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



April 11, 2017

Advice Letter 1034

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 Non-Core Customers in SWG's California Service Areas

Dear Mr. Brown:

Advice Letter 1034 is effective as of March 1, 2017.

Sincerely, Eduard Randoph

Edward Randolph Director, Energy Division



Justin Lee Brown, Vice President/Regulation and Public Affairs

March 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. 1034

Enclosed herewith is one (1) copy of Southwest Gas Corporation's Advice Letter No. 1034, together with California Gas Tariff Sheet Nos. 65, 66, 68-71 and 123.

Sincerely,

time

Valerie J. Ontiveroz Regulatory Manager/California

VJO:dm Enclosures



Advice Letter No. 1034

March 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.
87th Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	86th Revised Sheet No. 65
88th Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	87th Revised Sheet No. 66
85th Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	84th Revised Sheet No. 68
87th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	86th Revised Sheet No. 69
52nd Revised Sheet No. 70	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	51st Revised Sheet No. 70
87th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	86th Revised Sheet No. 71
71st Revised Sheet No. 123	Schedule No. GCP – Gas Procurement for Core Customers	70th 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. 1034 Page 2 March 1, 2017

Purpose (Continued)

For core sales customers, the March 2017 cost of gas, including adjustment for franchises and uncollectibles, is \$0.34491 per therm for Southwest Gas' Southern California Service Area and \$0.32002 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TFF Surcharge rate is \$0.00358 per therm for Southwest Gas' Southern California Service Area and \$0.00376 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The TDS Charge is \$0.00262 per therm for Southwest Gas' Southern California Service Area and \$0.00179 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 March 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: <u>edtariffunit@cpuc.ca.gov</u> Facsimile: 415-703-2200



Advice Letter No. 1034 Page 3 March 1, 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 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

<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.

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 ORPORATION By: Justin Lee Brown Attachments

Distribution List

Advice Letter No. 1034

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 <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. Southwest Gas Corporation (U 905 G)								
Utility type:	Contact Person: Va	lerie J. Ontiveroz						
□ ELC ■ GAS	Phone #: (702) 876	<u>-7323</u>						
	E-mail: <u>valerie.onti</u>	veroz@swgas.com						
EXPLANATION OF UTILIT	Y TYPE	(Date Filed/ Received Stamp by CPUC)						
ELC = ElectricGAS = GasPLC = PipelineHEAT = Heat	WATER = Water							
Advice Letter (AL) #: 1034								
Subject of AL: <u>To update procurement charges applicable to Schedule No. GCP for core customers and</u> 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), Northern California (NCA), and South Lake Tahoe (SLT)								
AL filing type: Monthly D Quarterly	Annual D One-Time	e 🗆 Other						
If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:								
Does AL replace a withdrawn or rejected	d AL? If so, identify th	ne prior AL Not applicable						
Summarize differences between the AL	and the prior withdra	wn or rejected AL ¹ : Not applicable						
Resolution Required? □ Yes ■ No								
Requested effective date: March 1, 201	<u>7</u>	No. of tariff sheets: 7						
Estimated system annual revenue effec	t: (%): <u>(0.24%) SCA</u> ,	(1.64%) NCA, and (2.10%) SLT						
Estimated system average rate effect (%								
When rates are affected by AL, include (residential, small commercial, large C/I	attachment in AL sho , agricultural, lighting)	wing average rate effects on customer classes						
Tariff schedules affected: Schedule N	o. GCP – Gas Procu	rement for Core Customers						
Service affected and changes proposed								
Pending advice letters that revise the sa								
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.

Canceling

87th Revised Cal. P.U.C. Sheet No. _____ 86th Revised Cal. P.U.C. Sheet No. _____

65 65

STATEMENT OF RATES

RATES APPLICABLE TO SOUTHERN CALIFORNIA SERVICE AREA [1]

		Charges [2] and	Subtotal Ga	is <u>Other Sur</u>	tharnes		Effective
Schedule No. and Type of Charge	Margin		Usage Rate		PPP	Gas Cost	Sales Rate
GS-10-Residential Gas Service							0
Basic Service Charge	\$ 5.00						\$ 5.00
Cost per Therm							• • • • •
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139 \$.14256	\$34491	\$1.30909
Tier II	\$.86493	.12657	.99150	.00139	.14256	.34491	1.48036
GS-11-Residential Air-Conditioning Gas Service							
Basic Service Charge	\$5.00						\$5.00
Cost per Therm							
Tier I	\$.69366	\$.12657	\$.82023	\$.00139 \$		\$.34491	\$1.30909
Tier II	.86493	.12657	.99150	.00139	.14256	.34491	1.48036
Air-Conditioning	\$.34683	.12657	.47340	.00139	.14256	.34491	.96226
SS-12-CARE Residential Gas Service							
Basic Service Charge	\$4.00						\$4.00
Cost per Therm							
Baseline Quantities Tier II	\$.46063 50765	\$.12657	\$.58720	\$.00139 \$		\$.34491	\$.95105
	.59765	.12657	.72422	.00139	.01755	.34491	\$ 1,08807
3S-15-Secondary Residential Gas Service							
Basic Service Charge	\$6.00						\$6.00
Cost per Therm	\$1.06499	\$.12657	\$1.19156	\$.00139 \$.14256	\$.34491	\$1.68042
S-20-Multi-Family Master-Metered Gas Service							
Basic Service Charge	\$25.00						\$25.00
Cost per Therm							
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139 \$		\$.34491	\$1.30909
Tier II	.86493	.12657	.99150	.00139	.14256	.34491	1.48036
S-25 -Multi-Family Master-Metered Gas							
Service-Submetered Basic Service Charge	\$25.00						005.00
Cost per Therm	φ23.00						\$25.00
Baseline Quantities	\$.69366	\$.12657	\$.82023	\$.00139 \$	14256	\$.34491	\$ 1.30909
Tier II	.86493	.12657	.99150	.00139	.14256	.34491	1.48036
Submetered Discount per Occupied Space	(\$7.69)					.01401	(\$7.69)
S-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service							(******)
Basic Service Charge	\$8.80						\$ 8.80
Cost per Therm							
First 100	\$.40081	\$.12657	\$.52738	\$.00139 \$.01755	\$.34491	\$.89123
Next 500	.27064	.12657	.39721	.00139	.01755	.34491	.76106
Next 2,400	.16650	.12657	.29307	.00139	.01755	.34491	.65692
Over 3,000	.04660	.12657	.17317	.00139	.01755	.34491	.53702
S-40-Core General Gas Service							
Basic Service Charge	\$11.00						\$11.00
Transportation Service Charge	\$780.00						\$780,00
Cost per Therm	• •						0.00
First 100	\$.61888	\$.12657		\$.00139 \$		\$.34491	\$1.23431
Next 500 Next 2,400	\$.45617	.12657	.58274	.00139	.14256	.34491	1.07160
Next 2,400 Over 3,000	\$.32599 \$.17612	.12657 .12657	.45256	.00139	.14256	.34491	.94142 .79155
	φ .17012	.12007	.30269	.00139	.14256	.34491	.79155
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88th Revised Cal. P.U.C. Sheet No. _ 66 California Gas Tariff 87th Revised Cal. P.U.C. Sheet No. 66 Canceling 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-50-Core Natural Gas Service for Motor Vehicles **Basic Service Charge** \$25.00 \$25.00 Cost per Therm \$.12183 \$.12657 \$.24840 \$.00139 \$.14256 \$.34491 R \$.73726 GS-60-Core Internal Combustion Engine Gas Service **Basic Service Charge** \$25.00 \$25.00 Cost per Therm \$.18132 \$.12657 \$.30789 \$.00139 \$.14256 \$.34491 \$.79675 R GS-LUZ-Solar Electric Generation Gas Service \$50.00 Basic Service Charge \$50.00 Cost per Therm \$.05217 \$.00133 \$.05350 \$.00139 \$.05489 **GS-66-Core Small Electric Power Generation Gas Service Basic Service Charge** \$25.00 \$25.00 Cost per Therm \$.26205 \$.12657 \$.38862 \$.00139 \$.34491 \$.73492 R **GS-70-Noncore General Gas Transportation** Service **Basic Service Charge** \$100.00 \$100.00 Transportation Service Charge \$780.00 \$780.00 \$.00139 \$.14256 Cost per Therm \$.13261 \$.03661 \$.16922 \$.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 \$.34491 \$.84364 R **TFF-Transportation Franchise Fee Surcharge** Provision TFF Surcharge per Therm \$.00358 R **TDS** – Transportation Distribution System Shrinkage Charge TDS Charge per Therm \$.00262 R MHPS-Master-Metered Mobile Home Park Safety Inspection Provision MHPS Surcharge per Space per Month \$.21000

Advice Letter No. <u>1034</u> Decision No. Issued by Justin Lee Brown Vice President

GN-10-Residential Gas Service S5.00 Baseline Cuantilies \$7.3224 \$19884 \$.93278 \$.00139 \$.02947 \$.32002 GN-12-CARE Residential Gas Service .84375 19894 \$.033278 \$.00139 \$.02947 \$.32002 GN-12-CARE Residential Gas Service .84375 19894 \$.68222 \$.00139 \$.01755 \$.32002 GN-12-CARE Residential Gas Service .57103 \$.19844 \$.68222 \$.00139 \$.01755 \$.32002 GN-15-Secondary Residential Gas Service .586.00 .588171 \$.19984 \$1.08155 \$.00139 \$.02947 \$.32002 GN-25-Auditi-Family Master-Metered Gas .58702 .19984 \$.1.08155 \$.00139 \$.02947 \$.32002 GN-25-Auditi-Family Master-Metered Gas .58702 .19984 \$.04359 .00139 \$.02947 \$.32002 GN-25-Auditi-Family Master-Metered Gas .58705 .19984 \$.04359 .00139 \$.02947 \$.32002 GN-25-Auditi-Family Master-Metered Gas .58705 .19984 \$.04359 .00139 <t< th=""><th>is Vegas, Nevada 89193-8510 alifornia Gas Tariff</th><th>Canceling</th><th>·</th><th></th><th></th><th></th><th></th><th></th><th>Sheet No. Sheet No.</th><th></th></t<>	is Vegas, Nevada 89193-8510 alifornia Gas Tariff	Canceling	·						Sheet No. Sheet No.	
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Cost per Therm \$.88171 \$.19984 \$ 1.08155 \$.00139 \$.02947 \$.32002 SAV-20-Multi-Family Master-Metered Gas Service Baseline Quantities \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Ther II Baseline Quantities \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 SN-26-Multi-Family Master-Metered Gas Service-Submetered \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 SN-25-Anulti-Family Master-Metered Gas Service-Submetered \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$.73294 \$.19984 \$.93278 \$.00139 \$.01755 \$.32002 Submetered Discount per Occupied Space \$.800 \$.38201 \$.19984 \$.8155 \$.00139 \$.01755 \$.32002 Next 500 \$.38201 \$.19984 \$.58185	N-15-Secondary Residential Gas Service									
Service S25.00 Basic Service Charge Cost per Therm Baseline Quantilies \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 GN-25-Multi-Family Master-Metered Gas Service-Submetered \$.73294 \$.19984 \$.04359 \$.00139 \$.02947 \$.32002 GN-25-Multi-Family Master-Metered Gas Service Charge \$.73294 \$.19984 \$.00139 \$.02947 \$.32002 GN-25-Multi-Family Master-Metered Gas \$.73294 \$.19984 \$.00139 \$.02947 \$.32002 Basic Service Charge \$.73294 \$.19984 \$.00139 \$.02947 \$.32002 Submetered Discourt per Occupied Space \$.73294 \$.19984 \$.00139 \$.02947 \$.32002 Submetered Discourt per Occupied Space \$.19984 \$.00139 \$.01755 \$.32002 Submetered Discourt per Occupied Space \$ 8 .80 \$.00139 \$.01755 \$.32002 Cost per Therm \$.38201 \$.19984 \$.48379 .00139 \$.01755 \$.32002 Next 2.400 .18848 .19984 \$.24			\$.19984	\$ 1.08155	\$.00139	\$.02947	\$.32002	\$6.00 \$1.43243
Basic Service Charge Cost per Therm \$\$25.00 Baseline Quantities Tier II \$73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 SN-25-Multi-Family Master-Metered Gas Service-Submetered \$.19984 \$.03278 \$.00139 \$.02947 \$.32002 SN-25-Multi-Family Master-Metered Gas Service-Submetered \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Ther II Baselic Guantities \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discourts per Occupied Space \$ \$.4375 .19984 \$.03278 \$.00139 \$.02947 \$.32002 Submetered Discourts per Occupied Space \$ \$.4375 .19984 \$.04359 .00139 \$.01755 \$.32002 Submetered Discourts per Occupied Space \$ \$.8.0 \$.02947 \$.32002 Submetered Discourts per Occupied Space \$ \$.8.0 \$.00139 \$.01755 \$.32002 Submetered Discourts per Nem \$ \$.38201 \$.19984 \$.58185										
Baseline Quantilities \$.72294 \$.99278 \$.00139 \$.02947 \$.32002 3N-25-Multi-Family Master-Metered Gas .84375 .19984 \$.93278 \$.00139 \$.02947 \$.32002 Basic Service Charge \$.02947 \$.32002 .00139 \$.02947 \$.32002 Cost per Therm Baseline Quantities \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 SN-35-Agriculture Employee Housing & Nonpofit Group Living Facility Gas Service \$ 880 \$.00139 .01755 .32002 Next 500 .28395 .19984 \$.58185 \$.00139 .01755 .32002 Next 500 .28395 .19984 .38832 .00139 .01755 .32002 Next 500 .28095 .19984 .38832 .00139 .01755 .32002 Next 500 .04170 .19984 .68474 .00139 .01755 .32002 SN-40-Core General Gas Service Sa780.00 .68474 .00139 <td>Basic Service Charge</td> <td>\$25.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$25.00</td>	Basic Service Charge	\$25.00								\$25.00
Service-Submetered \$25.00 Basic Service Charge \$25.00 Cost per Therm Baseline Quantities \$.73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$.13984 \$.03378 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$\$11.01 \$.04359 .00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$\$11.01 \$.04359 .00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$\$11.01 \$\$1.9984 \$.58185 \$.00139 \$.01755 \$.32002 SN-35-Agriculture Employee Housing & \$\$1.8848 19984 .38832 .00139 \$.01755 \$.32002 Next 500 .04170 .19984 .38832 .00139 .01755 .32002 Over 3.000 .04170 .19984 \$.80732 \$.00139 \$.02947 \$.32002 SN-40-Core General Gas Service \$\$780.00 \$.68474 .00139 .02947 .32002 Next 50	Baseline Quantities		• • • • • • • •	• • • • • •	\$		\$		• • • • • • • • • • • • • • • • • • • •	\$ 1.28366 1.39447
Basic Service Charge Cost per Therm Baseline Quantities \$ \$25.00 Submetered Discount per Occupied Space \$.13984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space \$.19984 \$.00139 .02947 \$.32002 SN-35-Agriculture Employee Housing & Monprofit Group Living Facility Gas Service \$ 8.80 \$.00139 \$.01755 \$.32002 Basic Service Charge \$ 8.80 \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 \$.38201 \$.19984 .48379 .00139 .01755 .32002 Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 SM-40-Core General Gas Service \$ \$11.00 \$.60748 \$.19984 \$.80732 \$.00139 .02947 \$.32002 SM-40-Core General Gas Service \$ \$780.00 \$.60748 \$.19984 \$.80732 \$.00139 .02947 \$.32002 Next 2,400 .36557 .19984 .56414 .00139 .02947 .32002 Next 2,400										
Cost per Therm S .73294 \$.19984 \$.93278 \$.00139 \$.02947 \$.32002 Submetered Discount per Occupied Space (\$11.01) .04359 .00139 \$.02947 \$.32002 SN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service \$ 8.80 .00139 \$.01755 \$.32002 SN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Over 3,000 .04170 .19984 .38832 .00139 .01755 .32002 SN-40-Core General Gas Service \$ \$.0755 .32002 \$.01755 .32002 Over 3,000 .04170 .19984 \$.80732 \$.00139 .02947 \$.32002 Next 500 .48490		\$25.00								\$25.00
Tier II .84375 .19984 1.04359 .00139 .02947 .32002 Submetered Discount per Occupied Space (\$11.01) .0139 .02947 .32002 SN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service \$8.80 .00139 .0139 .02947 .32002 Basic Service Charge \$8.80 .00139 .01755 \$.32002 Next 500 .28395 .19984 \$.58185 \$.00139 .01755 .32002 Next 2,400 .18848 .19984 .48379 .00139 .01755 .32002 Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 SM-40-Core General Gas Service \$11.00 \$.60748 \$.19984 \$.80732 \$.00139 .02947 \$.32002 Over 3,000 .48490 .19984 .68474 .00139 .02947 \$.32002 Next 500 .48490 .19984 .68474 .00139 .02947 \$.32002 Over 3,000 .18209 .19984 .38	Cost per Therm	420.00								\$20.00
Note of the section of the sect			• • • • • • • •		\$		\$			\$ 1.28366
Nonprofit Group Living Facility Gas Service \$ 8.80 Basic Service Charge \$ 8.80 First 100 \$.38201 \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 SN-40-Core General Gas Service Basic Service Charge \$.11.00 \$.04170 .19984 .24154 .00139 .01755 .32002 SN-40-Core General Gas Service \$.780.00 \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 500 .48490 .19984 \$.80732 \$.00139 .02947 \$.32002 Next 500 .48490 .19984 \$.80732 \$.00139 .02947 \$.32002 SN-50-Core Natural Gas Service for Motor .48490 .19984 .38193 .00139			. 19904	1.04359		.00139		.02947	.32002	1.39447 (\$11.01)
Basic Service Charge \$ 8.80 Cost per Therm First 100 \$.38201 \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 SN-40-Core General Gas Service \$ 11.00 Basic Service Charge \$ 11.00 Transportation Service Charge \$ 780.00 Cost per Therm \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 2,400 .36557 .19984 .68474 .00139 .02947 \$.32002 Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002 SN-50-Core Natural Gas Service for Motor \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002 Sot per Therm \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002										
Cost per Therm First 100 \$.38201 \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 3N-40-Core General Gas Service										¢ 0 00
First 100 \$.38201 \$.19984 \$.58185 \$.00139 \$.01755 \$.32002 Next 500 .28395 .19984 .48379 .00139 .01755 .32002 Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 SN-40-Core General Gas Service Basic Service Charge \$11.00 \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 SN-40-Core General Gas Service \$780.00 \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 500 .48490 .19984 .68474 .00139 .02947 \$.32002 Next 2,400 .36557 .19984 .36193 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor		4 0 00								\$ 8.80
Next 2,400 .18848 .19984 .38832 .00139 .01755 .32002 Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 SN-40-Core General Gas Service		\$.38201	\$.19984	\$.58185	\$.00139	\$.01755	\$32002	\$.92081
Over 3,000 .04170 .19984 .24154 .00139 .01755 .32002 SN-40-Core General Gas Service Basic Service Charge \$11.00 \$780.00 \$780.00 \$780.00 \$780.00 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002 \$32002		+								.82275
Basic Service Charge \$11.00 Transportation Service Charge \$780.00 Cost per Therm \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 500 .48490 .19984 .68474 .00139 .02947 .32002 Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor										.72728 .58050
Basic Service Charge \$11.00 Transportation Service Charge \$780.00 Cost per Therm \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 500 .48490 .19984 .68474 .00139 .02947 .32002 Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor	N-40-Core General Gas Service									
First 100 \$.60748 \$.19984 \$.80732 \$.00139 \$.02947 \$.32002 Next 500 .48490 .19984 .68474 .00139 .02947 \$.32002 Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor	Transportation Service Charge									\$11.00 \$780.00
Next 500 .48490 .19984 .68474 .00139 .02947 .32002 Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor		\$ 60748	\$ 10084	\$ 90722	¢	00120	¢	02047	\$ 22002	\$1.15820
Next 2,400 .36557 .19984 .56541 .00139 .02947 .32002 Over 3,000 .18209 .19984 .38193 .00139 .02947 .32002 SN-50-Core Natural Gas Service for Motor Vehicles <				•	φ		4			1.03562
GN-50-Core Natural Gas Service for Motor Vehicles Basic Service Charge \$25.00 Cost per Therm \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002 Issued by Date Filed March 1, 201		.36557	.19984	.56541		.00139		.02947	.32002	.91629
Basic Service Charge \$25.00 Cost per Therm \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002 Issued by Date Filed March 1, 201	N-50-Core Natural Gas Service for Motor	.10203		.00100		561 00.		.v6941	.52002	.15201
Cost per Therm \$.10134 \$.19984 \$.30118 \$.00139 \$.02947 \$.32002										605 00
			\$.19984	\$.30118	\$.00139	\$.02947	\$.32002	\$25.00 \$.65206
			leeuod b			ata Cilad			urch 1 20	17
lvice Letter No. 1034_ Justin Lee Brown Effective March 1, 201	vice Letter No. 1034									

Decision No._____

Justin Lee Brown Vice President

Effective ____ <u>March 1, 2017</u> Resolution No.

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

as Vegas, Nevada 89193-8510		87th Rev		C. Sheet No			
alifornia Gas Tariff	Canceling	86th Rev	ised Cal. P.U.	C. Sheet No	o. <u>69</u>		
	STATEMENT	OF RATES					
RATES APPLICABLE T	<u>O NORTHERN</u>	<u>CALIFORN</u>	A SERVICE A	<u>REA [</u> 1] [2	<u>']</u>		
	Charges	[3]					
	and	Subtotal Gas	Other Surcharges		Effective		
Schedule No. and Type of Charge	Margin Adjustme	nts Usage Rate	CPUC PPP	Gas Cost	Sales Rate		
GN-60-Core Internal Combustion Engine Gas Service	_						
Basic Service Charge	\$ 25.00				\$ 25.00		
Cost per Therm	\$.28220 \$.19984	\$.48204	\$.00139 \$.02947	\$.32002	\$.83292		
GN-66-Core Small Electric Power Generation Gas Service							
Basic Service Charge	\$ 25,00				\$ 25.00		
Cost per Therm	\$.27613 \$.19984	\$.47597	\$.00139	\$.32002	\$.79738		
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	-				\$.00376		
TDS – Transportation Distribution System							
Shrinkage Charge	_						
TDS Charge per Therm	-				\$.00179		
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 of the Town of Truckee.	applied to monthly billin	gs calculated for a	all rate schedules for a	ll customers w	ithin the limits		
[3] The Charges and Adjustments applicable to	each tariff rate schedul GN-10, GN-3 GN-12, GN-4 GN-15, GN-5	5, 0,	owing components;				
Charges and Adjustments Description	GN-20, GN-6 GN-25, GN-6						
Upstream Interstate Charges							
Storage	\$.02249						
Reservation IRRAM Surcharge	.22103 .00000	\$.00000					
Balancing Account Adjustments	.00000	φ.υυυυφ					
FCAM*	(.04368)	(.02764)					
GHGBA**	. ,	- /					
Non-Covered Entition							

Total Rate Adjustment (\$.02764) \$.19984

Non-Covered Entities Covered Entities

* 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).

	Issued by	Date Filed	March 1, 2017
Advice Letter No. 1034	Justin Lee Brown	Effective	March 1, 2017
Decision No	Vice President	Resolution No.	

as Vegas, Nevada 89193-8510 California Gas Tariff	Canceling	······						Sheet No. Sheet No.	
	STATE		FRATE	S					
RATES APPLICAE	BLE TO SO	DUTH LA	KE TAH	OE	SER\	/IC	EAR	EA [1]	
Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments	Subtotal Ga		Other Si CPUC	urch	arges PPP	Gas Cost	Effective Sales Rate
6LT-10-Residential Gas Service	_		•						
Basic Service Charge	\$5.00								\$ 5.00
Cost per Therm Baseline Quantities	\$.32198	\$.26560	\$.58758	¢	.00139	¢	02047	\$.32002	\$.93846
Tier II	.40952	.26560	.67512	Ŷ	.00139	Ψ	.02947	.32002	1.02600
SLT-12-CARE Residential Gas Service									
Basic Service Charge	\$4.00								\$4.00
Cost per Therm	• • • • • • •	• • • • • • •				_			
Baseline Quantities Tier It	\$.14046 .21049	\$.26560 .26560	\$.40606	\$.00139	\$.01755	\$.32002 .32002	\$.74502 .81505
SLT-15-Secondary Residential Gas Service		.20000	.47003		.00135		.01733	.32002	.01505
Basic Service Charge	\$6.00								\$6.00
Cost per Therm	\$.44620	\$.26560	\$.71180	\$.00139	\$.02947	\$.32002	+
LT-20-Multi-Family Master-Metered Gas									
Service									
Basic Service Charge Cost per Therm	\$11.00								\$11.00
Baseline Quantities	\$.32198	\$.26560	\$.58758	S	.00139	s	.02947	\$.32002	\$.93846
Tier II	.40952	.26560	.67512	•	.00139	-	.02947	.32002	1.02600
LT-25-Multi-Family Master-Metered Gas Service-Submetered									
Basic Service Charge	\$11.00								\$11.00
Cost per Therm Baseline Quantities	\$.32198	S .26560	\$.58758		.00139	e	02047	¢ 22002	¢ 00040
Tier II	.40952	.26560	.67512	ą	.00139	Ģ	.02947	\$.32002	\$.93846 1.02600
Submetered Discount per Occupied Space	(\$7.69)						102011	.01001	(\$ 7.69)
LT-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service									
Basic Service Charge	\$ 8.80								\$ 8.80
Cost per Therm	6 00004	¢ 00500							
First 100 Next 500	\$.23001 .17794	\$.26560 .26560	\$.49561 .44354	3	.00139 .00139	\$.01755	\$.32002	
Next 2,400	.12587	.26560	.39147		.00139		.01755	.32002	.78250 .73043
Over 3,000	.03205	.26560	.29765		.00139		.01755	.32002	.63661
LT-40-Core General Gas Service									
Basic Service Charge Transportation Service Charge	\$11.00 \$780.00								\$11.00 \$780.00
Cost per Therm First 100	\$.43392	¢ 26560	\$.69952	e	00120	¢	02047	£ 10000	64.05040
Next 500	.36883	.26560	.63443	\$.00139	Φ	.02947	\$.32002 .32002	\$ 1.05040 .98531
Next 2,400	.30374	.26560	.56934		.00139		.02947		.92022
Over 3,000	.18647	.26560	.45207		.00139		.02947	.32002	.80295
LT-50-Core Natural Gas Service for Motor Vehicles									
Basic Service Charge	\$11.00								\$11.00
Cost per Therm		\$.26560	\$.47481	\$.00139	\$.02947	\$.32002	•
		lssued b	v	Da	te File		Ma	arch 1, 20	017
dvice Letter No. 1034	l.	ustin Lee B			ective			arch 1, 20	
ecision No		Vice Presid							

SOUTHWEST GAS CORPORATION P.O. Box 98510

1.0. DOX 30010							
Las Vegas, Nevada 89193-8510	• •		87th Rev	vised Cal. P.U.C	Sheet No	· <u>71</u>	-
California Gas Tariff	Canceling		86th Rev	<u>vised</u> Cal. P.U.C	Sheet No	71	-
	STATE	MENT OF	RATES]
RATES APPLICABI	<u>E TO SC</u>	DUTH LAK	E TAHOE	SERVICE AR	<u>EA [</u> 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	
SLT-60-Core Internal Combustion Engine							
Basic Service Charge Cost per Therm	\$ 11.00 \$.23812	\$.26560	\$.50372	\$.00139 \$.02947	\$.32002	\$ 11.00 \$.85460	R
SLT-66-Core Small Electric Power Generation Gas Service	•						
Basic Service Charge Cost per Therm	\$ 11.00 \$ 23812	\$.26560	\$50372	\$.00139	\$.32002	\$ 11.00 \$.82513	R
SLT-70-Noncore General Gas Transportation Service							
Basic Service Charge Transportation Service Charge Cost per Therm	\$ 100.00 \$ 780.00 \$.17267	\$.03812	\$.21079	\$.00139 \$.02947		\$ 100.00 \$ 780.00 \$.24165	
TFF-Transportation Franchise Fee Surcharge Provision							
TFF Surcharge per Therm						\$.00376	R
TDS-Transportation Distribution System Shrinkage Charge							
TDS Charge per Therm	-					\$.00179	R
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:

	SLT-10, SLT-35	i,
	SLT-12, SLT-40	ł,
	SLT-15, SLT-50	l,
	SLT-20, SLT-60),
Charges and Adjustments Description	<u>SLT-25, SLT-66</u>	<u>5 SLT-70</u>
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).

		Issued by	Date Filed	March 1, 2017
Advice Letter No	1034	Justin Lee Brown	Effective	March 1, 2017
Decision No		Vice President	Resolution No.	

Las Vegas, Nevada 89193-8510 California Gas Tariff	Canceling		Cal. P.U.C. Sheet No. <u>123</u> Cal. P.U.C. Sheet No. <u>123</u>					
	Schedule N	Io. GCP						
GAS PROCUREMENT FOR CORE CUSTOMERS								
APPLICABILITY	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	\$.33938
F&U	\$.00553
Total Gas Cost	\$.34491
Northern California and	d South Lake Tahoe
Cost of Gas	\$.31542
F&U	\$.00460
Total Gas Cost	\$.32002

Advice Letter No Decision No	1034	Issued by Justin Lee Brown Vice President	Date Filed Effective Resolution No.	March 1, 2017 March 1, 2017

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Line <u>No.</u>	Description			F	Line No.	
	(a)				(b)	
	Southern California					
1	Estimated Cost of Gas [1]			\$	0.30639	1
2	Monthly Account No. 191 Surcharge [2]				0.03299	2
3	Subtotal			\$	0.33938	3
4	Franchise & Uncollectibles @	1.6299%	[3]		0.00553	4
F	Total Marsh Orac December 4 Okara			~	0.04404	_
5	Total March Core Procurement Charge	e per Therm	1	\$	0.34491	5
	Northern California and South Lake Tahoe					
6	Estimated Cost of Gas [4]			s	0.28649	6
7	Monthly Account No. 191 Surcharge [5]			Ψ	0.28049	7
8	Subtotal			S	0.31542	8
•				Ψ	0.01042	0
9	Franchise & Uncollectibles @	1.4589%	[3]		0.00460	9
-			1-1			-
10	Total March Core Procurement Charge	e per Therm	1	\$	0.32002	10
		-				

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

			Average		
Line			Cost		Line
No.	Description	Dth	Per Dth	Amount	No.
	(a)	(b)	(c)=(d)/(b)	(d)	
				• •	
	City Gate Demand and Storage Injections				
1	Total City Gate Demand	666,241			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	666,241			2 3 4
	Can Runchesses into Kana Diversity in				
-	Gas Purchases into Kern River Mainline				
5	Term Purchases	458,800	\$ 3.1548	\$ 1,447,413	5
6	First of Month Purchases [2]	155,000	\$ 2.6635	\$ 412,843	6
7	Spot Purchases [2]	66,315	\$ 2.6810	\$ 177,791	7
8	In Kind Fuel	(13,874)	\$ 0.0000	\$0	8
9	Variable Transmission	666,241	\$ 0.0049	\$ 3,265	9
10	Kern River Opal Basin Total Purchases			\$ 2,041,311	10
	City Gate Gas Purchases				
11	Term Purchases	0	\$ 0.0000	\$ 0	11
12	First of Month Purchases [2]	0	\$ 0.0000	\$U \$0	12
13	Spot Purchases [2]	0	*		
14	Total City Gate Gas Purchases	0	\$ 0.0000	\$ <u>0</u> \$ <u>0</u>	13
14	Total City Gale Gas Fulchases			\$ 0	14
	Storage Withdrawals				
15	Projected Volume	0	\$ 0.0000	\$0	15
16	Total Average Cost of Gas			\$ <u>0</u> \$ <u>0</u>	16
17	Total Cost of Gas at City Gate [3]	666,241	\$ 3.0639	¢ 0.041.211	17
		000,241	φ <u>3.0039</u>	\$ 2,041,311	17

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

[2] Based on February 15, 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 MARCH 2017

			F	\verage			
Line				Cost			Line
No.	Description	Dth	E	Per Dth		Amount	No.
	(a)	(b)	(c)=(d)/(b)		(d)	
1	Total City Gate Demand (Net)	562,707					1
	Gas Purchases into Mainline						
2	Projected Purchases Into NWPL [1]	145,722	\$	2.4166	\$	352,156	2
3	Projected Purchases Into Tuscarora [1]	195,300	\$	3.3017	\$	644,823	3
4	Projected Purchases Into Paiute [1]	232,423	\$	2.6230	\$	609,645	4
5	Total Projected Gas Purchases into Mainline				\$ 1	,606,624	5
	Transportation Costs						
6	NWPL Volumetric Charge [2]	143,988	\$	0.0313	\$	4,507	6
7	Paiute Volumetric Charge [3]	562,707	\$	0.0013	\$	732	7
8	Tuscarora Volumetric Charge [4]	191,980	\$	0.0013	\$	250	8
9	Total Transportation Variable Cost				\$	5,488	9
10	Total Cost at the City Gate [5]	562,707	\$	2.8649	\$ 1	,612,112	10

[1] Based on February 15, 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 1.70%.

[5] Assumes no volume is dispatched from LNG.

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

Line No.	Description	Estimated January Activity	March Surcharge	Line No.
	(a)	(b)	(c)	
1	Acct. No. 191 Ending Balance for January 2017		\$ 2,787,141	1
	Storage Activities			
2	No Storage Activity for December		0	2
3	No Storage Activity for January		Ő	3
4	Adjusted Ending Balance		\$ 2,787,141	4
5	January Rate per Therm	\$ 0.00785		5
6	February Rate per Therm	0.01893		6
7	Average Rate per Therm	\$ 0.01339		7
8	Estimated February Sales	11,708,000		8
9	Estimated February Acct. No. 191 Activity (Line 7 x Line 8)		\$ (156,770)	9
10	Estimated February Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		\$ 2,630,371	10
11	Estimated Twelve Months Sales		79,736,046	11
12	March Surcharge per Therm (Line 10 / Line 11)		\$ 0.03299	12

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

Line No.	Description	Estimated January Activity	March Surcharge	Line No.
	(a)	(b)	(c)	
1	Acct. No. 191 Ending Balance for January 2017		\$ 1,298,180	1
2 3 4	January Rate per Therm February Rate per Therm Average Rate per Therm	\$(0.01164) 0.01872 \$ 0.00354		2 3 4
5	Estimated February Sales	6,057,059		5
6	Estimated February Acct. No. 191 Activity (Line 4 x Line 5)		\$ (21,442)	6
7	Estimated February Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		\$ 1,276,738	7
8	Estimated Twelve Months Sales		44,127,857	8
9	March Surcharge per Therm (Line 7 / Line 8)		\$ 0.02893	9

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

Line No.	Description	Rate per Therm	Line No.
	(a) Southern California	(b)	<u> </u>
1	Estimated Cost of Gas [1]	\$ 0.30639	1
2	Franchise Tax @ 1.1694% [2]	\$ 0.00358	2
	Northern California and South Lake Tahoe		
3	Estimated Cost of Gas [1]	\$ 0.28649	3
4	Franchise Tax @ 1.3111% [2]	\$ 0.00376	4
	[1] Schedule I. Sheet 1	<u></u>	

Schedule I, Sheet 1.
 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 MARCH 2017

Line No.	Description	Rate	Line No.	
	(a) <u>Southern California</u>		(b)	
1	Total March Core Procurement Charge per Therm [1]	_\$	0.34491	1
2	Shrinkage Rate @ 0.7600% [2]	\$	0.00262	2
	Northern California and South Lake Tahoe			
3	Total March Core Procurement Charge per Therm [1]	_\$	0.32002	3
4	Shrinkage Rate @ 0.5600% [2]	\$	0.00179	4
	[1] Schedule I, Sheet 1.			

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