PUBLIC UTILITIES COMMISSION 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298



December 15, 2017

Advice Letter 1052

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

# Subject: To Update Procurement Charges Applicable to Schedule No. GCP for Core Customers and the TFF and TDS Surcharges Applicable to Core and Noncore Customers in SWG's California service areas

Dear Mr. Brown:

Advice Letter 1052 is effective as of October 1, 2017.

Sincerely, Eduard Randoph

Edward Randolph Director, Energy Division



September 29, 2017

- ATTN: Tariff Unit, Energy Division California Public Utilities Commission 505 Van Ness Avenue, 4<sup>th</sup> Floor San Francisco, CA 94102
- Subject: Southwest Gas Corporation (U 905 G) Advice Letter No. 1052

Enclosed herewith is an original and one (1) copy of Southwest Gas Corporation's Advice Letter No. 1052, together with California Gas Tariff Sheet Nos. 65, 66, 68-71 and 123.

Sincerely,

Valerie J. Ontiveroz Regulatory Manager/California

VJO:dm Enclosures



Advice Letter No. 1052

September 29, 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	Canceling Cal. P.U.C. Sheet No.
94th Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	93rd Revised Sheet No. 65
95th Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	94th Revised Sheet No. 66
92nd Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	91st Revised Sheet No. 68
94th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	93rd Revised Sheet No. 69
59th Revised Sheet No. 70	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	58th Revised Sheet No. 70
94th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	93rd Revised Sheet No. 71
78th Revised Sheet No. 123	Schedule No. GCP – Gas Procurement for Core Customers	77th 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.



Advice Letter No. 1052 Page 2 September 29, 2017

# Purpose (Continued)

For core sales customers, the October 2017 cost of gas, including adjustment for franchises and uncollectibles, is \$0.27229 per therm for Southwest Gas' Southern California Service Area and \$0.27019 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TFF Surcharge rate is \$0.00326 per therm for Southwest Gas' Southern California Service Area and \$0.00357 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TDS Charge is \$0.00207 per therm for Southwest Gas' Southern California Service Area and \$0.00151 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 October 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, 4<sup>th</sup> Floor San Francisco, CA 94102 E-mail: <u>edtariffunit@cpuc.ca.gov</u> Facsimile: 415-703-2200



Advice Letter No. 1052 Page 3 September 29, 2017

# 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, faxed or emailed 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 E-mail: justin.brown@swgas.com

#### <u>Notice</u>

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.

#### <u>Service</u>

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. 1052

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 ROrtiz@SempraUtilities.com

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

Belinda Gatti Energy Division California Public Utilities Commission belinda.gatti@cpuc.ca.gov

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 <u>nws@cpuc.ca.gov</u>

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 COMPLE	TED BY UTILITY (A	ttach additional pages as needed)					
Company name/CPUC Utility No. South	west Gas Corporat	tion (U 905 G)					
Utility type:	Itility type: Contact Person: Valerie J. Ontiveroz						
□ ELC ■ GAS	Phone #: <u>(702</u> ) <u>876</u>	<u>-7323</u>					
	E-mail: <u>valerie.onti</u>	veroz@swgas.com					
EXPLANATION OF UTILIT	Y TYPE	(Date Filed/ Received Stamp by CPUC)					
ELC = Electric GAS = Gas PLC = Pipeline HEAT = Heat	WATER = Water						
Advice Letter (AL) #: <u>1052</u>							
Subject of AL: To update procurement	charges applicable	e to Schedule No. GCP for core customers and					
the Transportation Franchise Fee (TF applicable to core and noncore custo	F) and Transportati	on Distribution Shrinkage (TDS) Surcharges					
Keywords (choose from CPUC listing):	ncreased rates in S	outhern California (SCA), Northern California					
(NCA), and South Lake Tahoe (SLT).							
AL filing type: ■Monthly □ Quarterly □							
	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 <b>Not applicable</b>						
Summarize differences between the AL	and the prior withdra	wn or rejected AL <sup>1</sup> : Not applicable					
Resolution Required? □ Yes ■ No							
Requested effective date: October 1, 20		No. of tariff sheets: 7					
Estimated system annual revenue effect	:: (%): <u>0.19% SCA, 0</u>	.59% NCA, and 0.76% SLT					
Estimated system average rate effect (%	b): <u>0.19% SCA, 0.59</u> %	<u>% NCA, and 0.76% SLT</u>					
When rates are affected by AL, include a (residential, small commercial, large C/I,	attachment in AL sho agricultural, lighting)	wing average rate effects on customer classes					
Tariff schedules affected: Schedule No.	o. GCP – Gas Procu	rement for Core Customers					
Service affected and changes proposed	Service affected and changes proposed <sup>1</sup> : See 'Subject of AL' above						
Pending advice letters that revise the same tariff sheets: <b>Not applicable</b>							
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 DivisionMr. Justin Lee Brown,Attention: Tariff UnitVice-President/Regulation & Public Affairs505 Van Ness Ave.Southwest Gas CorporationSan Francisco, CA 94102P. O. Box 98510E-mail: edtariffunit@cpuc.ca.govLas Vegas, NV 89193-8510							
		E-mail: justin.brown@swgas.com Facsimile: 702-364-3452					

<sup>&</sup>lt;sup>1</sup> Discuss in AL if more space is needed.

#### STATEMENT OF RATES RATES APPLICABLE TO SOUTHERN CALIFORNIA SERVICE AREA [1] Charges [2] and Subtotal Gas Other Surcharges Effective Schedule No. and Type of Charge Margin Adjustments Usage Rate CPUC PPP Gas Cost Sales Rate GS-10-Residential Gas Service **Basic Service Charge** \$5.00 \$5.00 Cost per Therm **Baseline Quantities** \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$1.23647 Tier II \$ .86493 .12657 .99150 .00139 .14256 .27229 1.40774 GS-11-Residential Air-Conditioning Gas Service **Basic Service Charge** \$5.00 \$5.00 Cost per Therm Tier I \$ .69366 \$.12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647 1 Tier II .86493 .12657 .99150 .00139 .14256 .27229 1.40774 Air-Conditioning \$.34683 .12657 .47340 .00139 .14256 .27229 .88964 1 GS-12-CARE Residential Gas Service **Basic Service Charge** \$4.00 \$4.00

Baseline Quantities Tier II   \$ .47516   \$ .12657   \$ .00139   \$ .01755   \$ .27229   \$ .89296     S15-Secondary Residential Gas Service   56.00   .0139   .01755   \$ .27229   \$ .102997     Basic Service Charge   \$ 6.00   \$ .106499   \$ .12657   \$ 1.19156   \$ .00139   \$ .14256   \$ .27229   \$ 1.60780     Basic Service Charge   \$ .00139   \$ .14256   \$ .27229   \$ 1.60780   \$ \$ .27229   \$ 1.60780     Basic Service Charge   \$ .60366   \$ .12657   \$ .12657   \$ .00139   \$ .14256   \$ .27229   \$ 1.23647     Basic Service Charge   \$ .69366   \$ .12657   \$ .82023   \$ .00139   \$ .14256   \$ .27229   \$ 1.23647     Service Submetered   \$ .69366   \$ .12657   \$ .82023   \$ .00139   \$ .14256   \$ .27229   \$ 1.23647     Service Charge   \$ .25.00   \$ .25.00   \$ .27229   \$ .1.40774     Submetered Discount per Occupied Space   \$ .8803   .12657   \$ .80139   \$ .01755   \$ .27229   \$ .1.40774     Sas.0 Firer Iherm<	Decision No	_	Vice	e Presid	dent		olution			
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Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   Tier II .61217 .12657 .73874 .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service Basic Service Charge \$ 6.00 \$ .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service \$ 6.00 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service \$ .00139 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   Basic Service Charge \$ .106499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   Baseline Quantities \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   S-25 -Multi-Family Master-Metered Gas \$ .25.00 \$ .27229 \$ 1.23647 .00139 \$ .14256 \$ .27229 \$ 1.23647   Basic Service Charge \$ .	0	<b>ֆ8.80</b>								\$8.80
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   GS-15-Secondary Residential Gas Service Basic Service Charge \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service \$ .106499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .106499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.20647   Basic Service Charge \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.20647   GS-25 -Multi-Family Master-Metered Gas \$ .69366 \$ .12657 \$ .99150 .00139 \$ .14256 \$ .27229 \$ 1.20647   GS-25 -Multi-Family Master-Metered Gas \$ .2729 \$ .12657 \$ .99150 .00139 \$ .14256 \$ .27229 \$ 1.20647   Basic Service Charge \$ .69366 \$ .12657		¢ 0.00								
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Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 .12657 \$ .00139 .00139 \$ .01755 .00139 \$ .27229 .27229 \$ .89296 .102997   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .01755 \$ .27229 .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 .99150 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 .99150 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 \$ .00139			I							(\$7.69)
Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 \$ .60173 .73874 \$ .00139 \$ .01755 \$ .27229 \$ .89296   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   GS-25 -Multi-Family Master-Metered Gas Service-Submetered \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.40774   GS-25 -Multi-Family Master-Metered Gas Service-Submetered \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.40774   GS-25 -Multi-Family Master-Metered Gas Service-Submetered \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.40774   GS-25 -Multi-Family Master-Metered				.12657	.99150		.00139	.14256	.27229	1.40774
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   Cost per Therm \$ .600 \$ .12657 .73874 .00139 \$ .01755 \$ .27229 \$ 1.02997   Cost per Therm \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   Cost per Therm \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   Cost per Therm \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   Cost per Therm Baseline Quantities \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   GS-25 -Multi-Family Master-Metered Gas \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   GS-25 -Multi-Family Master-Metered Gas \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.40774   GS-25 -Multi-Family Master-Metered Gas \$ .27229 \$ .27229 \$ .27229 \$ .27229 \$ .27229 \$ .27229 \$ .27229					• • • • • • • • • • • • • • • • • • • •	•		.14256	\$.27229	\$ 1.23647
Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 .12657 \$ .00139 .00139 \$ .01755 .00139 \$ .27229 .27229 \$ .89296 .27229   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 .00139 \$ .14256 \$ .14256 \$ 6.00 \$ .27229   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm \$ .00139 \$ .14256 \$ .14256 \$ .27229 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service Baseline Quantities Tier II \$ .69366 .69366 \$ .12657 .12657 \$ .82023 .99150 \$ .00139 .0139 \$ .14256 .27229 \$ .27229 \$ 1.60780   GS-25 -Multi-Family Master-Metered Gas Basic Service Charge Basic Service Charge \$ .12657 .86493 \$ .82023 .99150 \$ .00139 .00139 \$ .14256 .27229 \$ .27229 \$ 1.23647 .27229 \$ 1.2657 .27229   GS-25 -Multi-Family Master-Metered Gas Basic Service Charge \$ .27229 .27229 \$ .140774   GS-25 -Multi-Family Master-Metered Gas Service Charge \$ .27229 .27229 \$ .140774   GS-25 -Multi-Family Master-Metered Gas Service Charge \$ .27229 .27229 \$ .27229 .27229 \$ .27229 .27229   Basic Servi	•									
Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 .12657 \$ .00139 .0139 \$ .01755 .0139 \$ .27229 .27229 \$ .89296 .27229   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-25 -Multi-Family Master-Metered Gas Baseline Quantities Tier II \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   GS-25 -Multi-Family Master-Metered Gas Service-Submetered \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   GS-25 -Multi-Family Master-Metered Gas Service-Submetered \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647		\$25.00								\$25.00
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   GS-15-Secondary Residential Gas Service .12657 .73874 .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service Basic Service Charge \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .12657 \$ .12657 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .25.00 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   Baseline Quantities \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647   Tier II .00139 .14256 .27229 1.40774	Service-Submetered									
Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 .12657 \$ .60173 .73874 \$ .00139 .0139 \$ .01755 .0139 \$ .27229 .27229 \$ .89296 .89297   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ .10139 \$ .01755 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm \$ .25.00 \$ .25.00 \$ .25.00 \$ .25.00   Saseline Quantities \$ .69366 \$ .12657 \$ .82023 \$ .00139 \$ .14256 \$ .27229 \$ 1.23647		.864	193	.12657	.99150		.00139	.14256	.27229	1.40774
Baseline Quantities Tier II \$ .47516 .61217 \$ .12657 .12657 \$ .00139 .0139 \$ .01755 .0139 \$ .27229 .27229 \$ .89296 .89297   GS-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ .73874 .00139 \$ .01755 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service Basic Service Charge Cost per Therm \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service Cost per Therm \$ 25.00 \$ .27229 \$ 1.60780		+	•		• • • • • • •			\$.14256	•	*
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   Tier II .61217 .12657 .73874 .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service Basic Service Charge \$ 6.00 \$ .00139 .01755 \$ .27229 \$ 1.02997   GS-20-Multi-Family Master-Metered Gas Service \$ 6.00 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ 25.00 \$ \$ 25.00 \$ \$ 25.00 \$ \$ 25.00	•									
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   Tier II .61217 .12657 .73874 .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service  \$ 6.00 \$ 6.00 \$ 6.00 \$ 6.00   Basic Service Charge \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780   GS-20-Multi-Family Master-Metered Gas Service \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780		\$25.00	I							\$25.00
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296   Tier II .61217 .12657 .73874 .00139 .01755 \$ .27229 \$ 1.02997   GS-15-Secondary Residential Gas Service  60.0 \$ 6.00 \$ 6.00 \$ 6.00 \$ 1.06499 \$ .12657 \$ 1.19156 \$ .00139 \$ .14256 \$ .27229 \$ 1.60780	GS-20-Multi-Family Master-Metered Gas Service									
Baseline Quantities   \$ .47516   \$ .12657   \$ .60173   \$ .00139   \$ .01755   \$ .27229   \$ .89296     Tier II   .61217   .12657   .73874   .00139   .01755   \$ .27229   \$ 1.02997     GS-15-Secondary Residential Gas Service   .00139   .01755   .27229   \$ 1.02997		\$1.064	199 \$	.12657	\$1.19156	\$	.00139	\$.14256	\$.27229	•
Baseline Quantities   \$ .47516   \$ .12657   \$ .60173   \$ .00139   \$ .01755   \$ .27229   \$ .89296     Tier II   .61217   .12657   .73874   .00139   .01755   .27229   \$ 1.02997		\$6.00								\$6.00
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296	GS-15-Secondary Residential Gas Service	9								
Baseline Quantities \$ .47516 \$ .12657 \$ .60173 \$ .00139 \$ .01755 \$ .27229 \$ .89296	Tier II	.612	217	.12657	.73874		.00139	.01755	.27229	
		\$.475	516 \$	.12657	\$ .60173	\$	.00139	\$.01755	\$.27229	9 \$ .89296
54.00 \$4.00	Cost per Therm									+

	STATE	MENT O	F RATES		<u>.                                    </u>	
RATES APPLICABLE	<u>TO SOL</u>	THERN	CALIFOR	NIA SERVICE	AREA [1]	
Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments	Subtotal Gas Usage Rate	Other Surcharges CPUC PPP	Gas Cost	Effective Sales Rate
GS-50-Core Natural Gas Service for Motor						
Vehicles Basic Service Charge Cost per Therm	\$25.00 \$.12183	\$.12657	\$24840	\$ .00139 \$ .14256	\$.27229	\$25.00 \$.66464
GS-60-Core Internal Combustion Engine Gas Service	D					
Basic Service Charge Cost per Therm	\$25.00 \$.18132	\$.12657	\$.30789	\$ .00139 \$ .14256	\$.27229	\$25.00 \$.72413
GS-LUZ-Solar Electric Generation Gas Service Basic Service Charge Cost per Therm	\$50.00 \$.05217	\$.00133	\$ .05350	\$.00139		\$50.00 \$ .05489
GS-66-Core Small Electric Power Generation Gas Service	000.00					
Basic Service Charge Cost per Therm	\$25.00 \$.26205	\$.12657	\$.38862	\$ .00139	\$.27229	\$25.00 \$ .66230
GS-70-Noncore General Gas Transportation Service Basic Service Charge	\$100.00					\$100.00
Transportation Service Charge Cost per Therm	\$780.00 \$.13261	\$.03661	\$.16922	\$ .00139 \$ .14256		\$780.00 \$.31317
GS-VIC City of Victorville Gas Service Basic Service Charge Transportation Service Charge Cost per Therm	\$11.00 \$780.00 \$ .37077	\$.12657	\$.49734	\$.00139	\$.27229	\$ 11.00 \$780.00 \$ .77102
TFF-Transportation Franchise Fee Surcharge Provision TFF Surcharge per Therm						\$.00326
IDS – Transportation Distribution System Shrinkage Charge						φ.00326
TDS Charge per Therm						\$ .00207
Safety Inspection Provision MHPS Surcharge per Space per Month						\$.21000
						<u>\$</u>

Advice Letter No	1052	
Decision No		

Issued by Justin Lee Brown Vice President Date Filed <u>September 29, 2017</u> Effective <u>October 1, 2017</u> Resolution No. Г

Canceling

		THE	<u>ERN C</u>	٩L	IFOR			/10	<u>CE AR</u>	E/	<u>A [1] [</u> 2	2]	
			arges [3] and		ibtotal Ga		Other St					Effective	
Schedule No. and Type of Charge	Margin	Ad	justments				CPUC		PPP	C	Gas Cost		3
GN-10-Residential Gas Service													
Basic Service Charge Cost per Therm	\$5.00											\$5.00	
Baseline Quantities Tier II	3.73294 .84375		.19984 .19984		.93278 1.04359	\$	.00139 .00139	\$	.02947 .02947	\$	.27019 .27019	\$1.23383 1.34464	
GN-12-CARE Residential Gas Service Basic Service Charge	\$ 4.00												
Cost per Therm	ψ4.00											\$4.00	
Baseline Quantities Tier II	\$ .49235 .58099		.19984 .19984	\$	.69219 .78083	\$	.00139 .00139	\$	.01755 .01755	\$	.27019 .27019	\$.98132 1.06996	
GN-15-Secondary Residential Gas Service Basic Service Charge	\$ 6.00											• • • •	
Cost per Therm	\$ .88171	\$	.19984	\$ ^	1.08155	\$	.00139	\$	.02947	\$	.27019	\$6.00 \$1.38260	1
GN-20-Multi-Family Master-Metered Gas Service													
Basic Service Charge Cost per Therm	\$25.00											\$25.00	
Baseline Quantities Tier II	3.73294 84375		.19984 .19984		.93278 .04359	\$	.00139 .00139	\$	.02947 .02947	\$	.27019 .27019	\$ 1.23383 1.34464	1
GN-25-Multi-Family Master-Metered Gas Service-Submetered									.020 11		.27010	1.54404	['
Basic Service Charge Cost per Therm	\$25.00											\$25.00	
Baseline Quantities Tier II	3.73294 .84375		.19984 .19984		.93278 .04359	\$	.00139 .00139	\$	.02947 .02947	\$	.27019 .27019	\$1.23383 1.34464	
Submetered Discount per Occupied Space	(\$11.01)	·	10001		.04000		.00133		.02347		.27019	(\$11.01)	'
SN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service													
Basic Service Charge Cost per Therm	\$ 8.80											\$ 8.80	
First 100	\$.39198	\$	19984	\$	.59182	\$	.00139	\$	.01755	¢	.27019	\$.88095	١.
Next 500	.29391		19984	Ť	.49375	Ψ	.00139	Ψ	.01755	φ	.27019	.78288	Ľ
Next 2,400 Over 3,000	.19845 .05167		19984 19984		.39829 .25151		.00139		.01755		.27019	.68742	li.
GN-40-Core General Gas Service					.20101		.00100		.01755		.27019	.54004	ľ'
Basic Service Charge Transportation Service Charge	\$11.00											\$11.00	
Cost per Therm	\$780.00											\$780.00	
First 100	\$ .60748	\$.	19984	\$	.80732	\$	.00139	\$	.02947	\$	27019	\$1.10837	
Next 500	.48490	· .	19984		.68474	•	.00139	Ŷ	.02947	Ψ	.27019	.98579	li.
Next 2,400 Over 3,000	.36557 .18209		19984 19984		.56541 .38193		.00139 .00139		.02947 .02947		.27019	.86646	li
GN-50-Core Natural Gas Service for Motor Vehicles													
Basic Service Charge	\$25.00											\$25.00	
Cost per Therm	\$ .10134	<b>\$</b> .	19984	\$	.30118	\$	.00139	\$	.02947	\$	.27019	\$ .60223	I

Advice Letter No. <u>1052</u> Decision No. Issued by Justin Lee Brown Vice President Date Filed <u>September 29, 2017</u> Effective <u>October 1, 2017</u> Resolution No.

#### SOUTHWEST GAS CORPORATION P.O. Box 98510 Las Vegas, Nevada 89193-8510 Ca

as Vegas, Nevada 89193-8510 California Gas Tariff	Canceling		94th Rev 93rd Rev			C. Sheet No C. Sheet No		_
	STATE	MENT O	F RATES	;				٦
RATES APPLICABLE T	O NORT	HERN C				RFA [1] [2	21	
							-1	
		Charges [3]						
Schedule No. and Type of Charge	Margin	and Adjustments	Subtotal Gas Usage Rate		<u>Surcharges</u>	Gas Cost	Effective	
GN-60-Core Internal Combustion Engine Gas		rigueanente				Gas Cost	Sales Rate	-
ServiceBasic Service Charge	_ <b>©</b> 05 00							
Cost per Therm	\$ 25.00 \$ .28220	\$.19984	\$.48204	\$.001	39 \$ .02947	\$.27019	\$ 25.00 \$ .78309	
GN-66-Core Small Electric Power Generation Gas Service							•	
Basic Service Charge Cost per Therm	\$ 25.00 \$ .27613	\$.19984	\$.47597	\$.001	39	\$.27019	\$ 25.00 \$ .74755	
GN-70-Noncore General Gas Transportation Service								
Basic Service Charge Transportation Service Charge	\$ 100.00 \$ 780.00						\$ 100.00	
Cost per Therm	\$ .16986	(\$ .02764)	\$.14222	\$ .001	39 \$ .02947		\$ 780.00 \$ .17308	
TFF-Transportation Franchise Fee Surcharge Provision	_							
TFF Surcharge per Therm	-						\$ .00357	
TDS – Transportation Distribution System Shrinkage Charge TDS Charge per Therm	-						<b>•</b> • • • • • • • • • • • • • • • • • •	
MHPS-Master-Metered Mobile Home Park							\$ .00151	ľ
Safety Inspection Provision MHPS Surcharge per Space per Month	-						\$.21000	
[1] Customers taking only transportation service of the Effective Sales Rate, plus a Transportation multiplying the currently effective Gas Cost rate Account Adjustment is applicable to customers of charge for customer-secured natural gas transp [2] A Franchise Fee differential of 2.5% will be a of the Town of Truckee.	on Service Ch per therm by converting fro portation will a	arge of \$780 the Lost and m sales servio also be subjec	per month and Unaccounted ce to transport t to the TFF S	d an amor For Gas ation sen urcharge	unt for distribu percentage of vice for a peric	tion shrinkage 0.56%. The P od of 12 month	calculated by GA Balancing s. The volume	
[3] The Charges and Adjustments applicable to	each tariff rai	te schedule in	cludes the foll	lowing co	mponents:			
	GN-10 GN-12							
	GN-15	5, GN-50,						
Charges and Adjustments Description	GN-20 GN-25	,,	GN-70					
Upstream Interstate Charges								
Storage Reservation		02249						
IRRAM Surcharge		22103 00000	\$ .00000					
Balancing Account Adjustments FCAM*								
GHGBA**	(.(	04368)	(.02764)					
Non-Covered Entities Covered Entities								
Total Rate Adjustment	\$	19984	(\$ .02764)					
* The FCAM surcharge includes an amount or and recorded revenues intended to recover the	of (\$.02764) p hese costs.			rence be	tween Southw	vest Gas' autho	orized margin	
** Pursuant to D.15-10-032, Company costs and-Trade Program are to be included in trans regulated by the ARB, are only responsible for	incurred to co	es and recover	ed from Non-	Covered I	Entities Cove	red Entities w	supplier Cap- ho are directly	,

Advice Letter No. 1052 Decision No.\_\_\_\_\_

Issued by Justin Lee Brown Vice President

Date Filed <u>September 29, 2017</u> Effective <u>October 1, 2017</u> Resolution No.

#### SOUTHWEST GAS CORPORATION P.O. Box 98510 Las Vegas, Nevada 89193-8510 California Gas Tariff

Batc Service Charge   Schedule No. and Type of Charge   Charges [2] and   Subtolal Gas   Other Survice are good   Schedule No. and Type of Charge   Schedule No. and Type of Charge <th colsp<="" th=""></th>	
Charges [2] and   Subtolal Gas   Other Surcharges   Effective     Schedule No. and Type of Charge   Margin   Adjustments   Usage Rate   CPUC   PPP   Gas Cost   Sales Rate     Basic Service Charge   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00     Cost per Therm   Basicservice Charge   \$4.00   \$0.0139   \$0.2947   \$27019   \$.88663     Theri   .40952   .26560   \$67512   .00139   \$0.01755   \$27019   \$.79179     Statistic Service Charge   \$4.00   \$4.00   \$4.00   \$2500   \$4.00   \$4.00     Cost per Therm   \$2.15.92   \$2.6560   \$4.1603   \$0.0139   \$0.0139   \$0.2947   \$2.7019   \$1.01285     Statistic Service Charge   \$6.00   \$2.6560   \$7.1180   \$0.0139   \$0.2947   \$2.7019   \$1.01285     Statistic Charge   \$11.00   \$2.6560   \$.67512   .00139   \$0.2947   \$2.7019   \$1.01285     Statistic Charge   \$11.00   \$2.6560   \$.67512   .00139	
Charges [2] and Schedule No. and Type of Charge   Margin Adjustments   Subtotal Gas Usage Rate   Other Surcharges CPUC   CPUC   PPP   Gas Cast   Effective Sales Rate     SL1-10-Residential Gas Service   Basi: Service Charge   \$5.00   \$5.00   \$5.00   \$5.00     Cost per Therm Baseline Cuantities   \$.32198   \$.26560   \$.67512   \$.00139   \$.02947   \$.27019   \$.88083     SLT-12-CARE Residential Gas Service   Basic Service Charge   \$4.00   \$.00139   \$.01755   \$.27019   \$.75161     Basic Service Charge   \$4.00   \$.0139   \$.01755   \$.27019   \$.75161     Basic Service Charge   \$.00   \$.0139   \$.02947   \$.27019   \$.75161     SLT-15-Secondary Residential Gas Service   Basic Service Charge   \$.00139   \$.02947   \$.27019   \$.101285     SLT-20-Multi-Family Master-Metered Gas   \$.1100   \$.26560   \$.67512   .00139   \$.02947   \$.27019   \$.88683     Service Charge   \$.11.00   \$.26560   \$.67512   .00139   \$.02947   \$.27019   \$.88683	
Charges [2] and Xargin   Subtotal Gas Adjustments   Other Surcharges Usage Rate   Other Surcharges CPUC   PPP   Gas Cost   Effective Sales Rate     21-10-Residential Gas Service   55.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.01   \$9.02947   \$2.7019   \$8.8863   \$8.063   \$6.7512   \$0.0139   \$0.02947   \$2.7019   \$8.8863   \$7.0719   \$7.7519   \$7.7519   \$7.7519   \$7.7519   \$7.7519   \$7.7519   \$7.0516   \$0.0139   \$0.0139   \$0.02947   \$2.7019   \$7.0516   \$7.7519   \$7.7519   \$7.0516   \$7.7180   \$0.0139   \$0.0139   \$0.02947   \$2.7019   \$1.01285   \$7.7180   \$0.0139   \$0.02947   \$2.7019   \$1.0285   \$7.610   \$7.7180   \$0.0139   \$0.2947   \$2.7019   \$1.0285   \$7.610   \$7.1120   \$7.0179   \$7.27019   \$7.1120   \$7.0139   \$7.27019   \$7.27019   \$7.27019   \$7.27019 </td	
Charges [2] and Adjustments   Other Surcharges (PUC   Effective PPP   Gas Cost   Effective Sales Rate     3L1-10-Residential Gas Service   55.00   \$5.00<	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas Adjustments   Other Surcharges (PUC   FPP   Gas Cost   Effective Sales Rate     3LT-10-Residential Gas Service   Basic Service Charge   \$5.00	
Charges [2] and Adjustments   Subtolal Gas Usage Rate   Other Surcharges CPUC   PP   Gas Cost   Effective Sales Rate     Basic Service Basic Service Charge Cost per Them Baseline Quantities Tier II   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88633     Basic Service Charge Cost per Them Baseline Quantities   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88633     Basic Service Charge Cost per Them Baseline Quantities   \$ .15043   \$ .26560   \$ .41603   \$ .00139   \$ .01755   \$ .27019   \$ .88633     LT-12-CARE Residential Gas Service   Basic Service Charge   \$ .15043   \$ .26560   \$ .41603   \$ .00139   \$ .01755   \$ .27019   \$ .600     Cost per Them Basic Service Charge   \$ .15043   \$ .26560   \$ .71180   \$ .00139   \$ .02947   \$ .27019   \$ .88633     LT-25-Multi-Family Master-Metered Gas Service Charge   \$ 1.100   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88633     LT-25-Multi-Family Master-Metered Gas Service Charge   \$ 1.1.00   \$ .26560   \$ .58758	
Schedule No. and Type of Charge   Margin   Adjustments   Usage Rate   Other Surcharges CPUC   PPP   Gas Cost   Effective Sales Rate     LT-10-Residential Gas Service   Basic Service Charge   \$5.00   \$5.013   \$5.02947   \$5.27019   \$7.0516   \$5.7711   \$5.00139   \$5.02947   \$5.27019   \$7.0516   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00139   \$5.02947   \$5.27019   \$5.00139   \$5.02947   \$5.27019   \$5.00139   \$5.002   \$5.00139   \$5.02947   \$5.27019   \$5	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas   Other Surcharges CPUC   PPP   Gas Cost   Effective     Basic Service Charge   \$5.00	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas Usage Rate   Other Surcharges CPUC   Effective PPP     Basic Service Charge Basic Service Charge Cost per Them Baseline Quantities   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88863     LT-10-CARE Residential Gas Service   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88863     LT-12-CARE Residential Gas Service   Basic Service Charge   \$ .40952   .26560   \$ .41603   \$ .00139   \$ .01755   \$ .27019   \$ .70516     LT-15-Secondary Residential Gas Service   \$ .15043   \$ .26560   \$ .41603   \$ .00139   \$ .01755   \$ .27019   \$ .70516     Tire II   .22046   \$ .26560   \$ .41603   \$ .00139   \$ .02947   \$ .27019   \$ .101285     LT-20-MUIL-Family Master-Metered Gas   \$ .44620   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88863     Service   Sales   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .88863	
Charges [2] and Adjustments   Other Surcharges CPUC   Effective PPP   Effective Gas Cost   Effective Sales Rate     LT-10-Residential Gas Service   \$5.00   <	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas Usage Rate   Other Surcharges CPUC   PPP   Gas Cost   Effective Sales Rate     Basic Service Charge   \$5.00   \$5.01   \$5.00   \$5.01   \$5.00   \$5.01   \$5.00   \$5.01   \$5.00   \$5.01   \$5.00   \$5.01   \$5.00   \$5.019   \$5.00   \$5.019   \$5.00   \$5.019   \$5.00   \$5.019   \$5.00   \$5.019   \$5.00139   \$0.0139   \$0.0139	
Charges [2] and   Subtotal Gas   Other Surcharges CPUC   Effective PPP   Gas Cost   Effective Sales Rate     SLT-10-Residential Gas Service   85.00   \$5.00	
Charges [2] and Adjustments   Subtotal Gas Usage Rate   Other Surcharges CPUC   Effective PPP   Gas Cost   Effective Sales Rate     Basic Service Charge Cost per Therm Baseline Quantities Tier II   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .8863 .97019     Basic Service Charge Cost per Therm Baseline Quantities Tier II   \$ .32198   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .8863 .97019     Basic Service Charge Cost per Therm Baseline Quantities Tier II   \$ .32198   \$ .26560   \$ .41603   \$ .00139   \$ .01755   \$ .27019   \$ .70516     Basic Service Charge Cost per Therm Baseline Quantities Tier II   \$ .15043   \$ .26560   \$ .41603   \$ .00139   \$ .02947   \$ .27019   \$ .70516     Basic Service Charge Cost per Therm   \$ .15043   \$ .26560   \$ .71180   \$ .00139   \$ .02947   \$ .27019   \$ .101285     Basic Service Charge Cost per Therm   \$ .44620   \$ .26560   \$ .58758   \$ .00139   \$ .02947   \$ .27019   \$ .8863 .00139     Basic Service Charge Cost per Therm Baseline Quantities   \$ .32198   \$ .26560   \$ .5	
Schedule No. and Type of Charge   Margin   Adjustments   Usage Rate   Other Surcharges CPUC   PPP   Gas Cost   Sales Rate     Adjustments   Usage Rate   CPUC   PPP   Gas Cost   Sales Rate     Basic Service Charge Cost per Therm Baseline Quantities Tier II   \$.32198   \$.26560   \$.58758   \$.00139   \$.02947   \$.27019   \$.88663     Tier II   .40952   .26560   .67512   .00139   \$.02947   \$.27019   \$.70516     T1-2-CARE Residential Gas Service   Baseline Quantities   \$.15043   \$.26560   \$.41603   \$.00139   \$.01755   \$.27019   \$.70516     T1-15-Secondary Residential Gas Service   Basic Service Charge   \$6.00   \$.22046   .26560   \$.0139   \$.02947   \$.27019   \$.70516     T1-15-Secondary Residential Gas Service   Basic Service Charge   \$6.00   \$.20560   \$.0139   \$.02947   \$.27019   \$.101285     LT-15-Secondary Residential Gas Service   Basic Service Charge   \$.00139   \$.02947   \$.27019   \$.101285     LT-20-AMtit-Famity Master-Metered Gas <t< td=""></t<>	
Schedule No. and Type of Charge   Margin   Adjustments   Usage Rate   Other Surcharges CPUC   PPP   Gas   Effective Sales Rate     Basic Service Charge   \$5.00139   \$0.0139   \$0.0139	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas   Other Surcharges   Effective     Basic Service Charge   \$5.00   \$5	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas   Other Surcharges   Effective     Basic Service Charge   \$5.00   \$5	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas   Other Surcharges   Effective     3nd   Adjustments   Usage Rate   CPUC   PPP   Gas Cost   Sales Rate     3LT-10-Residential Gas Service   Basic Service Charge   \$5.00   \$5.00   \$5.00   \$5.00     Cost per Therm   Baseline Quantities   \$32198   \$.26560   \$.58758   \$00139   \$0.2947   \$.27019   \$.88863     Basic Service Charge   \$4.00   .40952   .26560   \$.67512   .00139   .02947   \$.27019   \$.88863     Basic Service Charge   \$4.00   .26560   \$.41603   \$.00139   \$.01755   \$.27019   \$.70516     Basic Service Charge   \$.15043   \$.26560   \$.41603   \$.00139   \$.01755   \$.27019   \$.70516     LT-15-Secondary Residential Gas Service   \$.15043   \$.26560   \$.71180   \$.00139   \$.02947   \$.27019   \$.101285     LT-20-Multi-Family Master-Metered Gas   \$.26560   \$.71180   \$.00139   \$.02947   \$.27019   \$.88863	
Schedule No. and Type of Charge   Margin   Adjustments   Subtotal Gas   Other Surcharges   Effective     LT-10-Residential Gas Service   Basic Service Charge   \$5.00   \$	
Schedule No. and Type of Charge   Margin   Adjustments   Usage Rate   Other Surcharges CPUC   Effective PPP   Effective Gas Cost   Effective Sales Rate     LT-10-Residential Gas Service   Basic Service Charge   \$5.00	
Schedule No. and Type of ChargeMarginAdjustmentsSubtotal Gas Usage RateOther Surcharges CPUCEffective Sales RateLT-10-Residential Gas ServiceBasic Service Charge\$5.00\$5.00\$5.00\$5.00\$5.00Cost per ThermBaseline Quantities\$3.2198\$.26560\$.58758\$.00139\$.02947\$.27019\$.88863Tier II.40952.26560.67512.00139\$.02947\$.27019\$.7617LT-12-CARE Residential Gas Service84.00.67512.00139\$.01755\$.27019\$.70516Basic Service Charge\$4.00.26560\$.41603\$.00139\$.01755\$.27019\$.70516Cost per Therm\$.15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516Baseline Quantities\$.15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516Tier II.22046.26560\$.41603\$.00139\$.01755\$.27019\$.70516Dirier Surcharge\$.15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516LT-15-Secondary Residential Gas Service\$6.00\$.26560\$.71180\$.00139\$.02947\$.27019\$1.01285LT-20-Multi-Family Master-Metered Gas\$.44620\$.26560\$.71180\$.00139\$.02947\$.27019\$1.01285Basic Service Charge\$11.00\$.44620\$.26560\$.71180\$.00139\$.02947\$.27019\$1.01285LT-20-Mu	
Charges [2] and AdjustmentsOther Surcharges CPUCEffective Sales RateSchedule No. and Type of ChargeMarginAdjustmentsSubtotal Gas Usage RateOther Surcharges CPUCEffective Sales RateBasic Service Charge Cost per Therm Baseline Quantities Tier II\$ .32198\$ .26560\$ .58758\$ .00139\$ .02947\$ .27019\$ .88863LT-12-CARE Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II\$ .15043\$ .26560\$ .41603\$ .00139\$ .02947\$ .27019\$ .88863LT-12-CARE Residential Gas Service Cost per Therm Baseline Quantities Tier II\$ .15043\$ .26560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516LT-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm Basic Service Charge Cost per Therm\$ .15043\$ .26560\$ .71180\$ .00139\$ .02947\$ .27019\$ .70516LT-15-Secondary Residential Gas Service Cost per Therm Basic Service Charge Cost per Therm\$ .16043\$ .26560\$ .71180\$ .00139\$ .02947\$ .27019\$ .101285LT-20-Multi-Family Master-Metered Gas Service Basic Service Charge Basic Service Charge\$ .100\$ .26560\$ .71180\$ .00139\$ .02947\$ .27019\$ .101285LT-20-Multi-Family Master-Metered Gas Service\$ .100\$ .26560\$ .71180\$ .00139\$ .02947\$ .27019\$ .101285Basic Service Charge Basic Service Charge\$ .100\$ .26560\$ .71180\$ .0013	
Charges [2] andSubtotal GasOther Surcharges CPUCEffective Sales RateSchedule No. and Type of ChargeMarginAdjustmentsUsage RateOther Surcharges CPUCSales RateBasic Service Charge\$5.00\$5.00\$5.00\$5.00\$5.00Cost per ThermBaseline Quantities Tier II\$.32198\$.26560\$.58758\$.00139\$.02947\$.27019\$.88863 .27019LT-12-CARE Residential Gas Service\$4.00.0139.02947\$.27019\$.70516 .27019\$.70516Basic Service Charge Cost per Therm\$4.00\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516 .27019LT-15-Secondary Residential Gas Service\$4.00.26560.48606.00139\$.01755\$.27019\$.70516 .27019Basic Service Charge Cost per Therm\$.15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516 .27019LT-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm\$.44620\$.26560\$.71180\$.00139\$.02947\$.27019\$.101285LT-12-O-Multi-Family Master-Metered Gas Service\$.44620\$.26560\$.71180\$.00139\$.02947\$.27019\$1.01285David O conde of the one of the of	
Schedule No. and Type of ChargeMarginAdjustmentsSubtotal Gas Usage RateOther Surcharges CPUCEffective Sales RateLT-10-Residential Gas ServiceBasic Service Charge Cost per Therm\$ .00139\$ .02947\$ .27019\$ .88863 .27019Baseline Quantities Tier II\$ .32198\$ .26560\$ .58758\$ .00139\$ .02947\$ .27019\$ .88863 .27019LT-12-CARE Residential Gas Service\$ .32198\$ .26560\$ .58758\$ .00139\$ .02947\$ .27019\$ .88863 .27019Basic Service Charge Cost per Therm Baseline Quantities Tier II\$ .32198\$ .26560\$ .41603\$ .00139\$ .02947\$ .27019\$ .70516 .27019LT-12-CARE Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II\$ .20560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516 .27019LT-15-Secondary Residential Gas Service Basic Service Charge Cost per Therm\$ .00139\$ .01755\$ .27019\$ .70516 .27019LT-12-OMulti-Family Master-Metered Gas\$ .44620\$ .26560\$ .71180\$ .00139\$ .02947\$ .27019\$ .101285	
Charges [2] andSubtotal Gas Usage RateOther Surcharges CPUCEffective Sales RateLT-10-Residential Gas ServiceBasic Service Charge Cost per Therm\$ .32198\$ .26560\$ .58758\$ .00139\$ .02947\$ .27019\$ .88863Tier II.40952.26560.67512.00139\$ .02947\$ .27019\$ .88863LT-12-CARE Residential Gas Service\$ 4.00.67512.00139\$ .02947\$ .27019\$ .88863Basic Service Charge Cost per Therm\$ .15043\$ .26560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516Basic Service Charge Cost per Therm\$ .15043\$ .26560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516Tier II.22046.26560.48606.00139\$ .01755\$ .27019\$ .70516Tier II.22046.26560.48606.00139\$ .01755\$ .27019\$ .70516Baseline Quantities Tier II\$ .15043\$ .26560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516LT-15-Secondary Residential Gas Service\$ .00139.01755\$ .27019\$ .70516.77519Basic Service Charge Cost per Charge\$ .00139.01755\$ .27019\$ .70516Cost per Charge\$ .00139.01755\$ .27019.77519Basic Service Charge\$ .00139.01755\$ .27019\$ .70516Cost per Charge\$ .00139.01755\$ .27019.77519LT-15-Secondary Residential Gas	
Schedule No. and Type of ChargeMarginAdjustmentsSubtotal Gas Usage RateOther Surcharges CPUCEffective Sales RateLT-10-Residential Gas ServiceBasic Service Charge Cost per Therm Baseline Quantities Tier II\$ .32198 .40952\$ .26560 .26560\$ .58758 .67512\$ .00139 .02947\$ .02947 .27019\$ .88863 .97617LT-12-CARE Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tier II\$ .15043 .26560\$ .41603 .40952\$ .00139 .01755\$ .27019 .27019\$ .70516 .77519LT-15-Secondary Residential Gas Service David Cost per Therm Baseline Quantities Tier II\$ .15043 .22046\$ .41603 .26560\$ .00139 .01755\$ .27019 .27019\$ .70516 .77519	
Charges [2] andSubtotal Gas Subtotal GasOther Surcharges CPUCEffective Sales RateLT-10-Residential Gas ServiceMarginAdjustmentsUsage RateOther Surcharges CPUCPPPGas CostSales RateBasic Service Charge Cost per Therm\$ 5.00\$ 5.00\$ 5.8758\$ .00139\$ .02947\$ .27019\$ .88863Tier II.40952.26560.67512.00139\$ .02947\$ .27019\$ .88863LT-12-CARE Residential Gas Service\$ 4.00\$ .40952.26560.67512.00139\$ .02947\$ .27019\$ .88863Basic Service Charge Cost per Therm\$ 4.00\$ .26560.67512.00139\$ .02947\$ .27019\$ .88863Basic Service Charge Cost per Therm\$ .40952.26560.67512.00139\$ .02947\$ .27019\$ .88863Baseline Quantities Tier II\$ .15043\$ .26560\$ .41603\$ .00139\$ .01755\$ .27019\$ .70516Tier II.22046.26560.48606.00139.01755\$ .27019\$ .70516	
Charges [2] andOther Surcharges CPUCEffective Sales RateSchedule No. and Type of ChargeMarginAdjustmentsUsage RateOther Surcharges CPUCGas CostEffective Sales RateSLT-10-Residential Gas Service\$5.00\$5.00\$5.00\$5.00\$5.00\$5.00Cost per ThermBaseline Quantities Tier II\$32198\$.26560\$.58758\$.00139\$.02947\$.27019\$.88863 .97617SLT-12-CARE Residential Gas Service\$4.00.40952.26560.67512.00139.02947\$.27019\$.4000Basic Service Charge Cost per Therm\$4.00\$4.00\$4.00\$4.00\$4.00Cost per Therm\$15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516Baseline Quantities Cost per Therm\$15043\$.26560\$.41603\$.00139\$.01755\$.27019\$.70516	
Charges [2] andOther Surcharges CPUCEffective Gas CostSchedule No. and Type of ChargeMarginAdjustmentsUsage RateOther Surcharges CPUCEffective Gas CostBasic Service Charge Cost per Therm\$5.00\$5.00\$5.00\$5.00Baseline Quantities Tier II\$.32198\$.26560\$.58758\$.00139\$.02947\$.27019\$.88863 .97617LT-12-CARE Residential Gas Service Basic Service Charge Cost per Therm\$4.00\$4.00\$4.00	
Charges [2] andOther Surcharges Usage RateEffective CPUCSchedule No. and Type of ChargeMarginAdjustmentsUsage RateOther Surcharges CPUCEffective Sales RateSLT-10-Residential Gas Service\$5.00\$5.00\$5.00\$5.00Cost per Therm Baseline Quantities Tier II\$32198\$.26560\$.58758\$.00139\$.02947\$.27019\$.88863SLT-12-CARE Residential Gas Service Basic Service Charge\$4.00\$4.00\$4.00	
Charges [2] andOther Surcharges Usage RateEffective CPUCSchedule No. and Type of ChargeMarginAdjustmentsUsage RateOther Surcharges CPUCEffective Gas CostSLT-10-Residential Gas ServiceBasic Service Charge\$5.00\$5.00\$5.00Cost per ThermBaseline Quantities\$ .32198\$ .26560\$ .58758\$ .00139\$ .02947\$ .27019\$ .88863Tier II.40952.26560.67512.00139.02947.27019.97617	
Charges [2] and Other Surcharges Effective   Schedule No. and Type of Charge Margin Adjustments Usage Rate Other Surcharges Effective   SLT-10-Residential Gas Service 85.00 \$5.00 \$5.00 \$5.00 \$5.00   Baseline Quantities \$ .32198 \$ .26560 \$ .58758 \$ .00139 \$ .02947 \$ .27019 \$ .88863	
Charges [2] and Other Surcharges Effective   Schedule No. and Type of Charge Margin Adjustments Usage Rate CPUC PPP Gas Cost Sales Rate   SLT-10-Residential Gas Service \$5.00 \$5.00 \$5.00   Cost per Therm Describer \$ 000000000000000000000000000000000000	
Charges [2] and Subtotal Gas Other Surcharges Effective   Schedule No. and Type of Charge Margin Adjustments Usage Rate CPUC PPP Gas Cost Sales Rate   SLT-10-Residential Gas Service \$5.00 \$5.00 \$5.00	
Charges [2] and Subtotal Gas <u>Other Surcharges</u> Effective Schedule No. and Type of Charge Margin Adjustments Usage Rate CPUC PPP Gas Cost Sales Rate	
Charges [2] and Subtotal Gas <u>Other Surcharges</u> Effective	
RATES APPLICABLE TO SOUTH LAKE TAHOE SERVICE AREA [1]	
RATES APPLICABLE TO SOUTH LAKE TAHOE SERVICE AREA [1]	
STATEMENT OF RATES	
alifornia Gas Tariff Canceling <u>58th Revised</u> Cal. P.U.C. Sheet No. 70	
as Vegas, Nevada 89193-851059th Revised Cal. P.U.C. Sheet No70	

Advice Letter No. 1052 Decision No. Issued by Justin Lee Brown Vice President Date Filed September 29, 2017 Effective October 1, 2017 Resolution No.

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments	Subtotal Gas Usage Rate	Other Surcharges CPUC PPP	Gas Cost	Effective Sales Rate	
SLT-60-Core Internal Combustion Engine							
Gas Service							L
Basic Service Charge	\$ 11.00					\$ 11.00	
Cost per Therm	\$.23812	\$.26560	\$ .50372	\$ .00139 \$ .02947	\$ .27019	\$ .80477	þ
SLT-66-Core Small Electric Power Generation Gas Service							
Basic Service Charge	\$ 11.00					\$ 11.00	1
Cost per Therm	\$ .23812	\$.26560	\$ .50372	\$ .00139	\$.27019	\$ .77530	1
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						\$ .00357	1
TDS-Transportation Distribution System							
Shrinkage Charge							
TDS Charge per Therm						\$ .00151	1
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:

					sum ig o
	SLT-10,	SLT-35,			
	SLT-12,	SLT-40,			
	SLT-15,	SLT-50,			
	SLT-20,	SLT-60,			
Charges and Adjustments Description	SLT-25,	SLT-66		SLT-70	
Upstream Interstate Charges				-	-
Storage	\$ .022	249			
Reservation	.221	03			
IRRAM Surcharge	.000	000	\$	.00000	
Balancing Account Adjustment			•		
FCAM *	.022	208		.03812	
GHGBA					
Non-Covered Entities					
Covered Entities					
Total Rate Adjustment	\$ .265	60	\$	.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 Capand-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	1052
Decision No	

Issued by Justin Lee Brown Vice President

Date Filed	September 29, 2017
Effective	October 1, 2017
Resolution N	No.

	78th Revised	Cal. P.U.C. Sheet No.	123
Canceling	77th Revised	Cal. P.U.C. Sheet No.	123

Schedule No. GCP

# GAS PROCUREMENT FOR CORE CUSTOMERS

# <u>APPLICABILITY</u>

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.

# <u>RATES</u>

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	\$ .26792
F&U	\$ .00437
Total Gas Cost	\$ .27229

Northern California and South Lake Tahoe

Cost of Gas	\$.26630
F&U	\$ .00389
Total Gas Cost	\$.27019

Advice Letter No. <u>1052</u> Decision No. Issued by Justin Lee Brown Vice President Date FiledSeptember 29, 2017EffectiveOctober 1, 2017Resolution No.

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Line No.	Description (a)			F	Rate per <u>Therm</u> (b)	Line No.
1 2 3 4	<u>Southern California</u> Estimated Cost of Gas [1] Monthly Account No. 191 Surcharge [2] Subtotal Franchise & Uncollectibles @	1.6299%	[3]	\$	0.27881 (0.01089) 0.26792 0.00437	1 2 3 4
5	Total October Core Procurement Charg	e per Ther	m	\$	0.27229	5
6 7 8	Northern California and South Lake Tahoe Estimated Cost of Gas [4] Monthly Account No. 191 Surcharge [5] Subtotal			\$	0.27220 (0.00590) 0.26630	6 7 8
9	Franchise & Uncollectibles @	1.4589%	[3]		0.00389	9
10	Total October Core Procurement Charg	e per Ther	m	\$	0.27019	10

#### SOUTHWEST GAS CORPORATION CALCULATION OF MONTHLY CORE PROCUREMENT CHARGES FOR THE MONTH OF OCTOBER 2017

[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 OCTOBER 2017

Line No.	Description(a)	 (b)	Average Cost Per Dth (c)=(d)/(b)	Amount (d)	Line No.
	City Gate Demand and Storage Injections				
1	Total City Gate Demand	387,917			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	387,917			4
	Can Durchesses into Kern Diver Mainline				
5	Gas Purchases into Kern River Mainline Term Purchases	0	¢ 0 0000	<b>*</b> •	_
6		0	\$ 0.0000 \$ 0.7404	\$ 0	5
7	First of Month Purchases [2] Spot Purchases [2]	372,000	\$ 2.7404	\$ 1,019,413	6
8	In Kind Fuel	22,105	\$ 2.7279	\$ 60,298	7
9	Variable Transmission	(6,187)	\$ 0.0000	\$ 0	8
-		387,917	\$ 0.0047	\$ 1,823	9
10	Kern River Opal Basin Total Purchases			\$ 1,081,534	10
	City Gate Gas Purchases				
11	Term Purchases	0	\$ 0.0000	\$ 0	11
12	First of Month Purchases [2]	0 0	\$ 0.0000	\$ 0	12
13	Spot Purchases [2]	0	\$ 0.0000	\$ 0	13
14	Total City Gate Gas Purchases	0	\$ 0.0000	\$ 0	14
	· · · · · · · · · · · · · · · · · · ·				14
	Storage Withdrawals				
15	Projected Volume	0	\$ 0.0000	\$ 0	15
16	Total Average Cost of Gas	-		\$ 0	16
	-				
17	Total Cost of Gas at City Gate [3]	387,917	\$ 2.7881	\$ 1,081,534	17

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

[2] Based on September 20, 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 DISTRIC1 CALCULATION OF PROJECTED MONTHLY GAS COST FOR THE MONTH OF OCTOBER 2017

			1	Average			
Line				Cost			Line
No.	Description	Dth		Per Dth		Amount	No.
	(a)	(b)	(0	;)=(d)/(b)		(d)	
1	Total City Gate Demand (Net)	311,068					1
	Gas Purchases into Mainline						
2	Projected Purchases Into NWPL [1]	139,676	\$	2.5580	\$	357.291	2
3	Projected Purchases Into Tuscarora [1]		\$	0.000	•		3
4	Projected Purchases Into Paiute [1]	176,322	\$	2.7490	\$	484,709	4
5	Total Projected Gas Purchases into Mainline	·	·		\$	842,000	5
	Transportation Costs						
6	NWPL Volumetric Charge [2]	137,888	\$	0.0313	\$	4.316	6
7	Paiute Volumetric Charge [3]	311,068	\$	0.0013	\$	404	7
8	Tuscarora Volumetric Charge [4]	0	Ŝ	0.0013	\$	0	8
9	Total Transportation Variable Cost		•		\$	4,720	9
10	Total Cost at the City Gate [5]	311,068	\$	2.7220	\$	846,721	10

[1] Based on September 20, 2017, first of the month forwards.

[2] NWPL less in-kind fuel at 1.28%.

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

[4] Tuscarora less in-kind fuel at 0.50%.

[5] Assumes no volume is dispatched from LNG.

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

Line No.	Description(a)	Estimated August Activity (b)		October Surcharge (c)	Line No.
1	Acct. No. 191 Ending Balance for August 2017		\$	(926,107)	1
2 3 4	Storage Activities No Storage Activity for July August Imbalance Traded Out of Storage Adjusted Ending Balance		\$	0 <u>3,231</u> (922,876)	2 3 4
5 6 7	August Rate per Therm September Rate per Therm Average Rate per Therm	\$ (0.00623) (0.00812) \$ (0.00718)			5 6 7
8	Estimated September Sales	3,262,123			8
9	Estimated September Acct. No. 191 Activity (Line 7 x Line 8)		\$	23,422	9
10	Estimated September Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		\$	(899,454)	10
11	Estimated Twelve Months Sales		8	2,560,022	11
12	October Surcharge per Therm (Line 10 / Line 11)		\$	(0.01089)	12

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

1.500		Estimated			
Line		August		October	Line
No.	Description	<u>Activity</u>	S	Burcharge	No.
	(a)	(b)		(c)	,
1	Acct. No. 191 Ending Balance for August 2017		\$	(288,981)	1
2	August Rate per Therm	\$ 0.00122			2
3	September Rate per Therm	(0.00369)			3
4	Average Rate per Therm	\$(0.00123)			4
		<u>+(0,000,007</u>			
5	Estimated September Sales	1,387,652			5
6	Estimated September Acct. No. 191 Activity (Line 4 x Line 5)		\$	1,707	6
7	Estimated September Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		\$	(287,274)	7
8	Estimated Twelve Months Sales		4	8,650,443	8
9	October Surcharge per Therm (Line 7 / Line 8)		\$	(0.00590)	9

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

Line No.	Description (a) Southern California	Rat	e per Therm (b)	Line No.
1	Estimated Cost of Gas [1]	\$	0.27881	1
2	Franchise Tax @ 1.1694% [2]	\$	0.00326	2
	Northern California and South Lake Tahoe			
3	Estimated Cost of Gas [1]	_\$	0.27220	3
4	Franchise Tax @ 1.3111% [2]	\$	0.00357	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 OCTOBER 2017

Line No.	Description	Rate per Therm	Line No.
	(a) <u>Southern California</u>	(b)	
1	Total October Core Procurement Charge per Therm [1]	\$ 0.27229	1
2	Shrinkage Rate @ 0.7600% [2]	\$ 0.00207	2
	Northern California and South Lake Tahoe		
3	Total October Core Procurement Charge per Therm [1]	\$ 0.27019	3
4	Shrinkage Rate @ 0.5600% [2]	\$ 0.00151	4
	[1] Schedule I, Sheet 1.		

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