

Case No. 80911

In the Supreme Court of Nevada

SOUTHWEST GAS CORPORATION,
Appellant,

vs.

PUBLIC UTILITIES COMMISSION OF
NEVADA; and STATE OF NEVADA
BUREAU OF CONSUMER PROTECTION,
Respondents.

Electronically Filed
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Elizabeth A. Brown
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APPEAL

from the Eighth Judicial District Court, Clark County
The Honorable WILLIAM KEPHART, District Judge
District Court Case No. A-19-791302-J

**APPELLANT'S REPLY APPENDIX
VOLUME 23
PAGES 5355-5365**

DANIEL F. POLSENBERG (SBN 2376)
JOEL D. HENRIOD (SBN 8492)
ABRAHAM G. SMITH (SBN 13,250)
LEWIS ROCA ROTHGERBER CHRISTIE LLP
3993 Howard Hughes Parkway, Suite 600
Las Vegas, Nevada 89169
(702) 949-8200

Attorneys for Appellant

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CERTIFICATE OF SERVICE

I certify that on March 31, 2021, I submitted the foregoing “Appellant’s Reply Appendix” for filing *via* the Court’s eFlex electronic filing system. Electronic notification will be sent to the following:

GARRETT WEIR
DEBREA M. TERWILLIGER
PUBLIC UTILITIES COMMISSION OF NEVADA
1150 East William Street
Carson City, Nevada 89701

*Attorneys for Respondent Public
Utilities Commission of Nevada*

AARON D. FORD
ERNEST D. FIGUEROA
WHITNEY F. DIGEST
STATE OF NEVADA
OFFICE OF THE ATTORNEY GENERAL
100 North Carson Street
Carson City, Nevada 89701

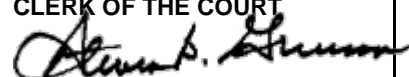
*Attorneys for Respondent
State of Nevada, Bureau of Consumer Protection*

/s/Jessie M. Helm
An Employee of Lewis Roca Rothgerber Christie LLP

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Steven D. Grierson
CLERK OF THE COURT



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GARRETT WEIR, ESQ.
Nevada Bar No. 12300
DEBREA M. TERWILLIGER, ESQ.
Nevada Bar No. 10452
1150 E. William Street
Carson City, NV 89701-3109
Tel: (775) 684-6132
Fax (775) 684-6186
gweir@puc.nv.gov
dterwilliger@puc.nv.gov

Attorneys for the Public Utilities Commission of Nevada

DISTRICT COURT

CLARK COUNTY, NEVADA

SOUTHWEST GAS CORPORATION,

Petitioner,

vs.

PUBLIC UTILITIES COMMISSION OF
NEVADA, *et al.*,

Respondents.

CASE NO. A-19-791302-J

DEPT. NO. 19

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Public Utilities Commission of Nevada
1150 E. William Street
Carson City, NV 89701-3109

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SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account/ Reference	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			Sch K-1, Sh 1-6 Col(c)	Sch K-1, Sh 1-6 Col(d)	Sch K-1, Sh 1-6 Col(e)	N/A	Sum (c) through (f)	
<u>Purchased Gas Cost</u>								
1	Natural Gas Transmission Line Purchases	803	\$ 111,661,838	\$ (111,661,838)	\$ 0	\$ 0	\$ 0	1
2	Purchased Gas Cost Adjustments	805.1	(48,061,223)	48,061,223	0	0	0	2
3	Gas Used for Compressor Station Fuel	810	(6,299)	6,299	0	0	0	3
4	Total Purchased Gas Cost	Sum Lns 1-5	\$ 63,594,315	\$ (63,594,315)	\$ 0	\$ 0	\$ 0	4
<u>Other Gas Costs</u>								
5	Other Gas Supply	813	\$ 666,524	\$ 25,607	\$ 14,826	\$ 0	\$ 706,958	5
<u>Transmission - Gas Cost</u>								
6	Transmission and Compression of Gas by Others	858	\$ 25,542,269	\$ (25,542,269)	\$ 0	\$ 0	\$ 0	6
<u>Transmission, Excluding Account 858</u>								
7	Operation Supervision and Engineering	850	\$ 436,338	\$ (11,207)	\$ 9,105	\$ 0	\$ 434,235	7
8	Operation System Control and Load Dispatching	851	858,304	30,500	17,651	0	906,454	8
9	Communication System Expense	852	966	0	0	0	966	9
10	Communication Station Labor and Expense	853	157,823	(3,322)	2,683	0	157,184	10
11	Gas for Compressor Station Fuel	854	6,299	0	0	0	6,299	11
12	Mains	856	155,330	(4,388)	3,312	0	154,254	12
13	Measuring and Regulating Station	857	0	0	0	0	0	13
14	Rents	860	131,003	0	0	0	131,003	14
15	Maintenance Supervision and Engineering	861	173,078	(3,214)	2,605	0	172,469	15
16	Maintenance of Structures and Improvements	862	2,370	0	0	0	2,370	16
17	Maintenance of Mains	863	1,941,434	(27,944)	23,305	0	1,936,795	17
18	Maintenance of Compressor Station Eq.	864	9,787	0	0	0	9,787	18
19	Maintenance of Measuring and Reg. Station Eq.	865	126,799	(461)	503	0	126,841	19
20	Maintenance of SCADA Eq.	866	456	(11)	8	0	453	20
21	Total Transmission, Excluding Account 858		\$ 3,999,986	\$ (20,049)	\$ 59,172	\$ 0	\$ 4,039,110	21
<u>Distribution</u>								
22	Operation Supervision and Engineering	870	\$ 6,598,471	\$ (154,727)	\$ 114,614	\$ 0	\$ 6,558,358	22
23	Operation Distribution Load Dispatching	871	401,276	16,754	9,870	0	427,900	23
24	Operation Mains and Services	874	6,893,366	(45,693)	37,067	0	6,884,741	24
25	Operation Measuring and Regulation Station	875	55,697	(1,298)	1,041	0	55,440	25
26	Operation Meter and House Regulator	878	7,403,992	(148,315)	119,964	0	7,375,641	26
27	Customer Installation	879	5,617,052	(29,863)	113,390	0	5,700,579	27
28	Other	880	3,896,209	(26,648)	56,262	0	3,925,823	28
29	Rents	881	(687,347)	0	0	0	(687,347)	29
30	Maintenance Supervision and Engineering	885	920,004	(17,993)	15,352	0	917,363	30
31	Maintenance of Structures and Improvements	886	1,197,113	(26,721)	8,909	0	1,179,301	31
32	Maintenance of Mains	887	5,605,326	(49,964)	40,269	0	5,595,632	32
33	Maintenance of Measuring and Reg. Station Eq.	889	774,083	(11,683)	9,317	0	771,716	33
34	Maintenance of Services	892	5,933,812	(93,097)	75,512	0	5,916,227	34
35	Maintenance of Meters and House Regulators	893	2,071,025	(42,078)	33,897	0	2,062,843	35
36	Maintenance of Other Equipment	894	66,182	(775)	610	0	66,016	36
37	Total Distribution	Sum Lns 10-24	\$ 46,746,262	\$ (632,102)	\$ 636,074	\$ 0	\$ 46,750,235	37

SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account/ Reference	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			Sch K-1, Sh 1-6 Col(c)	Sch K-1, Sh 1-6 Col(d)	Sch K-1, Sh 1-6 Col(e)	N/A	Sum (c) through (f)	
<u>Customer Accounts</u>								
1	Supervision	901	\$ 649,200	\$ 21,000	\$ 15,965	\$ 0	\$ 686,166	1
2	Meter Reading	902	784,467	(18,266)	14,695	0	780,896	2
3	Customer Records and Collection	903	12,388,980	901,961	144,584	0	13,435,525	3
4	Uncollectible Accounts	904	917,307	263,519	0	0	1,180,826	4
5	Miscellaneous	905	0	0	0	0	0	5
6	Total Customer Accounts	Sum Lns 26-30	\$ 14,739,954	\$ 1,168,215	\$ 175,245	\$ 0	\$ 16,083,413	6
<u>Customer Service and Information</u>								
7	Customer Assistance	908	\$ 35,000	\$ (35,000)	\$ 0	\$ 0	\$ 0	7
8	Informational and Instructional Advertising	909	0	0	0	0	0	8
9	Miscellaneous	910	248,251	(56,465)	0	0	191,786	9
10	Total Customer Service and Information	Sum Lns 1-3	\$ 283,251	\$ (91,465)	\$ 0	\$ 0	\$ 191,786	10
<u>Sales</u>								
11	Supervision	911	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	11
12	Demonstration and Selling	912	0	0	0	0	0	12
13	Advertising	913	0	0	0	0	0	13
14	Total Sales	Sum Lns 5-7	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	14
15	Total O&M		\$ 155,572,560	\$ (88,686,376)	\$ 885,317	\$ 0	\$ 67,771,501	15
<u>Administrative and General (A&G)</u>								
			WVP K-1, Sh 8, Col(o)				Sch K-1, Sh 7, Col(g)	
16	A&G Salaries	920	\$ 25,225,588	\$ (1,860,904)	\$ 482,290	\$ 0	\$ 23,846,974	16
17	Office Supplies and Expenses	921	4,007,149	(138,970)	0	0	3,868,179	17
18	A&G Expenses Transferred (Credit)	922	(4,589,169)	58,940	0	0	(4,530,229)	18
19	Outside Services	923	6,806,131	(201,538)	0	0	6,604,593	19
20	Property Insurance	924	130,652	1,731	0	0	132,383	20
21	Injuries and Damages	925	3,943,746	(243,702)	0	0	3,700,044	21
22	Employee Pension and Benefits	926	61,960	5,150,615	0	0	5,212,575	22
23	Regulatory Commission Expenses	928	0	0	78,675	0	78,675	23
24	Safety Advertising	930.1	349,875	(1,118)	0	0	348,757	24
25	Miscellaneous General	930.2	2,567,945	(475,252)	289,702	0	2,382,395	25
26	Rents	931	977,353	14,266	0	0	991,619	26
27	Maintenance of General Plant	935	503,776	52,561	2,467	0	558,804	27
28	Total A&G	Sum Lns 10-21	\$ 39,985,006	\$ 2,356,629	\$ 853,133	\$ 0	\$ 43,194,769	28
29	Total O&M and A&G	Ln 9 + Ln 22	\$ 195,557,566	\$ (86,329,747)	\$ 1,738,451	\$ 0	\$ 110,966,270	29

SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
<u>Purchased Gas Costs</u>								
1	Natural Gas Transmission Line Purchases	803	\$ 111,661,838	\$ (111,661,838)	\$ 0	\$ 0	\$ 0	1
2	Purchased Gas Cost Adjustments	805.1	(48,061,223)	48,061,223	0	0	0	2
3	Gas Used for Compressor Station Fuel	810	(6,299)	6,299	0	0	0	3
4	Total	Sum Lns 1-5	\$ 63,594,315	\$ (63,594,315)	\$ 0	\$ 0	\$ 0	4
<u>Other Gas Costs</u>								
<u>Other Gas Supply</u>								
5	Labor	813	\$ 352,229	\$ 36,049	\$ 11,260	\$ 0	\$ 399,538	5
6	Labor Loadings		240,892	(10,442)	3,566	0	234,016	6
7	Materials and Expenses		73,404	0	0	0	73,404	7
8	Total		\$ 666,524	\$ 25,607	\$ 14,826	\$ 0	\$ 706,958	8
<u>Transmission - Gas Cost</u>								
9	Transmission and Compression of Gas by Others	858	\$ 25,542,269	\$ (25,542,269)	\$ 0	\$ 0	\$ 0	9
<u>Transmission Expenses, Excluding Account 858 Operations</u>								
<u>Operation Supervision and Engineering</u>								
10	Labor	850	\$ 230,523	\$ 10,098	\$ 6,978	\$ 0	\$ 247,600	10
11	Labor Loadings		157,675	(21,306)	2,127	0	138,497	11
12	Materials and Expenses		48,139	0	0	0	48,139	12
13	Total		\$ 436,338	\$ (11,207)	\$ 9,105	\$ 0	\$ 434,235	13
<u>System Control and Load Dispatching</u>								
14	Labor	851	\$ 419,408	\$ 42,925	\$ 13,408	\$ 0	\$ 475,741	14
15	Labor Loadings		286,650	(12,425)	4,243	0	278,467	15
16	Materials and Expenses		152,246	0	0	0	152,246	16
17	Total		\$ 858,304	\$ 30,500	\$ 17,651	\$ 0	\$ 906,454	17
<u>Communication System Expense</u>								
18	Labor	852	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	18
19	Labor Loadings		0	0	0	0	0	19
20	Materials and Expenses		966	0	0	0	966	20
21	Total		\$ 966	\$ 0	\$ 0	\$ 0	\$ 966	21
<u>Communication Station Labor and Expense</u>								
22	Labor	853	\$ 67,877	\$ 2,973	\$ 2,055	\$ 0	\$ 72,905	22
23	Labor Loadings		46,594	(6,296)	629	0	40,926	23
24	Materials and Expenses		43,353	0	0	0	43,353	24
25	Total		\$ 157,823	\$ (3,322)	\$ 2,683	\$ 0	\$ 157,184	25
<u>Gas for Compressor Station Fuel</u>								
26	Labor	854	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	26
27	Labor Loadings		0	0	0	0	0	27
28	Materials and Expenses		6,299	0	0	0	6,299	28
29	Total		\$ 6,299	\$ 0	\$ 0	\$ 0	\$ 6,299	29
<u>Mains Expense</u>								
30	Labor	856	\$ 82,964	\$ 3,634	\$ 2,511	\$ 0	\$ 89,109	30
31	Labor Loadings		58,374	(8,023)	801	0	52,152	31
32	Materials and Expenses		12,993	0	0	0	12,993	32
33	Total		\$ 155,330	\$ (4,388)	\$ 3,312	\$ 0	\$ 154,254	33
<u>Measuring and Regulating Station Expense</u>								
34	Labor	857	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	34
35	Labor Loadings		0	0	0	0	0	35
36	Materials and Expenses		0	0	0	0	0	36
37	Total		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	37
38	Rents	860	\$ 131,003	\$ 0	\$ 0	\$ 0	\$ 131,003	38

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC**

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
<u>Transmission Expenses, Excluding Account 858 Continued</u>								
<u>Maintenance</u>								
	Maintenance Supervision and Engineering	861						
1	Labor		\$ 65,940	\$ 2,889	\$ 1,996	\$ 0	\$ 70,825	1
2	Labor Loadings		45,160	(6,102)	609	0	39,667	2
3	Materials and Expenses		61,978	0	0	0	61,978	3
4	Total		\$ 173,078	\$ (3,214)	\$ 2,605	\$ 0	\$ 172,469	4
	Maintenance of Structures and Improvements	862						
5	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	5
6	Labor Loadings		0	0	0	0	0	6
7	Materials and Expenses		2,370	0	0	0	2,370	7
8	Total		\$ 2,370	\$ 0	\$ 0	\$ 0	\$ 2,370	8
	Maintenance of Mains	863						
9	Labor		\$ 591,612	\$ 25,995	\$ 17,911	\$ 0	\$ 635,518	9
10	Labor Loadings		399,794	(53,940)	5,394	0	351,249	10
11	Materials and Expenses		950,028	0	0	0	950,028	11
12	Total		\$ 1,941,434	\$ (27,944)	\$ 23,305	\$ 0	\$ 1,936,795	12
	Maintenance of Compressor Station Equipment	864						
13	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	13
14	Labor Loadings		0	0	0	0	0	14
15	Materials and Expenses		9,787	0	0	0	9,787	15
16	Total		\$ 9,787	\$ 0	\$ 0	\$ 0	\$ 9,787	16
	Maintenance of Measuring & Regulating Station Equip	865						
17	Labor		\$ 13,186	\$ 578	\$ 399	\$ 0	\$ 14,163	17
18	Labor Loadings		7,686	(1,039)	104	0	6,751	18
19	Materials and Expenses		105,927	0	0	0	105,927	19
20	Total		\$ 126,799	\$ (461)	\$ 503	\$ 0	\$ 126,841	20
	Maintenance of SCADA Equipment	866						
21	Labor		\$ 206	\$ 9	\$ 6	\$ 0	\$ 222	21
22	Labor Loadings		149	(20)	2	0	131	22
23	Materials and Expenses		101	0	0	0	101	23
24	Total		\$ 456	\$ (11)	\$ 8	\$ 0	\$ 453	24
	Total Transmission Expense, Excluding Account 858							
25	Labor		\$ 1,471,716	\$ 89,102	\$ 45,264	\$ 0	\$ 1,606,082	25
26	Labor Loadings		1,003,081	(109,150)	13,909	0	907,840	26
27	Materials and Expenses		1,525,188	0	0	0	1,525,188	27
28	Total		\$ 3,999,986	\$ (20,049)	\$ 59,172	\$ 0	\$ 4,039,110	28

SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
<u>Distribution</u>								
	Operation Supervision and Engineering	870						
1	Labor		\$ 2,906,851	\$ 136,445	\$ 88,256	\$ 0	\$ 3,131,552	1
2	Labor Loadings		1,948,700	(258,377)	26,359	0	1,716,682	2
3	Materials and Expenses		1,742,919	(32,795)	0	0	1,710,124	3
4	Total		\$ 6,598,471	\$ (154,727)	\$ 114,614	\$ 0	\$ 6,558,358	4
	Operation Distribution Load Dispatching	871						
5	Labor		\$ 234,494	\$ 23,868	\$ 7,493	\$ 0	\$ 265,855	5
6	Labor Loadings		160,772	(7,114)	2,378	0	156,036	6
7	Materials and Expenses		6,010	0	0	0	6,010	7
8	Total		\$ 401,276	\$ 16,754	\$ 9,870	\$ 0	\$ 427,900	8
	Operation Mains and Services	874						
9	Labor		\$ 938,282	\$ 41,103	\$ 28,402	\$ 0	\$ 1,007,787	9
10	Labor Loadings		642,342	(86,796)	8,665	0	564,212	10
11	Materials and Expenses		5,312,742	0	0	0	5,312,742	11
12	Total		\$ 6,893,366	\$ (45,693)	\$ 37,067	\$ 0	\$ 6,884,741	12
	Operation Measuring and Regulation Station	875						
13	Labor		\$ 26,307	\$ 1,152	\$ 796	\$ 0	\$ 28,255	13
14	Labor Loadings		18,136	(2,451)	245	0	15,930	14
15	Materials and Expenses		11,254	0	0	0	11,254	15
16	Total		\$ 55,697	\$ (1,298)	\$ 1,041	\$ 0	\$ 55,440	16
	Operation Meter and House Regulator	878						
17	Labor		\$ 3,035,381	\$ 132,970	\$ 91,882	\$ 0	\$ 3,260,233	17
18	Labor Loadings		2,081,682	(281,285)	28,082	0	1,828,479	18
19	Materials and Expenses		2,286,929	0	0	0	2,286,929	19
20	Total		\$ 7,403,992	\$ (148,315)	\$ 119,964	\$ 0	\$ 7,375,641	20
	Customer Installation	879						
21	Labor		\$ 2,814,795	\$ 174,670	\$ 86,694	\$ 0	\$ 3,076,160	21
22	Labor Loadings		1,920,663	(204,534)	26,696	0	1,742,825	22
23	Materials and Expenses		881,594	0	0	0	881,594	23
24	Total		\$ 5,617,052	\$ (29,863)	\$ 113,390	\$ 0	\$ 5,700,579	24
	Other	880						
25	Labor		\$ 1,406,454	\$ 75,879	\$ 42,988	\$ 0	\$ 1,525,321	25
26	Labor Loadings		967,854	(115,509)	13,275	0	865,619	26
27	Materials and Expenses		1,521,901	12,981	0	0	1,534,882	27
28	Total		\$ 3,896,209	\$ (26,648)	\$ 56,262	\$ 0	\$ 3,925,823	28
29	Rents	881	\$ (687,347)	\$ 0	\$ 0	\$ 0	\$ (687,347)	29

SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
	Maintenance Supervision and Engineering	885						
1	Labor		\$ 392,617	\$ 17,544	\$ 11,895	\$ 0	\$ 422,056	1
2	Labor Loadings		257,135	(35,537)	3,457	0	225,055	2
3	Materials and Expenses		270,252	0	0	0	270,252	3
4	Total		\$ 920,004	\$ (17,993)	\$ 15,352	\$ 0	\$ 917,363	4
	Maintenance of Structures and Improvements	886						
5	Labor		\$ 225,399	\$ 9,874	\$ 6,823	\$ 0	\$ 242,096	5
6	Labor Loadings		154,630	(20,894)	2,086	0	135,822	6
7	Materials and Expenses		817,084	(15,701)	0	0	801,383	7
8	Total		\$ 1,197,113	\$ (26,721)	\$ 8,909	\$ 0	\$ 1,179,301	8
	Maintenance of Mains	887						
9	Labor		\$ 1,018,403	\$ 44,613	\$ 30,827	\$ 0	\$ 1,093,844	9
10	Labor Loadings		699,927	(94,577)	9,442	0	614,793	10
11	Materials and Expenses		3,886,996	0	0	0	3,886,996	11
12	Total		\$ 5,605,326	\$ (49,964)	\$ 40,269	\$ 0	\$ 5,595,632	12
	Maintenance of Measuring and Reg. Station Eq.	889						
13	Labor		\$ 235,262	\$ 10,306	\$ 7,121	\$ 0	\$ 252,689	13
14	Labor Loadings		162,735	(21,989)	2,195	0	142,941	14
15	Materials and Expenses		376,087	0	0	0	376,087	15
16	Total		\$ 774,083	\$ (11,683)	\$ 9,317	\$ 0	\$ 771,716	16
	Maintenance of Services	892						
17	Labor		\$ 1,911,380	\$ 83,731	\$ 57,858	\$ 0	\$ 2,052,969	17
18	Labor Loadings		1,308,637	(176,828)	17,654	0	1,149,462	18
19	Materials and Expenses		2,713,796	0	0	0	2,713,796	19
20	Total		\$ 5,933,812	\$ (93,097)	\$ 75,512	\$ 0	\$ 5,916,227	20
	Maintenance of Meters and House Regulators	893						
21	Labor		\$ 857,177	\$ 37,550	\$ 25,947	\$ 0	\$ 920,674	21
22	Labor Loadings		589,298	(79,628)	7,950	0	517,619	22
23	Materials and Expenses		624,550	0	0	0	624,550	23
24	Total		\$ 2,071,025	\$ (42,078)	\$ 33,897	\$ 0	\$ 2,062,843	24
	Maintenance of Other Equipment	894						
25	Labor		\$ 15,361	\$ 673	\$ 465	\$ 0	\$ 16,499	25
26	Labor Loadings		10,714	(1,448)	145	0	9,411	26
27	Materials and Expenses		40,107	0	0	0	40,107	27
28	Total		\$ 66,182	\$ (775)	\$ 610	\$ 0	\$ 66,016	28
	Total Distribution							
29	Labor		\$ 16,018,164	\$ 790,379	\$ 487,448	\$ 0	\$ 17,295,990	29
30	Labor Loadings		10,923,225	(1,386,965)	148,627	0	9,684,886	30
31	Materials and Expenses		19,804,873	(35,515)	0	0	19,769,359	31
32	Total		\$ 46,746,262	\$ (632,102)	\$ 636,074	\$ 0	\$ 46,750,235	32

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC**

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
Customer Accounts								
Supervision								
901								
1	Labor		\$ 317,320	\$ 34,420	\$ 12,144	\$ 0	\$ 363,884	1
2	Labor Loadings		215,116	(13,420)	3,821	0	205,516	2
3	Materials and Expenses		116,765	0	0	0	116,765	3
4	Total		\$ 649,200	\$ 21,000	\$ 15,965	\$ 0	\$ 686,166	4
Meter Reading								
902								
5	Labor		\$ 371,540	\$ 16,276	\$ 11,247	\$ 0	\$ 399,063	5
6	Labor Loadings		255,629	(34,542)	3,448	0	224,536	6
7	Materials and Expenses		157,297	0	0	0	157,297	7
8	Total		\$ 784,467	\$ (18,266)	\$ 14,695	\$ 0	\$ 780,896	8
Customer Records and Collection								
903								
9	Labor		\$ 2,352,790	\$ 266,944	\$ 109,968	\$ 0	\$ 2,729,702	9
10	Labor Loadings		1,598,497	(148,980)	34,616	0	1,484,133	10
11	Materials and Expenses		8,437,693	783,997	0	0	9,221,690	11
12	Total		\$ 12,388,980	\$ 901,961	\$ 144,584	\$ 0	\$ 13,435,525	12
13	Uncollectible Accounts		\$ 917,307	\$ 263,519	\$ 0	\$ 0	\$ 1,180,826	13
Miscellaneous								
905								
14	Labor		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	14
15	Labor Loadings		0	0	0	0	0	15
16	Materials and Expenses		0	0	0	0	0	16
17	Total		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	17
Total Customer Accounts								
18	Labor		\$ 3,041,650	\$ 317,640	\$ 133,359	\$ 0	\$ 3,492,649	18
19	Labor Loadings		2,069,242	(196,941)	41,886	0	1,914,186	19
20	Materials and Expenses		9,629,061	1,047,517	0	0	10,676,578	20
21	Total		\$ 14,739,954	\$ 1,168,215	\$ 175,245	\$ 0	\$ 16,083,413	21

SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS AND MAINTENANCE EXPENSE
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC

Line No.	Description	Account No.	Recorded 01/31/2018	Test Year Adjustments	Certification Adjustments	ECIC Adjustments	Requested	Line No.
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
			WP K-1, Sh 1	WP K-1, Sh 11	WP K-1, Sh 21	N/A	Sum (c) through (f)	
<u>Customer Service and Information</u>								
Customer Assistance 908								
1	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	1
2	Labor Loadings		0	0	0	0	0	2
3	Materials and Expenses		35,000	(35,000)	0	0	0	3
4	Total		\$ 35,000	\$ (35,000)	\$ 0	\$ 0	0	4
Informational and Instructional Advertising 909								
5	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	5
6	Labor Loadings		0	0	0	0	0	6
7	Materials and Expenses		0	0	0	0	0	7
8	Total		\$ 0	\$ 0	\$ 0	\$ 0	0	8
Miscellaneous 910								
9	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	9
10	Labor Loadings		0	0	0	0	0	10
11	Materials and Expenses		248,251	(56,465)	0	0	191,786	11
12	Total		\$ 248,251	\$ (56,465)	\$ 0	\$ 0	191,786	12
Total Customer Service and Information								
13	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	13
14	Labor Loadings		0	0	0	0	0	14
15	Materials and Expenses		283,251	(91,465)	0	0	191,786	15
16	Total		\$ 283,251	\$ (91,465)	\$ 0	\$ 0	191,786	16
<u>Sales</u>								
Supervision 911								
17	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	17
18	Labor Loadings		0	0	0	0	0	18
19	Materials and Expenses		0	0	0	0	0	19
20	Total		\$ 0	\$ 0	\$ 0	\$ 0	0	20
Demonstration and Selling 912								
21	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	21
22	Labor Loadings		0	0	0	0	0	22
23	Materials and Expenses		0	0	0	0	0	23
24	Total		\$ 0	\$ 0	\$ 0	\$ 0	0	24
Advertising 913								
25	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	25
26	Labor Loadings		0	0	0	0	0	26
27	Materials and Expenses		0	0	0	0	0	27
28	Total		\$ 0	\$ 0	\$ 0	\$ 0	0	28
Total Sales								
29	Labor		\$ 0	\$ 0	\$ 0	\$ 0	0	29
30	Labor Loadings		0	0	0	0	0	30
31	Materials and Expenses		0	0	0	0	0	31
32	Total		\$ 0	\$ 0	\$ 0	\$ 0	0	32
Total O&M								
33	Labor		\$ 19,412,043	\$ 1,144,068	\$ 632,067	\$ 0	21,188,177	33
34	Labor Loadings		13,233,359	(1,594,349)	194,078	0	11,833,088	34
35	Materials and Expenses		122,927,158	(88,236,096)	59,172	0	34,750,235	35
36	Total		\$ 155,572,560	\$ (88,686,376)	\$ 885,317	\$ 0	67,771,501	36

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
ADMINISTRATIVE AND GENERAL (A&G) EXPENSES
FOR THE TWELVE MONTHS ENDED JANUARY 31, 2018
AS ADJUSTED FOR THE TEST YEAR, CERTIFICATION AND ECIC**

Line No.	Description (a)	Account No./ Reference (b)	Recorded 01/31/2018 (c)	Test Year Adjustments (d)	Certification Adjustments (e)	ECIC Adjustments (f)	SNV Requested (g)	Line No.
			WP K-1, Sh 7	WP K-1, Sh 17	WP K-1, Sh 27	N/A	Sum (c) through (f)	
	<u>Administrative and General (A&G)</u>							
	A&G Salaries	920						
1	Labor		\$ 17,576,478	\$ (1,109,405)	\$ 367,380	\$ 0	\$ 16,834,453	1
2	Labor Loadings		8,732,832	(723,148)	114,910	0	8,124,593	2
3	Materials and Expenses		<u>(1,083,722)</u>	<u>(28,351)</u>	<u>0</u>	<u>0</u>	<u>(1,112,072)</u>	3
4	Total	Sum Lns 1-3	\$ <u>25,225,588</u>	\$ <u>(1,860,904)</u>	\$ <u>482,290</u>	\$ <u>0</u>	\$ <u>23,846,974</u>	4
5	Office Supplies and Expenses	921	\$ 4,007,149	\$ (138,970)	\$ 0	\$ 0	\$ 3,868,179	5
6	A&G Expenses Transferred (Credit)	922	\$ (4,589,169)	\$ 58,940	\$ 0	\$ 0	\$ (4,530,229)	6
7	Outside Services	923	\$ 6,806,131	\$ (201,538)	\$ 0	\$ 0	\$ 6,604,593	7
8	Property Insurance	924	\$ 130,652	\$ 1,731	\$ 0	\$ 0	\$ 132,383	8
9	Injuries and Damages	925	\$ 3,943,746	\$ (243,702)	\$ 0	\$ 0	\$ 3,700,044	9
10	Employee Pension and Benefits	926	\$ 61,960	\$ 5,150,615	\$ 0	\$ 0	\$ 5,212,575	10
11	Regulatory Commission Expenses	928	\$ 0	\$ 0	\$ 78,675	\$ 0	\$ 78,675	11
12	Safety Advertising	930.1	\$ 349,875	\$ (1,118)	\$ 0	\$ 0	\$ 348,757	12
	Miscellaneous General	930.2						
13	Labor		\$ 6,969	\$ 0	\$ 0	\$ 0	\$ 6,969	13
14	Labor Loadings		0	0	0	0	0	14
15	Materials and Expenses		<u>2,560,976</u>	<u>(475,252)</u>	<u>289,702</u>	<u>0</u>	<u>2,375,426</u>	15
16	Total	Sum Lns 13-15	\$ <u>2,567,945</u>	\$ <u>(475,252)</u>	\$ <u>289,702</u>	\$ <u>0</u>	\$ <u>2,382,395</u>	16
17	Rents	931	\$ 977,353	\$ 14,266	\$ 0	\$ 0	\$ 991,619	17
	Maintenance of General Plant	935						
18	Labor		\$ 65,595	\$ 1,885	\$ 1,873	\$ 0	\$ 69,353	18
19	Labor Loadings		45,134	(3,737)	594	0	41,991	19
20	Materials and Expenses		<u>393,047</u>	<u>54,413</u>	<u>0</u>	<u>0</u>	<u>447,461</u>	20
21	Total	Sum Lns 18-20	\$ <u>503,776</u>	\$ <u>52,561</u>	\$ <u>2,467</u>	\$ <u>0</u>	\$ <u>558,804</u>	21
	Total A&G Expenses							
22	Labor		\$ 17,649,041	\$ (1,107,520)	\$ 369,253	\$ 0	\$ 16,910,775	22
23	Labor Loadings		8,777,966	(726,886)	115,504	0	8,166,584	23
24	Materials and Expenses		<u>13,557,999</u>	<u>4,191,035</u>	<u>368,376</u>	<u>0</u>	<u>18,117,410</u>	24
25	Total	Sum Lns 22-24	\$ <u>39,985,006</u>	\$ <u>2,356,629</u>	\$ <u>853,133</u>	\$ <u>0</u>	\$ <u>43,194,769</u>	25