505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298

January 13, 2010



**Advice Letter 831** 

Don Soderberg, Vice-President/Pricing 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 Transportation Franchise Fee (TFF) Surcharges Applicable to Core and NonCore Customers in Southwest's California Service Areas

Dear Mr. Soderberg:

Advice Letter 831 is effective December 7, 2009.

Sincerely,

Je A. HA

Julie A. Fitch, Director Energy Division



# Southwest gas lorporation

Donald L. Soderberg, Vice President/Pricing

December 1, 2009

Attention: Julie Fitch, Director California Public Utilities Commission Energy Division 505 Van Ness Avenue, Room 4004 San Francisco, CA 94102

Subject: Southwest Gas Corporation (U 905 G) Advice Letter No. 831

Dear Ms. Fitch:

Enclosed herewith are five (5) copies of Southwest Gas Corporation's Advice Letter No. 831, together with California Gas Tariff Sheet Nos. 7012-G through 7023-G.

Sincerel Donald L. Soderberg

DLS:kt Enclosures



Southwest gas corporation

Advice Letter No. 831

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December 1, 2009

### PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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

Cal. P.U.C.	California Gas Tariff	Concoling
Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
7012-G	Statement of Rates - Effective Rates Applicable to Southern California Division Schedules	6983-G
7013-G	Statement of Rates - Effective Rates Applicable to Southern California Division Schedules	6984-G
7014-G	Statement of Rates - Effective Rates Applicable to Southern California Division Schedules	6985-G
7015-G	Statement of Rates - Effective Rates Applicable to Northern California Division Schedules	6986-G
7016-G	Statement of Rates - Effective Rates Applicable to Northern California Division Schedules	6987-G
7017-G	Statement of Rates - Effective Rates Applicable to Northern California Division Schedules	6988-G
7018-G	Statement of Rates – Effective Rates Applicable to South Lake Tahoe District Schedules	6989-G
7019-G	Statement of Rates – Effective Rates Applicable to South Lake Tahoe District Schedules	6990-G
7020-G	Schedule No. GCP – Gas Procurement For Core Customers	6991-G
7021-G	Table of Contents (Continued)	6992-G
7022-G	Table of Contents (Continued)	6993-G
7023-G	Table of Contents	7011-G

5241 Spring Mountain Road / Las Vegas, Nevada 89150-0002 P.O. Box 98510 / Las Vegas, Nevada 89193-8510 / (702) 876-7011 www.swgas.com



Advice Letter No. 831 Page 2 December 1, 2009

### **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 Commission's letter dated October 20, 2000, approving Southwest's Advice Letter No. 619; and (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*.

For core sales customers, the December 7, 2009 cost of gas, including adjustment for franchises and uncollectibles, is \$0.60179 per therm for Southwest's Southern California Division, \$0.55101 per therm for Southwest's Northern California Division and \$0.55842 per therm for Southwest's South Lake Tahoe District.

The TFF Surcharge rate is \$0.00893 per therm for Southwest's Southern California Division, \$0.00598 per therm for Southwest's Northern California Division and \$0.01188 per therm for Southwest's South Lake Tahoe District.

#### Effective Date

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

#### Protest

Anyone wishing to protest this filing may do so by sending a letter within 20 days of the filing. The protest should set forth the grounds upon which it is based and should be submitted expeditiously. There is no restriction on who may file a protest. Protests should be mailed or faxed to:

Investigation, Monitoring & Compliance Program Manager California Public Utilities Commission, Energy Division 505 Van Ness Avenue, Room 4002 San Francisco, CA 94102 Facsimile: 415-703-2200

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

Mr. John P. Hester, Senior Vice President Regulatory Affairs and Energy Resources Southwest Gas Corporation P.O. Box 98510 Las Vegas, Nevada 89193-8510 Facsimile: 702-876-7037



Advice Letter No. 831 Page 3 December 1, 2009

### <u>Notice</u>

Pursuant to Energy Industry Rule 3.1(1), Southwest is exempt from the notice requirements set forth in General Rule 4.2 in General Order 96-B since this advice letter is filed in accordance with previously authorized procedures to change gas rates based on changes in the price of gas. As noted above, Southwest was authorized in Advice Letter No. 626 to make its monthly gas cost adjustment effective between the first and seventh calendar day of each month.

#### **Service**

In accordance with General Order 96-B, General Rule 4.3, Southwest is mailing copies of this advice letter and related tariff sheets to the utilities and interested parties shown on the attached list.

Respectfully submitted,

SOUTHWEST GAS CORPORATION By Soderberg Donald L.

Attachments

### **DISTRIBUTION LIST**

1

Advice Letter No. 831

In Conformance with General Order 96-B, General Rule 4.3

Southern California Edison Company

Pacific Gas & Electric Company

Sierra Pacific Power Company

San Diego Gas & Electric Company

Southern California Gas Company

Southern California Water Company

Duane Morris, LLP

Director/Division of Ratepayer Advocates

Las Vegas, N California Ga	Vevada 89	193-8510	Cance	ling _		Revised Revised	Cal. P.U.( Cal. P.U.(	C. Sheet C. Sheet	: No. <u>7012-G</u> : No. <u>6983-G</u>
Effective Sales Rate	\$ 5.00 \$ 1.24375 1 1.40539 1	\$ 5.00 \$ 1.24375 1 1.40539 1 1.06916 1	\$ 4.00 \$ 0.95491 1 1.08423 1	\$ 6.00 \$ 1.52443 1	\$ 25.00 \$ 1.24375   1.40539	<pre>\$ 25.00 \$ 1.24375 1 1.40539 1 \$ (8.35)</pre>	8.80	\$ 0.90137 1 0.81857 1 0.74377 1 0.62059 1	\$ 0.92069 1 0.83789 1 0.76309 1 0.63991 1
Gas Cost	\$ 0.60179 0.60179	\$ 0.60179 0.60179 0.60179	\$ 0.60179 0.60179	\$ 0.60179	\$ 0.60179 0.60179	\$ 0.60179 0.60179		\$ 0.60179 0.60179 0.60179 0.60179 0.60179	\$ 0.60179 0.60179 0.60179 0.60179
Other Surcharges PUC PPP [4]	\$ 0.07274 0.07274	\$ 0.07274 0.07274 0.07274	\$ 0.01797 0.01797	\$ 0.07274	\$ 0.07274 0.07274	\$ 0.07274 0.07274		\$ 0.01797 0.01797 0.01797 0.01797 0.01797	\$ 0.01797 0.01797 0.01797 0.01797
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ES [1] [2] Subtotal Gas Usage Rate	\$ 0.56854 0.73018	<pre>\$ 0.56854 0.73018 0.39395</pre>	\$ 0.33447 0.46379	\$ 0.84922	\$ 0.56854 0.73018	\$ 0.56854 0.73018		\$ 0.28093 0.19813 0.12333 0.00015	\$ 0.30025 0.21745 0.14265 0.01947 0.01947
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EFFECTIVE RATES APPLICABLE TO SOUTHERN CALIFORNIA DIVISION SCHEDULES [1] [2]         Interstate       Balancing         Upstream Intrastate       Reservation/         Charges       Firm Access         Crarges       Variable         Storage       Variable	0.00196 \$	0.00196 \$ 0.00196 0.00196	0.00196 0.00196	0.00196 \$	0.00196 0.00196 5	0.00196 0.00196		0.00196 \$ 0.00196 0.00196 0.00196	0.00196 \$ 0.00196 0.00196 0.00196
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EFFE Southwest Margin	5.00 0.49741 0.65905	5.00 0.49741 0.65905 0.32282	4.00 0.26334 0.39266	6.00 0.78009	25.00 0.49741 0.65905	25.00 0.49741 0.65905 (8.35)	8.80	0.23032 0.14752 0.07272 (0.05046)	0.22549 0.14269 0.06789 (0.05529)
Schedule No. and Type of Charge	GS-10 — Residential Cas Service 5 Basic Service Charge 5 Cost per Therm 8 Baseline Quantities 5 Tier 11		GS-12 — CARE Residential Gas service \$ Basic Service Charge \$ Cost per Them Baseline Quantities \$ Tier II	GS-15 — Secondary Residential Gas Service 5 Basic Service Charge 5 Cost per Therm 5		GS-25 — Multi-Family Master-Metered GS Service - Submetered Basic Service - Submetered Basic Service - Submetered Cost per Therm Baseline Quantities Tier II Submeter Discount per Occupied Space Submeter Discount per Occupied Space	GS-35 — Agricultural Employee Housing and Nonprofit Group Living Facility Gas Service Basic Service Charge Cost per Them Summer Annie Control	First 100 Next 500 Next 2.400 Over 3,000	Winter (November - April) First 100 Next 5.0 Next 5.0 Next 5.00 Next 2.400 Over 3,000 Uver 3,000
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### SOUTHWEST GAS CORPORATION P.O. Box 98510

P.O. Box 98 Las Vegas, I California Ga	Nevada 89193-	-8510	Cancel	ling	Re Re	evised Cal. F evised Cal. F	P.U.C. Sheet No. P.U.C. Sheet No.	7013-G 6984-G
Effective Sales Rate	<pre>\$ 11.00 \$ 11.7682 1 1.07332 1 0.97982 1 0.62585 1</pre>	\$ 1.20097   1.09747   1.00397   0.85000	\$ 25.00 \$ 0.81504 1 0.82825 1	\$ 25.00 \$ 0.85790 1 0.88753 1	\$ 25.00 \$ 0.74982 1 0.77371 1	\$ 100.00 \$ 0.26601 0.26601		
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ccharges PPP [4]	\$ 0.07274 0.07274 0.07274 0.07274	\$ 0.07274 0.07274 0.07274 0.07274	\$ 0.07274 0.07274	\$ 0.07274 0.07274		\$ 0.07274 0.07274		
Other Surcharges CPUC PPP	\$ 0.00068 0.00068 0.00068 0.00068	\$ 0.00068 0.00068 0.00068 0.00068	\$ 0.00068 0.00068	\$ 0.00068 0.00068	\$ 0.00068 0.00068	\$ 0.00068 0.00068		
ES [1] [2] Subtotal Gas Usage Rate	\$ 0.50161 0.39811 0.30461 0.15064	\$ 0.52576 0.42226 0.32876 0.17479	\$ 0.13983 0.15304	\$ 0.18269 0.21232	\$ 0.14735 0.17124	\$ 0.19259 0.19259		
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EFFECTIVE RATES APPLICABLE TO SOUTHERN CALIFORNIA DIVISION SCHEDULES [1] [2]         Upstream intrastate       Interstate       Balancing       Subtot         Upstream intrastate       Reservation/       Account Adjustments       Subtot         Charges       Firm Access       CFCAM [3]       Gas Ust         Storage       Variable       Charge       NFCAM	<pre>\$ 0.00164 \$ 0.00164 \$ 0.00164 0.00164</pre>	\$ 0.02579 \$ 0.02579 0.02579 0.02579 0.02579	\$ 0.00050 \$ 0.01371	\$ 0.00124 \$ 0.03087	\$ 0.00154 \$ 0.02543	UA LA		
EFFI Southwest Margin	<ul> <li>\$ 11.00</li> <li>\$ 0.45100</li> <li>\$ 0.45100</li> <li>\$ 0.25400</li> <li>0.25400</li> <li>0.10003</li> </ul>	\$ 0.45100 0.34750 0.25400 0.10003	<ul> <li>\$ 25.00</li> <li>\$ 0.09399</li> <li>0.09399</li> </ul>	<ul><li>\$ 25.00</li><li>\$ 0.13611</li><li>0.13611</li></ul>	<ul> <li>\$ 25.00</li> <li>\$ 0.10047</li> <li>0.10047</li> </ul>	\$ 100.00 \$ 0.09170 0.09170		
Schedule No. and Type of Charge	<u>CS-40 - Core General Gas Service</u> Basic Service Charge Cost per Therm Summer (May - October) First 100 Next 5,00 Next 2,400 Over 3,000	Winter (November - April) First 100 Next 2,400 Over 3,000	GS-50 — Core Natural Gas Service for Motor Vehicles Basic Service Charge Cost per Therm Summer (May - October) Winter (November - April)	GS-60 — Core Internal Combustion Engine Gas Service Charge Basic Service Charge Cost per Therm Summer (May - October) Winter (November - April)	GS-66 — Core Small Electric Power Generation Gas Service Basic Service Charge Cost per Therm Summer (May - October) Winter (November - April)	GS-70 — Noncore General Gas Transportation Service Basic Service Charge Cost per Therm Summer (May - October) Winter (November - April)		
Advice Lette Decision No	er No			Issue John P. Senior Vice	Hester	Date Filed_ Effective Resolution	December December No	1,2009 7,2009

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### SOUTHWEST GAS CORPORATION P.O. Box 98510

#### Revised Cal. P.U.C. Sheet No. 7014-G Las Vegas, Nevada 89193-8510 Revised Cal. P.U.C. Sheet No. 6985-G Canceling California Gas Tariff Customers taking only transportation service will pay the Effective Sales Rate less the Interstate Reservation/Firm Access Charge and Gas Cost components of the Effective Sales Rate, plus a Transportation Service Charge of \$780 per month and an amount of \$0.00497 per therm for distribution system shrinkage. The PGA Balancing Account Adjustment is applicable to customers converting from sales service to transportation service for the greater period of either 12 months or the conclusion of the amortization period upon which the Balancing Account Adjustment was developed. The volume charge for customer-secured natural gas transportation will also be subject to the TFF Surcharge, if applicable. The TFF Surcharge shall be the product of the customer-secured volumes transported, multiplied by the monthly projected cost of gas, excluding franchise fees and uncollectibles, multiplied by the most current authorized franchise fee factor. The PPP Surcharge applies to all gas sales and transportation service excluding exempt customers as defined in Rate Schedule No. G-PPPS. The PPP Surcharge includes <\$0.03459> per therm to amortize the CARE Balancing Account. This amount is not related to current program year expenses. 1.12823 1.02473 0.93123 0.77726 Effective Sales Rate 1.10408 1.00058 0.90708 0.75311 \$ 0.00893 \$ 0.21000 11.00 780.00 ÷ ი ი G For the purpose of administering the tariff provisions of Rule No. 22, Transportation of Customer-Secured Natural Gas, the otherwise applicable Procurement Charge is equal to the monthly projected cost of gas. 0.60179 0.60179 0.60179 0.60179 0.60179 0.60179 0.60179 0.60179 0.60179 Gas ÷ ÷ The CFCAM surcharge includes an amount of \$.01349 per therm related to the difference between Southwest's authorized core margin and recorded revenues intended to recover these costs. E Other Surcharges 0.00068 0.00068 0.00068 0.00068 0.00068 0.00068 0.00068 0.00068 CPUC (A) w 0.50161 0.39811 0.30461 0.15064 0.52576 0.42226 0.32876 0.17479 Gas Usage Subtotal Rate EFFECTIVE RATES APPLICABLE TO SOUTHERN CALIFORNIA DIVISION SCHEDULES [1] [2] G ÷ (0.01659) (0.01659) (0.01659) (0.01659) (0.01659) (0.01659) (0.01659) (0.01659) (0.01659) ITCAM Account Adjustments CFCAM [3] NFCAM ITCAM Balancing ø Ś 0.00196 0.00196 0.00196 0.00196 0.00196 0.00196 0.00196 0.00196 0.00196 ы Interstate Reservation/ Firm.Access Charge 0.03637 0.03637 0.03637 0.03637 0.03637 0.03637 0.03637 0.03637 w цэ 0.02723 0.02723 0.02723 0.02723 0.02723 0.02723 0.02723 0.02723 Charges Variable Upstream Intrastate ÷ ÷ Storage 0.00164 0.00164 0.00164 0.00164 0.02579 0.02579 0.02579 0.02579 ÷ ю 0.45100 0.34750 0.25400 0.10003 0.45100 0.34750 0.25400 0.10003 Southwest 11.00 780.00 Margin w <del>ю</del> и ø MHPS Surcharge per Space per Month Sale for Resale Natural Gas Service Master-Metered Mobile Home Park Basic Service Charge Transportation Service Charge Cost per Therm Summer (May - October) First 100 Next 500 Next 2400 Over 3,000 Winter (November - April) First 100 Next 500 Next 500 Over 3,000 Over 3,000 Transportation Franchise Fee Safety Inspection Provision Surcharge Provision TFF Surcharge per Therm Schedule No. and Type of Charge ۱ GSR -1 MHPS TFF E 2 5 7 Date Filed December 1, 2009 Issued by

Advice Letter No. 831 Decision No. John P. Hester Senior Vice President Date Filed December 1, 2009 Effective December 7, 2009 Resolution No.

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		e	GN-10 Residential Gas Service Basic Service Charge	Cost per Therm Baseline Quantities Tier II	GN-12 — CARE Residential Gas Service	Basic Service Charge Cost per Therm Baseline Quantities	Tier II	GN-15 — Secondary Residential Gas Service Basic Service Charge Cost per Therm	GN-20 — Multi-Family Master-Metered Gas Service	Basic Service Charge	Cost per Inerm Baseline Quantities Tier II	GN-25 — Multi-Family Master-Metered Gas Service - Submetered	Basic Service Charge	Cost per merm Baseline Quantities Tier II	Submeter Discount per Occupied Space	GN-35 — Agricultural Employee Housing and Nonprofit Group Living Facility Gas Service	Basic Service Charge Cost per Therm	First 100 Next 500 Next 2,400 Over 3,000	Winter (October - May) First 100 Next 500	Next 2,400 Over 3,000			
	Advice Letter No831 Decision No								lss Iohn ior V	Ρ.		ter	ent	Effe	e Filed ctive olution N	Ľ	Decembo Decembo	<u>er 1</u> er 7	, 2009 , 2009	}			

	ega	s, I		89193- f	8510	Са	inceli	ng			Rev Rev	<u>vised</u> vised	Cal. P.U Cal. P.U	.C. Sheet No. .C. Sheet No.	7016-0 6987-0
	Effective	Sales Rate	\$ 11.00	<ul> <li>\$ 1.08564 R</li> <li>0.98964 R</li> <li>0.89664 R</li> <li>0.77479 R</li> </ul>	\$ 1.10809 R 1.01209 R 0.91909 R 0.79724 R	\$ 25.00	\$ 0.70897 R 0.73671 R	\$ 25.00	\$ 0.89246 R 0.91747 R	\$ 25.00	\$ 0.71514 R 0.73759 R	\$ 100.00	\$ 0.14446 0.14446		
	Gas	Cost		\$ 0.55101 0.55101 0.55101 0.55101	\$ 0.55101 0.55101 0.55101 0.55101		\$ 0.55101 0.55101		\$ 0.55101 0.55101		\$ 0.55101 0.55101				
	saɓı	PPP [6]		0.02463 0.02463 0.02463 0.02463	0.02463 0.02463 0.02463 0.02463 0.02463		0.02463 0.02463		0.02463				0.02463 0.02463		
[3] [4]	Other Surcharges	SPUC		0.00068 \$ 0.00068 0.00068 0.00068 0.00068	0.00068 0.00068 0.00068 0.00068		0.00068 \$ 0.00068		0.00068 \$ 0.00068		0.00068 0.00068		0.00068 \$ 0.00068		
[2] [1] S				69	¢		(A)		\$		ŝ		ф		
N SCHEDULE	Subtotal Gas Usage	Rate		\$ 0.50932 0.41332 0.32032 0.19847	\$ 0.53177 0.43577 0.34277 0.22092		\$ 0.13265 0.16039		\$ 0.31614 0.34115		\$ 0.16345 0.18590		\$ 0.11915 0.11915		
STATEMENT OF RATES TES APPLICABLE TO NORTHERN CALIFORNIA DIVISION SCHEDULES [1] [2] [3] [4]	Balancing Acct. Adjustment	CFCAM [5]		(0.09359) (0.09359) (0.09359) (0.09359)	(0.09359) (0.09359) (0.09359) (0.09359)		(0.09359) (0.09359)		(0.09359) (0.09359)		(0.09359) (0.09359)				
ENT OF	Ba			<del>0</del> 000	ស លលលល		04 8		0 <del>1</del>		5 0				
STATEM NORTHE	tate	Storage		0.00000 0.00000 0.00000 0.00000	0.02245 0.02245 0.02245 0.02245 0.02245		0.00000 0.02774		0.00000 0.02501		0.00000 0.02245				
BLE TO	Upstream Interstate Charges			Ф	69		67		63		භ				
TES APPLICA	Upstre	Reservation		\$ 0.17291 0.17291 0.17291 0.17291	\$ 0.17291 0.17291 0.17291 0.17291		\$ 0.15860 0.15860		\$ 0.15860 0.15860		\$ 0.17291 0.17291				
EFFECTIVE RA	west	uig	11.00	0.43000 0.33400 0.24100 0.11915	0.43000 0.33400 0.24100 0.11915	25.00	0.06764 0.06764	25.00	0.25113 0.25113	25.00	0.08413 0.08413	100.00	0.11915 0.11915		
EFFEC	Southwest	Margin	\$ 5	\$	\$ 6 6 6 6 6 6 6 6 6 7 6 7 6 7 6 7 6 7	\$ 25	\$ 0.0	\$ 52 	\$	\$ 55	\$ 0.0	\$	<u>с</u> с Ф		
		Schedule No. and Type of Charge	GN-40 — Core General Gas Service Basic Service Charge Cost per Therm	Summer Jone - September J First 100 Next 500 Next 2,400 Over 3,000	Winter (October - May) First 100 Next 500 Next 2,400 Over 3,000	GN-50 — Core Natural Gas Service for Motor Vehicles Basic Service Charge	Cost per Therm Summer (June - September) Winter (October - May)	GN-60 — Core Internal Combustion Engine Gas Service Basic Service Charge	Cost per Therm Summer (May - October) Winter (November - April)	GN-66 — Core Small Electric Power Generation Gas Service Basic Service Charge	Cost per Therm Summer (June - September) Winter (October - May)	GN-70 — Noncore General Gas Transportation Service Basic Service Charge	Cost per Therm Summer (June - September) Winter (October - May)		
Advia		ette	ər No					Joh	ssued in P. H Vice I	by lester Preside	ent	Date Effec Reso		December December	1,2009 7,2009

SOUTHWEST GAS CORPORATION P.O. Box 98510

Revised Cal. P.U.C. Sheet No. 7017-G Las Vegas, Nevada 89193-8510 Cal. P.U.C. Sheet No. 6988-G Revised California Gas Tariff Canceling œ Charge of \$780 per month and an amount of \$0.00439 per therm for distribution system shrinkage. The PGA Balancing Account Adjustment is applicable to customers converting from sales service to transportation service for the greater period of either 12 months or the conclusion of the amortization period upon which the Balancing Account Adjustment was developed. The volume charge for customers exervice to transportation will also be subject to the TFF Surcharge. The TFF Surcharge shall be the product of the customer-secured volumes transported, multiplied by the monthly projected cost of gas, excluding franchise fees and uncollectibles, multiplied by the most current authorized franchise fee factor. The PPP Surcharge applies to all gas sales and transportation service excluding exempt customers as defined in Rate Schedule No. G-PPPS. The PPP Surcharge includes <\$.00265> per therm to amortize the CARE Balancing Account. This amount is not related to current program year expenses. Effective Sales Rate, plus a Transportation Service For the purpose of administering the tariff provisions of Rule No. 22. Transportation of Customer-Secured Natural Gas, the otherwise applicable Procurement Charge is equal to the monthly projected cost In addition to the Effective Sales Rate, a Facilities Surcharge per therm applies to all natural gas volumes delivered in the Utility's Northern California Expansion Areas pursuant to the provisions of Section 16 of the Preliminary Statements of this California Gas Tariff. Effective Sales Rate 0.00598 0.21000 The CFCAM surcharge includes an amount of <\$.05090> per therm related to the difference between Southwest's authorized core margin and recorded revenues intended to recover these costs. ю 14 Gas Cost 6 Other Surcharges A Franchise Fee differential of 2.5% will be applied to monthly billings calculated for all rate schedules for all customers within the limits of the Town of Truckee. the components of STATEMENT OF RATES EFFECTIVE RATES APPLICABLE TO NORTHERN CALIFORNIA DIVISION SCHEDULES [1] [2] [3] [4] Subtotal Gas Usage Rate Customers taking only transportation service will pay the Effective Sales Rate less the Interstate Reservation Charge and Gas Cost Balancing Acct. Adjustment CFCAM [5] Storage Upstream Interstate Charges Reservation Southwest Margin MHPS Surcharge per Space per Month Master-Metered Mobile Home Park Transportation Franchise Fee Safety Inspection Provision Surcharge Provision TFF Surcharge per Therm Schedule No. and Type of Charge of gas. 1 MHPS TFF [5] [6] Ξ 2 3 December 1, 2009 Date Filed Issued by December 7, 2009 Advice Letter No. 831 John P. Hester Effective Senior Vice President Resolution No. Decision No.

.O. Box 98 as Vegas, alifornia 6	Nevada 8	9193-851	0	Cance	ling		Revise Revise	d Cal. P.L d Cal. P.L	J.C. Sheet No. J.C. Sheet No.	7018-0 6989-0
Effective Sales Rate	\$ 5.00 \$ 0.87881 R 0.97977 R	\$ 4.00 \$ 0.70145 R 0.78222 R	\$ 6.00 \$ 0.95394 R	\$ 11.00 \$ 0.87881 R 0.97977 R	\$ 11.00 \$ 0.87881 R 0.97977 R \$ (5.65)	\$ 8.80	\$ 0.70935 R 0.69735 R 0.68535 R 0.66619 R	\$ 0.72755 R 0.71555 R 0.70355 R 0.68439 R		
Gas Cost	\$ 0.55842 0.55842	\$ 0.55842 0.55842	\$ 0.55842	\$ 0.55842 0.55842	\$ 0.55842 0.55842		\$ 0.55842 0.55842 0.55842 0.55842 0.55842	\$ 0.55842 0.55842 0.55842 0.55842 0.55842		
PPP [4]	\$ 0.02463 0.02463	\$ 0.01797 0.01797	\$ 0.02463	\$ 0.02463 0.02463	\$ 0.02463 0.02463		\$ 0.01797 0.01797 0.01797 0.01797	\$ 0.01797 0.01797 0.01797 0.01797 0.01797		
[2] CPUC	\$ 0.00068 0.00068	\$ 0.00068 0.00068	\$ 0.00068	\$ 0.00068 0.00068	\$ 0.00068 0.00068		\$ 0.00068 0.00068 0.00068 0.00068 0.00068	\$ 0.00068 0.00068 0.00068 0.00068		
<u>SCHEDULES</u> [1] Subtotal Gas Usage Rate	\$ 0.29508 0.39604	\$ 0.12438 0.20515	\$ 0.37021	\$ 0.29508 0.39604	\$ 0.29508 0.39604		\$ 0.13228 0.12028 0.10228 0.10828 0.08912	<ul> <li>0.15048</li> <li>0.13848</li> <li>0.12648</li> <li>0.10732</li> </ul>		
STATEMENT OF RATES E RATES APPLICABLE TO SOUTH LAKE TAHOE DISTRICT SCHEDULES [1] [2] Upstream Interstate vest Charges Gas Usage in Reservation Storage CFCAM [3] Rate -	\$ (0.04327) (0.04327)	\$ (0.04327) (0.04327)	\$ (0.04327)	\$ (0.04327) (0.04327)	\$ (0.04327) (0.04327)		\$ (0.04327) (0.04327) (0.04327) (0.04327)	\$ (0.04327) (0.04327) (0.04327) (0.04327)		
TEMENT OF RAT SOUTH LAKE T/ iterstate storage	\$ 0.02144 0.02144	\$ 0.02144 0.02144	\$ 0.02161	\$ 0.02144 0.02144	\$ 0.02144 0.02144			\$ 0.02275 0.02275 0.02275 0.02275		
STATEMEN APPLICABLE TO SOUTH Upstream Interstate Charges Reservation Stora	\$ 0.18132 0.18132	\$ 0.18132 0.18132	\$ 0.18275	\$ 0.18132 0.18132	\$ 0.18132 0.18132		\$ 0.17523 0.17523 0.17523 0.17523	\$ 0.17523 0.17523 0.17523 0.17523		
EFFECTIVE RATES Southwest Margin	\$ 5.00 \$ 0.13559 0.23655	\$ 4.00 \$ (0.03511) 0.04566	\$ 6.00 \$ 0.20912	\$ 11.00 \$ 0.13559 0.23655	\$ 11.00 \$ 0.13559 \$ 0.23655 \$ (5.65)	\$ 8.80	\$ 0.00032 (0.01168) (0.02368) (0.04284)	\$ (0.00423) (0.01623) (0.02823) (0.04739)		
EF Schedule No. and Type of Charge	SL T-10 — Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Tter II	SLT-12 — CARE Residential Gas Service Basic Service Charge Cost per Therm Baseline Quantities Ther II	SLT-15 — Secondary Residential Gas Service Basic Service Charge Cost per Therm	SLT-20 — Multi-Family Master Metered Gas Service Basic Service Charge per Month per Dwelling Cost per Therm Baseline Quantities Ther II	SLT-25 — Multi-Family Master Metered Gas Service - Submetered Basic Service Charge per Month per Dwelling Cost per Therm Baseline Quantities Tier II Submeter Discount per Occupied Space	SLT-35 — Agricultural Employee Housing and Nonprofit Group Living Facility Gas Service Basic Service Charge	Cost Printerin Summer 1st 100 Next 500 Next 2,400 Cver 3,000	Vinter 1 100 Next 5100 Next 2,400 Over 3,000		
	iter No		31		Issued John P. H Senior Vice F	lester	Effe	te Filed ective solution No	December December	

Las \	Box 98 /egas, ornia G	Neva	da 8919 riff	3-8510		Ca	ncelir					Rev Rev	<u>ised</u> ised	Cal. P.L Cal. P.L	J.C. Sheet J.C. Sheet	No No	7019-G 6990-G
	Effective Sales Rate	\$ 11.00	\$ 0.88869 R 0.87369 R 0.85869 R 0.83473 R	\$ 0.91144 R 0.89644 R 0.88144 R 0.85748 R	\$ 11.00	\$ 0.82745 R 0.85556 R	\$ 11.00	\$ 0.84512 R 0.87046 R	\$ 11.00	\$ 0.77519 R 0.79794 R	\$ 100.00	\$ 0.14435 0.14435	\$ 0.01188 R	\$ 0.21000	rvice Charge of service for the tition service will g franchise fees	כטאו טו אפש.	to amortize the
	Gas Cost		\$ 0.55842 0.55842 0.55842 0.55842	\$ 0.55842 0.55842 0.55842 0.55842 0.55842		\$ 0.55842 0.55842		\$ 0.55842 0.55842		\$ 0.55842 0.55842					Transportation Se e to transportation ural gas transporta st of gas excluding	שומות אות	00265> per therm
	PPP [4]		\$ 0.02463 0.02463 0.02463 0.02463 0.02463	\$ 0.02463 0.02463 0.02463 0.02463 0.02463		\$ 0.02463 0.02463		\$ 0.02463 0.02463				\$ 0.02463 0.02463			ales Rate, plus a om sales servic mer-secured nat thy projected co	e is equal to the ar these costs.	rge includes <\$.
7	CPUC		\$ 0.00068 0.00068 0.00068 0.00068	\$ 0.00068 0.00068 0.00068 0.00068 0.00068		\$ 0.00068 0.00068		\$ 0.00068 0.00068		\$ 0.00068 0.00068		\$ 0.00068 0.00068			of the Effective Sates converting frames converting frames of the custon plied by the mont	Imounts to recove	The PPP Surcha
CHEDULES [1] [2]	Subtotal Gas Usage Rate		<ul> <li>\$ 0.30496</li> <li>0.28996</li> <li>0.27496</li> <li>0.25100</li> </ul>	\$ 0.32771 0.31271 0.29771 0.27375		\$ 0.24372 0.27183		\$ 0.26139 0.28673		\$ 0.21609 0.23884		\$ 0.11904 0.11904			ost components o plicable to custor oped. The volume transported, multi	dise application gin and recorded a	e No. PPPS-292.
TES AHOE DISTRICT S	CFCAM [3]		\$ (0.04327) (0.04327) (0.04327) (0.04327)	<pre>\$ (0.04327) (0.04327) (0.04327) (0.04327)</pre>		\$ (0.04327) (0.04327)		\$ (0.04327) (0.04327)		\$ (0.04327) (0.04327)					Charge and Gas C tit Adjustment is ap ustment was devel -secured volumes	24. I ransportation of Customer-secured natural cas, the otherwise applicable Procurement Charge is equal to the monthly projected cost of gas. In related to the difference between Southwest's authorized margin and recorded amounts to recover these costs.	excluding exempt customers as defined in Rate Schedule No. PPPS-292. The PPP Surcharge includes <\$.00265> per therm to amortize the 1 year expenses.
STATEMENT OF RATES E TO SOUTH LAKE TAHC	nterstate ges Storage		\$ 0.00000 0.00000 0.00000	\$ 0.02275 0.02275 0.02275 0.02275		\$ 0.00000 0.02811		\$ 0.00000 0.02534		\$ 0.00000 0.02275					state Reservation Balancing Accourt ancing Accourt Adj ict of the customer	between Southwes	ustomers as defin
ST, S APPLICABLE TO	Upstream Interstate Charges Reservation Stora		\$ 0.17523 0.17523 0.17523 0.17523 0.17523	\$ 0.17523 0.17523 0.17523 0.17523		\$ 0.16073 0.16073		\$ 0.16073 0.16073		\$ 0.17523 0.17523					Rate less the Inter inkage. The PGA son which the Bala shall be the produ factor.	איטיט ווי הטודשוטאט to the difference	ccluding exempt c rear expenses.
STATEMENT OF RATES EFFECTIVE RATES APPLICABLE TO SOUTH LAKE TAHOE DISTRICT SCHEDULES.	Southwest Margin	\$ 11.00	\$ 0.17300 0.15800 0.14300 0.11904	\$ 0.17300 0.15800 0.14300 0.11904	\$ 11.00	\$ 0.12626 0.12626	\$ 11.00	\$ 0.14393 0.14393	\$ 11.00	\$ 0.08413 0.08413	\$ 100.00	\$ 0.11904 0.11904			The Effective Sales libution system shr ribution system shr nortization period up ne TFF Surcharge rized franchise fee	Nule No. 22, 114110 O per therm related	portation service ex current program y
	Schedule No. and Type of Charge	SLT-40 — Core General Gas Service Basic Service Charge Cost per Therm	Summer 1st 100 Next 500 Over 3,000 Over 3,000	Winter 151 100 Next 500 Next 2,400 Over 3,000	SLT-50 — Core Natural Gas Service for Motor Vehicles Basic Service Charge	ous per inerin Summer Winter	SLT-60 — Corre Internal Combustion Engine Gas Service Basic Service Charge	Cost per Therm Summer Winter	SLT-66 — Core Small Electric Generation Gas Service Basic Service Charge	Cost per 1 herm Summer Winter	SLT-70 — Noncore General Gas Transportation Service Basic Service Charge	Cost per Therm Summer Winter	TFF — Transportation Franchise Fee Surcharge Provision TFF Surcharge per Therm	MHPS — Master-Metered Mobile Home Park Safety Inspection Provision MHPS Surcharge per Space per Month		[2] For the purpose or administering the taint provisions or fulle No. 22, i transportation or customer-secured varual das, the otherwise applicable Productment Criarge is equal to u [3] The CFCAM surcharge includes an amount of \$0,00000 per therm related to the difference between Southwest's authorized margin and recorded amounts to recover these costs.	[4] The PPP Surcharge applies to all gas sales and transportation service excluding exem CARE Balancing Account. This amount is not related to current program year expenses
	ice Let ision N		)	831				Jc Senic	hn P		ster	nt	Date I Effect Resol	Filed ive ution No	Decem Decem		<u>1, 2009</u> 7, 2009

Schedule No. GCP

### GAS PROCUREMENT FOR CORE CUSTOMERS

### APPLICABILITY

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

### **TERRITORY**

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

### RATES

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

Issued by

John P. Hester

Senior Vice President

### Procurement Charges:

Advice Letter No.\_\_\_\_

Decision No.

831

Southern California

Cost of Gas F&U	\$ .59111 01068
Total	\$ .60179
Northern California	
Cost of Gas	\$.54507
F&U	.00594
Total	\$.55101
South Lake Tahoe	
Cost of Gas	\$.54507
F&U	.01335
Total	\$ .55842

Date Filed	December 1, 2009
Effective	December 7, 2009
Resolution No.	

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Las Vegas, Nevada 89193-8510 California Gas Tariff	Canceling		Cal. P.U.C. Sheet I Cal. P.U.C. Sheet I		
			(She	et 3 of 12)	]
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Statement of Rates – Effective					
Southern California D				7012-G	Т
Statement of Rates – Effective Southern California D		ontinued)		7013-G	Т
Statement of Rates – Effective	•	Jillindedj		1013-0	1
Southern California D		ontinued)		7014-G	Т
Statement of Rates – Effective	• •				
Northern California Di				7015-G	T
Statement of Rates – Effective Northern California Di	• •	ntinued)		7016-G	Т
Statement of Rates – Effective	•	minueuj		1010-0	'
Northern California Di		ontinued)		7017-G	Т
Statement of Rates – Effective					
South Lake Tahoe Di				7018-G	T
Statement of Rates – Effective South Lake Tahoe Dis				7019-G	T
Statement of Rates – Other St	•	linacaj		5605-G	1
	-				
GS-10/GN-10/SLT-10 Reside GS-10/GN-10/SLT-10 Reside		ontinued)		6768-G 6769-G	
	·	ominacaj			
GS-11 Residential Air-Condi				6770-G*	
GS-11 Residential Air-Condi	tioning Gas Service (	Continuea)		6771-G	
GS-12/GN-12/SLT-12 CARE				6772-G	
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GS-20/GN-20/SLT-20 Multi-F	amily Master-Metere	d Gas Servic	e	6777-G	
	amily Master-Metere			6918-G	
CO DE CON DE COLT DE MUIH	- 	d Cap Samia	, ,		
GS-25/GN-25/SLT-25 Multi-f	<sup>=</sup> amily Master-Metere Submetered	a Gas Servic		6779-G	
GS-25/GN-25/SLT-25 Multi-F	amily Master-Metere	ed Gas Servic			
	Submetered (Contin			6919-G	
GS-25/GN-25/SLT-25 Multi-I	Family Master-Metere				
	Submetered (Contin	ued)		6781-G	

		Issued by	Date Filed	December 1, 2009
Advice Letter No.	831	John P. Hester	Effective	December 7, 2009
Decision No		Senior Vice President	Resolution No	)

P.O. Box 9851 Las Vegas, Ne California Gas	vada 89193-8510	Canceling	Revised Revised	Cal. P.U.C. Cal. P.U.C.		
		TABLE OF CO (Continu			(Sheet 5	
RATE SCI	HEDULE NO. AND/	OR TITLE			CAL. I <u>SHEE</u>	<sup>U.C.</sup>
GS-70/GN GS-70/GN GS-70/GN GS-70/GN	-70/SLT-70 — For	m of Service Agro m of Service Agro m of Service Agro m of Service Agro	eement <i>(Continue</i>	ed) ed) ed)	680 587 680 587	0-G 1-G 2-G 2-G 4-G 3-G
GSR GSR GSR	Sale for Resale Na Sale for Resale Na Sale for Resale Na	atural Gas Servic	e (Continued)		634	-1-G -2-G -3-G
G-PPPS G-PPPS	Surcharge to Fund Surcharge to Fund	•	0	nued)		0-G 6-G <i>-</i> A
GCP GCP	Gas Procurement Gas Procurement					20-G 3-G
GN-T GN-T GN-T GN-T GN-T	Transportation of ( Transportation of ( Transportation of ( Transportation of ( Transportation of (	Customer-Secure Customer-Secure Customer-Secure	ed Natural Gas <i>(C</i> ed Natural Gas <i>(C</i> ed Natural Gas <i>(C</i>	continued) continued)	680 451 451	95-G* 96-G 6-G 7-G 8-G
GN-T/Larg GN-T/Larg GN-T/Larg GN-T/Larg GN-T/Larg GN-T/Larg GN-T/Larg	je Core — Form of S je Core — Form of S	Service Agreeme Service Agreeme Service Agreeme Service Agreeme Service Agreeme Service Agreeme Service Agreeme	nt (Continued) nt (Continued) nt (Continued) nt (Continued) nt (Continued) nt (Continued) nt (Continued)		405 405 406 406 406 406	6-G 7-G 8-G 9-G 0-G 1-G 2-G 3-G
GN-T/Cord GN-T/Cord GN-T/Cord GN-T/Cord GN-T/Cord	e Aggregation — Fo e Aggregation — Fo	rm of Service Ag rm of Service Ag rm of Service Ag rm of Service Ag rm of Service Ag	reement (Continu reement (Continu reement (Continu reement (Continu reement (Continu	ved) ved) ved) ved)	452 452 452 452 452	9-G 20-G 21-G 22-G 23-G 24-G
MHPS	Master-Metered N List of Contracts a		Safety Inspection	n Provisior		)7-G )8-G

		Issued by	Date Filed	December 1, 2009
Advice Letter No	831	John P. Hester	Effective	December 7, 2009
Decision No		Senior Vice President	Resolution No	)

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### (Sheet 1 of 12)

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Canceling

The following listed sheets contain all the effective rates and rules affecting rates and service and information relating thereto in effect on and after the date indicated thereon.

TITLE	CAL. P.U.C. <u>SHEET_NO.</u>
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Preliminary Statements Preliminary Statements (Continued) Preliminary Statements (Continued)	6734-G 6735-G 6736-G 5780-G 6737-G 6738-G 6739-G 6740-G 6740-G 6741-G 4221-G 6742-G 6742-G 6858-G 6858-G 6859-G 5368-G 5368-G 5370-G 5371-G 6217-G-A 6744-G 6745-G 6746-G 6747-G 6748-G 6749-G

Advice Letter No. 831

Issued by John P. Hester Senior Vice President Date FiledDecember 1, 2009EffectiveDecember 7, 2009Resolution No.

#### SOUTHWEST GAS CORPORATION CALCULATION OF MONTHLY CORE PROCUREMENT CHARGES FOR THE MONTH OF DECEMBER 2009

Line No.	Description (a)	Amount (b)	Line No.
1 2 3	<u>Southern California</u> Projected Cost of Gas [1] Monthly Account No. 191 Surcharge [2] Subtotal	\$ 0.61170 (0.02059) \$ 0.59111	1 2 3
4	Franchise & Uncollectibles @ 1.8067% [3]	0.01068	4
5	Total December Core Procurement Charge	\$ 0.60179	5
	t.		
6 7 8 9 10	Northern California Projected Cost of Gas [4] Monthly Account No. 191 Surcharge [5] Subtotal Franchise & Uncollectibles @ 1.0906% [3] Total December Core Procurement Charge	\$ 0.57982 (0.03475) \$ 0.54507 0.00594 \$ 0.55101	6 7 8 9
			:
11 12 13	<u>South Lake Tahoe</u> Projected Cost of Gas [4] Monthly Account No. 191 Surcharge [5] Subtotal	\$ 0.57982 (0.03475) \$ 0.54507	11 12 13
14	Franchise & Uncollectibles @ 2.4488% [3]	0.01335	14
15	Total December Core Procurement Charge	\$ 0.55842	= 15

[1] Schedule I, Sheet 2.

[2] Schedule I, Sheet 4.

[3] Order Approving Southwest Application 07-12-022 (D.08-11-048).

[4] Schedule I, Sheet 3.

[5] Schedule I, Sheet 5.

#### SOUTHWEST GAS CORPORATION SOUTHERN CALIFORNIA CALCULATION OF PROJECTED MONTHLY GAS COST FOR THE MONTH OF DECEMBER 2009

Line No.	Description (a)	Dth(b)	Average Cost Per Unit (c)		Dth Per Unit Amount			Line No.	
1 2 3	<u>City Gate Demand and Storage Injections</u> Total City Gate Demand Projected Imbalance for Storage Injection Total Demand and Storage Injections	1,400,590  1,400,590					1 2 3		
4 5 7 8 9	<u>Southern California Gas Purchases into El Paso Mainline</u> Term Purchases First of Month Purchases Spot Purchases In Kind Fuel El Paso Variable Transmission El Paso Basin Gas Delivered To California Border	313,100 - (8,704) 304,396	\$\$ \$\$ \$\$	[1] 5.6370 - - 0.0249	\$	1,764,954 - - 7,579 1,772,533	4 5 7 8 9		
10 11 12 13 14 15	<u>Southern California Basin Gas Purchases into Transwestern</u> Term Purchases First of Month Purchases Spot Purchases In Kind Fuel Transwestern Variable Transmission Transwestern Basin Gas Delivered To California Border	155,000 139,500 - (7,215) 287,285	\$ \$ \$	[1] 8.4108 4.2760 - 0.0130	\$	1,303,674 596,502 - 3,735 1,903,911	10 11 12 13 14 15		
16 17 18 19	<u>Southern California Border Gas Purchases</u> Term Purchases First of Month Purchases Spot Purchases Total Border Gas Purchases	- - -	\$ <del>\$</del>	[1] - - -	\$	- - -	16 17 18 19		
20 21 22	<u>Storage Withdrawals</u> Projected Volume O&M Withdrawal Variable Charge Total Average Cost of Gas	808,909 808,909	\$ \$	6.0287 0.0177	\$	4,876,672 14,318 4,890,990	20 21 22		
23	Total Cost of Gas at the City Gate	1,400,590	\$	6.1170	\$	8,567,434	23		

[1] Based on November 24, 2009 first of the month forwards.

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#### SOUTHWEST GAS CORPORATION NORTHERN CALIFORNIA INCLUDING SOUTH LAKE TAHOE DISTRICT CALCULATION OF PROJECTED MONTHLY GAS COST FOR THE MONTH OF DECEMBER 2009

Line No.	Description(a)	Dth (b)		rage Cost Per Unit (c)	. <u></u>	Amount (d)	Line <u>No.</u>
1	Total City Gate Demand (Dth-Net)	642,289					1
2	Designed Durchages Into NIA/DI	000 071	¢	[1]	\$	1 720 000	2
2	Projected Purchases Into NWPL	238,271	\$	7.2564	φ	1,729,000	2
3	Projected Purchases Into Tuscarora	232,000	\$	4.7026		1,091,000	3
4	Projected Purchases Into Paiute	186,000	\$	4.8118		895,000	4
5	Total Projected Gas Purchases into Mainline				\$	3,715,000	5
	Transportation Cost						
6	NWPL Volumetric Charge [2]	234,435	\$	0.0319	\$	7,478	6
7	Paiute Volumetric Charge [3]	642,289	\$	0.0019		1,220	7
8	Tuscarora Volumetric Charge [4]	231.304	\$	0.0019		439	8
9	Total Transportation Variable Cost	201,001	Ψ	0.0010	\$	9,138	9
10	Total Cost at the City Gate (Excluding LNG and Pipeline Fixed Charges)	642,289	\$	5.7982	\$	3,724,138	10

[1] Based on November 24, 2009 first of the month forwards.

[2] NWPL fuel at 1.61%.

[3] Paiute fuel at 1.45%.

[4] Tuscarora fuel at 0.30%.

### SOUTHWEST GAS CORPORATION SOUTHERN CALIFORNIA CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENTS FOR THE MONTH OF DECEMBER 2009

Line No.	Description	Estimated November Activity			December Surcharge	Line No.
	(a)		(b)		(c)	
1 2 3 4	Acct. No. 191 Ending Balance for October 2009 September Imbalance traded into Storage October Imbalance traded out of Storage Adjusted Ending Balance			\$	(1,595,007) (321,675) <u>12,892</u> (1,903,790)	1 2 3 4
5 6 7	October Rate November Rate Average Rate	\$	(0.02565) (0.02353) (0.02459)			5 6 7
8	Estimated November Sales		5,821,363			8
9	Estimated November Acct. No. 191 Activity (Line 7 x Line 8)			\$	143,147	9
10	Estimated November Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity			\$	(1,760,642)	10
11	Twelve Months Projected Sales				85,492,510	11
12	December Surcharge (Line 10 / Line 11)			\$	(0.02059)	12

### SOUTHWEST GAS CORPORATION NORTHERN CALIFORNIA INCLUDING SOUTH LAKE TAHOE DISTRICT CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENT FOR THE MONTH OF DECEMBER 2009

		E	Estimated			
Line	November				December	Line
No.	Description	Activity			Surcharge	No.
	(a)		(b)		(c)	-
1	Acct. No. 191 Ending Balance for October 200	9		\$	(1,600,650)	1
2	October Rate	\$	(0.03689)			2
3	November Rate		(0.03925)			3
4	Average Rate	\$	(0.03807)			4
5	Estimated November Sales		3,428,592			5
6	Estimated November Acct. No. 191 Activity (Line 4 x Line 5)			\$	130,526	6
7	Estimated November Acct. No. 191 Ending Ba	alanc	e	\$	(1,470,124)	7
8	Twelve Months Projected Sales				42,303,549	8
9	December Surcharge (Line 7 / Line 8)			\$	(0.03475)	9

#### SOUTHWEST GAS CORPORATION CALCULATION OF TRANSPORTATION FRANCHISE FEE (TFF) SURCHARGE FOR THE MONTH OF DECEMBER 2009

Line				Line
No.	Description		No.	
	(a)		(b)	
	Southern California			
1	Estimated Cost of Gas [1]	\$	0.61170	1
2	Franchise Tax @ 1.4595% [2]		0.00893	2
	Northern California			
3	Estimated Cost of Gas [1]	\$	0.57982	3
4	Franchise Tax @ 1.0306% [2]	\$	0.00598	4
	South Lake Tahoe			
5	Estimated Cost of Gas [1]	\$	0.57982	5
6	Franchise Tax @ 2.0490% [2]	\$	0.01188	6

[1] Schedule I, Sheet 1.

[2] Order Approving Southwest Application 07-12-022 (D.08-11-048).