,595,481	116,550	0	0	0	0	3
4		South Georgia State	Rate Base			0	0	0	0	0	0	0	0	0	4
5		Investment Tax Credit (I.T.C.)	Rate Base			(528,360)	0	(171,508)	(355,021)	(1,831)	0	0	0	0	5
6		South Georgia Federal	Rate Base			94,833	0	30,783	63,721	329	0	0	0	0	6
7		Regulatory Amortizations	Rate Base			(52,943)	0	(17,185)	(35,574)	(183)	0	0	0	0	7
8		Rate Base				\$ 2,301,728,284	\$ 0	\$ 747,149,319	\$ 1,546,601,453	\$ 7,977,512	\$ 0	\$ 0	\$ 0	\$ 0	8
9		Total Direct Net Plant				77,224,813	0	25,067,453	51,889,707	267,652	0	0	0	0	9
10		Total Common Systems Allocable Net Plant				\$ 2,378,953,097	\$ 0	\$ 772,216,773	\$ 1,598,491,160	\$ 8,245,164	\$ 0	\$ 0	\$ 0	\$ 0	10
11		Cash Working Capital	Net Plant			(4,113,676)	0	(1,335,314)	(2,764,104)	(14,258)	0	0	0	0	11
12		Materials & Supplies	Net Plant			15,364,326	0	4,987,316	10,323,759	53,251	0	0	0	0	12
13		Prepayments	Net Plant			6,885,291	0	2,234,990	4,626,437	23,864	0	0	0	0	13
14		Other	Net Plant			0	0	0	0	0	0	0	0	0	14
15		Customer Deposits	Customer			(39,253,787)	0	(12,741,921)	(26,375,817)	(136,049)	0	0	0	0	15
16		Customer Advances	Customer			(38,815,661)	0	(12,599,704)	(26,081,427)	(134,530)	0	0	0	0	16
17		Deferred Taxes	Net Plant			(506,604,924)	0	(164,445,789)	(340,403,303)	(1,755,831)	0	0	0	0	17
18		Other	Net Plant			0	0	0	0	0	0	0	0	0	18
19		Total Rate Base				\$ 1,812,414,666	\$ 0	\$ 588,316,351	\$ 1,217,816,705	\$ 6,281,610	\$ 0	\$ 0	\$ 0	\$ 0	19
20		Revenue				\$ 480,346,864	\$ 0	\$ 155,922,328	\$ 322,759,712	\$ 1,664,824	\$ 0	\$ 0	\$ 0	\$ 0	20
21		Net Operating Margin				3,624,945	0	1,176,670	2,435,711	12,564	0	0	0	0	21
22		Special Contract & Optional Margin				1,737,690	0	564,061	1,167,607	6,023	0	0	0	0	22
23		Late Charges				7,197,672	0	2,336,390	4,836,335	24,946	0	0	0	0	23
24		Service Establishment Charges				240,946	0	78,212	161,899	835	0	0	0	0	24
25		Reconnect / Reread Charges				5,775	0	1,875	3,881	20	0	0	0	0	25
26		Other Revenue - Labor				1,058	0	344	711	4	0	0	0	0	26
27		Other Revenue - Parts & Material				104,213	0	33,828	70,024	361	0	0	0	0	27
28		Other Revenue - Field Collection Fee				433,208	0	140,621	291,086	1,501	0	0	0	0	28
29		Other Revenue - Returned Item Fee				777,512	0	252,383	522,434	2,695	0	0	0	0	29
30		Other Revenue - Rental Income & UESC Revenue				\$ 494,469,883	\$ 0	\$ 160,506,711	\$ 332,249,399	\$ 1,713,773	\$ 0	\$ 0	\$ 0	\$ 0	30
		Total Revenue				\$ 1,812,414,666	\$ 0	\$ 588,316,351	\$ 1,217,816,705	\$ 6,281,610	\$ 0	\$ 0	\$ 0	\$ 0	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DISTRIBUTION OF EXPENSES BY FUNCTION - DATA ENTRY AND CLASSIFICATION OF COSTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Acct No.	Description	Allocation	Amount	Specific	Demand	Customer	Commodity	Specific	Demand	Customer	Customer Accounting	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)		
		Operating Deductions											
1		Operations & Maintenance Expenses		\$ (141,271,789)	\$ 0	\$ (20,295,167)	\$ (82,713,419)	\$ (9,563,612)	\$ 0	\$ 0	\$ 0	\$ (28,699,591)	1
2		Administrative & General Expenses		(77,012,607)	0	(11,063,665)	(45,090,220)	(5,213,487)	0	0	0	(15,645,235)	2
3		Depreciation Expenses		(95,867,991)	0	(27,580,593)	(67,967,050)	(320,348)	0	0	0	0	3
4		Interest on Customer Deposits		(2,355,227)	0	0	0	0	0	0	0	(2,355,227)	4
5		Taxes Other Than Income		(41,628,621)	0	(13,512,801)	(27,971,540)	(144,280)	0	0	0	0	5
6		Total Operating Deductions		\$ (358,136,235)	\$ 0	\$ (72,452,226)	\$ (223,742,229)	\$ (15,241,727)	\$ 0	\$ 0	\$ 0	\$ (46,700,053)	6
		State Income Tax											
7		Taxable Income before Interest Expense		\$ 136,333,648	\$ 0	\$ 88,054,485	\$ 108,507,170	\$ (13,527,954)	\$ 0	\$ 0	\$ 0	\$ (46,700,053)	7
8		Interest Expense		33,627,705	0	10,915,675	22,595,481	116,550	0	0	0	0	8
9		State Taxable Income		\$ 102,705,943	\$ 0	\$ 77,138,810	\$ 85,911,689	\$ (13,644,503)	\$ 0	\$ 0	\$ 0	\$ (46,700,053)	9
10		State Income Tax	5.5000%	\$ 5,648,826.88	\$ 0	\$ 4,242,635	\$ 4,725,143	\$ (750,448)	\$ 0	\$ 0	\$ 0	\$ (2,568,503)	10
11		South Georgia State		0	0	0	0	0	0	0	0	0	11
12		Total State Income Tax		\$ 5,648,827	\$ 0	\$ 4,242,635	\$ 4,725,143	\$ (750,448)	\$ 0	\$ 0	\$ 0	\$ (2,568,503)	12
		Federal Income Tax											
13		Taxable Income before Interest Expense		\$ 136,333,648	\$ 0	\$ 88,054,485	\$ 108,507,170	\$ (13,527,954)	\$ 0	\$ 0	\$ 0	\$ (46,700,053)	13
14		Interest Expense		33,627,705	0	10,915,675	22,595,481	116,550	0	0	0	0	14
15		Federal Taxable Income		\$ 102,705,943	\$ 0	\$ 77,138,810	\$ 85,911,689	\$ (13,644,503)	\$ 0	\$ 0	\$ 0	\$ (46,700,053)	15
16		Federal Income Tax	33.07500%	\$ 33,969,991	\$ 0	\$ 25,513,661	\$ 28,415,291	\$ (4,512,919)	\$ 0	\$ 0	\$ 0	\$ (15,446,042)	16
17		Investment Tax Credit (I.T.C.)		(528,360)	0	(171,508)	(355,021)	(1,831)	0	0	0	0	17
18		South Georgia Federal		94,833	0	30,783	63,721	329	0	0	0	0	18
19		Total Federal Income Tax		\$ 33,536,464	\$ 0	\$ 25,372,937	\$ 28,123,991	\$ (4,514,422)	\$ 0	\$ 0	\$ 0	\$ (15,446,042)	19
20		Regulatory Amortization	Net Plant	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	20
21		Net Income		\$ 97,148,358	\$ 0	\$ 58,438,913	\$ 75,658,036	\$ (8,263,084)	\$ 0	\$ 0	\$ 0	\$ (28,685,507)	21
22		Rate of Return on Rate Base		5.36%	0	9.93%	6.21%	-131.54%	0	0	0	0	22

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Single-Family Residential		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	62,155,470 57.685178%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	293,345,700 44.222673%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	955,151 92.379395%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	955,151 92.379395%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	955,151 70.754854%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0 0.000000%	955,151 85.377325%	0 0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0 0.000000%	955,151 93.103266%	0 0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	6,501,216 87.398170%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0 0.000000%	955,151 92.379395%	0 0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	1,363,803 78.483693%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	391,646 90.405994%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	955,151 92.381182%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	400,389,587 18.724817%	1,222,915,708 57.191481%	3,277,356 0.153270%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	378,468,820 28.842589%	606,095,389 46.189698%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	331,328,955 85.377325%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	378,468,820 22.259422%	937,424,343 55.134064%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	3,274,659 8.875183%	23,290,887 63.124411%	242,983 0.658548%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	7,356,791 16.769982%	26,863,637 61.236302%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	206,250,993 42.937928%	121,155,737 25.222552%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	22,762,684 88.147819%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	13,664,130 9.672228%	94,589,743 66.955861%	1,014,389 0.718040%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Multi-Family Residential		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	1,124,684 1.043795%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	6,970,725 1.050856%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	38,275 3.701830%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	38,275 3.701830%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	38,275 2.835291%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	15,990 1.429247%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0 0.000000%	38,275 3.730837%	0 0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	677,922 9.113548%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	38,275 3.701830%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	80,436 4.628917%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	31,370 7.241325%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	0.000000%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	38,275 3.701902%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	7,244,926 0.338820%	41,274,259 1.930252%	77,879 0.003642%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	6,848,276 0.521898%	24,287,475 1.850915%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	5,546,565 1.429247%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	6,848,276 0.402777%	29,834,040 1.754672%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	59,254 0.160594%	883,945 2.395722%	5,774 0.015649%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	133,119 0.303448%	791,752 1.804817%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0.000000%	0 0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	4,901,396 1.020387%	4,365,554 0.908834%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	912,147 3.532262%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	247,248 0.175016%	3,397,255 2.404766%	24,105 0.017063%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Master-Metered Mobile Home Park		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	330,973 0.307169%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	1,648,939 0.248582%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	0.011413%	118 0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	0.011413%	118 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	0.025943%	350 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	0.033080%	370 0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.011502%	118 0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	0.007259%	540 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	0.011413%	118 0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	0.040620%	706 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	0.006463%	28 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	0.000000%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	0.011413%	118 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	2,132,043 0.099708%	299,931 0.014027%	18,422 0.000862%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	2,015,317 0.153585%	74,877 0.005706%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	128,377 0.033080%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	2,015,317 0.118530%	203,254 0.011954%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	17,437 0.047260%	7,309 0.019809%	1,366 0.003702%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	39,174 0.089299%	7,239 0.016502%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0.000000%	0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	778,118 0.161991%	93,456 0.019456%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	2,812 0.010890%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	72,760 0.051504%	23,575 0.016688%	5,702 0.004036%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Small General		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	1,131,979 1.050566%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	4,557,051 0.686988%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	17,639 1.706025%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	17,639 1.706025%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	24,471 1.812724%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	21,470 1.919129%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	17,639 1.719393%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	116,250 1.562790%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	17,639 1.706025%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	17,746 1.021230%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	2,436 0.562316%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	84 1.538462%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	17,639 1.706058%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	7,291,918 0.341017%	25,719,695 1.202820%	50,913 0.002381%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	6,892,696 0.525283%	11,193,122 0.853012%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	7,447,682 1.919129%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	6,892,696 0.405390%	18,640,804 1.096348%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	59,638 0.161635%	552,553 1.497563%	3,775 0.010230%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	133,982 0.305416%	565,639 1.289387%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	3,824,003 0.796092%	5,820,980 1.211828%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	438,570 1.698349%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	248,852 0.176151%	2,052,970 1.453206%	15,758 0.011155%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Medium General		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	6,435,918 5.973040%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	44,254,437 6.671478%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	14,722 1.423845%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	0 1.423845%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	80,542 5.966292%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	79,432 7.100148%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	14,722 1.435002%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	0 1.365912%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	14,722 1.423845%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	80,558 4.635942%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	0 1.286218%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	924 16.923077%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	0 1.423872%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	41,458,532 1.938870%	58,701,922 2.745283%	494,425 0.023123%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	39,188,736 2.986520%	9,341,756 0.711922%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	27,553,974 7.100148%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	39,188,736 2.304863%	36,895,729 2.170001%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	339,076 0.918985%	1,600,132 4.336777%	36,657 0.099349%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	761,763 1.736456%	1,439,195 3.280678%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	20,283,578 4.222694%	7,684,754 1.599834%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	551,020 2.133810%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	1,414,859 1.001516%	4,924,631 3.485926%	153,032 0.108324%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Large-1 General		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	14,428,296 13.390597%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	110,051,628 16.590586%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	6,761 0.653864%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	6,761 0.653864%	0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	162,332 12.025105%	0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	37,340 3.337648%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	33,765 0.453915%	0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	0.000000%	0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	6,761 0.653864%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	115,370 6.639266%	0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	2,030 0.468597%	0.000000%
14	Extra Allocation Percent -	14	0.0000%	0.000000%	0.000000%	0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	1,728 31.648352%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	6,761 0.653877%	0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	92,943,380 4.346636%	60,403,848 2.824876%	1,229,533 0.057501%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	87,854,861 6.695298%	4,289,960 0.326932%	0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	12,952,614 3.337648%	0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	87,854,861 5.167132%	17,242,574 1.014112%	0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	760,154 2.060217%	2,827,344 7.662843%	91,158 0.247061%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	1,707,749 3.892856%	1,049,699 2.392813%	0.000000%
23	Extra Allocation Percent -	7.7	0.0000%	0.000000%	0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	45,410,604 9.453711%	6,490,160 1.351140%	0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	535,475 2.073613%	0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	3,171,887 2.245237%	6,598,174 4.670553%	380,558 0.269380%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Large-2 General		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	4,881,504 4.530421%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	36,290,451 5.470886%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	413 0.039984%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	413 0.039984%	0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	27,725 2.053804%	0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	2,781 0.248621%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	1,500 0.020165%	0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	413 67.616192%	0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	413 0.039984%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	32,406 1.864905%	0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	70 0.016159%	0.000000%
14	Extra Allocation Percent -	14	0.0000%	0.000000%	0.000000%	0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	768 14.065934%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	413 0.039985%	0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	31,445,396 1.470591%	8,573,284 0.400942%	405,449 0.018961%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	29,723,805 2.265210%	262,335 0.019992%	0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	964,838 0.248621%	0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	29,723,805 1.748188%	1,227,173 0.072175%	0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	257,182 0.697030%	470,855 1.276140%	30,060 0.081470%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	577,780 1.317064%	124,195 0.283105%	0.000000%
23	Extra Allocation Percent -	7.7	0.0000%	0.000000%	0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	10,471,973 2.180086%	2,331,670 0.485414%	0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	176,235 0.682464%	0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	1,073,140 0.759628%	1,137,304 0.805047%	125,492 0.088830%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Transportation Eligible General		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	13,938,312 12.935853%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	125,096,246 18.858604%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	198 0.019150%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	198 0.019150%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	47,868 3.545931%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0 0.000000%	2,510 0.224356%	0 0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	240 0.003226%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	198 32.383808%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0 0.000000%	198 0.019150%	0 0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	34,698 1.996764%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	14 0.003232%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0 0.000000%	1,608 29.450549%	0 0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	198 0.019150%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	89,787,029 4.199025%	13,661,742 0.638912%	1,397,617 0.065362%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	84,871,315 6.467926%	125,642 0.009575%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	870,673 0.224356%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	84,871,315 4.991657%	996,315 0.058598%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	734,339 1.990252%	805,030 2.181842%	103,619 0.280835%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	1,649,754 3.760654%	178,776 0.407524%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	29,653,992 6.173454%	2,257,200 0.469910%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	353,082 1.367299%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	3,064,170 2.168989%	1,963,531 1.389896%	432,582 0.306206%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Air Conditioning		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	22,031 0.020447%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	535,298 0.080698%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	22 0.002128%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	22 0.002128%	0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	63 0.004668%	0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	54 0.004821%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	60 0.000807%	0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	0.000000%	0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	22 0.002128%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	14 0.000793%	0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	0.000000%	0.000000%
14	Extra Allocation Percent -	14	0.0000%	0.000000%	0.000000%	0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	0.000000%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	22 0.002128%	0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	141,918 0.006637%	50,092 0.002343%	5,981 0.000280%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	134,148 0.010223%	13,960 0.001064%	0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	18,711 0.004821%	0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	134,148 0.007890%	32,671 0.001922%	0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	1,161 0.003146%	1,291 0.003500%	443 0.001202%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	2,608 0.005944%	1,150 0.002622%	0.000000%
23	Extra Allocation Percent -	7.7	0.0000%	0.000000%	0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	70,001 0.014573%	7,020 0.001461%	0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	524 0.002030%	0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	4,843 0.003428%	4,056 0.002871%	1,851 0.001310%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Street Lighting		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	796 0.000739%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	9,078 0.001369%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	72 0.006964%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	72 0.006964%	0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	0.000000%	0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	45 0.004051%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	120 0.001613%	0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	0.000000%	0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	72 0.006964%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	173 0.009932%	0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	0.000000%	0.000000%
14	Extra Allocation Percent -	14	0.0000%	0.000000%	0.000000%	0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	0.000000%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	52 0.005029%	0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	5,128 0.000240%	63,889 0.002988%	101 0.000005%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	4,847 0.000369%	45,688 0.003482%	0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	15,721 0.004051%	0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	4,847 0.000285%	61,409 0.003612%	0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	42 0.000114%	496 0.001343%	8 0.000020%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	94 0.000215%	1,467 0.003344%	0.000000%
23	Extra Allocation Percent -	7.7	0.0000%	0.000000%	0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	6,286 0.001309%	0.000000%	0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	1,716 0.006645%	0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	175 0.000124%	4,352 0.003081%	31 0.000022%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description	Allocation Factor No.	Total	Compression on Customer's Premises		
				Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	509,574 0.472925%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	6,091,491 0.918309%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	100 0.009672%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	100 0.009672%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	920 0.068157%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0 0.000000%	484 0.043265%	0 0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	600 0.008066%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0 0.000000%	100 0.009672%	0 0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	3,585 0.206327%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	14 0.003232%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0 0.000000%	168 3.076923%	0 0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	100 0.009672%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	3,282,545 0.153513%	478,113 0.022360%	68,056 0.003183%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	3,102,830 0.236462%	63,455 0.004836%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	167,901 0.043265%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	3,102,830 0.182491%	231,357 0.013607%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	26,847 0.072762%	16,967 0.045985%	5,046 0.013675%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	60,314 0.137487%	10,191 0.023230%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	1,307,843 0.272271%	96,269 0.020042%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	38,779 0.150172%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	112,024 0.079297%	82,180 0.058172%	21,064 0.014911%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Electric Generation		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	2,009,550 1.865021%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	19,349,025 2.916919%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	24 0.002321%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	24 0.002321%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	3,197 0.236810%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	193 0.017268%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	24 0.002321%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	1,638 0.094267%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	96 1.758242%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	24 0.002321%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	12,945,005 0.605393%	928,455 0.043421%	216,174 0.010110%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	12,236,285 0.932510%	15,229 0.001161%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	67,012 0.017268%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	12,236,285 0.719670%	82,242 0.004837%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	105,873 0.286944%	53,879 0.146025%	16,027 0.043438%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	237,853 0.542191%	12,399 0.028263%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0.000000%	0 0.000000%	0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	2,983,814 0.621179%	99,618 0.020739%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	21,370 0.082754%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	441,775 0.312713%	129,456 0.091636%	66,909 0.047362%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Allocation Factor No. (b)	Total (c)	Small Essential Agricultural User		
				Demand (d)	Customer (e)	Commodity (f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	494,925 0.459329%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	4,508,532 0.679674%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	81 0.007826%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0 0.000000%	81 0.007826%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0 0.000000%	1,943 0.143927%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	1,783 0.159333%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0 0.000000%	1,860 0.025005%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	81 0.007826%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0 0.000000%	2,584 0.148676%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0 0.000000%	0 0.000000%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	84 1.538462%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0 0.000000%	81 0.007826%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	3,188,180 0.149100%	1,186,273 0.055478%	50,371 0.002356%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	3,013,631 0.229665%	51,346 0.003913%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0 0.000000%	618,334 0.159333%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	3,013,631 0.177245%	669,680 0.039387%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	26,075 0.070670%	36,799 0.099735%	3,734 0.010121%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	58,580 0.133534%	29,628 0.067538%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0 0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	1,264,057 0.263155%	116,520 0.024257%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0 0.000000%	20,126 0.077939%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	108,803 0.077017%	117,317 0.083043%	15,590 0.011036%

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
DEVELOPMENT OF ALLOCATION FACTORS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description	Allocation Factor No.	Total	Natural Gas Engine		
				Demand	Customer	Commodity
	(a)	(b)	(c)	(d)	(e)	(f)
<u>Allocation Factors</u>						
1	Coincident Peak (CP) Monthly Demand Allocation Percent -	1	107,749,463 100.0000%	285,451 0.264921%	0.000000%	0.000000%
2	Extra Allocation Percent -	2	0.0000%	0.000000%	0.000000%	0.000000%
3	Throughput Allocation Percent -	3	663,337,787 100.0000%	0.000000%	0.000000%	10,629,186 1.602379%
4	Customers Allocation Percent -	4	1,033,944 100.0000%	0.000000%	368 0.035584%	0.000000%
5	Customers With Mains Allocation Percent -	5	1,033,944 100.0000%	0.000000%	0 0.035584%	0 0.000000%
6	Meters for Customers Allocation Percent -	6	1,349,944 100.0000%	0.000000%	7,107 0.526495%	0 0.000000%
7	Service Lines for Customers Allocation Percent -	7	1,118,741 100.0000%	0.000000%	1,138 0.101706%	0.000000%
8	Residential, MMMHP, Small & Medium Allocation Percent -	8	1,025,905 100.0000%	0.000000%	0.000000%	0.000000%
9	Service Establishment & Reconnect Charges Allocation Percent -	9	7,438,618 100.0000%	0.000000%	2,940 0.039523%	0 0.000000%
10	Industrial Meas & Reg Allocation Percent -	10	611 100.0000%	0.000000%	0 0.000000%	0 0.000000%
11	Meter Reading (Bills with Meters) Allocation Percent -	11	1,033,944 100.0000%	0.000000%	368 0.035584%	0.000000%
12	Late Fees Allocation Percent -	12	1,737,690 100.0000%	0.000000%	3,974 0.228667%	0 0.000000%
13	Return Item Fees Allocation Percent -	13	433,208 100.0000%	0.000000%	28 0.006463%	0 0.000000%
14	Extra Allocation Percent -	14	0 0.0000%	0.000000%	0 0.000000%	0 0.000000%
15	KAM Direct Allocation Allocation Percent -	15	5,460 100.0000%	0.000000%	0.000000%	0.000000%
16	Customers with Gas Light Count Allocation Percent -	16	1,033,924 100.0000%	0.000000%	368 0.035585%	0 0.000000%
<u>Internally Generated Allocation Factors</u>						
17	Net Distribution Plant Allocation Percent -	1.1	2,138,282,997 100.0000%	1,838,802 0.085994%	2,520,368 0.117869%	118,753 0.005554%
18	Distribution Mains (Account 376) Allocation Percent -	2.2	1,312,187,395 100.0000%	1,738,130 0.132461%	233,463 0.017792%	0 0.000000%
19	Distribution Services (Account 380) Allocation Percent -	3.3	388,076,054 100.0000%	0.000000%	394,698 0.101706%	0 0.000000%
20	Distribution Mains & Services (Accounts 376, 380) Allocation Percent -	4.4	1,700,263,450 100.0000%	1,738,130 0.102227%	628,161 0.036945%	0 0.000000%
21	Allocable Distribution Operating Expenses Allocation Percent -	5.5	36,896,798 100.0000%	15,039 0.040760%	123,083 0.333588%	8,804 0.023862%
22	Allocable Distribution Maintenance Expenses Allocation Percent -	6.6	43,868,809 100.0000%	33,786 0.077017%	40,496 0.092311%	0 0.000000%
23	Extra Allocation Percent -	7.7	0 0.0000%	0.000000%	0 0.000000%	0 0.000000%
24	Net Operating Margin w/o SPECC and Optional Allocation Percent -	Net Op Margin	480,346,864 100.0000%	2,345,330 0.488258%	275,938 0.057446%	0 0.000000%
25	Customer Accounting Expense (Accounts 902-904) Allocation Percent -	10.1	25,823,310 100.0000%	0.000000%	8,768 0.033954%	0 0.000000%
26	Total Operations and Maintenance Expense Allocation Percent -	11.2	141,271,789 100.0000%	62,753 0.044420%	266,006 0.188294%	36,756 0.026018%

Schedule H

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF REVENUES AT PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description	Schedule Number	Revenues		Increase/(Decrease)		Line No.
			Present Rates [1]	Proposed Rates [2]	Dollars	Percent	
	(a)	(b)	(c)	(d)	(e)	(f)	
<u>Residential Service</u>							
1	Single-Family Residential Gas Service	G-5	\$ 452,704,123	\$ 466,805,288	\$ 14,101,165	3.11%	1
2	Multi-Family Residential Gas Service	G-6	11,495,354	11,808,294	312,940	2.72%	2
3	Single-Family Low Income Residential Gas Service	G-10	17,071,701	17,643,668	571,967	3.35%	3
4	Multi-Family Low Income Residential Gas Service	G-11	1,156,302	1,192,106	35,804	3.10%	4
5	Special Residential Gas Service for Air Conditioning	G-15	67,846	76,356	8,510	12.54%	5
6	Master-Metered Mobile Home Park Gas Service	G-20	1,672,233	1,691,245	19,012	1.14%	6
<u>General Gas Service</u>							
7	Small	G-25	11,856,716	12,160,945	304,229	2.57%	7
8	Medium		49,276,982	50,185,084	908,102	1.84%	8
9	Large-1		104,038,094	105,451,156	1,413,062	1.36%	9
10	Large-2		27,485,571	27,836,862	351,291	1.28%	10
11	Transportation Eligible		43,285,123	44,163,435	878,312	2.03%	11
12	Optional Gas Service	G-30	3,432,235	3,432,235	0	0.00%	12
13	Air Conditioning Gas Service	G-40	189,515	191,196	1,681	0.89%	13
14	Street Lighting Gas Service	G-45	10,694	15,528	4,834	45.20%	14
<u>Gas Service for Compression on Customer's Premises</u>							
15	Residential	G-55	35,956	36,177	221	0.61%	15
16	Small		56,867	57,267	400	0.70%	16
17	Large		1,996,797	2,029,070	32,273	1.62%	17
18	Electric Generation Gas Service	G-60	3,243,850	3,356,460	112,610	3.47%	18
19	Small Essential Agriculture User Gas Service	G-75	2,893,572	2,931,128	37,556	1.30%	19
20	Natural Gas Engine Gas Service	G-80	6,028,560	6,073,521	44,961	0.75%	20
21	Total Gas Sales		<u>\$ 737,998,091</u>	<u>\$ 757,137,021</u>	<u>\$ 19,138,930</u>	<u>2.59%</u>	21
22	Special Contract Service	B-1	2,625,043	2,625,043	0	0.00%	22
23	Other Operating Revenue		<u>10,498,074</u>	<u>10,498,074</u>	<u>0</u>	<u>0.00%</u>	23
24	Total Arizona Revenue		<u>\$ 751,121,209</u>	<u>\$ 770,260,139</u>	<u>\$ 19,138,930</u>	<u>2.55%</u>	24
25	Total Requirement			<u>\$ 770,260,139</u>			25
26	Over/(Under) Requirement			<u>\$ 0</u>			26

[1] Schedule H-2, Sheets 5-8.

[2] Schedule H-2, Sheets 1-4.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF MARGIN AT PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Schedule Number (b)	Margin					Proposed Rates [5] (g)	Increase/(Decrease) (i)		Line No.
			Present Rates [1] (c)	EEP Adjustment [2] (d)	Present Rates [3] (e)	Adjusted Revenue at Service Adjustment [4] (f)	Cost of Service (f)		Dollars (h)	Percent (i)	
Residential Service											
1	Single-Family Residential Gas Service	G-5	\$ 315,847,007	\$ (4,706,214)	\$ 311,140,793	\$ 18,807,379	\$ 329,948,172	\$ 18,807,379	6.04%	1	
2	Multi-Family Residential Gas Service	G-6	8,458,151	139,995	8,598,146	172,945	8,771,091	172,945	2.01%	2	
3	Single-Family Low Income Residential Gas Service	G-10	11,520,549	123,378	11,643,927	448,589	12,092,516	448,589	3.85%	3	
4	Multi-Family Low Income Residential Gas Service	G-11	808,799	32,565	841,364	3,239	844,603	3,239	0.39%	4	
5	Special Residential Gas Service for Air Conditioning	G-15	39,174	0	39,174	8,511	47,685	8,511	21.73%	5	
6	Master-Metered Mobile Home Park Gas Service	G-20	871,574	0	871,574	19,012	890,586	19,012	2.18%	6	
General Gas Service											
7	Small	G-25	9,644,983	(460,535)	9,184,448	764,764	9,949,212	764,764	8.33%	7	
8	Medium		27,968,332	(3,045,587)	24,922,745	3,953,689	28,876,434	3,953,689	15.86%	8	
9	Large-1		51,900,764	(4,398,336)	47,502,428	5,811,398	53,313,826	5,811,398	12.23%	9	
10	Large-2		12,803,643	(473,743)	12,329,900	825,034	13,154,934	825,034	6.69%	10	
11	Transportation Eligible		31,911,192	0	31,911,192	878,312	32,789,504	878,312	2.75%	11	
12	Optional Gas Service	G-30	999,902	0	999,902	0	999,902	0	0.00%	12	
13	Air Conditioning Gas Service	G-40	77,021	0	77,021	1,681	78,702	1,681	2.18%	13	
14	Street Lighting Gas Service	G-45	6,286	0	6,286	4,834	11,120	4,834	76.90%	14	
Gas Service for Compression on Customer's Premises											
15	Residential	G-55	16,099	0	16,099	221	16,320	221	1.37%	15	
16	Small		20,868	0	20,868	400	21,268	400	1.92%	16	
17	Large		1,367,145	0	1,367,145	32,273	1,399,418	32,273	2.36%	17	
18	Electric Generation Gas Service	G-60	3,083,432	0	3,083,432	112,610	3,196,042	112,610	3.65%	18	
19	Small Essential Agriculture User Gas Service	G-75	1,380,577	0	1,380,577	37,556	1,418,133	37,556	2.72%	19	
20	Natural Gas Engine Gas Service	G-80	2,621,268	0	2,621,268	44,961	2,666,229	44,961	1.72%	20	
21	Total Sales and Full Margin Transportation		\$ 481,346,766	\$ (12,788,478)	\$ 468,558,288	\$ 31,927,409	\$ 500,485,697	\$ 31,927,409	6.81%	21	
22	Special Contract Service	B-1	2,625,043	0	2,625,043	0	2,625,043	0	0.00%	22	
23	Other Operating Revenue		10,498,074	0	10,498,074	0	10,498,074	0	0.00%	23	
24	Total Arizona Margin		\$ 494,469,893	\$ (12,788,478)	\$ 481,681,406	\$ 31,927,409	\$ 513,608,814	\$ 31,927,409	6.63%	24	
25	Total Margin Requirement						\$ 513,608,301			25	
26	Over/(Under) Requirement						\$ 514			26	

[1] Schedule H-2, Sheets 5-8.
 [2] Adjustment to authorized margin per customer for test period volumes.
 [3] Test period margin at authorized margin per customer from 2010 Arizona General Rate Case.
 [4] Adjustment to reflect the cost of service.
 [5] Schedule H-2, Sheets 1-4.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED REVENUES BY RATE COMPONENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants										Revenue at Proposed Rates		Revenue at Present Rates (f)	Increase/Decrease Dollars (m)	Line No.		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge (f)	Total Margin (g)	Gas Cost (h)	Total Revenue (k)	Percent (n)									
G-5																			
1	Single-Family Residential Gas Service		10,996,641		\$ 10.70	\$ 117,664,059	\$ 117,664,059	\$ 117,664,059	\$ 117,664,059	\$ 117,664,059	\$ 0	0.00%	1						
2	Basic Service Charge per Month				\$ 0.75317	\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 0	0.00%	2						
3	Commodity Charge per Therm		10,996,641	281,854,180		\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 212,284,113	\$ 0	0.00%	3						
G-6																			
4	Multi-Family Residential Gas Service		418,554		\$ 9.70	\$ 4,059,974	\$ 4,059,974	\$ 4,059,974	\$ 4,059,974	\$ 4,059,974	\$ 0	0.00%	4						
5	Basic Service Charge per Month				\$ 0.75317	\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 0	0.00%	5						
6	Commodity Charge per Therm		418,554	6,255,051		\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 4,711,117	\$ 0	0.00%	6						
G-10																			
7	Single-Family Low Income Residential Gas Service		464,256		\$ 7.50	\$ 3,481,920	\$ 3,481,920	\$ 3,481,920	\$ 3,481,920	\$ 3,481,920	\$ 0	0.00%	7						
8	Basic Service Charge				\$ 0.75317	\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 0	0.00%	8						
9	Commodity Charge per Therm		464,256	2,478,418		\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 1,866,670	\$ 0	0.00%	9						
10	Summer (April - November)			8,519,734		\$ 6,416,808	\$ 6,416,808	\$ 6,416,808	\$ 6,416,808	\$ 6,416,808	\$ 0	0.00%	10						
11	Winter (December - March)			434,321		\$ 327,118	\$ 327,118	\$ 327,118	\$ 327,118	\$ 327,118	\$ 0	0.00%	11						
G-11																			
12	Multi-Family Low Income Residential Gas Service		40,744		\$ 7.50	\$ 305,580	\$ 305,580	\$ 305,580	\$ 305,580	\$ 305,580	\$ 0	0.00%	12						
13	Basic Service Charge per Month				\$ 0.75317	\$ 154,837	\$ 154,837	\$ 154,837	\$ 154,837	\$ 154,837	\$ 0	0.00%	13						
14	Commodity Charge per Therm		40,744	205,581		\$ 381,017	\$ 381,017	\$ 381,017	\$ 381,017	\$ 381,017	\$ 0	0.00%	14						
15	Summer (April - November)			505,885		\$ 3,169	\$ 3,169	\$ 3,169	\$ 3,169	\$ 3,169	\$ 0	0.00%	15						
16	Winter (December - March)			4,208		\$ 2,043	\$ 2,043	\$ 2,043	\$ 2,043	\$ 2,043	\$ 0	0.00%	16						
G-15																			
17	Special Residential Gas Service for Air Conditioning		912		\$ 10.70	\$ 9,758	\$ 9,758	\$ 9,758	\$ 9,758	\$ 9,758	\$ 0	0.00%	17						
18	Basic Service Charge per Month				\$ 0.75317	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 0	0.00%	18						
19	Commodity Charge per Therm		912	35,731		\$ 26,912	\$ 26,912	\$ 26,912	\$ 26,912	\$ 26,912	\$ 0	0.00%	19						
20	Summer (April - November)			59,047		\$ 37,927	\$ 37,927	\$ 37,927	\$ 37,927	\$ 37,927	\$ 0	0.00%	20						
21	Over 15 Therms				\$ 0.13391	\$ 1,415	\$ 1,415	\$ 1,415	\$ 1,415	\$ 1,415	\$ 0	0.00%	21						
22	Winter (December - March)				\$ 0.75317	\$ 47,685	\$ 47,685	\$ 47,685	\$ 47,685	\$ 47,685	\$ 0	0.00%	22						
G-20																			
23	Master-Metered Mobile Home Park Gas Service		1,416		\$ 66.00	\$ 93,456	\$ 93,456	\$ 93,456	\$ 93,456	\$ 93,456	\$ 0	0.00%	23						
24	Basic Service Charge per Month				\$ 0.48342	\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 0	0.00%	24						
25	Commodity Charge per Therm All Usage		1,416	1,648,939		\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 0	0.00%	25						
Total MWHHP																			
			11,921,107	300,316,425		\$ 226,182,776	\$ 226,182,776	\$ 226,182,776	\$ 226,182,776	\$ 226,182,776	\$ 0	0.00%	22						
			1,416			\$ 93,456	\$ 93,456	\$ 93,456	\$ 93,456	\$ 93,456	\$ 0	0.00%	23						
					\$ 0.48342	\$ 1,597,789	\$ 1,597,789	\$ 1,597,789	\$ 1,597,789	\$ 1,597,789	\$ 0	0.00%	24						
			1,416	1,648,939		\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 797,130	\$ 0	0.00%	25						

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED REVENUES BY RATE COMPONENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants							Revenue at Proposed Rates					Revenue at Present Rates [3] (i)	Increase/Decrease Dollars (m)	Line No.
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge [1] (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (j)	Gas Cost [2] (k)	Total Revenue (k)	Percent (n)					
G-25(S)																	
	General Gas Service - Small																
1	Basic Service Charge Per Month				\$ 27.50	\$ 5,818,670	\$ 4,126,232	\$ 5,818,670	\$ 4,126,232	\$ 2,310	\$ 2,310	\$ 5,818,670	\$ 5,818,670	\$ 0	0.00%	1	
2	Transportation Customers		211,568	84	27.50	2,310		2,310				2,310	2,310	0	0.00%	2	
3	Commodity Charge per Therm All Usage				\$ 0.90590	\$ 4,555,014	\$ 4,126,387	\$ 4,126,387	\$ 4,126,387	\$ 2,211,733	\$ 6,034,027	\$ 6,034,027	\$ 6,034,027	\$ 304,093	5.04%	3	
4	Transportation Customers				0.90590	2,037	1,845	1,845	1,845	0	1,709	1,709	1,709	136	7.96%	4	
5	Total Small General		211,672	4,557,051	\$ 5,820,980	\$ 4,126,232	\$ 9,949,212	\$ 9,949,212	\$ 2,211,733	\$ 12,160,945	\$ 12,160,945	\$ 11,856,716	\$ 304,229	2.57%	5		
G-25(M)																	
	General Gas Service - Medium																
6	Basic Service Charge Per Month				\$ 43.50	\$ 7,644,560	\$ 4,194	\$ 7,644,560	\$ 4,194	\$ 40,194	\$ 40,194	\$ 7,644,560	\$ 7,644,560	\$ 0	0.00%	6	
7	Transportation Customers		175,737	924	43.50	40,194		40,194				40,194	40,194	0	0.00%	7	
8	Commodity Charge per Therm All Usage				\$ 0.47886	\$ 43,884,689	\$ 21,014,622	\$ 21,014,622	\$ 21,014,622	\$ 21,308,650	\$ 42,323,272	\$ 41,422,758	\$ 900,514	2.17%	8		
9	Transportation Customers				0.47886	369,748	177,058	177,058	177,058	0	169,470	169,470	7,588	4.48%	9		
10	Total Medium General		176,661	44,254,437	\$ 7,684,754	\$ 21,191,680	\$ 28,876,434	\$ 28,876,434	\$ 21,308,650	\$ 50,185,084	\$ 49,276,982	\$ 908,102	\$ 908,102	1.84%	10		
G-25(L1)																	
	General Gas Service - Large-1																
11	Basic Service Charge Per Month				\$ 80.00	\$ 6,351,920	\$ 1,382,240	\$ 6,351,920	\$ 1,382,240	\$ 138,240	\$ 138,240	\$ 6,351,920	\$ 6,351,920	\$ 0	0.00%	11	
12	Transportation Customers		79,399	1,728	80.00	138,240		138,240				138,240	138,240	0	0.00%	12	
13	Commodity Charge per Therm All Usage				\$ 0.42547	\$ 107,375,670	\$ 45,685,126	\$ 45,685,126	\$ 45,685,126	\$ 52,137,330	\$ 97,822,456	\$ 96,443,753	\$ 1,378,703	1.43%	13		
14	Transportation Customers				0.42547	2,675,958	1,136,540	1,136,540	1,136,540	0	1,138,540	1,104,181	34,359	3.11%	14		
15	Total Large-1 General		81,127	110,051,628	\$ 6,490,160	\$ 46,823,666	\$ 53,313,826	\$ 53,313,826	\$ 62,137,330	\$ 105,451,156	\$ 104,038,094	\$ 1,413,062	\$ 1,413,062	1.36%	15		
G-25(L2)																	
	General Gas Service - Large-2																
16	Basic Service Charge Per Month				\$ 470.00	\$ 1,970,710	\$ 360,960	\$ 1,970,710	\$ 360,960	\$ 360,960	\$ 360,960	\$ 1,970,710	\$ 1,970,710	\$ 0	0.00%	16	
17	Transportation Customers		4,193	768	470.00	360,960		360,960				360,960	360,960	0	0.00%	17	
18	Commodity Charge per Therm All Usage				\$ 0.29824	\$ 30,237,104	\$ 9,017,914	\$ 9,017,914	\$ 9,017,914	\$ 14,661,928	\$ 23,699,842	\$ 23,407,147	\$ 292,695	1.25%	18		
19	Transportation Customers				0.29824	6,063,347	1,805,350	1,805,350	1,805,350	0	1,746,754	58,596	3.35%	19			
20	Total Large-2 General		4,981	36,290,451	\$ 2,331,670	\$ 10,823,284	\$ 13,154,934	\$ 13,154,934	\$ 14,661,928	\$ 27,856,862	\$ 27,485,571	\$ 351,291	\$ 351,291	1.28%	20		
G-25(TE)																	
	General Gas Service - Transportation Eligible																
21	Basic Service Charge Per Month				\$ 950.00	\$ 729,600	\$ 1,527,600	\$ 729,600	\$ 1,527,600	\$ 1,527,600	\$ 1,527,600	\$ 729,600	\$ 729,600	\$ 0	0.00%	21	
22	Transportation Customers		768	1,608	950.00	1,527,600		1,527,600				1,527,600	1,527,600	0	0.00%	22	
23	Demand Charge per Month				\$ 0.083392	\$ 3,505,894	\$ 12,664,754	\$ 3,505,894	\$ 12,664,754	\$ 12,664,754	\$ 12,664,754	\$ 3,466,670	\$ 39,224	1.13%	23		
24	Transportation Customers				0.083392	12,665,844	12,664,754	12,665,894	12,664,754	12,664,754	12,664,754	12,523,059	141,695	1.13%	24		
25	Commodity Charge per Therm (All Usage)				\$ 0.11481	\$ 23,424,358	\$ 11,672,949	\$ 11,672,949	\$ 11,672,949	\$ 11,373,931	\$ 14,063,282	\$ 13,932,574	\$ 130,708	0.94%	25		
26	Transportation Customers		2,376	125,096,246	\$ 0.11481	101,671,888	11,672,949	11,672,949	11,672,949	0	11,672,949	11,005,620	667,329	5.11%	26		
27	Total Transportation Eligible General		2,376	125,096,246	\$ 2,257,200	\$ 30,532,948	\$ 32,790,148	\$ 32,790,148	\$ 11,373,931	\$ 44,164,079	\$ 43,285,123	\$ 878,956	\$ 878,956	2.03%	27		
28	Total General Gas Service		476,797	320,249,813	\$ 24,584,764	\$ 113,499,790	\$ 138,084,554	\$ 138,084,554	\$ 101,713,572	\$ 239,798,126	\$ 235,942,486	\$ 3,855,640	\$ 3,855,640	1.63%	28		

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED REVENUES BY RATE COMPONENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants										Revenue at Proposed Rates		Increase/Decrease Dollars (m)	Line No.				
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge [1] (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)	Revenue at Present Rates [3] (l)								
Air Conditioning Gas Service																				
Basic Service Charge																				
1	Sales - With Other Service - No BSC	G-40	60	\$	0.00	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0	0.00%	1	
2	General Service - Small		168		27.50		4,620		4,620		4,620		4,620		4,620		0	0.00%	2	
3	General Service - Medium		0		43.50		0		0		0		0		0		0	0.00%	3	
4	General Service - Large		12		80.00		960		960		960		960		960		0	0.00%	4	
5	Essential Agricultural		12		120.00		1,440		1,440		1,440		1,440		1,440		0	0.00%	5	
6	Transportation - With Other Service - No BSC		12		0.00		0		0		0		0		0		0	0.00%	6	
7	Commodity Charge per Therm All Usage			231,679		0.13391		31,024		31,024		112,494		143,518		142,791		727	0.51%	7
8	Sales Customers			303,619		0.13391		40,658		40,658		0		40,658		39,704		954	2.40%	8
9	Transportation Customers			535,288				78,702		78,702		112,494		191,196		189,515		1,681	0.89%	9
Total Air Conditioning																				
10	Commodity Charge per Therm of Rated Capacity	G-45	72	9,078		1.22494		11,120		11,120		4,408		15,528		10,694		4,834	45.20%	10
11	Total Street Lighting		72	9,078		1.22494		11,120		11,120		4,408		15,528		10,694		4,834	45.20%	11
Gas Service for Compression on Customer's Premises																				
Basic Service Charge																				
12	Small	G-55	180	\$	27.50		4,950		4,950		4,950		4,950		4,950		0	0.00%	12	
13	Large		168		250.00		42,000		42,000		42,000		42,000		42,000		0	0.00%	13	
14	Residential		684		10.70		7,319		7,319		7,319		7,319		7,319		0	0.00%	14	
15	Transportation Customers		168		250.00		42,000		42,000		42,000		42,000		42,000		0	0.00%	15	
Commodity Charge per Therm All Usage																				
16	Small			74,140		0.22010		16,318		16,318		35,999		52,317		51,917		400	0.77%	16
17	Large			1,296,754		0.22010		285,416		285,416		629,652		915,068		908,065		7,003	0.77%	17
18	Residential			40,896		0.22010		9,001		9,001		19,857		28,858		28,637		221	0.77%	18
19	Transportation Customers			4,679,701		0.22010		1,030,002		1,030,002		0		1,030,002		1,004,732		25,270	2.52%	19
20	Total CNG		1,200	6,091,491			1,340,737		1,437,006		685,508		2,122,514		2,089,620		32,894		1.57%	20
Electric Generation Gas Service																				
Basic Service Charge																				
1	General Service - Small	G-60	96	\$	27.50		2,640		2,640		2,640		2,640		2,640		0	0.00%	1	
2	General Service - Medium		48		43.50		2,088		2,088		2,088		2,088		2,088		0	0.00%	2	
3	General Service - Large		24		80.00		1,920		1,920		1,920		1,920		1,920		0	0.00%	3	
4	General Service - TE		12		950.00		11,400		11,400		11,400		11,400		11,400		0	0.00%	4	
5	Essential Agricultural		12		120.00		1,440		1,440		1,440		1,440		1,440		0	0.00%	5	
6	Transportation - General Service - Small		12		27.50		330		330		330		330		330		0	0.00%	6	
7	Transportation - General Service - TE		84		950.00		79,800		79,800		79,800		79,800		79,800		0	0.00%	7	
Commodity Charge per Therm All Usage																				
8	Sales Customers			330,378		0.16003		52,870		52,870		160,418		213,288		211,366		1,922	0.91%	8
9	Transportation Customers			19,018,647		0.16003		3,043,554		3,043,554		160,418		3,043,554		2,932,866		110,688	3.77%	9
10	Total Electric Generation		288	19,349,025			3,096,424		3,196,042		160,418		3,356,460		3,243,650		112,810		3.47%	10
Small Essential Agriculture User Gas Service																				
Basic Service Charge Per Month																				
11	Sales Customers	G-75	887	\$	120.00		106,440		106,440		106,440		106,440		106,440		0	0.00%	11	
12	Transportation Customers		84		120.00		10,080		10,080		10,080		10,080		10,080		0	0.00%	12	
Commodity Charge per Therm All Usage																				
13	Sales Customers			3,115,979		0.28870		895,583		895,583		1,512,995		2,412,578		2,386,622		25,956	1.09%	13
14	Transportation Customers			1,392,553		0.28870		402,030		402,030		0		402,030		390,430		11,600	2.97%	14
15	Total Small Essential Agricultural		971	4,508,532			1,301,613		1,418,133		1,512,995		2,931,128		2,893,572		37,556		1.30%	15

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED REVENUES BY RATE COMPONENT
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants										Revenue at Proposed Rates		Line No.		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge [1] (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)	Revenue at Present Rates [3] (l)	Increase/Decrease Dollars (m)	Percent (n)			
Natural Gas Engine Gas Service																	
Basic Service Charge																	
16	Off-Peak Season (October - March)	G-80	2,208		\$ 0.00		\$ 0						\$ 0		0	0.00%	16
17	Peak Season (April - September)		2,208		125.00			275,938					275,938		0	0.00%	17
18	Transportation Customers - Off-Peak		0		0.00			0					0		0	0.00%	18
19	Transportation Customers - Peak		0		125.00			0					0		0	0.00%	19
Commodity Charge per Therm All Usage																	
20	Sales Customers			10,629,186	\$ 0.22488			2,390,291					5,797,583		44,961	0.78%	20
21	Transportation Customers			0	0.22488			0					0		0	0.00%	21
22	Total Natural Gas Engine		4,415	10,629,186				2,390,291					6,073,521		44,961	0.75%	22
23	Total Tariff Sales		12,406,530	663,337,787				499,486,439					753,705,430		19,139,574	2.61%	23
24	Optional Gas Service	G-30	24	6,863,992				999,902					3,432,235		0	0.00%	24
25	Potential Bypass/Standby Gas Service	B-1	184	32,351,848				2,625,043					2,625,043		0	0.00%	25
26	Other Operating Revenues							10,498,074					10,498,074		0	0.00%	26
27	EEP Adjustment														12,788,478		27
28	Total		12,406,738	702,553,627				513,609,458					770,260,783		31,928,062	4.25%	28
29	Total Revenue Requirement							513,608,301									29
30	Over/(Under)							1,159									30

[1] Calculated rates to recover proposed Margin per Schedule H-1, Sheet 2.

[2] Gas Cost rate effective on November 30, 2015.

[3] Schedule H-2, Sheets 5-8.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF REVENUES AT PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants			Present Margin Rates [1]			Margin at Present Rates			Revenue at Present Rates		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)	Line No.		
Single-Family Residential Gas Service														
1	Basic Service Charge per Month	G-5	10,996,641		\$ 10.70		\$ 117,664,059		\$ 117,664,059		\$ 117,664,059			1
2	Commodity Charge per Therm			281,854,180		\$ 0.70314		\$ 198,182,948		\$ 136,857,116			2	
3	All Usage		10,996,641	281,854,180				\$ 117,664,059		\$ 315,847,007		\$ 452,704,123	3	
Multi-Family Residential Gas Service														
4	Basic Service Charge per Month	G-6	418,554		\$ 9.70		\$ 4,059,974		\$ 4,059,974		\$ 4,059,974			4
5	Commodity Charge per Therm			6,255,051		\$ 0.70314		\$ 4,398,177		\$ 3,037,203			5	
6	All Usage		418,554	6,255,051				\$ 4,059,974		\$ 8,458,151		\$ 3,037,203	6	
Single-Family Low Income Residential Gas Service														
7	Basic Service Charge per Month	G-10	464,256		\$ 7.50		\$ 3,481,920		\$ 3,481,920		\$ 3,481,920			7
8	Commodity Charge per Therm			2,478,418		\$ 0.70314		\$ 1,742,675		\$ 1,203,421			8	
9	All Usage		464,256	2,478,418				\$ 1,742,675		\$ 1,203,421		\$ 2,946,096	9	
10	Winter (November - April)			8,519,734		0.70314		5,990,566		4,136,842		10,127,408	10	
11	Over 150 Therms			434,321		0.70314		305,388		210,889		516,277	11	
12	Total Single-Family Low-Income		464,256	11,432,473				\$ 3,481,920		\$ 5,551,152		\$ 17,071,701	12	
Multi-Family Low Income Residential Gas Service														
13	Basic Service Charge per Month	G-11	40,744		\$ 7.50		\$ 305,580		\$ 305,580		\$ 305,580			13
14	Commodity Charge per Therm			205,581		\$ 0.70314		\$ 144,552		\$ 99,822			14	
15	All Usage		40,744	205,581				\$ 144,552		\$ 99,822		\$ 244,374	15	
16	Winter (November - April)			505,885		0.70314		355,708		245,638		601,346	16	
17	Over 150 Therms			4,208		0.70314		2,959		2,043		5,002	17	
18	Total Multi-Family Low-Income		40,744	715,674				\$ 305,580		\$ 347,503		\$ 1,156,302	18	
Special Residential Gas Service for Air Conditioning														
19	Basic Service Charge per Month	G-15	912		\$ 10.70		\$ 9,758		\$ 9,758		\$ 9,758			19
20	Commodity Charge per Therm			2,172		\$ 0.70314		\$ 1,527		\$ 1,055			20	
21	All Usage		912	2,172				\$ 1,527		\$ 1,055		\$ 2,582	21	
22	Winter (November - April)			21,144		0.13077		2,765		10,267		13,032	22	
23	Over 150 Therms			35,731		0.70314		25,124		17,350		42,474	23	
24	Total Special Residential AC		912	59,047				\$ 9,758		\$ 28,672		\$ 67,846	24	
25	Total Residential Gas Service		11,921,107	300,316,425				\$ 125,521,291		\$ 145,821,646		\$ 482,495,326	25	
Master-Metered Mobile Home Park Gas Service														
26	Basic Service Charge per Month	G-20	1,416		\$ 66.00		\$ 93,456		\$ 93,456		\$ 93,456			26
27	Commodity Charge per Therm All Usage			1,648,939		\$ 0.47189		\$ 778,118		\$ 800,659		\$ 1,578,777	27	
28	All Usage		1,416	1,648,939				\$ 778,118		\$ 800,659		\$ 1,672,233	28	
29	Total MMMHP		1,416	1,648,939				\$ 778,118		\$ 800,659		\$ 1,672,233	29	

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF REVENUES AT PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants			Present Margin Rates [1]			Margin at Present Rates			Revenue at Present Rates		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)	Line No.		
General Gas Service - Small														
Basic Service Charge Per Month														
1	Sales Customers	G-25(S)	211,588		\$ 27.50		\$ 5,818,670		\$ 5,818,670		\$ 5,818,670		1	
2	Transportation Customers		84		27.50		2,310		2,310		2,310		2	
3	Commodity Charge per Therm All Usage			4,555,014	\$ 0.83914		3,822,294		3,822,294		2,211,733		3	
4	Sales Customers			2,037	0.83914		1,709		1,709		0		4	
5	Transportation Customers			4,557,051		\$ 5,820,980		\$ 9,644,983		\$ 2,211,733		\$ 11,856,716	5	
General Gas Service - Medium														
Basic Service Charge Per Month														
6	Sales Customers	G-25(M)	175,737		\$ 43.50		\$ 7,644,560		\$ 7,644,560		\$ 7,644,560		6	
7	Transportation Customers		924		43.50		40,194		40,194		40,194		7	
8	Commodity Charge per Therm All Usage			43,884,689	\$ 0.45834		20,114,108		20,114,108		21,308,650		8	
9	Sales Customers			369,748	0.45834		169,470		169,470		0		9	
10	Transportation Customers			44,254,437		\$ 7,684,754		\$ 20,283,578		\$ 27,968,332		\$ 21,308,650	10	
General Gas Service - Large-1														
Basic Service Charge Per Month														
11	Sales Customers	G-25(L1)	79,399		\$ 80.00		\$ 6,351,920		\$ 6,351,920		\$ 6,351,920		11	
12	Transportation Customers		1,728		80.00		138,240		138,240		138,240		12	
13	Commodity Charge per Therm All Usage			107,375,670	\$ 0.41263		44,306,423		44,306,423		52,137,330		13	
14	Sales Customers			2,675,958	0.41263		1,104,181		1,104,181		0		14	
15	Transportation Customers			110,051,628		\$ 6,490,160		\$ 45,410,604		\$ 51,900,764		\$ 52,137,330	15	
General Gas Service - Large-2														
Basic Service Charge Per Month														
16	Sales Customers	G-25(L2)	4,193		\$ 470.00		\$ 1,970,710		\$ 1,970,710		\$ 1,970,710		16	
17	Transportation Customers		768		470.00		360,960		360,960		360,960		17	
18	Commodity Charge per Therm All Usage			30,237,104	\$ 0.28856		8,725,219		8,725,219		14,681,928		18	
19	Sales Customers			6,053,347	0.28856		1,746,754		1,746,754		0		19	
20	Transportation Customers			36,290,451		\$ 2,331,670		\$ 10,471,973		\$ 12,803,643		\$ 14,681,928	20	
General Gas Service - Transportation Eligible														
Basic Service Charge Per Month														
21	Sales Customers	G-25(TE)	768		\$ 950.00		\$ 729,600		\$ 729,600		\$ 729,600		21	
22	Transportation Customers		1,608		950.00		1,527,600		1,527,600		1,527,600		22	
23	Demand Charge per Month			3,503,428	0.082459		3,466,670		3,466,670		3,466,670		23	
24	Sales Customers			12,655,844	0.082459		12,523,059		12,523,059		12,523,059		24	
25	Commodity Charge per Therm (All Usage)			23,424,358	\$ 0.10923		2,558,643		2,558,643		11,373,931		25	
26	Sales Customers			101,671,888	0.10923		11,105,620		11,105,620		0		26	
27	Transportation Customers			125,096,246		\$ 2,257,200		\$ 29,653,992		\$ 31,911,192		\$ 11,373,931	27	
28	Total General Gas Service		476,797	320,249,813		\$ 24,584,764	\$ 109,644,150	\$ 134,228,914	\$ 101,713,572	\$ 235,942,486			28	

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF REVENUES AT PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants			Present Margin Rates [1]			Margin at Present Rates			Revenue at Present Rates		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)	Line No.		
Air Conditioning Gas Service														
Basic Service Charge														
1	Sales - With Other Service - No BSC	G-40	60		\$ 0.00		\$ 0		\$ 0					1
2	General Service - Small		168		27.50		4,620		4,620					2
3	General Service - Medium		0		43.50		0		0					3
4	General Service - Large		12		80.00		960		960					4
5	Essential Agricultural		12		120.00		1,440		1,440					5
6	Transportation - With Other Service - No BSC		12		0.00		0		0					6
7	Commodity Charge per Therm All Usage			231,679		\$ 0.13077		\$ 30,297		\$ 30,297		\$ 112,494		7
8	Sales Customers			303,619		0.13077		39,704		39,704		0		8
9	Transportation Customers		264	535,298				\$ 7,020	\$ 77,021	\$ 77,021	\$ 112,494	\$ 189,515		9
	Total Air Conditioning													
Street Lighting Gas Service														
Commodity Charge per Therm of Rated Capacity														
10	All Usage	G-45	72	9,078		\$ 0.69242		\$ 6,286	\$ 6,286	\$ 6,286	\$ 4,408	\$ 10,694		10
11	Total Street Lighting		72	9,078										11
Gas Service for Compression on Customer's Premises														
Basic Service Charge														
12	Small	G-55	180		\$ 27.50		\$ 4,950		\$ 4,950					12
13	Large		168		250.00		42,000		42,000					13
14	Residential		684		10.70		7,319		7,319					14
15	Transportation Customers		168		250.00		42,000		42,000					15
Commodity Charge per Therm All Usage														
Sales Customers														
16	Small			74,140		\$ 0.21470		\$ 15,918		\$ 15,918		\$ 35,999		16
17	Large			1,296,754		0.21470		278,413		278,413		629,652		17
18	Residential			40,896		0.21470		8,780		8,780		19,857		18
19	Transportation Customers			4,679,701		0.21470		1,004,732		1,004,732		0		19
20	Total CNG		1,200	6,091,491				\$ 96,269	\$ 1,307,843	\$ 1,404,112	\$ 685,508	\$ 2,089,620		20
Electric Generation Gas Service														
Basic Service Charge														
21	General Service - Small	G-60	96		\$ 27.50		\$ 2,640		\$ 2,640					21
22	General Service - Medium		48		43.50		2,088		2,088					22
23	General Service - Large		24		80.00		1,920		1,920					23
24	General Service - TE		12		950.00		11,400		11,400					24
25	Essential Agricultural		12		120.00		1,440		1,440					25
26	Transportation - General Service - Small		12		27.50		330		330					26
27	Transportation - General Service - TE		84		950.00		79,800		79,800					27
Commodity Charge per Therm All Usage														
Sales Customers														
28	Sales Customers			330,378		\$ 0.15421		\$ 50,948		\$ 50,948		\$ 160,418		28
29	Transportation Customers			19,018,647		0.15421		2,932,866		2,932,866		0		29
30	Total Electric Generation		288	19,349,025				\$ 99,618	\$ 2,983,814	\$ 3,083,432	\$ 160,418	\$ 3,243,850		30

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF REVENUES AT PRESENT RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Proposed Schedule Number (b)	Billing Determinants			Present Margin Rates [1]			Margin at Present Rates			Revenue at Present Rates		
			Number of Bills (c)	Sales (Therms) (d)	Basic Service Charge (e)	Delivery Charge (f)	Basic Service Charge (g)	Delivery Charge (h)	Total Margin (i)	Gas Cost [2] (j)	Total Revenue (k)			
Small Essential Agriculture User Gas Service														
<u>Basic Service Charge Per Month</u>														
1	Sales Customers		887		\$ 120.00			\$ 106,440		\$	106,440		\$	106,440
2	Transportation Customers		84		120.00			10,080			10,080			10,080
3	Commodity Charge per Therm All Usage			3,115,979			\$ 0.28037	873,627		\$ 1,512,995				2,386,622
4	Transportation Customers			1,392,553			0.28037	390,430		0				390,430
5	Total Small Essential Agricultural		971	4,508,532				\$ 1,264,057		\$ 1,380,577			\$ 1,512,995	\$ 2,893,572
Natural Gas Engine Gas Service														
<u>Basic Service Charge</u>														
6	Off-Peak Season (October - March)		2,208		\$ 0.00			\$ 0		\$	0		\$	0
7	Peak Season (April - September)		2,208		125.00			275,938			275,938			275,938
8	Transportation Customers - Off-Peak		0		0.00			0		0				0
9	Transportation Customers - Peak		0		125.00			0		0				0
10	Commodity Charge per Therm All Usage			10,629,186			\$ 0.22065	2,345,330		\$ 3,407,292				5,752,622
11	Transportation Customers			0			0.22065	0		0				0
12	Total Natural Gas Engine		4,415	10,629,186				\$ 2,345,330		\$ 2,621,268			\$ 3,407,292	\$ 6,028,560
13	Total Tariff Sales		12,406,530	663,337,787				\$ 150,794,876		\$ 329,551,988		\$ 480,346,864		\$ 254,218,992
14	Optional Gas Service		24	6,863,992				999,902					2,432,333	3,432,235
15	Potential Bypass/Standby Gas Service		184	32,351,848				2,625,043						2,625,043
16	Other Operating Revenues							10,498,074						10,498,074
17	Total		12,406,738	702,553,627				\$ 150,794,876		\$ 329,551,988		\$ 494,469,883		\$ 256,651,325
18	Total Revenue Requirement							513,608,301						
19	EEP Adjustment							(12,788,478)						
20	Over/(Under)							\$ (31,926,895)						

[1] Present Margin rates effective January 1, 2012.
[2] Gas Cost rate effective on November 30, 2015.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
MARGIN ALLOCATION SPREAD TO CUSTOMER CLASSES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	General Gas Service												Other Revenue (i)	Line No.				
		Total (b)	Single-Family Residential (c)	Multi-Family Residential (d)	MM/HP (e)	Small (f)	Medium (g)	Large-1 (h)	Large-2 (i)	Transportation Eligible (j)	Air Conditioning (k)	Street Lighting (l)	CNG (m)			Electric Generation (n)	Small Essential Agriculture (o)	Natural Gas Engines (p)	Optical & Bypass Transp. (q)
1	Margin at Requested System Rate of Return [1]	\$ 513,600,301	\$ 381,331,401	\$ 10,998,807	\$ 486,156	\$ 7,941,432	\$ 23,708,024	\$ 36,890,532	\$ 9,173,319	\$ 22,934,656	\$ 43,912	\$ 16,204	\$ 858,216	\$ 2,939,167	\$ 980,292	\$ 1,173,163	\$ 3,624,945	\$ 10,498,074	1
2	Margin at Present Rates [2]	\$ 494,469,983	\$ 327,406,730	\$ 9,266,950	\$ 871,574	\$ 9,644,983	\$ 27,988,332	\$ 51,900,764	\$ 12,803,643	\$ 31,911,192	\$ 77,021	\$ 6,286	\$ 1,404,112	\$ 3,083,432	\$ 1,380,577	\$ 2,621,268	\$ 3,624,945	\$ 10,498,074	2
3	Difference	\$ 19,130,317																	3
4	System Average Increase (Excluding B-1, C-30 & Other Revenues)	3.98%																	4
5	% Difference in Present & System ROR Margin Req.	4.98%	1.1647	1.1869	0.5693	0.8477	0.7108	0.7108	0.7165	0.7187	0.5701	2.5778	0.6112	0.9532	0.7101	0.4476			5
6	Maximum Margin Increase Capped at 1.25 [3]		4.64%	4.73%	2.27%	3.28%	3.38%	2.83%	2.85%	2.86%	2.27%	79.98%	2.44%	3.80%	2.83%	1.78%			6
7	Calculated Proposed Increase To Classes Not at System ROR	\$ 19,905,530	\$ 15,193,353.16	\$ 438,224.51	\$ 19,768	\$ 316,410	\$ 944,597	\$ 1,469,626	\$ 365,492	\$ 913,763	\$ 1,750	\$ 5,028	\$ 34,194	\$ 117,105	\$ 39,058	\$ 46,742			7
8	Remaining Allocation of Margin Change [4]	\$ (766,912)	\$ (585,969)	\$ (16,884)	\$ (762)	\$ (12,191)	\$ (36,989)	\$ (56,629)	\$ (14,082)	\$ (35,206)	\$ (67)	\$ (194)	\$ (1,317)	\$ (4,512)	\$ (1,595)	\$ (1,801)			8
9	Proposed Margin Requirement	\$ 513,600,301	\$ 342,014,714	\$ 9,688,291	\$ 850,381	\$ 9,849,202	\$ 28,876,535	\$ 53,313,961	\$ 13,155,053	\$ 32,789,769	\$ 78,703	\$ 11,120	\$ 1,456,988	\$ 3,196,025	\$ 1,418,130	\$ 2,666,209	\$ 3,624,945	\$ 10,498,074	9
10	Proposed Percentage Increase in Margin	3.87%	4.46%	4.55%	2.18%	3.15%	3.25%	2.72%	2.74%	2.75%	2.18%	76.90%	2.34%	3.65%	2.72%	1.71%	0.00%	0.00%	10
11	Rate of Return on Rate Base at Present Rates	5.36%	3.57%	3.01%	16.77%	9.79%	9.02%	12.84%	12.31%	12.01%	17.78%	4.25%	16.03%	6.73%	12.39%	28.89%	N/A	N/A	11
12	Rate of Return on Rate Base at Proposed Rates	6.01%	4.24%	3.75%	17.21%	10.41%	9.62%	13.41%	12.85%	12.54%	18.26%	0.79%	16.53%	7.27%	12.91%	29.37%	N/A	N/A	12

[1] Class margin required to earn proposed overall system rate of return on rate base. Worksheet, Schedule G-1, Sheet 1.
 [2] Schedule G-1, Sheet 1.
 [3] Percentage increase in margin capped at 1.25 times the system average percent increase in margin.
 [4] Remaining deficiency spread to classes on percentage of proposed increases on Line 10.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF BILLS AND VOLUMES WITH POST TEST YEAR ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Schedule Number (b)	Annual Number of Bills		Annual Sales Volumes (Therms)		Line No.
			Test Period as Adjusted at 11/30/2015 (c)	Reclass Adjustment [1] (d)	Post Test Period (e)	12 Months Ended 11/30/2015 (f)	
<u>Residential Service</u>							
1	Single-Family Residential Gas Service	G-5	10,996,641		10,996,641	281,854,180	1
2	Multi-Family Residential Gas Service	G-6	418,554		418,554	6,255,051	2
3	Single-Family Low Income Residential Gas Service	G-10	464,256		464,256	11,432,473	3
4	Multi-Family Low Income Residential Gas Service	G-11	40,744		40,744	715,674	4
5	Special Residential Gas Service for Air Conditioning	G-15	912		912	59,047	5
6	Master-Metered Mobile Home Park Gas Service	G-20	1,416		1,416	1,648,939	6
<u>General Gas Service</u>							
7	Small	G-25	211,672		211,672	4,557,051	7
8	Medium		176,661		176,661	44,254,437	8
9	Large-1		81,127		81,127	110,051,628	9
10	Large-2		4,961		4,961	36,290,451	10
11	Transportation Eligible		2,376		2,376	125,096,246	11
12	Optional Gas Service	G-30	24		24	6,863,992	12
13	Air Conditioning Gas Service	G-40	264		264	535,298	13
14	Street Lighting Gas Service	G-45	72		72	9,078	14
<u>Gas Service for Compression on Customer's Premises</u>							
15	Residential	G-55	684		684	40,896	15
16	Small		180		180	74,140	16
17	Large		336		336	5,976,455	17
18	Electric Generation Gas Service	G-60	288		288	19,349,025	18
19	Small Essential Agriculture User Gas Service	G-75	971		971	4,508,532	19
20	Natural Gas Engine Gas Service	G-80	4,415		4,415	10,629,186	20
21	Total Gas Sales		12,406,554	0	12,406,554	670,201,779	21
22	Transportation of Customer-Secured Natural Gas	T-1	0		0	0	22
23	Potential Bypass/Standby Gas Service	B-1	184		184	32,351,848	23
24	Other Operating Revenue						24
25	Total Arizona		12,406,738	0	12,406,738	702,553,627	25

[1] Reclassification Adjustment to move customers and volumes to proper rate schedules at proposed rates.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Schedule (b)	Present Rates			Currently Effective Tariff Rate (f)	Description (g)	Schedule (h)	Proposed Rates			Line No.
			Delivery Charge [1] (c)	Rate Adjustment [2] (d)	Gas Cost [2] (e)				Delivery Charge [3] (i)	Rate Adjustment [2] (j)	Gas Cost [2] (k)	
1	<u>Single-Family Residential Gas Service</u> Basic Service Charge per Month	G-5	\$ 10.70		\$ 0.48556	10.70	Single-Family Residential Gas Service Basic Service Charge per Month	G-5	\$ 10.70		\$ 0.48556	1
2	Commodity Charge per Therm		\$ 0.70314	\$ 0.00628	\$ 0.48556	1.19498	All Usage		\$ 0.75317	\$ 0.00074	\$ 0.48556	2
3	<u>Multi-Family Residential Gas Service</u> Basic Service Charge per Month	G-6	\$ 9.70		\$ 0.48556	9.70	Multi-Family Residential Gas Service Basic Service Charge per Month	G-6	\$ 9.70		\$ 0.48556	3
4	Commodity Charge per Therm		\$ 0.70314	\$ 0.00628	\$ 0.48556	1.19498	All Usage		\$ 0.75317	\$ 0.00074	\$ 0.48556	4
5	<u>Single-Family Low Income Residential Gas Service</u> Basic Service Charge per Month	G-10	\$ 7.50		\$ 0.48556	7.50	Single-Family Low Income Residential Gas Service Basic Service Charge per Month	G-10	\$ 7.50		\$ 0.48556	5
6	Commodity Charge per Therm		\$ 0.70314	\$ (0.01879)	\$ 0.48556	1.16991	Summer (April - November)		\$ 0.75317	\$ (0.02001)	\$ 0.48556	6
7	All Usage		\$ 0.35277	\$ (0.01879)	\$ 0.48556	0.81954	Winter (December - March)		\$ 0.38815	\$ (0.02001)	\$ 0.48556	7
8	First 150 Therms		\$ 0.70314	\$ (0.01879)	\$ 0.48556	1.16991	Over 150 Therms		\$ 0.75317	\$ (0.02001)	\$ 0.48556	8
9	<u>Multi-Family Low Income Residential Gas Service</u> Basic Service Charge per Month	G-11	\$ 7.50		\$ 0.48556	7.50	Multi-Family Low Income Residential Gas Service Basic Service Charge per Month	G-11	\$ 7.50		\$ 0.48556	9
10	Commodity Charge per Therm		\$ 0.70314	\$ (0.01879)	\$ 0.48556	1.16991	Summer (April - November)		\$ 0.75317	\$ (0.02001)	\$ 0.48556	10
11	All Usage		\$ 0.35277	\$ (0.01879)	\$ 0.48556	0.81954	Winter (December - March)		\$ 0.38815	\$ (0.02001)	\$ 0.48556	11
12	First 150 Therms		\$ 0.70314	\$ (0.01879)	\$ 0.48556	1.16991	Over 150 Therms		\$ 0.75317	\$ (0.02001)	\$ 0.48556	12
13	<u>Special Residential Gas Service for Air Conditioning</u> Basic Service Charge per Month	G-15	\$ 10.70		\$ 0.48556	10.70	Special Residential Gas Service for Air Conditioning Basic Service Charge per Month	G-15	\$ 10.70		\$ 0.48556	13
14	Commodity Charge per Therm		\$ 0.70314	\$ 0.01817	\$ 0.48556	1.20687	Summer (April - November)		\$ 0.75317	\$ 0.01263	\$ 0.48556	14
15	First 15 Therms		\$ 0.13077	\$ 0.01817	\$ 0.48556	0.63450	Over 15 Therms		\$ 0.13391	\$ 0.01263	\$ 0.48556	15
16	Winter (November - April)		\$ 0.70314	\$ 0.01817	\$ 0.48556	1.20687	All Usage		\$ 0.75317	\$ 0.01263	\$ 0.48556	16
17	<u>Master-Metered Mobile Home Park Gas Service</u> Basic Service Charge per Month	G-20	\$ 66.00		\$ 0.48556	66.00	Master-Metered Mobile Home Park Gas Service Basic Service Charge per Month	G-20	\$ 66.00		\$ 0.48556	17
18	Commodity Charge per Therm		\$ 0.47189	\$ 0.03254	\$ 0.48556	0.98999	All Usage		\$ 0.48342	\$ 0.02700	\$ 0.48556	18

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Schedule (b)	Present Rates			Currently Effective Tariff Rate (f)	Description (g)	Schedule (h)	Proposed Rates			Line No.
			Delivery Charge [1] (c)	Rate Adjustment [2] (d)	Gas Cost [2] (e)				Delivery Charge [3] (i)	Rate Adjustment [2] (j)	Gas Cost [2] (k)	
	General Gas Service	G-25						G-25				
	Basic Service Charge per Month											
1	Small		\$ 27.50		\$	27.50	Basic Service Charge per Month Small		\$ 27.50		\$	27.50
2	Medium		43.50			43.50	Medium		43.50			43.50
3	Large-1		80.00			80.00	Large-1		80.00			80.00
4	Large-2		470.00			470.00	Large-2		470.00			470.00
5	Transportation Eligible		950.00			950.00	Transportation Eligible		950.00			950.00
	Commodity Charge per Therm											
6	Small, All Usage		\$ 0.83914	\$ (0.00809)	\$ 0.48556	1.31661	Commodity Charge per Therm Small, All Usage		\$ 0.90590	\$ (0.01363)	\$ 0.48556	1.37783
7	Medium, All Usage		0.45634	(0.00809)	0.48556	0.93581	Medium, All Usage		0.47886	(0.01363)	0.48556	0.95079
8	Large-1, All Usage		0.41263	(0.00809)	0.48556	0.89010	Large-1, All Usage		0.42547	(0.01363)	0.48556	0.89740
9	Large-2, All Usage		0.28856	(0.00809)	0.48556	0.76603	Large-2, All Usage		0.29824	(0.01363)	0.48556	0.77017
10	Transportation Eligible, All Usage		0.10923	0.01817	0.48556	0.61296	Transportation Eligible, All Usage		0.11481	0.01263	0.48556	0.61300
	Demand Charge per Month											
11	Transportation Eligible		\$ 0.082459			0.082459	Demand Charge per Month Transportation Eligible		\$ 0.083392			0.083392
	Optional Gas Service	G-30						G-30				
12	Basic Service Charge per Month						Optional Gas Service Basic Service Charge per Month					
13	Commodity Charge per Therm						Commodity Charge per Therm					
	Air Conditioning Gas Service	G-40						G-40				
14	Basic Service Charge per Month						Air Conditioning Gas Service Basic Service Charge per Month					
15	Commodity Charge per Therm						Commodity Charge per Therm					
	Street Lighting Gas Service	G-45						G-45				
16	Commodity Charge per Therm of Rated Capacity		\$ 0.13077	0.01817	0.48556	0.63450	Street Lighting Gas Service Commodity Charge per Therm of Rated Capacity		\$ 0.13391	0.01263	0.48556	0.63210
17	Basic Service Charge per Month		\$ 0.69242	0.01817	0.48556	1.19615	Basic Service Charge per Month		\$ 1.22494	0.01263	0.48556	1.72313
18	Commodity Charge per Therm						Commodity Charge per Therm					

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
SUMMARY OF PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	Schedule (b)	Present Rates			Currently Effective Tariff Rate (f)	Description (g)	Schedule (h)	Proposed Rates			Line No.
			Delivery Charge [1] (c)	Rate Adjustment [2] (d)	Gas Cost [2] (e)				Delivery Charge [3] (i)	Rate Adjustment [2] (j)	Gas Cost [2] (k)	
<u>Gas Service for Compression on Customer's Premises</u>												
<u>Basic Service Charge per Month</u>												
1	Small	G-55	\$ 27.50	\$ 0.01817	\$ 0.48556	\$ 27.50	Basic Service Charge per Month Small	G-55	\$ 27.50	\$ 0.01263	\$ 0.48556	1
2	Large		250.00			250.00	Large		250.00			2
3	Residential		10.70			10.70	Residential		10.70			3
4	Commodity Charge per Therm						Commodity Charge per Therm					
4	All Usage		\$ 0.21470	\$ 0.01817	\$ 0.48556	\$ 0.71843	All Usage		\$ 0.22010	\$ 0.01263	\$ 0.48556	4
<u>Electric Generation Gas Service</u>												
<u>Basic Service Charge per Month</u>												
5	Commodity Charge per Therm	G-60	As Specified on A.C.C. Sheet No. 40.				Electric Generation Gas Service Basic Service Charge per Therm	G-60	As Specified on A.C.C. Sheet No. 40.			5
6	All Usage		\$ 0.15421	\$ 0.01817	\$ 0.48556	\$ 0.65794	All Usage		\$ 0.16003	\$ 0.01263	\$ 0.48556	6
<u>Small Essential Agriculture User Gas Service</u>												
<u>Basic Service Charge per Month</u>												
7	Commodity Charge per Therm	G-75	\$ 120.00			\$ 120.00	Basic Service Charge per Therm	G-75	\$ 120.00			7
8	All Usage		\$ 0.28037	\$ 0.01817	\$ 0.48556	\$ 0.78410	All Usage		\$ 0.28870	\$ 0.01263	\$ 0.48556	8
<u>Natural Gas Engine Gas Service</u>												
<u>Basic Service Charge per Month</u>												
9	Off-Peak Season (October - March)	G-80	\$ 0.00			\$ 0.00	Basic Service Charge per Month Off-Peak Season (October - March)	G-80	\$ 0.00			9
10	Peak Season (April - September)		125.00			125.00	Peak Season (April - September)		125.00			10
11	Commodity Charge per Therm						Commodity Charge per Therm					
11	All Usage		\$ 0.22065	\$ 0.01817	\$ 0.32056	\$ 0.55938	All Usage		\$ 0.22488	\$ 0.01263	\$ 0.32056	11
<u>Service Establishment Charge</u>												
12	Normal					\$ 35.00	Normal					12
13	Expedited					\$ 50.00	Expedited					13

[1] Present Margin rates effective January 1, 2012.
 [2] Present Rate Adjustment and Gas Cost rates effective November 30, 2015.
 [3] Calculated rates to recover proposed Margin per Schedule H-1, Sheet 2 of 2.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
SINGLE-FAMILY RESIDENTIAL GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	8	\$ 20.26	\$ 20.62	\$ 0.36	1.78%	1
2	Average Summer Use [1]	11	23.84	24.33	0.49	2.06%	2
3	125 Percent Average Use	14	27.43	28.05	0.62	2.26%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	30	\$ 46.55	\$ 47.88	\$ 1.33	2.86%	4
5	Average Winter Use [1]	40	58.50	60.28	1.78	3.04%	5
6	125 Percent Average Use	50	70.45	72.67	2.22	3.15%	6
7	Annual Average Use	26	41.33	42.47	1.14	2.76%	7
<u>Effective Tariff Rates [2]</u>		<u>Amount</u>					
Basic Service Charge per Month		\$ 10.70					
Commodity Charge							
All Usage		\$ 1.19498					
<u>Proposed Tariff Rates [3]</u>							
Basic Service Charge per Month		\$ 10.70					
Commodity Charge							
All Usage		\$ 1.23947					

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
MULTI-FAMILY RESIDENTIAL GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	7	\$ 18.06	\$ 18.38	\$ 0.32	1.77%	1
2	Average Summer Use [1]	9	20.45	20.86	0.41	2.00%	2
3	125 Percent Average Use	11	22.84	23.33	0.49	2.15%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	16	\$ 28.82	\$ 29.53	\$ 0.71	2.46%	4
5	Average Winter Use [1]	21	34.79	35.73	0.94	2.70%	5
6	125 Percent Average Use	26	40.77	41.93	1.16	2.85%	6
7	Annual Average Use	15	27.56	28.22	0.66	2.39%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge per Month	\$ 9.70
Commodity Charge	
All Usage	\$ 1.19498
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge per Month	\$ 9.70
Commodity Charge	
All Usage	\$ 1.23947

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
SINGLE-FAMILY LOW INCOME RESIDENTIAL GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	8	\$ 16.86	\$ 17.25	\$ 0.39	2.31%	1
2	Average Summer Use [1]	11	20.37	20.91	0.54	2.65%	2
3	125 Percent Average Use	14	23.88	24.56	0.68	2.85%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	29	\$ 31.27	\$ 32.26	\$ 0.99	3.17%	4
5	Average Winter Use [1]	38	38.64	39.94	1.30	3.36%	5
6	125 Percent Average Use	48	46.84	48.48	1.64	3.50%	6
<u>Effective Tariff Rates [2]</u>		<u>Amount</u>					
Basic Service Charge per Month		\$ 7.50					
Commodity Charge							
<u>Summer (May-October)</u>							
All Usage		\$ 1.16991					
<u>Winter (November-April)</u>							
First 150 Therms		\$ 0.81954					
Over 150 Therms		1.16991					
<u>Proposed Tariff Rates [3]</u>							
Basic Service Charge per Month		\$ 7.50					
Commodity Charge							
<u>Summer (April-November)</u>							
All Usage		\$ 1.21872					
<u>Winter (December-March)</u>							
First 150 Therms		\$ 0.85370					
Over 150 Therms		1.21872					

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
MULTI-FAMILY LOW INCOME RESIDENTIAL GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Increase/(Decrease)		Line No.
					Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	8	\$ 16.86	\$ 17.25	\$ 0.39	2.31%	1
2	Average Summer Use [1]	10	19.20	19.69	0.49	2.55%	2
3	125 Percent Average Use	13	22.71	23.34	0.63	2.77%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	19	\$ 23.07	\$ 23.72	\$ 0.65	2.82%	4
5	Average Winter Use [1]	25	27.99	28.84	0.85	3.04%	5
6	125 Percent Average Use	31	32.91	33.96	1.05	3.19%	6
<u>Effective Tariff Rates [2]</u>		<u>Amount</u>					
Basic Service Charge per Month		\$ 7.50					
Commodity Charge							
<u>Summer (May-October)</u>							
All Usage		\$ 1.16991					
<u>Winter (November-April)</u>							
First 150 Therms		\$ 0.81954					
Over 150 Therms		1.16991					
<u>Proposed Tariff Rates [3]</u>							
Basic Service Charge per Month		\$ 7.50					
Commodity Charge							
<u>Summer (April-November)</u>							
All Usage		\$ 1.21872					
<u>Winter (December-March)</u>							
First 150 Therms		\$ 0.85370					
Over 150 Therms		1.21872					

[1] Company Record.
[2] Rates effective on November 30, 2015 including all adjustments.
[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
MASTER-METERED MOBILE HOME PARK GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	353	\$ 415.47	\$ 417.58	\$ 2.11	0.51%	1
2	Average Summer Use [1]	470	531.30	534.11	2.81	0.53%	2
3	125 Percent Average Use	588	648.11	651.64	3.53	0.54%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	1,394	\$ 1,446.05	\$ 1,454.40	\$ 8.35	0.58%	4
5	Average Winter Use [1]	1,859	1,906.39	1,917.53	11.14	0.58%	5
6	125 Percent Average Use	2,324	2,366.74	2,380.66	13.92	0.59%	6
7	Annual Average Use	1,165	1,219.34	1,226.32	6.98	0.57%	7
<u>Effective Tariff Rates [2]</u>		<u>Amount</u>					
Basic Service Charge		\$ 66.00					
Commodity Charge							
All Usage		\$ 0.98999					
<u>Proposed Tariff Rates [3]</u>		<u>Amount</u>					
Basic Service Charge		\$ 66.00					
Commodity Charge							
All Usage		\$ 0.99598					

[1] Company Record.
[2] Rates effective on November 30, 2015 including all adjustments.
[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GENERAL GAS SERVICE - SMALL

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	6	\$ 35.40	\$ 35.77	\$ 0.37	1.05%	1
2	Average Summer Use [1]	8	38.03	38.52	0.49	1.29%	2
3	125 Percent Average Use	10	40.67	41.28	0.61	1.50%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	26	\$ 61.73	\$ 63.32	\$ 1.59	2.58%	4
5	Average Winter Use [1]	35	73.58	75.72	2.14	2.91%	5
6	125 Percent Average Use	44	85.43	88.12	2.69	3.15%	6
7	Annual Average Use	22	56.47	57.81	1.34	2.37%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 27.50
Commodity Charge	
All Usage	\$ 1.31661
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 27.50
Commodity Charge	
All Usage	\$ 1.37783

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GENERAL GAS SERVICE - MEDIUM

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	127	\$ 162.35	\$ 164.25	\$ 1.90	1.17%	1
2	Average Summer Use [1]	169	201.65	204.18	2.53	1.25%	2
3	125 Percent Average Use	211	240.96	244.12	3.16	1.31%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	248	\$ 275.58	\$ 279.30	\$ 3.72	1.35%	4
5	Average Winter Use [1]	330	352.32	357.26	4.94	1.40%	5
6	125 Percent Average Use	413	429.99	436.18	6.19	1.44%	6
7	Annual Average Use	250	277.45	281.20	3.75	1.35%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 43.50
Commodity Charge	
All Usage	\$ 0.93581
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 43.50
Commodity Charge	
All Usage	\$ 0.95079

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GENERAL GAS SERVICE - LARGE-1

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	713	\$ 714.64	\$ 719.85	\$ 5.21	0.73%	1
2	Average Summer Use [1]	950	925.60	932.53	6.93	0.75%	2
3	125 Percent Average Use	1,188	1,137.44	1,146.11	8.67	0.76%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	1,315	\$ 1,250.48	\$ 1,260.08	\$ 9.60	0.77%	4
5	Average Winter Use [1]	1,753	1,640.35	1,653.14	12.79	0.78%	5
6	125 Percent Average Use	2,191	2,030.21	2,046.20	15.99	0.79%	6
7	Annual Average Use	1,352	1,283.42	1,293.28	9.86	0.77%	7
<u>Effective Tariff Rates [2]</u>		<u>Amount</u>					
Basic Service Charge		\$ 80.00					
Commodity Charge							
All Usage		\$ 0.89010					
<u>Proposed Tariff Rates [3]</u>							
Basic Service Charge		\$ 80.00					
Commodity Charge							
All Usage		\$ 0.89740					

[1] Company Record.
[2] Rates effective on November 30, 2015 including all adjustments.
[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GENERAL GAS SERVICE - LARGE-2

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	4,006	\$ 3,538.72	\$ 3,555.30	\$ 16.58	0.47%	1
2	Average Summer Use [1]	5,341	4,561.37	4,583.48	22.11	0.48%	2
3	125 Percent Average Use	6,676	5,584.02	5,611.65	27.63	0.49%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	6,808	\$ 5,685.13	\$ 5,713.32	\$ 28.19	0.50%	4
5	Average Winter Use [1]	9,077	7,423.25	7,460.83	37.58	0.51%	5
6	125 Percent Average Use	11,346	9,161.38	9,208.35	46.97	0.51%	6
7	Annual Average Use	7,211	5,993.84	6,023.70	29.86	0.50%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 470.00
Commodity Charge	
All Usage	\$ 0.76603
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 470.00
Commodity Charge	
All Usage	\$ 0.77017

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GAS SERVICE FOR COMPRESSION ON CUSTOMER'S PREMISES - SMALL

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	296	\$ 240.16	\$ 240.11	\$(0.05)	-0.02%	1
2	Average Summer Use [1]	395	311.28	311.22	(0.06)	-0.02%	2
3	125 Percent Average Use	494	382.40	382.34	(0.06)	-0.02%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	322	\$ 258.83	\$ 258.79	\$(0.04)	-0.02%	4
5	Average Winter Use [1]	429	335.71	335.65	(0.06)	-0.02%	5
6	125 Percent Average Use	536	412.58	412.50	(0.08)	-0.02%	6
7	Annual Average Use	412	323.49	323.44	(0.05)	-0.02%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 27.50
Commodity Charge	
All Usage	\$ 0.71843
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 27.50
Commodity Charge	
All Usage	\$ 0.71829

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GAS SERVICE FOR COMPRESSION ON CUSTOMER'S PREMISES - LARGE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	6,158	\$ 4,674.09	\$ 4,673.23	\$(0.86)	-0.02%	1
2	Average Summer Use [1]	8,210	6,148.31	6,147.16	(1.15)	-0.02%	2
3	125 Percent Average Use	10,263	7,623.25	7,621.81	(1.44)	-0.02%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	5,420	\$ 4,143.89	\$ 4,143.13	\$(0.76)	-0.02%	4
5	Average Winter Use [1]	7,227	5,442.09	5,441.08	(1.01)	-0.02%	5
6	125 Percent Average Use	9,034	6,740.30	6,739.03	(1.27)	-0.02%	6
7	Annual Average Use	7,719	5,795.56	5,794.48	(1.08)	-0.02%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 250.00
Commodity Charge	
All Usage	\$ 0.71843
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 250.00
Commodity Charge	
All Usage	\$ 0.71829

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
GAS SERVICE FOR COMPRESSION ON CUSTOMER'S PREMISES - RESIDENTIAL

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	42	\$ 40.87	\$ 40.87	\$ 0.00	0.00%	1
2	Average Summer Use [1]	56	50.93	50.92	(0.01)	-0.02%	2
3	125 Percent Average Use	70	60.99	60.98	(0.01)	-0.02%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	48	\$ 45.18	\$ 45.18	\$ 0.00	0.00%	4
5	Average Winter Use [1]	64	56.68	56.67	(0.01)	-0.02%	5
6	125 Percent Average Use	80	68.17	68.16	(0.01)	-0.01%	6
7	Annual Average Use	60	53.81	53.80	(0.01)	-0.02%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 10.70
Commodity Charge	
All Usage	\$ 0.71843
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 10.70
Commodity Charge	
All Usage	\$ 0.71829

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
SMALL ESSENTIAL AGRICULTURE USER GAS SERVICE

Line No.	Description (a)	Monthly Consumption (Therms) (b)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates (c)	At Proposed Tariff Rates (d)	Dollars (e)	Percent (f)	
<u>Summer Season Bills</u>							
1	75 Percent Average Use	2,267	\$ 1,897.55	\$ 1,903.88	\$ 6.33	0.33%	1
2	Average Summer Use [1]	3,022	2,489.55	2,497.98	8.43	0.34%	2
3	125 Percent Average Use	3,778	3,082.33	3,092.87	10.54	0.34%	3
<u>Winter Season Bills</u>							
4	75 Percent Average Use	2,946	\$ 2,429.96	\$ 2,438.18	\$ 8.22	0.34%	4
5	Average Winter Use [1]	3,928	3,199.94	3,210.90	10.96	0.34%	5
6	125 Percent Average Use	4,910	3,969.93	3,983.63	13.70	0.35%	6
7	Annual Average Use	3,513	2,874.54	2,884.34	9.80	0.34%	7

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
Basic Service Charge	\$ 120.00
Commodity Charge	
All Usage	\$ 0.78410
<u>Proposed Tariff Rates [3]</u>	
Basic Service Charge	\$ 120.00
Commodity Charge	
All Usage	\$ 0.78689

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
TYPICAL BILL COMPARISON - PROPOSED VS. CURRENTLY EFFECTIVE RATES
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015
NATURAL GAS ENGINE GAS SERVICE

Line No.	Description	Monthly Consumption (Therms)	Monthly Bill		Increase/(Decrease)		Line No.
			At Currently Effective Rates	At Proposed Tariff Rates	Dollars	Percent	
	(a)	(b)	(c)	(d)	(e)	(f)	
<u>Peak Season Bills</u>							
1	75 Percent Average	2,525	\$ 1,537.43	\$ 1,534.13	\$(3.30)	-0.21%	1
2	Average	3,366	2,007.87	2,003.46	(4.41)	-0.22%	2
3	125 Percent Average	4,208	2,478.87	2,473.36	(5.51)	-0.22%	3
<u>Off-Peak Season Bills</u>							
4	75 Percent Average	1,085	\$ 606.93	\$ 605.51	(1.42)	-0.23%	4
5	Average	1,447	809.42	807.53	(1.89)	-0.23%	5
6	125 Percent Average	1,809	1,011.92	1,009.55	(2.37)	-0.23%	6

<u>Effective Tariff Rates [2]</u>	<u>Amount</u>
<u>Basic Service Charge</u>	
Peak Season	\$ 125.00
Off-Peak Season	0.00
<u>Commodity Charge</u>	
All Usage	\$ 0.55938
<u>Proposed Tariff Rates [3]</u>	
<u>Basic Service Charge</u>	
Peak Season	\$ 125.00
Off-Peak Season	0.00
<u>Commodity Charge</u>	
All Usage	\$ 0.55807

[1] Company Record.

[2] Rates effective on November 30, 2015 including all adjustments.

[3] Schedule H-3, Sheets 1-3.

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CALCULATION OF MONTHLY MARGIN PER CUSTOMER
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description	December 2014	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	Total	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	
G-5	Single-Family Residential Gas Service														
1	Monthly Billing Determinants	921,131	923,836	923,155	922,501	918,582	915,324	913,428	911,513	909,960	909,779	911,569	915,865	10,996,641	1
2	Total Volume	36,513,690	61,605,993	53,113,254	36,326,710	22,055,878	14,211,238	10,907,156	8,347,689	7,683,186	8,138,430	9,039,602	13,911,354	281,854,180	2
3	Proposed Margin Rates	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	3
4	Basic Service Charge (BSC)	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	4
5	Proposed Margin	\$ 27,501,016	\$ 46,399,786	\$ 40,003,310	\$ 27,360,188	\$ 16,611,826	\$ 10,703,478	\$ 8,214,943	\$ 6,287,229	\$ 5,786,745	\$ 6,129,621	\$ 6,808,357	\$ 10,477,614	\$ 212,294,113	5
6	Margin Revenue	9,856,102	9,885,045	9,877,759	9,870,761	9,828,627	9,793,967	9,773,658	9,753,189	9,736,572	9,734,635	9,753,788	9,799,756	117,664,059	6
7	Total Margin Revenue	\$ 37,357,118	\$ 56,284,831	\$ 49,881,068	\$ 37,230,949	\$ 26,440,653	\$ 20,497,445	\$ 17,988,601	\$ 16,040,418	\$ 15,523,317	\$ 15,864,257	\$ 16,582,145	\$ 20,277,370	\$ 329,948,171	7
8	Margin per Customer	\$ 40.56	\$ 60.93	\$ 54.03	\$ 40.36	\$ 28.78	\$ 22.39	\$ 19.69	\$ 17.60	\$ 17.06	\$ 17.44	\$ 18.17	\$ 22.14	\$ 359.15	8
G-6	Multi-Family Residential Gas Service														G-6
9	Monthly Billing Determinants	34,918	35,261	35,236	35,355	35,241	35,025	34,899	34,725	34,509	34,439	34,446	34,500	418,554	9
10	Total Volume	741,934	1,049,513	973,867	736,225	521,629	399,044	346,831	288,292	264,681	276,041	286,036	370,958	6,255,051	10
11	Proposed Margin Rates	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	\$ 9.70	11
12	Basic Service Charge (BSC)	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	12
13	Proposed Margin	\$ 568,802	\$ 790,462	\$ 733,487	\$ 554,503	\$ 392,875	\$ 300,548	\$ 261,223	\$ 217,133	\$ 199,350	\$ 207,906	\$ 215,434	\$ 279,394	\$ 4,711,117	13
14	BSC Revenue	338,705	342,032	341,838	342,944	341,838	339,743	338,520	336,833	334,737	334,058	334,126	334,650	4,059,974	14
15	Total Margin Revenue	\$ 897,507	\$ 1,132,493	\$ 1,075,327	\$ 897,448	\$ 734,713	\$ 640,290	\$ 599,743	\$ 553,966	\$ 534,087	\$ 541,964	\$ 549,560	\$ 614,044	\$ 8,771,091	15
16	Margin per Customer	\$ 25.70	\$ 32.12	\$ 30.52	\$ 25.38	\$ 20.85	\$ 18.28	\$ 17.19	\$ 15.95	\$ 15.48	\$ 15.74	\$ 15.95	\$ 17.80	\$ 250.95	16
G-10	Single-Family Low Income Residential Gas Service														G-10
17	Monthly Billing Determinants	38,329	38,672	39,239	39,476	39,373	39,177	38,767	38,322	38,391	38,212	38,012	38,286	464,256	17
18	Customers	1,452,475	2,137,733	2,007,952	1,471,079	873,634	579,094	459,882	368,189	368,189	352,234	379,082	584,283	11,005,574	18
19	Second Block Volumes	39,106	192,476	166,120	29,197	0	0	0	0	0	0	0	0	426,899	19
20	Total Volume	1,491,581	2,330,209	2,174,072	1,500,276	873,634	579,094	459,882	368,189	368,189	352,234	379,082	584,283	11,432,473	20
21	Proposed Margin Rates	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	21
22	Basic Service Charge	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	22
23	First Block Margin Rate	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	23
24	Second Block Margin Rate	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	24
25	Proposed Margin	\$ 1,093,961	\$ 1,610,076	\$ 1,512,329	\$ 1,107,973	\$ 657,995	\$ 436,156	\$ 346,369	\$ 277,309	\$ 256,030	\$ 265,292	\$ 285,513	\$ 440,064	\$ 8,289,068	25
26	First Block Margin Revenue	29,453	144,967	125,117	21,990	0	0	0	0	0	0	0	0	321,528	26
27	Second Block Margin Revenue	287,468	290,040	294,293	296,070	295,298	293,828	290,753	287,415	287,933	286,590	285,090	287,145	3,481,920	27
28	Basic Service Charge Revenue	\$ 1,410,882	\$ 2,045,084	\$ 1,931,738	\$ 1,426,033	\$ 953,292	\$ 729,984	\$ 637,122	\$ 564,724	\$ 543,963	\$ 551,882	\$ 570,603	\$ 727,209	\$ 12,032,516	28
29	Total Margin Revenue	\$ 36.81	\$ 52.88	\$ 49.23	\$ 36.12	\$ 24.21	\$ 18.63	\$ 16.43	\$ 14.74	\$ 14.17	\$ 14.44	\$ 15.01	\$ 18.99	\$ 311.68	29
30	Margin per Customer	\$ 36.81	\$ 52.88	\$ 49.23	\$ 36.12	\$ 24.21	\$ 18.63	\$ 16.43	\$ 14.74	\$ 14.17	\$ 14.44	\$ 15.01	\$ 18.99	\$ 311.68	30

**SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CALCULATION OF MONTHLY MARGIN PER CUSTOMER
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015**

Line No.	Description (a)	December 2014 (b)	January 2015 (c)	February 2015 (d)	March 2015 (e)	April 2015 (f)	May 2015 (g)	June 2015 (h)	July 2015 (i)	August 2015 (j)	September 2015 (k)	October 2015 (l)	November 2015 (m)	Total (n)	Line No.
G-11	Multi-Family Low Income Residential Gas Service														G-11
	Monthly Billing Determinants														
1	Customers	3,379	3,434	3,461	3,467	3,469	3,438	3,400	3,339	3,356	3,330	3,322	3,349	40,744	1
2	First Block Volumes	84,835	117,068	116,092	87,971	59,761	45,221	39,408	31,356	26,908	30,237	30,451	40,338	711,646	2
3	Second Block Volumes	175	2,114	1,579	160	0	0	0	0	0	0	0	0	4,028	3
4	Total Volume	85,010	119,182	117,671	88,131	59,761	45,221	39,408	31,356	26,908	30,237	30,451	40,338	715,674	4
5	Proposed Margin Rates														5
6	Basic Service Charge	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	\$ 7.50	6
7	First Block Margin Rate	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	7
8	Second Block Margin Rate	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	8
9	Proposed Margin														9
10	First Block Margin Revenue	\$ 63,885	\$ 88,172	\$ 87,437	\$ 66,257	\$ 45,010	\$ 34,059	\$ 29,681	\$ 23,616	\$ 21,773	\$ 22,774	\$ 22,935	\$ 30,381	\$ 535,990	10
11	Second Block Margin Revenue	132	1,592	1,189	121	0	0	0	0	0	0	0	0	3,034	11
12	Basic Service Charge Revenue	25,343	25,755	25,958	26,003	26,018	25,785	25,500	25,043	25,170	24,975	24,915	25,118	305,580	12
13	Total Margin Revenue	\$ 89,360	\$ 115,519	\$ 114,584	\$ 92,380	\$ 71,028	\$ 59,844	\$ 55,181	\$ 48,659	\$ 46,943	\$ 47,749	\$ 47,850	\$ 55,499	\$ 844,604	13
14	Margin per Customer	\$ 26.45	\$ 33.64	\$ 33.11	\$ 26.65	\$ 20.47	\$ 17.41	\$ 16.23	\$ 14.57	\$ 13.99	\$ 14.34	\$ 14.40	\$ 16.57	\$ 247.83	14
G-15	Special Residential Gas Service for Air Conditioning														G-15
	Monthly Billing Determinants														
15	Customers	76	76	76	76	76	76	76	76	76	76	76	76	912	15
16	First Block Volumes	6,077	10,323	7,352	4,907	2,599	3,472	3,400	3,892	3,200	3,818	3,362	3,248	31,285	16
17	Second Block Volumes	0	0	0	0	0	0	0	0	0	0	0	0	27,762	17
18	Total Volume	6,077	10,323	7,352	4,907	3,629	3,789	3,742	4,281	3,570	4,191	3,743	3,443	59,047	18
19	Proposed Margin Rates														19
20	Basic Service Charge	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	\$ 10.70	20
21	First Block Margin Rate	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	21
22	Second Block Margin Rate	\$ 0.75317	\$ 0.13391	\$ 0.13391	\$ 0.13391	\$ 0.13391	\$ 0.13391	\$ 0.13391	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	\$ 0.75317	22
23	Proposed Margin														23
24	First Block Margin Revenue	\$ 4,577	\$ 7,775	\$ 5,537	\$ 3,696	\$ 195	\$ 239	\$ 268	\$ 293	\$ 279	\$ 281	\$ 287	\$ 147	\$ 23,563	24
25	Second Block Margin Revenue	0	0	0	0	0	0	0	0	0	0	0	0	14,567	25
26	Basic Service Charge Revenue	813	813	813	813	813	813	813	813	813	813	813	813	9,758	26
27	Total Margin Revenue	\$ 5,390	\$ 8,588	\$ 6,350	\$ 4,509	\$ 1,460	\$ 1,052	\$ 1,081	\$ 1,106	\$ 1,092	\$ 1,094	\$ 1,097	\$ 1,060	\$ 47,866	27
28	Margin per Customer	\$ 70.92	\$ 113.00	\$ 83.56	\$ 59.33	\$ 19.20	\$ 19.96	\$ 20.06	\$ 53.13	\$ 46.08	\$ 52.23	\$ 47.79	\$ 44.82	\$ 650.11	28

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CALCULATION OF MONTHLY MARGIN PER CUSTOMER
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	December 2014 (b)	January 2015 (c)	February 2015 (d)	March 2015 (e)	April 2015 (f)	May 2015 (g)	June 2015 (h)	July 2015 (i)	August 2015 (j)	September 2015 (k)	October 2015 (l)	November 2015 (m)	Total (n)	Line No.
	Small General Gas Service Monthly Billing Determinants														
1	Customers	17,660	18,092	18,065	18,150	17,843	17,661	17,512	17,423	17,342	17,280	17,235	17,325	211,588	1
2	Therms	563,134	1,191,200	940,522	587,607	282,330	179,336	145,528	119,562	111,028	119,203	125,087	190,467	4,555,014	2
	Transportation Customers														
3	Customers	7	7	7	7	7	7	7	7	7	7	7	7	84	3
4	Therms	401	266	84	218	299	107	85	88	60	167	62	200	2,037	4
	Total Customers														
5	Customers	17,667	18,089	18,072	18,157	17,850	17,668	17,519	17,430	17,349	17,287	17,242	17,332	211,672	5
6	Therms	563,535	1,191,466	940,606	587,825	282,629	178,443	145,613	119,650	111,088	119,370	125,159	190,667	4,557,051	6
	Proposed Margin Rates														
7	Basic Service Charge (BSC)	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50	7
8	Margin Rate	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	\$ 0.90590	8
	Proposed Margin														
9	Margin Revenue	\$ 510,506	\$ 1,079,349	\$ 852,085	\$ 532,511	\$ 256,034	\$ 162,557	\$ 131,911	\$ 108,391	\$ 100,635	\$ 108,137	\$ 113,382	\$ 172,725	\$ 4,128,233	9
10	BSC Revenue	\$ 485,843	\$ 497,723	\$ 496,980	\$ 499,318	\$ 490,875	\$ 485,870	\$ 481,773	\$ 479,325	\$ 477,098	\$ 475,393	\$ 474,155	\$ 476,630	\$ 5,820,980	10
11	Total Margin Revenue	\$ 996,349	\$ 1,577,072	\$ 1,349,075	\$ 1,031,828	\$ 746,909	\$ 648,427	\$ 613,683	\$ 587,716	\$ 577,732	\$ 583,530	\$ 587,537	\$ 649,355	\$ 9,949,213	11
12	Margin per Customer	\$ 56.40	\$ 87.14	\$ 74.65	\$ 56.83	\$ 41.84	\$ 36.70	\$ 35.03	\$ 33.72	\$ 33.30	\$ 33.76	\$ 34.08	\$ 37.47	\$ 560.90	12
	Medium General Gas Service Monthly Billing Determinants														
13	Customers	14,955	14,708	14,678	14,537	14,528	14,562	14,563	14,524	14,577	14,628	14,700	14,777	175,737	13
14	Therms	4,936,715	6,405,982	5,988,404	4,953,524	3,700,836	3,026,783	2,626,808	2,221,142	2,158,772	2,312,048	2,446,927	3,106,748	43,884,689	14
	Transportation Customers														
15	Customers	77	77	77	77	77	77	77	77	77	77	77	77	924	15
16	Therms	38,862	35,532	36,345	30,200	28,165	23,243	30,387	26,574	17,174	36,616	31,012	35,638	369,748	16
	Total Customers														
17	Customers	15,032	14,785	14,755	14,614	14,605	14,639	14,640	14,601	14,654	14,705	14,777	14,854	176,661	17
18	Therms	4,975,577	6,441,514	6,024,749	4,983,724	3,729,001	3,050,026	2,657,195	2,247,716	2,175,946	2,348,664	2,477,939	3,142,386	44,254,437	18
	Proposed Margin Rates														
19	Basic Service Charge (BSC)	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	\$ 43.50	19
20	Margin Rate	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	\$ 0.47886	20
	Proposed Margin														
21	Margin Revenue	\$ 2,382,605	\$ 3,094,583	\$ 2,885,011	\$ 2,386,506	\$ 1,785,669	\$ 1,460,535	\$ 1,272,424	\$ 1,076,341	\$ 1,041,974	\$ 1,124,681	\$ 1,186,586	\$ 1,504,763	\$ 21,191,680	21
22	BSC Revenue	\$ 653,892	\$ 643,148	\$ 641,843	\$ 635,709	\$ 635,318	\$ 636,840	\$ 636,937	\$ 635,144	\$ 637,449	\$ 639,668	\$ 642,800	\$ 646,149	\$ 7,684,754	22
23	Total Margin Revenue	\$ 3,036,497	\$ 3,727,731	\$ 3,526,854	\$ 3,022,215	\$ 2,420,987	\$ 2,097,332	\$ 1,909,284	\$ 1,711,485	\$ 1,679,423	\$ 1,764,349	\$ 1,829,385	\$ 2,150,912	\$ 28,876,433	23
24	Margin per Customer	\$ 202.00	\$ 252.13	\$ 239.03	\$ 206.80	\$ 165.76	\$ 143.27	\$ 130.41	\$ 117.22	\$ 114.61	\$ 119.98	\$ 123.80	\$ 144.80	\$ 1,959.82	24

SOUTHWEST GAS CORPORATION
ARIZONA GENERAL RATE CASE
CALCULATION OF MONTHLY MARGIN PER CUSTOMER
FOR THE TWELVE MONTHS ENDED NOVEMBER 30, 2015

Line No.	Description (a)	December 2014 (b)	January 2015 (c)	February 2015 (d)	March 2015 (e)	April 2015 (f)	May 2015 (g)	June 2015 (h)	July 2015 (i)	August 2015 (j)	September 2015 (k)	October 2015 (l)	November 2015 (m)	Total (n)	Line No.
Large-1 General Gas Service Monthly Billing Determinants															
1	Sales Customers	6,645	6,614	6,664	6,628	6,606	6,603	6,596	6,594	6,602	6,601	6,613	6,633	79,399	1
2	Therms	12,255,468	13,922,732	13,883,305	12,262,120	9,832,858	7,832,273	6,762,894	5,761,086	5,464,069	5,704,456	6,114,681	7,574,728	107,375,670	2
3	Transportation Customers	144	144	144	144	144	144	144	144	144	144	144	144	1,728	3
4	Therms	365,672	371,876	330,302	261,464	222,861	151,944	154,465	133,891	117,133	151,128	167,667	247,555	2,675,958	4
5	Total Customers	6,789	6,758	6,808	6,772	6,750	6,747	6,740	6,738	6,746	6,745	6,757	6,777	81,127	5
6	Therms	12,621,140	14,294,608	14,218,607	12,523,584	10,055,719	7,984,217	6,917,359	5,894,977	5,581,202	5,855,584	6,282,348	7,822,283	110,051,628	6
7	Proposed Margin Rates	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	7
8	Basic Service Charge (BSC)	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	\$ 0.42547	8
9	Proposed Margin	\$ 5,369,916	\$ 6,081,927	\$ 6,049,591	\$ 5,328,409	\$ 4,278,407	\$ 3,397,045	\$ 2,943,129	\$ 2,508,136	\$ 2,374,634	\$ 2,491,375	\$ 2,672,951	\$ 3,328,147	\$ 46,823,666	9
10	BSC Revenue	\$ 543,120	\$ 540,640	\$ 544,640	\$ 541,760	\$ 540,000	\$ 539,760	\$ 539,200	\$ 539,040	\$ 539,680	\$ 539,600	\$ 540,560	\$ 542,160	\$ 6,490,160	10
11	Total Margin Revenue	\$ 5,913,036	\$ 6,622,567	\$ 6,594,231	\$ 5,870,169	\$ 4,818,407	\$ 3,936,805	\$ 3,482,329	\$ 3,047,176	\$ 2,914,314	\$ 3,030,975	\$ 3,213,511	\$ 3,870,307	\$ 53,313,826	11
12	Margin per Customer	\$ 870.937	\$ 979.96	\$ 988.60	\$ 866.83	\$ 713.84	\$ 583.49	\$ 516.67	\$ 452.24	\$ 432.01	\$ 449.37	\$ 475.58	\$ 571.09	\$ 7,880.64	12
Large-2 General Gas Service Monthly Billing Determinants															
13	Sales Customers	351	349	351	348	347	347	347	350	348	350	352	353	4,193	13
14	Therms	3,251,960	3,750,916	3,794,083	3,364,668	2,717,214	2,291,742	1,994,592	1,723,017	1,654,966	1,679,285	1,840,516	2,174,145	30,237,104	14
15	Transportation Customers	64	64	64	64	64	64	64	64	64	64	64	64	768	15
16	Therms	771,982	804,414	611,315	521,506	472,756	422,893	365,916	384,991	352,047	347,892	426,571	571,064	6,053,347	16
17	Total Customers	415	413	415	412	411	411	411	414	412	414	416	417	4,961	17
18	Therms	4,023,942	4,555,330	4,405,398	3,886,174	3,189,970	2,714,635	2,360,508	2,108,008	2,007,013	2,027,177	2,267,087	2,745,209	36,290,451	18
19	Proposed Margin Rates	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	\$ 470.00	19
20	Basic Service Charge (BSC)	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	\$ 0.29824	20
21	Proposed Margin	\$ 1,200,100	\$ 1,358,582	\$ 1,313,866	\$ 1,159,013	\$ 951,377	\$ 809,613	\$ 703,998	\$ 628,692	\$ 598,572	\$ 604,585	\$ 676,136	\$ 818,731	\$ 10,823,264	21
22	BSC Revenue	\$ 195,050	\$ 194,110	\$ 195,050	\$ 193,640	\$ 193,170	\$ 193,170	\$ 194,580	\$ 194,580	\$ 193,640	\$ 194,580	\$ 195,520	\$ 195,990	\$ 2,331,670	22
23	Total Margin Revenue	\$ 1,395,150	\$ 1,552,692	\$ 1,508,916	\$ 1,352,653	\$ 1,144,547	\$ 1,002,783	\$ 897,168	\$ 823,272	\$ 792,212	\$ 799,165	\$ 871,656	\$ 1,014,721	\$ 13,154,934	23
24	Margin per Customer	\$ 3,361.81	\$ 3,759.54	\$ 3,635.94	\$ 3,283.14	\$ 2,784.79	\$ 2,439.86	\$ 2,182.89	\$ 1,988.58	\$ 1,922.84	\$ 1,930.35	\$ 2,085.33	\$ 2,433.38	\$ 31,818.45	24