

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



April 11, 2017

Advice Letter 1031-G

Justin Lee Brown
Vice-President/Regulatory Affairs
Southwest Gas Corporation
PO Box 98510
Las Vegas, NV 89193-8510

SUBJECT: Update Procurement Charges Applicable To Schedule No. GCP for Core Customers And The TFF And The TDS Surcharges Applicable To Core And Noncore Customers In SWG's California Service Areas

Dear Mr. Brown:

Advice Letter 1031-G is effective as of February 1, 2017.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Director, Energy Division



SOUTHWEST GAS CORPORATION

Justin Lee Brown, Vice President/Regulation and Public Affairs

February 1, 2017

ATTN: Tariff Unit, Energy Division
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Subject: Southwest Gas Corporation (U 905 G)
Advice Letter No. 1031

Enclosed herewith is one (1) copy of Southwest Gas Corporation's Advice Letter No. 1031, together with California Gas Tariff Sheet Nos. 65, 66, 68-71 and 123.

Sincerely,

Valerie J. Ontiveroz
Regulatory Manager/California

VJO:dm
Enclosures



SOUTHWEST GAS CORPORATION

Advice Letter No. 1031

February 1, 2017

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Southwest Gas Corporation (Southwest Gas) (U 905 G) tenders herewith for filing the following tariff sheets:

Cal. P.U.C. Sheet No.	California Gas Tariff Title of Sheet	Canceling Cal. P.U.C. Sheet No.
86th Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	85th Revised Sheet No. 65
87th Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	86th Revised Sheet No. 66
84th Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	83rd Revised Sheet No. 68
86th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	85th Revised Sheet No. 69
51st Revised Sheet No. 70	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	50th Revised Sheet No. 70
86th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	85th Revised Sheet No. 71
70th Revised Sheet No. 123	Schedule No. GCP – Gas Procurement For Core Customers	69th Revised Sheet No. 123

Purpose

The purpose of this routine monthly filing is to revise the above listed tariff sheets by updating: (1) procurement charges applicable to Schedule No. GCP, Gas Procurement for Core Customers, in compliance with the California Public Utilities Commission's (Commission) letter dated October 20, 2000, approving Southwest Gas' Advice Letter No. 619; (2) the Transportation Franchise Fee (TFF) Surcharge applicable to core and noncore customers who secure their own sources of supply, pursuant to Public Utilities Code, Sections 6350 to 6354, *et seq*; and (3) the Transportation Distribution Shrinkage (TDS) Charge, in accordance with Decision No. (D.)14-06-028.



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Purpose (Continued)

For core sales customers, the February 2017 cost of gas, including adjustment for franchises and uncollectibles, is \$0.34840 per therm for Southwest Gas' Southern California Service Area and \$0.34243 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TFF Surcharge rate is \$0.00379 per therm for Southwest Gas' Southern California Service Area and \$0.00418 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TDS Charge is \$0.00265 per therm for Southwest Gas' Southern California Service Area and \$0.00192 for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

Effective Date

Advice Letter No. 626 authorized Southwest Gas to make its monthly gas cost adjustment effective between the first and seventh calendar day of each month. Therefore, Southwest Gas requests the gas cost adjustments be effective February 1, 2017. This Advice Letter is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition) pursuant to General Order (GO) 96-B.

Protest

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based with specificity. The protest must be sent no later than 20 days after the date of this Advice Letter filing and shall be sent by letter via U.S. Mail, facsimile, or electronically mailed. The address for mailing or delivering a protest to the Commission is:

ATTN: Tariff Unit
Energy Division
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102
E-mail: edtariffunit@cpuc.ca.gov
Facsimile: 415-703-2200



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Protest (Continued)

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004, at the same address as above and mailed or faxed to:

Mr. Justin Lee Brown
Vice President/Regulation & Public Affairs
Southwest Gas Corporation
P.O. Box 98510
Las Vegas, NV 89193-8510
Facsimile: 702-364-3452

Notice

Pursuant to Energy Industry Rule 3.1(2), Southwest Gas is exempt from the notice requirements set forth in General Rule 4.2 in GO 96-B since this Advice Letter is filed in accordance with previously authorized procedures as noted herein.

Service

In accordance with GO 96-B, General Rule 7.2, Southwest Gas is mailing copies of this Advice Letter and related tariff sheets to the utilities and interested parties shown on the attached list.

Communications regarding this filing should be directed to:

Valerie J. Ontiveroz
Regulatory Manager/California
Southwest Gas Corporation
P.O. Box 98510
Las Vegas, NV 89193-8510
Telephone: 702-876-7323
E-mail: valerie.ontiveroz@swgas.com

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By: 

Justin Lee Brown

Attachments

Distribution List

Advice Letter No. 1031

In conformance with GO 96-B, General Rule 4.3

The following individual has been served by regular, first-class mail:

Elizabeth Echols, Director
Office of Ratepayer Advocates
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94105

The following individuals or entities have been served by electronic mail:

Pacific Gas & Electric Company
PGETariffs@pge.com

Southern California Gas Company
SNewsom@semprautilities.com

San Diego Gas & Electric Company
SDG&ETariffs@SempraUtilities.com

Robert M. Pocta
Office of Ratepayer Advocates
California Public Utilities Commission
rmp@cpuc.ca.gov

Nathaniel Skinner
Office of Ratepayer Advocates
California Public Utilities Commission
nws@cpuc.ca.gov

Pearlie Sabino
Office of Ratepayer Advocates
California Public Utilities Commission
pzs@cpuc.ca.gov

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **Southwest Gas Corporation (U 905 G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: **Valerie J. Ontiveroz**

Phone #: **(702) 876-7323**

E-mail: **valerie.ontiveroz@swgas.com**

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **1031**

Subject of AL: **To update procurement charges applicable to Schedule No. GCP for core customers and the Transportation Franchise Fee (TFF) and Transportation Distribution Shrinkage (TDS) Surcharges applicable to core and noncore customers in Southwest Gas' California service areas**

Keywords (choose from CPUC listing): **Decreased rates in Southern California (SCA) & increased rates in Northern California (NCA) and South Lake Tahoe (SLT)**

AL filing type: Monthly Quarterly Annual One-Time Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL **Not applicable**

Summarize differences between the AL and the prior withdrawn or rejected AL¹: **Not applicable**

Resolution Required? Yes No

Requested effective date: **February 1, 2017**

No. of tariff sheets: **7**

Estimated system annual revenue effect (%): **(0.72%) SCA, 0.84% NCA, and 1.08% SLT**

Estimated system average rate effect (%): **(0.72%) SCA, 0.84% NCA, and 1.08% SLT**

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: **Schedule No. GCP – Gas Procurement for Core Customers**

Service affected and changes proposed¹: **See 'Subject of AL' above**

Pending advice letters that revise the same tariff sheets: **Not applicable**

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

**CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.
San Francisco, CA 94102
E-mail: edtariffunit@cpuc.ca.gov**

**Mr. Justin Lee Brown,
Vice-President/Regulation & Public Affairs
Southwest Gas Corporation
P. O. Box 98510
Las Vegas, NV 89193-8510
E-mail: justin.brown@swgas.com
Facsimile: 702-364-3452**

¹ Discuss in AL if more space is needed.

STATEMENT OF RATES
RATES APPLICABLE TO SOUTHERN CALIFORNIA SERVICE AREA [1]

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate	
					CPUC	PPP			
GS-10-Residential Gas Service									
Basic Service Charge	\$5.00							\$5.00	
Cost per Therm									
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139	\$.14256	\$.34840	\$ 1.31258		R
Tier II	\$.86493	.12657	.99150	.00139	.14256	.34840	1.48385		R
GS-11-Residential Air-Conditioning Gas Service									
Basic Service Charge	\$5.00							\$5.00	
Cost per Therm									
Tier I	\$.69366	\$.12657	\$.82023	\$.00139	\$.14256	\$.34840	\$ 1.31258		R
Tier II	.86493	.12657	.99150	.00139	.14256	.34840	1.48385		R
Air-Conditioning	\$.34683	.12657	.47340	.00139	.14256	.34840	.96575		R
GS-12-CARE Residential Gas Service									
Basic Service Charge	\$4.00							\$4.00	
Cost per Therm									
Baseline Quantities	\$.45993	\$.12657	\$.58650	\$.00139	\$.01755	\$.34840	\$.95384		R
Tier II	.59695	.12657	.72352	.00139	.01755	.34840	1.09086		R
GS-15-Secondary Residential Gas Service									
Basic Service Charge	\$6.00							\$6.00	
Cost per Therm	\$1.06499	\$.12657	\$ 1.19156	\$.00139	\$.14256	\$.34840	\$ 1.68391		R
GS-20-Multi-Family Master-Metered Gas Service									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm									
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139	\$.14256	\$.34840	\$ 1.31258		R
Tier II	.86493	.12657	.99150	.00139	.14256	.34840	1.48385		R
GS-25 -Multi-Family Master-Metered Gas Service-Submetered									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm									
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139	\$.14256	\$.34840	\$ 1.31258		R
Tier II	.86493	.12657	.99150	.00139	.14256	.34840	1.48385		R
Submetered Discount per Occupied Space	(\$7.69)						(\$7.69)		
GS-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service									
Basic Service Charge	\$8.80							\$8.80	
Cost per Therm									
First 100	\$.40011	\$.12657	.52668	\$.00139	\$.01755	\$.34840	\$.89402		R
Next 500	.26994	.12657	.39651	.00139	.01755	.34840	.76385		R
Next 2,400	.16580	.12657	.29237	.00139	.01755	.34840	.65971		R
Over 3,000	.04590	.12657	.17247	.00139	.01755	.34840	.53981		R
GS-40-Core General Gas Service									
Basic Service Charge	\$11.00							\$11.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm									
First 100	\$.61888	\$.12657	\$.74545	\$.00139	\$.14256	\$.34840	\$ 1.23780		R
Next 500	\$.45617	.12657	.58274	.00139	.14256	.34840	1.07509		R
Next 2,400	\$.32599	.12657	.45256	.00139	.14256	.34840	.94491		R
Over 3,000	\$.17612	.12657	.30269	.00139	.14256	.34840	.79504		R

STATEMENT OF RATES
RATES APPLICABLE TO SOUTHERN CALIFORNIA SERVICE AREA [1]

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments	Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate	
				CPUC	PPP			
GS-50-Core Natural Gas Service for Motor Vehicles								
Basic Service Charge	\$25.00						\$25.00	
Cost per Therm	\$.12183	\$.12657	\$.24840	\$.00139	\$.14256	\$.34840	\$.74075	R
GS-60-Core Internal Combustion Engine Gas Service								
Basic Service Charge	\$25.00						\$25.00	
Cost per Therm	\$.18132	\$.12657	\$.30789	\$.00139	\$.14256	\$.34840	\$.80024	R
GS-LUZ-Solar Electric Generation Gas Service								
Basic Service Charge	\$50.00						\$50.00	
Cost per Therm	\$.05217	\$.00133	\$.05350	\$.00139			\$.05489	R
GS-66-Core Small Electric Power Generation Gas Service								
Basic Service Charge	\$25.00						\$25.00	
Cost per Therm	\$.26205	\$.12657	\$.38862	\$.00139		\$.34840	\$.73841	R
GS-70-Noncore General Gas Transportation Service								
Basic Service Charge	\$100.00						\$100.00	
Transportation Service Charge	\$780.00						\$780.00	
Cost per Therm	\$.13261	\$.03661	\$.16922	\$.00139	\$.14256		\$.31317	
GS-VIC City of Victorville Gas Service								
Basic Service Charge	\$11.00						\$ 11.00	
Transportation Service Charge	\$780.00						\$780.00	
Cost per Therm	\$.37077	\$.12657	\$.49734	\$.00139		\$.34840	\$.84713	R
TFF-Transportation Franchise Fee Surcharge Provision								
TFF Surcharge per Therm							\$.00379	R
TDS - Transportation Distribution System Shrinkage Charge								
TDS Charge per Therm							\$.00265	R
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision								
MHPS Surcharge per Space per Month							\$.21000	

STATEMENT OF RATES
RATES APPLICABLE TO NORTHERN CALIFORNIA SERVICE AREA [1] [2]

Schedule No. and Type of Charge	Margin	Charges [3] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
GN-10-Residential Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$.73294	\$.19984	\$.93278	\$.00139	\$.02947	\$.34243	\$ 1.30607	
Tier II	.84375	.19984	1.04359	.00139	.02947	.34243	1.41688	
GN-12-CARE Residential Gas Service								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$.47790	\$.19984	\$.67774	\$.00139	\$.01755	\$.34243	\$ 1.03911	
Tier II	.56655	.19984	.76639	.00139	.01755	.34243	1.12776	
GN-15-Secondary Residential Gas Service								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$.88171	\$.19984	\$ 1.08155	\$.00139	\$.02947	\$.34243	\$ 1.45484	
GN-20-Multi-Family Master-Metered Gas Service								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.73294	\$.19984	\$.93278	\$.00139	\$.02947	\$.34243	\$ 1.30607	
Tier II	.84375	.19984	1.04359	.00139	.02947	.34243	1.41688	
GN-25-Multi-Family Master-Metered Gas Service-Submetered								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.73294	\$.19984	\$.93278	\$.00139	\$.02947	\$.34243	\$ 1.30607	
Tier II	.84375	.19984	1.04359	.00139	.02947	.34243	1.41688	
Submetered Discount per Occupied Space	(\$11.01)							(\$11.01)
GN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$.37753	\$.19984	\$.57737	\$.00139	\$.01755	\$.34243	\$.93874	
Next 500	.27947	.19984	.47931	.00139	.01755	.34243	.84068	
Next 2,400	.18400	.19984	.38384	.00139	.01755	.34243	.74521	
Over 3,000	.03722	.19984	.23706	.00139	.01755	.34243	.59843	
GN-40-Core General Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$.60748	\$.19984	\$.80732	\$.00139	\$.02947	\$.34243	\$ 1.18061	
Next 500	.48490	.19984	.68474	.00139	.02947	.34243	1.05803	
Next 2,400	.36557	.19984	.56541	.00139	.02947	.34243	.93870	
Over 3,000	.18209	.19984	.38193	.00139	.02947	.34243	.75522	
GN-50-Core Natural Gas Service for Motor Vehicles								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm	\$.10134	\$.19984	\$.30118	\$.00139	\$.02947	\$.34243	\$.67447	

STATEMENT OF RATES
RATES APPLICABLE TO NORTHERN CALIFORNIA SERVICE AREA [1] [2]

Schedule No. and Type of Charge	Margin	Charges [3] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
GN-60-Core Internal Combustion Engine Gas Service								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm	\$.28220	\$.19984		\$.48204	\$.00139	\$.02947	\$.34243	\$.85533
GN-66-Core Small Electric Power Generation Gas Service								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm	\$.27613	\$.19984		\$.47597	\$.00139		\$.34243	\$.81979
GN-70-Noncore General Gas Transportation Service								
Basic Service Charge	\$ 100.00							\$ 100.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm	\$.16986	(\$.02764)		\$.14222	\$.00139	\$.02947		\$.17308
TFF-Transportation Franchise Fee Surcharge Provision								
TFF Surcharge per Therm								\$.00418
TDS - Transportation Distribution System Shrinkage Charge								
TDS Charge per Therm								\$.00192
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision								
MHPS Surcharge per Space per Month								\$.21000

[1] Customers taking only transportation service will pay the Effective Sales Rate less the Interstate Reservation and Gas Cost components of the Effective Sales Rate, plus a Transportation Service Charge of \$780 per month and an amount for distribution shrinkage calculated by multiplying the currently effective Gas Cost rate per therm by the Lost and Unaccounted For Gas percentage of 0.56%. The PGA Balancing Account Adjustment is applicable to customers converting from sales service to transportation service for a period of 12 months. The volume charge for customer-secured natural gas transportation will also be subject to the TFF Surcharge.

[2] A Franchise Fee differential of 2.5% will be applied to monthly billings calculated for all rate schedules for all customers within the limits of the Town of Truckee.

[3] The Charges and Adjustments applicable to each tariff rate schedule includes the following components:

Charges and Adjustments Description	GN-10, GN-12, GN-15, GN-20, GN-25,		GN-35, GN-40, GN-50, GN-60, GN-66		GN-70
Upstream Interstate Charges					
Storage	\$.02249				
Reservation	.22103				
IRRAM Surcharge	.00000		\$.00000		
Balancing Account Adjustments					
FCAM*	(.04368)		(.02764)		
GHGBA**					
Non-Covered Entities					
Covered Entities					
Total Rate Adjustment	\$.19984		(\$.02764)		

* The FCAM surcharge includes an amount of (\$.02764) per therm related to the difference between Southwest Gas' authorized margin and recorded revenues intended to recover these costs.

** Pursuant to D.15-10-032, Company costs incurred to comply with the California Air Resources Board (ARB) natural gas supplier Cap-and-Trade Program are to be included in transportation rates and recovered from Non-Covered Entities. Covered Entities, who are directly regulated by the ARB, are only responsible for paying for emission costs related to lost and unaccounted for gas (LUAF).

Advice Letter No. 1031
Decision No. _____

Issued by
Justin Lee Brown
Vice President

Date Filed February 1, 2017
Effective February 1, 2017
Resolution No. _____

STATEMENT OF RATES
RATES APPLICABLE TO SOUTH LAKE TAHOE SERVICE AREA [1]

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
SLT-10-Residential Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$.32198	\$.26560	\$.58758	\$.00139	\$.02947	\$.34243	\$.96087	
Tier II	.40952	.26560	.67512	.00139	.02947	.34243	1.04841	
SLT-12-CARE Residential Gas Service								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$.13598	\$.26560	\$.40158	\$.00139	\$.01755	\$.34243	\$.76295	
Tier II	.20601	.26560	.47161	.00139	.01755	.34243	.83298	
SLT-15-Secondary Residential Gas Service								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$.44620	\$.26560	\$.71180	\$.00139	\$.02947	\$.34243	\$ 1.08509	
SLT-20-Multi-Family Master-Metered Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$.32198	\$.26560	\$.58758	\$.00139	\$.02947	\$.34243	\$.96087	
Tier II	.40952	.26560	.67512	.00139	.02947	.34243	1.04841	
SLT-25-Multi-Family Master-Metered Gas Service-Submetered								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$.32198	\$.26560	\$.58758	\$.00139	\$.02947	\$.34243	\$.96087	
Tier II	.40952	.26560	.67512	.00139	.02947	.34243	1.04841	
Submetered Discount per Occupied Space	(\$ 7.69)							(\$ 7.69)
SLT-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$.22553	\$.26560	\$.49113	\$.00139	\$.01755	\$.34243	\$.85250	
Next 500	.17346	.26560	.43906	.00139	.01755	.34243	.80043	
Next 2,400	.12139	.26560	.38699	.00139	.01755	.34243	.74836	
Over 3,000	.02757	.26560	.29317	.00139	.01755	.34243	.65454	
SLT-40-Core General Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$.43392	\$.26560	\$.69952	\$.00139	\$.02947	\$.34243	\$ 1.07281	
Next 500	.36883	.26560	.63443	.00139	.02947	.34243	1.00772	
Next 2,400	.30374	.26560	.56934	.00139	.02947	.34243	.94263	
Over 3,000	.18647	.26560	.45207	.00139	.02947	.34243	.82536	
SLT-50-Core Natural Gas Service for Motor Vehicles								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$.20921	\$.26560	\$.47481	\$.00139	\$.02947	\$.34243	\$.84810	

STATEMENT OF RATES
RATES APPLICABLE TO SOUTH LAKE TAHOE SERVICE AREA [1]

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
SLT-60-Core Internal Combustion Engine Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$.23812	\$.26560		\$.50372	\$.00139	\$.02947	\$.34243	\$.87701
SLT-66-Core Small Electric Power Generation Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$.23812	\$.26560		\$.50372	\$.00139		\$.34243	\$.84754
SLT-70-Noncore General Gas Transportation Service								
Basic Service Charge	\$ 100.00							\$ 100.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm	\$.17267	\$.03812		\$.21079	\$.00139	\$.02947		\$.24165
TFF-Transportation Franchise Fee Surcharge Provision								
TFF Surcharge per Therm								\$.00418
TDS-Transportation Distribution System Shrinkage Charge								
TDS Charge per Therm								\$.00192
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision								
MHPS Surcharge per Space per Month								\$.21000

[1] Customers taking only transportation service will pay the Effective Sales Rate less the Interstate Reservation and Gas Cost components of the Effective Sales Rate, plus a Transportation Service Charge of \$780 per month and an amount for distribution shrinkage calculated by multiplying the currently effective Gas Cost rate per therm by the Lost and Unaccounted For Gas percentage of 0.56%. The PGA Balancing Account Adjustment is applicable to customers converting from sales service to transportation service for a period of 12 months. The volume charge for customer-secured natural gas transportation service will also be subject to the TFF Surcharge.

[2] The Charges and Adjustments applicable to each tariff rate schedule includes the following components:

Charges and Adjustments Description	SLT-10, SLT-35, SLT-12, SLT-40, SLT-15, SLT-50, SLT-20, SLT-60, SLT-25, SLT-66		SLT-70
Upstream Interstate Charges			
Storage	\$.02249		
Reservation	.22103		
IRRAM Surcharge	.00000		\$.00000
Balancing Account Adjustment			
FCAM *	.02208		.03812
GHGBA			
Non-Covered Entities			
Covered Entities			
Total Rate Adjustment	\$.26560		\$.03812

* The FCAM surcharge includes an amount of \$.03812 per therm related to the difference between Southwest Gas' authorized margin and recorded revenues intended to recover these costs.

** Pursuant to D.15-10-032, Company costs incurred to comply with the California Air Resources Board (ARB) natural gas supplier Cap-and-Trade Program are to be included in transportation rates and recovered from Non-Covered Entities. Covered Entities, who are directly regulated by the ARB, are only responsible for paying for emission costs related to lost and unaccounted for gas (LUAF).

Advice Letter No. 1031
Decision No. _____

Issued by
Justin Lee Brown
Vice President

Date Filed February 1, 2017
Effective February 1, 2017
Resolution No. _____

Schedule No. GCP

GAS PROCUREMENT FOR CORE CUSTOMERS

APPLICABILITY

Applicable to core customers who purchase natural gas from the Company. Service under this schedule will be provided in conjunction with the customer's otherwise applicable sales rate schedule.

TERRITORY

Throughout the Company's certificated California service areas, except as may hereafter be provided.

RATES

The Company shall adjust the Cost of Gas for this schedule monthly to reflect its estimated average gas costs. This revised rate shall become effective between the first and seventh calendar day of each month.

Procurement Charges

Southern California

Cost of Gas	\$.34281
F&U	\$.00559
Total Gas Cost	<u>\$.34840</u>

Northern California and South Lake Tahoe

Cost of Gas	\$.33751
F&U	\$.00492
Total Gas Cost	<u>\$.34243</u>

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**SOUTHWEST GAS CORPORATION
CALCULATION OF MONTHLY CORE PROCUREMENT CHARGES
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Estimated Cost of Gas [1]	\$ 0.32388	1
2	Monthly Account No. 191 Surcharge [2]	<u>0.01893</u>	2
3	Subtotal	\$ 0.34281	3
4	Franchise & Uncollectibles @ 1.6299% [3]	<u>0.00559</u>	4
5	Total February Core Procurement Charge per Therm	<u>\$ 0.34840</u>	5
<u>Northern California and South Lake Tahoe</u>			
6	Estimated Cost of Gas [4]	\$ 0.31879	6
7	Monthly Account No. 191 Surcharge [5]	<u>0.01872</u>	7
8	Subtotal	\$ 0.33751	8
9	Franchise & Uncollectibles @ 1.4589% [3]	<u>0.00492</u>	9
10	Total February Core Procurement Charge per Therm	<u>\$ 0.34243</u>	10

[1] Schedule I, Sheet 2, Line 17, Column (c), converted to Therm.

[2] Schedule I, Sheet 4.

[3] Order Approving Southwest Gas Application 12-12-024 (D.14-06-028).

[4] Schedule I, Sheet 3, Line 10, Column (c), converted to Therm.

[5] Schedule I, Sheet 5.

**SOUTHWEST GAS CORPORATION
SOUTHERN CALIFORNIA
CALCULATION OF PROJECTED MONTHLY GAS COST
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Dth (b)	Average Cost Per Dth (c)=(d)/(b)	Amount (d)	Line No.
<u>City Gate Demand and Storage Injections</u>					
1	Total City Gate Demand	850,713			1
2	Purchases for Storage Injection @ City Gate [1]	0			2
3	Carry-over from Previous Month (Dth)	0			3
4	Total Demand and Storage Injections	<u>850,713</u>			4
<u>Gas Purchases into Kern River Mainline</u>					
5	Term Purchases	414,400	\$ 3.1548	\$ 1,307,341	5
6	First of Month Purchases [2]	453,600	\$ 3.1830	\$ 1,443,809	6
7	Spot Purchases [2]	0	\$ 0.0000	\$ 0	7
8	In Kind Fuel	(17,287)	\$ 0.0000	\$ 0	8
9	Variable Transmission	850,713	\$ 0.0049	\$ 4,168	9
10	Kern River Opal Basin Total Purchases			<u>\$ 2,755,318</u>	10
<u>City Gate Gas Purchases</u>					
11	Term Purchases	0	\$ 0.0000	\$ 0	11
12	First of Month Purchases [2]	0	\$ 0.0000	\$ 0	12
13	Spot Purchases [2]	0	\$ 0.0000	\$ 0	13
14	Total City Gate Gas Purchases			<u>\$ 0</u>	14
<u>Storage Withdrawals</u>					
15	Projected Volume	0	\$ 0.0000	\$ 0	15
16	Total Average Cost of Gas			<u>\$ 0</u>	16
17	Total Cost of Gas at City Gate [3]	<u>850,713</u>	<u>\$ 3.2388</u>	<u>\$ 2,755,318</u>	17

[1] Does not include gas scheduled directly to storage.

[2] Based on January 18, 2017, first of the month forwards.

[3] Excludes storage and interstate pipeline fixed charges and intrastate transportation.

**SOUTHWEST GAS CORPORATION
NORTHERN CALIFORNIA INCLUDING SOUTH LAKE TAHOE DISTRICT
CALCULATION OF PROJECTED MONTHLY GAS COST
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Dth (b)	Average Cost Per Dth (c)=(d)/(b)	Amount (d)	Line No.
1	Total City Gate Demand (Net)	612,401			1
<u>Gas Purchases into Mainline</u>					
2	Projected Purchases Into NWPL [1]	50,357	\$ 3.0730	\$ 154,747	2
3	Projected Purchases Into Tuscarora [1]	243,600	\$ 3.2943	\$ 802,501	3
4	Projected Purchases Into Paiute [1]	318,444	\$ 3.1163	\$ 992,368	4
5	Total Projected Gas Purchases into Mainline			<u>\$ 1,949,616</u>	5
<u>Transportation Costs</u>					
6	NWPL Volumetric Charge [2]	49,758	\$ 0.0313	\$ 1,557	6
7	Paiute Volumetric Charge [3]	612,401	\$ 0.0013	\$ 796	7
8	Tuscarora Volumetric Charge [4]	243,600	\$ 0.0013	\$ 317	8
9	Total Transportation Variable Cost			<u>\$ 2,670</u>	9
10	Total Cost at the City Gate [5]	<u>612,401</u>	<u>\$ 3.1879</u>	<u>\$ 1,952,286</u>	10

[1] Based on January 18, 2017, first of the month forwards.

[2] NWPL less in-kind fuel at 1.19%.

[3] Paiute less in-kind fuel at 1.00%.

[4] Tuscarora less in-kind fuel at 0.00%.

[5] Assumes no volume is dispatched from LNG.

**SOUTHWEST GAS CORPORATION
SOUTHERN CALIFORNIA
CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENTS
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Estimated January Activity (b)	February Surcharge (c)	Line No.
1	Acct. No. 191 Ending Balance for December 2016		\$ 1,663,746	1
	Storage Activities			
2	No Storage Activity for November		0	2
3	No Storage Activity for December		0	3
4	Adjusted Ending Balance		<u>\$ 1,663,746</u>	4
5	December Rate per Therm	\$ 0.00720		5
6	January Rate per Therm	0.00785		6
7	Average Rate per Therm	<u>\$ 0.00753</u>		7
8	Estimated January Sales	17,179,179		8
9	Estimated January Acct. No. 191 Activity (Line 7 x Line 8)		\$ (129,359)	9
10	Estimated January Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		<u>\$ 1,534,387</u>	10
11	Estimated Twelve Months Sales		<u>81,065,893</u>	11
12	February Surcharge per Therm (Line 10 / Line 11)		<u>\$ 0.01893</u>	12

**SOUTHWEST GAS CORPORATION
NORTHERN CALIFORNIA INCLUDING SOUTH LAKE TAHOE DISTRICT
CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENT
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Estimated January Activity (b)	February Surcharge (c)	Line No.
1	Acct. No. 191 Ending Balance for December 2016		\$ 789,014	1
2	December Rate per Therm	\$ 0.00275		2
3	January Rate per Therm	(0.01164)		3
4	Average Rate per Therm	<u>\$(0.00445)</u>		4
5	Estimated January Sales	8,140,512		5
6	Estimated January Acct. No. 191 Activity (Line 4 x Line 5)		\$ 36,225	6
7	Estimated January Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		<u>\$ 825,239</u>	7
8	Estimated Twelve Months Sales		<u>44,079,773</u>	8
9	February Surcharge per Therm (Line 7 / Line 8)		<u><u>\$ 0.01872</u></u>	9

**SOUTHWEST GAS CORPORATION
CALCULATION OF TRANSPORTATION FRANCHISE FEE (TFF) SURCHARGE
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Estimated Cost of Gas [1]	\$ 0.32388	1
2	Franchise Tax @ 1.1694% [2]	\$ 0.00379	2
<u>Northern California and South Lake Tahoe</u>			
3	Estimated Cost of Gas [1]	\$ 0.31879	3
4	Franchise Tax @ 1.3111% [2]	\$ 0.00418	4

[1] Schedule I, Sheet 1.

[2] Order Approving Southwest Gas Application 12-12-024 (D.14-06-028).

**SOUTHWEST GAS CORPORATION
CALCULATION OF TDS - TRANSPORTATION DISTRIBUTION SYSTEM SHRINKAGE CHARGE
FOR THE MONTH OF FEBRUARY 2017**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Total February Core Procurement Charge per Therm [1]	\$ 0.34840	1
2	Shrinkage Rate @ 0.7600% [2]	\$ 0.00265	2
<u>Northern California and South Lake Tahoe</u>			
3	Total February Core Procurement Charge per Therm [1]	\$ 0.34243	3
4	Shrinkage Rate @ 0.5600% [2]	\$ 0.00192	4

[1] Schedule I, Sheet 1.

[2] Order Approving Southwest Gas Application 12-12-024 (D.14-06-028).