

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 24, 2019

Advice Letter 1110-G

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

SUBJECT: To Update Procurement Charges Applicable to Schedule No. GCP for Core Customers and Transportation Franchise Fee (TFF) and Transportation Distribution Shrinkage (TDS) Surcharges Applicable to Core and Noncore Customers in SWG Service Areas.

Dear Mr. Brown:

Advice Letter 1110-G is effective as of October 1, 2019.

Sincerely,

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

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division



SOUTHWEST GAS CORPORATION

September 30, 2019

Advice 1110-G

(U 905 G)

Public Utilities Commission of the State of California

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

Southwest Gas Corporation (Southwest Gas) hereby submits for approval by the California Public Utilities Commission (Commission) revisions to its California Gas Tariff. The tariff sheets being modified as a result of this submission are presented on Attachment A.

Purpose

The purpose of this routine monthly submission is to revise the attached 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 (D.) 14-06-028.

For core sales customers, the October 2019 cost of gas, including adjustment for franchises and uncollectibles, is \$0.18877 per therm for Southwest Gas' Southern California Service Area and \$0.28912 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The October TFF Surcharge rate is \$0.00236 per therm for Southwest Gas' Southern California Service Area and \$0.00269 per therm for Southwest Gas' Northern California and South Lake Tahoe Service Areas.

The October TDS Charge is \$0.00143 per therm for Southwest Gas' Southern California Service Area and \$0.00162 for Southwest Gas' Northern California and South Lake Tahoe Service Areas.



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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. This Advice Letter is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition) pursuant to GO 96-B. Southwest Gas respectfully requests the rate adjustments become effective October 1, 2019.

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 submission 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
Email: edtariffunit@cpuc.ca.gov
Facsimile: 415-703-2200

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

Mr. Justin Lee Brown
Senior Vice President/General Counsel
Southwest Gas Corporation
P.O. Box 98510
Las Vegas, NV 89193-8510
Email: justin.brown@swgas.com
Facsimile: 702-364-3452

Notice

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



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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 submission 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
Email: valerie.ontiveroz@swgas.com

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By: 
Valerie J. Ontiveroz

Attachments

Distribution List

Advice Letter No. 1110

In conformance with GO 96-B, General Rule 4.3

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

Elizabeth Echols, Director
Public Advocates Office
elizabeth.echols@cpuc.ca.gov

Pacific Gas & Electric Company
PGETariffs@pge.com

Southern California Gas Company
ROrtiz@SempraUtilities.com

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ATTACHMENT A
Advice Letter No. 1110

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
130th Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	129th Revised Sheet No. 65
131st Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	130th Revised Sheet No. 66
127th Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	126th Revised Sheet No. 68
129th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	128th Revised Sheet No. 69
129th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	128th Revised Sheet No. 71
66th Revised Sheet No. 72	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	65th Revised Sheet No. 72
101st Revised Sheet No. 123	Schedule No. GCP - Gas Procurement For Core Customers	100th Revised Sheet No. 123

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

Schedule No. and Type of Charge	Margin	Charges [2]		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
		and Adjustments			CPUC	PPP		
GS-10-Residential Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$.73989	\$.32662	\$ 1.06651	\$.00247	\$.11166	\$.18877	\$ 1.36941	
Tier II	\$.91116	.32662	1.23778	.00247	.11166	.18877	1.54068	
GS-11-Residential Air-Conditioning Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Tier I	\$.73989	\$.32662	\$ 1.06651	\$.00247	\$.11166	\$.18877	\$ 1.36941	
Tier II	.91116	.32662	1.23778	.00247	.11166	.18877	1.54068	
Air-Conditioning	\$.36995	.32662	.69657	.00247	.11166	.18877	.99947	
GS-12-CARE Residential Gas Service								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$.48883	\$.32662	\$.81545	\$.00247	\$.05199	\$.18877	\$ 1.05868	
Tier II	.62585	.32662	.95247	.00247	.05199	.18877	\$ 1.19570	
GS-15-Secondary Residential Gas Service								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ 1.13141	\$.32662	\$ 1.45803	\$.00247	\$.11166	\$.18877	\$ 1.76093	
GS-20-Multi-Family Master-Metered Gas Service								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.73989	\$.32662	\$ 1.06651	\$.00247	\$.11166	\$.18877	\$ 1.36941	
Tier II	.91116	.32662	1.23778	.00247	.11166	.18877	1.54068	
GS-25-Multi-Family Master-Metered Gas Service-Submetered								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.73989	\$.32662	\$ 1.06651	\$.00247	\$.11166	\$.18877	\$ 1.36941	
Tier II	.91116	.32662	1.23778	.00247	.11166	.18877	1.54068	
Submetered Discount per Occupied Space	(\$7.69)							(\$7.69)
GS-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$.41963	\$.32662	\$.74625	\$.00247	\$.05199	\$.18877	\$.98948	
Next 500	.28220	.32662	.60882	.00247	.05199	.18877	.85205	
Next 2,400	.17226	.32662	.49888	.00247	.05199	.18877	.74211	
Over 3,000	.05174	.32662	.37836	.00247	.05199	.18877	.62159	
GS-40-Core General Gas Service (non-Covered Entities)								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$.65339	\$.32662	\$.98001	\$.00247	\$.11166	\$.18877	\$ 1.28291	
Next 500	.48160	.32662	.80822	.00247	.11166	.18877	1.11112	
Next 2,400	.34417	.32662	.67079	.00247	.11166	.18877	.97369	
Over 3,000	.19352	.32662	.52014	.00247	.11166	.18877	.82304	

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

Schedule No. and Type of Charge	Margin	Charges [2] and		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate	
		Adjustments			CPUC	PPP			
GS-40-Core General Gas Service (Covered Entities)									
Basic Service Charge	\$11.00							\$11.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm									
First 100	\$.65339	\$.27385	\$.92724	\$.00247	\$.11166	\$.18877	\$ 1.23014	I	
Next 500	\$.48160	.27385	.75545	.00247	.11166	.18877	1.05835	I	
Next 2,400	\$.34417	.27385	.61802	.00247	.11166	.18877	.92092	I	
Over 3,000	\$.19352	.27385	.46737	.00247	.11166	.18877	.77027	I	
GS-50-Core Natural Gas Service for Motor Vehicles									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$.12843	\$.32662	\$.45505	\$.00247	\$.11166	\$.18877	\$.75795	I	
GS-60-Core Internal Combustion Engine Gas Service									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$.19171	\$.32662	\$.51833	\$.00247	\$.11166	\$.18877	\$.82123	I	
GS-LUZ-Solar Electric Generation Gas Service									
Basic Service Charge	\$50.00							\$50.00	
Cost per Therm	\$.05497	\$.10612	\$.16109	\$.00247			\$.16356		
GS-66-Core Small Electric Power Generation Gas Service									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$.27990	\$.32662	\$.60652	\$.00247		\$.18877	\$.79776	I	
GS-70-Noncore General Gas Transportation Service									
Basic Service Charge	\$100.00							\$100.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm	\$.14040	\$.25120	\$.39160	\$.00247	\$.11166		\$.50573	I	
GS-VIC City of Victorville Gas Service									
Basic Service Charge	\$11.00							\$ 11.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm	\$.39123	\$.32662	\$.71785	\$.00247		\$.18877	\$.90909	I	
TFF-Transportation Franchise Fee Surcharge Provision									
TFF Surcharge per Therm								\$.00236	I
TDS – Transportation Distribution System Shrinkage Charge									
TDS Charge per Therm								\$.00143	I
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision									
MHPS Surcharge per Space per Month								\$.21000	

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

Schedule No. and Type of Charge	Margin	Charges [3] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
GN-10-Residential Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$.77998	\$.14484	\$.92482	\$.00247	\$.06290	\$.28912	\$ 1.27931	I
Tier II	.89079	.14484	1.03563	.00247	.06290	.28912	1.39012	I
GN-12-CARE Residential Gas Service								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$.53719	\$.14484	\$.68203	\$.00247	\$.05199	\$.28912	\$ 1.02561	I
Tier II	.62584	.14484	.77068	.00247	.05199	.28912	1.11426	I
GN-15-Secondary Residential Gas Service								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$.93665	\$.14484	\$ 1.08149	\$.00247	\$.06290	\$.28912	\$ 1.43598	I
GN-20-Multi-Family Master-Metered Gas Service								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.77998	\$.14484	\$.92482	\$.00247	\$.06290	\$.28912	\$ 1.27931	I
Tier II	.89079	.14484	1.03563	.00247	.06290	.28912	1.39012	I
GN-25-Multi-Family Master-Metered Gas Service-Submetered								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$.77998	\$.14484	\$.92482	\$.00247	\$.06290	\$.28912	\$ 1.27931	I
Tier II	.89079	.14484	1.03563	.00247	.06290	.28912	1.39012	I
Submetered Discount per Occupied Space	(\$11.01)							(\$11.01)
GN-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$.42629	\$.14484	\$.57113	\$.00247	\$.05199	\$.28912	\$.91471	I
Next 500	.32276	.14484	.46760	.00247	.05199	.28912	.81118	I
Next 2,400	.22198	.14484	.36682	.00247	.05199	.28912	.71040	I
Over 3,000	.07402	.14484	.21886	.00247	.05199	.28912	.56244	I
GN-40-Core General Gas Service (non-Covered Entities)								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$.64135	\$.14484	\$.78619	\$.00247	\$.06290	\$.28912	\$ 1.14068	I
Next 500	.51194	.14484	.65678	.00247	.06290	.28912	1.01127	I
Next 2,400	.38596	.14484	.53080	.00247	.06290	.28912	.88529	I
Over 3,000	.20102	.14484	.34586	.00247	.06290	.28912	.70035	I

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

	Margin	Charges [3] and Adjustments	Subtotal Gas Usage Rate	Other Surcharges CPUC PPP		Gas Cost	Effective Sales Rate
GN-40-Core General Gas Service (Covered Entities)							
Basic Service Charge	\$ 11.00						\$ 11.00
Transportation Service Charge	\$780.00						\$780.00
Cost per Therm							
First 100	\$.64135	\$.09207	\$.73342	\$.00247	\$.06290	\$.28912	\$ 1.08791
Next 500	.51194	.09207	.60401	.00247	.06290	.28912	.95850
Next 2,400	.38596	.09207	.47803	.00247	.06290	.28912	.83252
Over 3,000	.20102	.09207	.29309	.00247	.06290	.28912	.64758
GN-50-Core Natural Gas Service for Motor Vehicles							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$.10723	\$.14484	\$.25207	\$.00247	\$.06290	\$.28912	\$.60656
GN-60-Core Internal Combustion Engine Gas Service							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$.30193	\$.14484	\$.44677	\$.00247	\$.06290	\$.28912	\$.80126
GN-66-Core Small Electric Power Generation Gas Service							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$.29153	\$.14484	\$.43637	\$.00247		\$.28912	\$.72796
GN-70-Noncore General Gas Transportation Service							
Basic Service Charge	\$ 100.00						\$ 100.00
Transportation Service Charge	\$ 780.00						\$ 780.00
Cost per Therm	\$.18129	(\$.01511)	\$.16618	\$.00247	\$.06290		\$.23155
TFF-Transportation Franchise Fee Surcharge Provision							
TFF Surcharge per Therm							\$.00269
TDS – Transportation Distribution System Shrinkage Charge							
TDS Charge per Therm							\$.00162
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision							
MHPS Surcharge per Space per Month							\$.21000

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

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
SLT-10-Residential Gas Service								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$.34482	\$.22647	\$.57129	\$.00247	\$.06290	\$.28912	\$.92578	
Tier II	.43236	.22647	.65883	.00247	.06290	.28912	1.01332	
SLT-12-CARE Residential Gas Service								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$.17274	\$.22647	\$.39921	\$.00247	\$.05199	\$.28912	\$.74279	
Tier II	.24277	.22647	.46924	.00247	.05199	.28912	.81282	
SLT-15-Secondary Residential Gas Service								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$.47664	\$.22647	\$.70311	\$.00247	\$.06290	\$.28912	\$ 1.05760	
SLT-20-Multi-Family Master-Metered Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$.34482	\$.22647	\$.57129	\$.00247	\$.06290	\$.28912	\$.92578	
Tier II	.43236	.22647	.65883	.00247	.06290	.28912	1.01332	
SLT-25-Multi-Family Master-Metered Gas Service-Submetered								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$.34482	\$.22647	\$.57129	\$.00247	\$.06290	\$.28912	\$.92578	
Tier II	.43236	.22647	.65883	.00247	.06290	.28912	1.01332	
Submetered Discount per Occupied Space	(\$ 7.69)							(\$ 7.69)
SLT-35-Agriculture Employee Housing & Nonprofit Group Living Facility Gas Service								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$.26337	\$.22647	\$.48984	\$.00247	\$.05199	\$.28912	\$.83342	
Next 500	.20839	.22647	.43486	.00247	.05199	.28912	.77844	
Next 2,400	.15343	.22647	.37990	.00247	.05199	.28912	.72348	
Over 3,000	.05885	.22647	.28532	.00247	.05199	.28912	.62890	
SLT-40-Core General Gas Service (non-Covered Entities)								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$.45811	\$.22647	\$.68458	\$.00247	\$.06290	\$.28912	\$ 1.03907	
Next 500	.38939	.22647	.61586	.00247	.06290	.28912	.97035	
Next 2,400	.32068	.22647	.54715	.00247	.06290	.28912	.90164	
Over 3,000	.20246	.22647	.42893	.00247	.06290	.28912	.78342	

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

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
SLT-40-Core General Gas Service (Covered Entities)								
Basic Service Charge	\$11.00							\$11.00
Transportation Service Charge	\$780.00							\$780.00
Cost per Therm								
First 100	\$.45811	\$.17370		\$.63181	\$.00247	\$.06290	\$.28912	\$.98630
Next 500	.38939	.17370		.56309	.00247	.06290	.28912	.91758
Next 2,400	.32068	.17370		.49438	.00247	.06290	.28912	.84887
Over 3,000	.20246	.17370		.37616	.00247	.06290	.28912	.73065
SLT-50-Core Natural Gas Service for Motor Vehicles								
Basic Service Charge	\$11.00							\$11.00
Cost per Therm	\$.22096	\$.22647		\$.44743	\$.00247	\$.06290	\$.28912	\$.80192
SLT-60-Core Internal Combustion Engine Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$.25140	\$.22647		\$.47787	\$.00247	\$.06290	\$.28912	\$.83236
SLT-66-Core Small Electric Power Generation Gas Service								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$.25140	\$.22647		\$.47787	\$.00247		\$.28912	\$.76946
SLT-70-Noncore General Gas Transportation Service								
Basic Service Charge	\$ 100.00							\$ 100.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm	\$.18433	\$.06652		\$.25085	\$.00247	\$.06290		\$.31622
TFF-Transportation Franchise Fee Surcharge Provision								
TFF Surcharge per Therm								\$.00269
TDS-Transportation Distribution System Shrinkage Charge								
TDS Charge per Therm								\$.00162
MHPS-Master-Metered Mobile Home Park Safety Inspection Provision								
MHPS Surcharge per Space per Month								\$.21000

Schedule No. GCP

GAS PROCUREMENT FOR CORE CUSTOMERS

APPLICABILITY

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

TERRITORY

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

RATES

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

Procurement Charges

Southern California

Cost of Gas	\$.18574
F&U	\$.00303
Total Gas Cost	<u>\$.18877</u>

Northern California and South Lake Tahoe

Cost of Gas	\$.28496
F&U	\$.00416
Total Gas Cost	<u>\$.28912</u>

**SOUTHWEST GAS CORPORATION
CALCULATION OF MONTHLY CORE PROCUREMENT CHARGES
FOR THE MONTH OF OCTOBER 2019**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Estimated Cost of Gas [1]	\$ 0.20205	1
2	Monthly Account No. 191 Surcharge [2]	(0.01631)	2
3	Subtotal	<u>\$ 0.18574</u>	3
4	Franchise & Uncollectibles @ 1.6299% [3]	<u>0.00303</u>	4
5	Total October Core Procurement Charge per Therm	<u><u>\$ 0.18877</u></u>	5
<u>Northern California and South Lake Tahoe</u>			
6	Estimated Cost of Gas [4]	\$ 0.20537	6
7	Monthly Account No. 191 Surcharge [5]	<u>0.07959</u>	7
8	Subtotal	<u>\$ 0.28496</u>	8
9	Franchise & Uncollectibles @ 1.4589% [3]	<u>0.00416</u>	9
10	Total October Core Procurement Charge per Therm	<u><u>\$ 0.28912</u></u>	10

[1] Schedule I, Sheet 2, Line 18, 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 12, 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 2019**

Line No.	Description (a)	Dth (b)	Average Cost Per Dth (c)=(d)/(b)	Amount (d)	Line No.
<u>City Gate Demand and Storage Injections</u>					
1	Total City Gate Demand	447,511			1
2	Purchases for Storage Injection @ City Gate [1]	0			2
3	Carry-over from Previous Month (Dth)	0			3
4	Total Demand and Storage Injections	<u>447,511</u>			4
<u>Gas Purchases into Kern River Mainline</u>					
5	Term Purchases	0	\$ 0.0000	\$ 0	5
6	First of Month Purchases [2]	279,000	\$ 1.9895	\$ 555,071	6
7	Spot Purchases [2]	175,279	\$ 1.9770	\$ 346,527	7
8	In Kind Fuel	(6,769)	\$ 0.0000	\$ 0	8
9	Variable Transmission	447,511	\$ 0.0058	<u>\$ 2,596</u>	9
10	Kern River Opal Basin Total Purchases			<u>\$ 904,194</u>	10
<u>City Gate Gas Purchases</u>					
11	Term Purchases	0	\$ 0.0000	\$ 0	11
12	First of Month Purchases [2]	0	\$ 0.0000	\$ 0	12
13	Spot Purchases [2]	0	\$ 0.0000	<u>\$ 0</u>	13
14	Total City Gate Gas Purchases	0		<u>\$ 0</u>	14
<u>Storage Withdrawals</u>					
15	Projected Volume	0	\$ 0.0000	\$ 0	15
16	O&M Withdrawal Variable Charge	0	\$ 0.0000	<u>\$ 0</u>	16
17	Total Average Cost of Gas			<u>\$ 0</u>	17
18	Total Cost of Gas at City Gate [3]	<u>447,511</u>	<u>\$ 2.0205</u>	<u>\$ 904,194</u>	18

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

[2] Based on September 23, 2019, 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 OCTOBER 2019**

Line No.	Description (a)	Dth (b)	Average Cost Per Dth (c)=(d)/(b)	Amount (d)	Line No.
1	Total City Gate Demand (Net)	316,543			1
<u>Gas Purchases into Mainline</u>					
2	Projected Purchases Into NWPL [1]	0	\$ 0.000	\$ 0	2
3	Projected Purchases Into Tuscarora [1]	30,620	\$ 2.0420	\$ 62,526	3
4	Projected Purchases Into Paiute [1]	0	\$ 0.000	\$ 0	4
5	Projected Purchases Into Ruby [1]	288,560	\$ 1.9880	\$ 573,658	5
6	Total Projected Gas Purchases into Mainline			<u>\$ 636,184</u>	6
<u>Transportation Costs</u>					
7	NWPL Volumetric Charge [2]	0	\$ 0.000	\$ 0	7
8	Paiute Volumetric Charge [3]	316,543	\$ 0.0013	\$ 415	8
9	Tuscarora Volumetric Charge [4]	30,375	\$ 0.0044	\$ 134	9
10	Ruby Volumetric Charge [5]	288,560	\$ 0.0463	\$ 13,360	10
11	Total Transportation Variable Cost			<u>\$ 13,908</u>	11
12	Total Cost at the City Gate [6]	<u>316,543</u>	<u>\$ 2.0537</u>	<u>\$ 650,092</u>	12

[1] Based on September 23, 2019, first of the month forwards.

[2] NWPL less in-kind fuel at 1.16%.

[3] Paiute less in-kind fuel at 0.75%.

[4] Tuscarora less in-kind fuel at 0.80%.

[5] Ruby less in-kind fuel at 0.00%.

[6] Assumes no volume is dispatched from LNG.

**SOUTHWEST GAS CORPORATION
SOUTHERN CALIFORNIA
CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENTS
FOR THE MONTH OF OCTOBER 2019**

Line No.	Description (a)	Estimated August Activity (b)	October Surcharge (c)	Line No.
1	Acct. No. 191 Ending Balance for August 2019		\$ (1,290,012)	1
	Storage Activities			
2	July Imbalance Traded Into Storage		(184,601)	2
3	August Imbalance Traded into Storage		(9,236)	3
4	Adjusted Ending Balance		<u>\$ (1,483,849)</u>	4
5	August Rate per Therm	\$ 0.00038		5
6	September Rate per Therm	(0.00967)		6
7	Average Rate per Therm	<u>\$ (0.00465)</u>		7
8	Estimated September Sales	3,036,740		8
9	Estimated September Acct. No. 191 Activity (Line 7 x Line 8)		\$ 14,121	9
10	Estimated September Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		<u>\$ (1,469,728)</u>	10
11	Estimated Twelve Months Sales		<u>90,105,566</u>	11
12	October Surcharge per Therm (Line 10 / Line 11)		<u>\$ (0.01631)</u>	12

**SOUTHWEST GAS CORPORATION
NORTHERN CALIFORNIA INCLUDING SOUTH LAKE TAHOE DISTRICT
CALCULATION OF MONTHLY PGA BALANCING ACCOUNT ADJUSTMENT
FOR THE MONTH OF OCTOBER 2019**

Line No.	Description (a)	Estimated August Activity (b)	October Surcharge (c)	Line No.
1	Acct. No. 191 Ending Balance for August 2019		\$ 4,174,808	1
2	August Rate per Therm	\$ 0.09586		2
3	September Rate per Therm	0.08306		3
4	Average Rate per Therm	<u>\$ 0.08946</u>		4
5	Estimated September Sales	1,442,807		5
6	Estimated September Acct. No. 191 Activity (Line 4 x Line 5)		<u>\$ (129,074)</u>	6
7	Estimated September Acct. No. 191 Ending Balance Adjusted for Known and Unrecorded Activity		<u>\$ 4,045,734</u>	7
8	Estimated Twelve Months Sales		<u>50,832,631</u>	8
9	October Surcharge per Therm (Line 7 / Line 8)		<u><u>\$ 0.07959</u></u>	9

**SOUTHWEST GAS CORPORATION
CALCULATION OF TRANSPORTATION FRANCHISE FEE (TFF) SURCHARGE
FOR THE MONTH OF OCTOBER 2019**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Estimated Cost of Gas [1]	\$ 0.20205	1
2	Franchise Tax @ 1.1694% [2]	\$ 0.00236	2
<u>Northern California and South Lake Tahoe</u>			
3	Estimated Cost of Gas [1]	\$ 0.20537	3
4	Franchise Tax @ 1.3111% [2]	\$ 0.00269	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 2019**

Line No.	Description (a)	Rate per Therm (b)	Line No.
<u>Southern California</u>			
1	Total October Core Procurement Charge per Therm [1]	\$ 0.18877	1
2	Shrinkage Rate @ 0.7600% [2]	\$ 0.00143	2
<u>Northern California and South Lake Tahoe</u>			
3	Total October Core Procurement Charge per Therm [1]	\$ 0.28912	3
4	Shrinkage Rate @ 0.5600% [2]	\$ 0.00162	4

[1] Schedule I, Sheet 1.

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



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.:

Utility type:

ELC GAS WATER
 PLC HEAT

Contact Person:

Phone #:
E-mail:
E-mail Disposition Notice to:

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #:

Tier Designation:

Subject of AL:

Keywords (choose from CPUC listing):

AL Type: Monthly Quarterly Annual One-Time Other:

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

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL:

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date:

No. of tariff sheets:

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

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

Tariff schedules affected:

Service affected and changes proposed¹:

Pending advice letters that revise the same tariff sheets:

¹Discuss in AL if more space is needed.

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

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name:
Title:
Utility Name:
Address:
City: State:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Name:
Title:
Utility Name:
Address:
City: State:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email: