

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



December 23, 2021

**Advice Letter 1192-G; 1192-A**

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

**SUBJECT: 2022 Annual Regulatory Balancing Account Update, and Transportation and Storage Rate Adjustments.**

Dear Mr. Brown:

Advice Letter 1192-G; 1192-A is effective as of January 1, 2022.

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**

December 16, 2021

## **Advice Letter No. 1192-G-A**

(U 905 G)

Public Utilities Commission of the State of California

**Subject: Partial Supplement – 2022 Annual Regulatory Balancing Account Update, and Transportation and Storage Rate Adjustments**

### **Purpose**

The purpose of this submission is to partially supplement Southwest Gas Corporation's (Southwest Gas) Advice Letter No. 1192, submitted on November 24, 2021. Advice Letter No. 1192 was submitted to revise Southwest Gas' transportation and storage rates and various regulatory balancing account surcharges, including the Greenhouse Gas (GHG) Balancing Account (GHGBA) compliance costs and allowance revenue proceeds in accordance with Decision (D.) 15-10-032, as modified by D.18-03-017. This partial supplement only seeks to modify Tables A, B and C in Attachment D, and the Compliance Instrument Procurement Limit and correct a ministerial error in the footnote section of Northern California Rate Jurisdiction Statement of Rates. The tariff sheet being modified as a result of this submission is listed on Attachment A.

### **Modifications to Tables A, B and C in Attachment D**

In D.15-10-032, the Commission directed the respondent natural gas utilities, including Southwest Gas, to utilize the Tables A through E provided in Appendix A to D.15-10-032 to annually forecast their GHG compliance costs and allowance proceeds.<sup>1</sup> Southwest Gas included its Appendix A Tables in Attachment D to Advice Letter No. 1192. Pursuant to Energy Division review, Southwest Gas makes the following modifications Tables A, B and C in Attachment D:

#### ***Table A – Forecasted Revenue Requirement***

- Line 14 Proxy GHG Allowance Price – Footnotes 3 through 5 have been updated to reflect the appropriate explanations of Southwest Gas' 2020 through 2022 forecasted proxy prices.

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<sup>1</sup> Ordering Paragraph (OP) 6 in D.15-10-032, issued in Rulemaking 14-03-003, directs the natural gas utilities to utilize the calculations, methodologies and procedures adopted in Appendix A to D.15-10-032 to implement the California Climate Credit and GHG compliance costs and include the Appendix A tables in their annual natural gas true-up advice letters that set transportation rates.



Southwest Gas considers Gross Throughput (Line 1) and Throughput to Covered Entities (Line 2) in Table A confidential and is providing this in redacted form. The unredacted information is being provided to the Energy Division confidentially under separate cover pursuant to D.15-10-032 and D.16-08-024.

### ***Table B – Estimated/Recorded GHG Costs***

Ministerial edits to Table B sheet labels have been made to clearly signify the annual “forecasted” versus “recorded” sheets. Also, updates were made for years 2020 through 2021 to reflect the appropriate beginning and ending balances.

Because Table B contains confidential information, it is being provided to the Energy Division confidentially under separate cover pursuant to D.15-10-032 and D.16-08-024.

### ***Table C – GHG Allowance Proceeds***

- Line 1 Proxy GHG Allowance Price – Footnotes 1 through 3 have been updated to reflect the appropriate explanations of Southwest Gas’ 2020 through 2022 forecasted proxy prices.
- Line 9 Outreach and Admin Expenses – 2022 forecast has been updated to appropriately reflect the Table D 2022 Forecasted Total (\$2,040), which includes \$40 in interest.
- Line 9b SB 1477 Compliance Costs – Footnote 5 has been updated to correct a typographical error to “funding”.
- In D.20-12-031, the Commission authorized an additional \$40 million of Cap-and-Trade program allowance proceeds to be added to the Biomethane Monetary Incentive Program.<sup>2</sup> The four gas utilities are to set aside their allocated portions of GHG proceeds to fund their share of the \$40 million. Southwest Gas is required to set aside 1.63% or \$652,000 for years 2022 and 2023. Pursuant to OP 4 in D.20-12-031, Southwest Gas has added line “9c – RNG Incentive Costs” to reflect its allocated portion of its GHG proceeds. For 2022, Southwest Gas forecasted \$326,00. This results in a reduction of its 2022 California Climate Credit from \$54.43 to \$52.77

### ***Compliance Instrument Procurement Limit***

Ministerial typographical labeling errors were corrected to reflect the appropriate forecasted years. Pursuant to D.15-10-032, procurement limits shall be provided to the Energy Division confidentially. As such, Southwest Gas will provide its annual GHG procurement limit to the Energy Division under separate cover.

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<sup>2</sup> OP 3 in D.20-12-031, at pg. 28.



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### **Northern California Rate Jurisdiction Statement of Rates**

Footnote 3 on tariff Sheet No. 70 has been revised to correct the following ministerial error:

\*The FCAM surcharge includes an amount of ~~(\$.08575)~~ (\$0.03045) per therm related to the difference between Southwest Gas' authorized margin and recorded revenues intended to recover these costs.

The above revision does not impact any of the proposed rates included in the original Advice Letter given that the correct rate was used for the rate calculations where applicable.

### **Effective Date**

Southwest Gas believes this Advice Letter is subject to Energy Division disposition and should be classified as Tier 2, effective after Energy Division Approval, pursuant to General Order (GO) 96-B. Southwest Gas respectfully requests this Advice Letter be approved December 24, 2021, along with the originally submitted Advice Letter No. 1192, with rates effective January 1, 2022.

### **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, 4<sup>th</sup> Floor  
San Francisco, CA 94102  
Email: [edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)  
Facsimile: 415-703-2200

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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:

Ms. Valerie J. Ontiveroz  
Regulatory Manager/California  
Southwest Gas Corporation  
P.O. Box 98510  
Las Vegas, NV 89193-8510  
Email: [valerie.ontiveroz@swgas.com](mailto:valerie.ontiveroz@swgas.com)  
Facsimile: 702-364-3446

Please direct all other communications regarding this Advice Letter to the above-named individual.

### **Notice**

Pursuant to Energy Industry Rule 3.1(1), 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 compliance with the various decisions noted herein.

### **Service**

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

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By:   
Valerie J. Ontiveroz

Attachments

**Distribution List**

Advice Letter No. 1192-G-A

In conformance with GO 96-B, General Rule 4.3

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

Amy Yip-Kikugawa, Acting Director  
Public Advocates Office  
[amy.yip-kikugawa@cpuc.ca.gov](mailto:amy.yip-kikugawa@cpuc.ca.gov)

Pacific Gas & Electric Company  
[PGETariffs@pge.com](mailto:PGETariffs@pge.com)

Southern California Gas Company  
[ROrtiz@SempraUtilities.com](mailto:ROrtiz@SempraUtilities.com)

San Diego Gas & Electric Company  
[SDG&ETariffs@SempraUtilities.com](mailto:SDG&ETariffs@SempraUtilities.com)

Robert M. Pocta  
Public Advocates Office  
California Public Utilities Commission  
[robert.pocta@cpuc.ca.gov](mailto:robert.pocta@cpuc.ca.gov)

Nathaniel Skinner  
Public Advocates Office  
California Public Utilities Commission  
[nathaniel.skinner@cpuc.ca.gov](mailto:nathaniel.skinner@cpuc.ca.gov)

ATTACHMENT A  
Advice Letter No. 1192-A-G

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
84th Revised Sheet No. 70	Statement of Rates - Rates Applicable to Northern California Service Area	82nd Revised Sheet No. 70

STATEMENT OF RATES

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

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

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

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

Charges and Adjustments Description	GN-10, GN-12, GN-15, GN-20, GN-25, GN-35,	GN-40 (non-Covered Entities), GN-50, GN-60, GN-66	GN-40, (Covered Entities)	GN-70
Upstream Interstate Charges				
Storage	\$ .03566		\$ .03566	
Reservation	.21495		.21495	
IRRAM Surcharge	.00000		.00000	\$ .00000
Balancing Account Adjustments				
FCAM*	( .01137)		( .01137)	( .03045)
GHGBA**				
Non-Covered Entities [a]	.10710			.10710
Covered Entities [a]			.00121	
NERBA	( .00083)		( .00083)	( .00083)
NGLAPBA	( .00706)		( .00706)	( .00706)
MHPCBA	( .00083)		( .00083)	( .00083)
CDMIBA	.00717		.00717	.00717
<b>Total Charges and Adjustments</b>	<b>\$ .34479</b>		<b>\$ .23890</b>	<b>\$ .07510</b>

\* The FCAM surcharge includes an amount of (\$.03045) 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).

[a] Pursuant to D.18-03-017, Covered and non-Covered entities have a component to recover the 2015-2017 net compliance costs and proceeds amortized over a twelve month period. Also included are the 2018 GHG costs which are amortized over an eighteen month period.



**ADVICE LETTER NO. 1192-A  
ATTACHMENT D**

GHG Costs, Allowance Proceeds and California Climate Credit  
(D.15-10-032 Attachment A Tables A – E)

**SOUTHWEST GAS CORPORATION (U 905 G)**  
**Advice Letter No. 1192**  
**D.15-10-032 - Appendix A**

**Table A: Forecasted Revenue Requirement**

Line	Description	2020		2021		2022	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Gross Throughput (MMcf) <b>CONFIDENTIAL</b>						
2	Throughput to Covered Entities (MMcf) <b>CONFIDENTIAL</b> <sup>1</sup>						
3	Net Throughput to End Users (MMcf) (Line 1 + Line 2)	14,595	14,473	14,399		14,589	
4	Lost and Unaccounted for Gas (MMcf) <sup>2</sup>	104	109	100		88	
5	<b>Total Supplied Gas (MMcf)</b> (Line 3 + Line 4)	<b>14,698</b>	<b>14,582</b>	<b>14,499</b>		<b>14,677</b>	
6	Emissions Conversion Factor (MTCO <sub>2e</sub> /MMcf)	54.64437	54.64437	54.64437		54.64437	
7	Compliance Obligation for End Users and LUAF (MTCO <sub>2e</sub> ) (Line 5 * Line 6)	803,169	796,851	792,312		802,035	
8	Compliance Obligation for Company Facilities (MTCO <sub>2e</sub> )	0	0	0		0	
9	<b>Gross Compliance Obligation (MTCO<sub>2e</sub>)</b> (Line 7 + Line 8)	<b>803,169</b>	<b>796,851</b>	<b>792,312</b>		<b>802,035</b>	
10	Directly Allocated Allowances	(656,821)	(656,821)	(630,579)		(604,337)	
11	Percentage Consigned to Auction	50%	50%	55%		60%	
12	Consigned Allowances (Line 10 * Line 11)	328,410	328,410	346,818		362,602	
13	<b>Net Compliance Obligation (MTCO<sub>2e</sub>)</b> (Line 9 + Line 10+ Line 12)	<b>474,759</b>	<b>468,441</b>	<b>508,552</b>		<b>560,300</b>	
14	Proxy GHG Allowance Price <sup>3,4,5</sup>	\$ 18.04	\$ 17.04	\$ 18.14		\$ 29.43	
15	Compliance Instrument Cost	\$ 8,564,650	\$ 7,731,302	\$ 9,225,134		\$ 16,489,628	
16	Interest		\$ 26,629			\$ 1,802	
17	Franchise Fees & Uncollectibles <sup>6</sup>	\$ 139,604	\$ 126,020	\$ 146,956		\$ 262,680	
18	<b>Revenue Requirement</b> (Line 15 + Line 16 + Line 17)	<b>\$ 8,704,253</b>	<b>\$ 7,883,951</b>	<b>\$ 9,372,090</b>		<b>\$ 16,754,109</b>	
19	Previous Year's Cost Balancing Subaccount Balance		\$ 3,893,587	\$ 3,941,152		\$ (687,416)	
20	<b>Revenue Requirement to be Included in Rates</b> (Line 18 + Line 19)	<b>\$ 8,704,253</b>	<b>\$ 11,777,538</b>	<b>\$ 13,313,242</b>		<b>\$ 16,066,693</b>	
21	Covered Entity Rate Impact (\$/therm)	\$ 0.00073		\$ 0.00074		\$ 0.00121	
22	Non-Covered Entity Rate Impact (\$/therm)	\$ 0.05800		\$ 0.08994		\$ 0.10710	

**Footnotes**

- For the 2021 Forecast number, Southwest Gas received notification that a customer was leaving the system; therefore, they were not included in this number. That customer actually remained on the system and are included in the 2022 Forecast.
- Lost and unaccounted for gas (LAUFG) percentages were authorized in Southwest Gas' General Rate Case (GRC) Decision 14-06-028 prior to 2022. For Year 2022, the LAUFG percentages were updated and authorized in Southwest Gas' last GRC Decision 21-03-052.
- The forecasted proxy price is the November 6, 2019, futures settlement price for vintage year 2020 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated November 6, 2019, Futures Daily Market Report for Physical Environmental, "CAY-California Carbon Allowance Future-Vintage 2020." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The forecasted proxy price is the October 19, 2020, futures settlement price for vintage year 2021 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 19, 2020, Futures Daily Market Report for Physical Environmental, "CAZ-California Carbon Allowance Vintage 2021 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The forecasted proxy price is the October 15, 2021, futures settlement price for vintage year 2022 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 15, 2021, Futures Daily Market Report for Physical Environmental, "CBO-California Carbon Allowance Vintage 2022 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The F&U rate used in this calculation was authorized by the Commission in D.21-03-052.

**SOUTHWEST GAS CORPORATION (U 905 G)**

**Advice Letter No. 1192**

**D.15-10-032 - Appendix A**

**Table C: GHG Allowance Proceeds**

Line	Description	2020		2021		2022	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Proxy GHG Allowance Price (\$/MT) <sup>1,2,3</sup>	\$ 18.04		\$ 18.14		\$ 29.43	
2	Directly Allocated Allowances	656,821		630,579		604,337	
3		50%		55%		60%	
4	Consigned Allowances	328,410		346,818		362,602	
	<b>Total Supplied Gas (MMcf) (Line 3 + Line 4)</b>						
5	Allowance Proceeds	\$ (5,924,521)	\$ (5,608,148)	\$ (6,291,282)		\$ (10,671,383)	
6	Previous Year's Revenue Balancing Subaccount Balance <sup>4</sup>		\$ 321,798	\$ 118,022		\$ (802,218)	
7	Interest		\$ (159)	\$ (213)		964.48	
8	<b>Subtotal Allowance Proceeds (\$) (Line 5 + Line 6 + Line 7)</b>	<b>\$ (5,924,521)</b>	<b>\$ (5,286,509)</b>	<b>\$ (6,173,473)</b>	<b>\$ -</b>	<b>\$ (11,472,636)</b>	<b>\$ -</b>
9	<b>Outreach and Admin Expenses (\$) (from Table D)</b>	<b>\$ 1,530</b>	<b>\$ 8,849</b>	<b>\$ 1,530</b>	<b>\$ -</b>	<b>\$ 2,040</b>	<b>\$ -</b>
9b	<b>SB 1477 Compliance Costs<sup>5</sup></b>	<b>\$ 815,000</b>	<b>\$ 1,222,500</b>	<b>\$ 815,000</b>	<b>\$ -</b>	<b>\$ 815,000</b>	<b>\$ -</b>
9c	<b>RNG Incentive Costs<sup>6</sup></b>					<b>\$ 326,000</b>	
10	<b>Net GHG Proceeds Available for Customer Returns (\$) (Line 8 + Line 9 + Line 9b+9c)</b>	<b>\$ (5,107,991)</b>	<b>\$ (4,055,160)</b>	<b>\$ (5,356,943)</b>	<b>\$ -</b>	<b>\$ (10,329,596)</b>	<b>\$ -</b>
11	Number of Residential Households	192,481		194,298		195,762	
12	<b>Per Household California Climate Credit (\$) (Line 10 / Line 11)</b>	<b>\$ 26.54</b>		<b>\$ 27.57</b>		<b>\$ 52.77</b>	

Footnotes

1 The forecasted proxy price is the November 6, 2019, futures settlement price for vintage year 2020 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated November 6, 2019, Futures Daily Market Report for Physical Environmental, "CAY-California Carbon Allowance Future-Vintage 2020." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

2 The forecasted proxy price is the October 19, 2020, futures settlement price for vintage year 2021 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 19, 2020, Futures Daily Market Report for Physical Environmental, "CAZ-California Carbon Allowance Vintage 2021 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

3 The forecasted proxy price is the October 15, 2021, futures settlement price for vintage year 2022 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 15, 2021, Futures Daily Market Report for Physical Environmental, "CBO-California Carbon Allowance Vintage 2022 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

4 Balance at September 30, 2021 (\$802,218), reflects compliance costs paid to date for SB 1477 (July 1, 2020 - \$815,000; and quarterly payments of \$203,750 made in 2020 on September 1 and December 1, and in 2021 on March 1, June 1 and September 1.)

5 Per D.20-03-027 and Resolution G-3565, Southwest Gas is required to allocate \$815,000 of its annual GHG Proceeds to help fund the BUILD program and TECH initiative. Revised 2020 Forecast costs to include SB 1477 funding per AL 1126.

**SOUTHWEST GAS CORPORATION (U 905 G)****Advice Letter No. 1192****D.15-10-032 - Appendix A****Table D: GHG Outreach and Administrative Expenses**

Line	Description	2020		2021		2022	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Outreach Expenses						
2	Detail of Outreach Activity (\$)						
3	Website Page						
4	Email Blasts	\$ 1,500	\$ 1,172	\$ 1,500		\$ 2,000	
5	Bill Insert		\$ 7,580				
6	On-Bill Message						
7	On-Hold Phone Message						
8	Post Phone Survey						
9	<b>Subtotal Outreach (\$)</b>	\$ 1,500	\$ 8,752	\$ 1,500	\$ -	\$ 2,000	\$ -
10	Administrative Expenses						
11	Detail of Administrative Activity (\$)						
12	Programming						
13	Testing						
14	<b>Subtotal Administrative (\$)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Subtotal Outreach and Administrative	\$ 1,500	\$ 8,752	\$ 1,500	\$ -	\$ 2,000	\$ -
16	Interest (\$)	\$ 30	\$ 96	\$ 30		\$ 40	\$ -
17	<b>Total (\$)</b>	<b>\$ 1,530</b>	<b>\$ 8,849</b>	<b>\$ 1,530</b>	<b>\$ -</b>	<b>\$ 2,040</b>	<b>\$ -</b>

**SOUTHWEST GAS CORPORATION (U 905 G)**

**Advice Letter No. 1192**

**D.15-10-032 - Appendix A**

**Table E: Compliance Obligation Over Time**

	<b>2015</b>	<b>2016<sup>1</sup></b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>Natural Gas Fuel Supplier Compliance Obligation (MTCO<sub>2</sub>e)</b>	668,077	695,026	718,067	725,918	842,332	789,622
<b>Company Facility Compliance Obligation (MTCO<sub>2</sub>e)</b>	0	0	0	0	0	

<sup>1</sup>In Advice Letter No. 1072, Southwest Gas' Compliance Obligation was inadvertently noted as 695,462.



# 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 proposed<sup>1</sup>:

Pending advice letters that revise the same tariff sheets:

<sup>1</sup>Discuss 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](mailto: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:

## ENERGY Advice Letter Keywords

Affiliate	Direct Access	Preliminary Statement
Agreements	Disconnect Service	Procurement
Agriculture	ECAC / Energy Cost Adjustment	Qualifying Facility
Avoided Cost	EOR / Enhanced Oil Recovery	Rebates
Balancing Account	Energy Charge	Refunds
Baseline	Energy Efficiency	Reliability
Bilingual	Establish Service	Re-MAT/Bio-MAT
Billings	Expand Service Area	Revenue Allocation
Bioenergy	Forms	Rule 21
Brokerage Fees	Franchise Fee / User Tax	Rules
CARE	G.O. 131-D	Section 851
CPUC Reimbursement Fee	GRC / General Rate Case	Self Generation
Capacity	Hazardous Waste	Service Area Map
Cogeneration	Increase Rates	Service Outage
Compliance	Interruptible Service	Solar
Conditions of Service	Interutility Transportation	Standby Service
Connection	LIEE / Low-Income Energy Efficiency	Storage
Conservation	LIRA / Low-Income Ratepayer Assistance	Street Lights
Consolidate Tariffs	Late Payment Charge	Surcharges
Contracts	Line Extensions	Tariffs
Core	Memorandum Account	Taxes
Credit	Metered Energy Efficiency	Text Changes
Curtable Service	Metering	Transformer
Customer Charge	Mobile Home Parks	Transition Cost
Customer Owned Generation	Name Change	Transmission Lines
Decrease Rates	Non-Core	Transportation Electrification
Demand Charge	Non-firm Service Contracts	Transportation Rates
Demand Side Fund	Nuclear	Undergrounding
Demand Side Management	Oil Pipelines	Voltage Discount
Demand Side Response	PBR / Performance Based Ratemaking	Wind Power
Deposits	Portfolio	Withdrawal of Service
Depreciation	Power Lines	





# SOUTHWEST GAS CORPORATION

December 21, 2021

ATTN: Tariff Unit, Energy Division  
[edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)  
California Public Utilities Commission  
505 Van Ness Avenue, Room 4005  
San Francisco, CA 94102

Subject: Southwest Gas Corporation (U 905 G)  
Advice Letter No. 1192-G – Substitute Sheet Submission

Enclosed please find Southwest Gas Corporation's (Southwest Gas) Residential Gas Rate and Bill Impact (Bill Impact) included as Attachment H in Advice Letter No. 1192, submitted on November 24, 2021. Advice Letter No. 1192 contains Southwest Gas' annual update to its transportation and storage rates and various regulatory balancing account surcharges. The Bill Impact requires detailed rate and bill impacts (utilizing the provided template) for any Advice Letter that requests the implementation of a rate change (i.e., margin adjustment, annual balancing account update, etc.).

Based on guidance from Energy Division Staff to reflect the change in revenue more appropriately, Southwest Gas is revising its Bill Impact as follows:

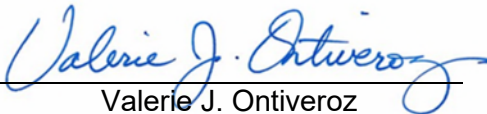
- Update the Volumes in the Proposed Rates section displayed in column F for each jurisdiction, to match the Volumes in the Present Rates section shown in column C for each jurisdiction.
- Update the volumes to reflect the different consumption between CARE and non-CARE customers for each jurisdiction.

Additionally, the Percent (%) Rate change in column K of each jurisdiction contained an erroneous formula that is also being corrected in this submission.

Southwest Gas respectfully requests that the enclosed Bill Impact replace the originally submitted Bill Impact in Advice Letter No. 1192. No rates or other components of Advice Letter No. 1192 are affected because of this correction.

In accordance with General Order 96-B, General Rule 7.5.1, Southwest Gas is serving copies of this substitute sheet submission to the utilities and interested parties shown on the attached list.

Respectfully submitted,  
SOUTHWEST GAS CORPORATION

By:   
Valerie J. Ontiveroz  
Attachment

**Distribution List**

Advice Letter No. 1192-G

In conformance with GO 96-B, General Rule 4.3

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

Amy Yip-Kikugawa, Acting Director  
Public Advocates Office  
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Pacific Gas & Electric Company  
[PGETariffs@pge.com](mailto:PGETariffs@pge.com)

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[nathaniel.skinner@cpuc.ca.gov](mailto:nathaniel.skinner@cpuc.ca.gov)

**Southern California**  
**Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192**  
**AL Effective Date: 01/01/2022**

	Present Rates			Proposed Rates in AL 1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth [2]	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00		4.00			\$ 4.00				
Usage Rate [1]	37.00	0.67629	25.02	37.00	0.77646	28.73				[3]
PPP and CPUC	37.00	0.04291	1.59	37.00	0.04172	1.54				[3]
Gas Cost	37.00	0.49305	18.24	37.00	0.49305	18.24				
<i>Average Monthly Residential Gas Bill \$ (1)</i>			\$ 48.85			\$ 52.52	3.66	\$ 0.09898		
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>										
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									7.50%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.75		5.75	5.75		\$ 5.75				
Usage Rate [1]	36.00	0.96862	34.87	36.00	1.07448	38.68				[3]
PPP and CPUC	36.00	0.14972	5.39	36.00	0.16865	6.07				[3]
Gas Cost	36.00	0.49305	17.75	36.00	0.49305	17.75				
<i>Average Monthly Residential Gas Bill \$ (1)</i>			\$ 63.76			\$ 68.25	4.49	\$ 0.12479		
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>										
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									7.05%	

**Notes**

- [1] The present rates include baseline quantities, delivery and adjustment charges as of November 1, 2021.
- [2] The present and proposed volumes are the average CARE and Non-CARE throughput for twelve-month forecast period ended December 31, 2022 for each jurisdiction.
- [3] Decisions/Resolutions authorizing rate changes are listed below:
  - Attrition - D.21-03-052
  - CDMIBA - D.20-07-016
  - FCAM, ITCAM, and upstream transportation and storage rates - GHGBA - D.15-10-032, as modified by D.18-03-017
  - NERBA and INGLAPBA - Resolution G-3538
  - Margin - D.21-03-052
  - PPP - D.04-08-010, D.14-05-004 and D.21-10-023

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192  
AL Effective Date: 01/01/2022

Northern California

	Present Rates			Proposed Rates in AL 1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth [2]	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00	0.64963	4.00	\$ 4.00	0.75136	4.00				
Usage Rate [1]	54.00	0.04291	35.08	54.00	0.04172	40.57				[3]
PPP and CPUC	54.00	0.63170	2.32	54.00	0.6317	2.25				[3]
Gas Cost	54.00	0.63170	34.11	54.00	0.6317	34.11				
Average Monthly Residential Gas Bill \$ (1)			\$ 75.51			\$ 80.94	\$ 5.43	\$ 0.10054	7.19%	
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)										
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.75	0.96996	5.75	\$ 5.75	1.07593	5.75				
Usage Rate [1]	69.00	0.05198	66.93	69.00	0.05822	74.24				[3]
PPP and CPUC	69.00	0.63170	3.59	69.00	0.63170	4.02				[3]
Gas Cost	69.00	0.63170	43.59	69.00	0.63170	43.59				
Average Monthly Residential Gas Bill \$ (1)			\$ 119.85			\$ 127.59	\$ 7.74	\$ 0.11221	6.46%	
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)										

Notes

[1] The present rates include baseline quantities, delivery and adjustment charges as of November 1, 2021.

[2] The present and proposed volumes are the average CARE and Non-CARE throughput for twelve-month forecast period ended December 31, 2022 for each jurisdiction.

[3] Decisions/Resolutions authorizing rate changes are listed below:

- Attrition - D.21-03-052
- CDMIBA - D.20-07-016
- FCAM, ITCAM, and upstream transportation and storage rates -
- GHGBA - D.15-10-032, as modified by D.18-03-017
- NERBA and INGLAPBA - Resolution G-3538
- Margin - D.21-03-052
- PPP - D.04-08-010, D.14-05-004 and D.21-10-023

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192  
AL Effective Date: 01/01/2022

South Lake Tahoe

	Present Rates			Proposed Rates in AL1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth [2]	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00		4.00	\$ 4.00		4.00				
Usage Rate [1]	59.00	0.60205	35.52	59.00	0.75236	44.39				[3]
PPP and CPUC	59.00	0.04291	2.53	59.00	0.04172	2.46				[3]
Gas Cost	59.00	0.65170	37.27	59.00	0.6517	37.27				
Average Monthly Residential Gas Bill \$ (1)			\$ 79.32			\$ 88.12	\$ 8.80	0.14912		
Average Monthly Residential Bill Increase or Decrease (\$)								\$ 0.14912		
Average Monthly Residential Bill Increase or Decrease (%)									11.09%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.00		5.00	\$ 5.00		5.00				
Usage Rate [1]	65.00	0.91049	59.18	65.00	1.06398	69.16				[3]
PPP and CPUC	65.00	0.05198	3.38	65.00	0.05822	3.78				[3]
Gas Cost	65.00	0.63170	41.06	65.00	0.63170	41.06				
Average Monthly Residential Gas Bill \$ (1)			\$ 108.62			\$ 119.00	\$ 10.38	0.15973		
Average Monthly Residential Bill Increase or Decrease (\$)								\$ 0.15973		
Average Monthly Residential Bill Increase or Decrease (%)									9.56%	

Notes

- [1] The present rates include baseline quantities, delivery and adjustment charges as of November 1, 2021.
- [2] The present and proposed volumes are the average CARE and Non-CARE throughput for twelve-month forecast period ended December 31, 2022 for each jurisdiction.
- [3] Decisions/Resolutions authorizing rate changes are listed below:
  - Attrition - D.21-03-052
  - CDMIBA - D.20-07-016
  - FCAM, ITCAM, and upstream transportation and storage rates -
  - GHGBA - D.15-10-032, as modified by D.18-03-017
  - NERBA and NGLAPBA - Resolution G-3538
  - Margin - D.21-03-052
  - PPP - D.04-08-010, D.14-05-004 and D.21-10-023



# **SOUTHWEST GAS CORPORATION**

November 24, 2021

## **Advice Letter No. 1192-G**

(U 905 G)

Public Utilities Commission of the State of California

### **Subject: 2022 Annual Regulatory Balancing Account Update, and Transportation and Storage Rate Adjustments**

Southwest Gas Corporation (Southwest Gas) hereby submits for approval to the California Public Utilities Commission (Commission) revisions to its California Gas Tariff. The tariff sheets being modified with this submission are listed on Attachment A.

### **Purpose**

The purpose of this submission is to update the following:

1. Customer Data Modernization Initiative Balancing Accounting (CDMIBA) surcharges, as authorized in Ordering Paragraph (OP) 7 in Decision (D).20-07-016
2. Balancing account surcharges related to the Fixed Cost Adjustment Mechanism (FCAM) as authorized in D.08-11-048 and the Interstate Transportation Cost Adjustment Mechanism (ITCAM) as authorized in D.94-12-022, and Transportation and storage rates
3. Greenhouse Gas (GHG) compliance costs and allowance revenue proceeds in accordance with D.15-10-032, as modified by D.18-03-017
4. Infrastructure Reliability and Replacement Adjustment Mechanism (IRRAM), as authorized in D.21-03-052
5. Mobilehome Park Conversion Balancing Account (MHPCBA) surcharges, as authorized in Advice Letter (AL) No. 1097
6. Balancing account surcharges related to the Natural Gas Leak Abatement Program as authorized in OP 6 in Resolution G-3538

### **Annual Regulatory Balancing Account Update and Transportation and Storage Rate Adjustments**

#### **1. CDMIBA Rate Adjustments**

Southwest Gas implemented the CDMIBA surcharges for each of its three ratemaking jurisdictions: Southern California, Northern California and South Lake Tahoe, to recover costs related to the Customer Data Modernization Initiative approved in D.20-07-016 and placed into service on May 3, 2021. The proposed rates are set forth in Attachment B.



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Page 2  
November 24, 2021

## 2. FCAM, ITCAM and Transportation and Storage Rates

The calculation of Southwest Gas' 2022 FCAM and ITCAM balancing account surcharges and upstream transportation and storage rates are provided in Attachment C.

*Inclusion of balances recorded in the General Rate Case Memorandum Account 2021 (GRCMA2021):*

Pursuant to the authorization granted in Advice Letter No. 1172,<sup>1</sup> Southwest Gas is clearing the balances recorded in the GRCMA2021 and including the balances in its FCAM balancing account rate adjustment. The adjustment is reflected in Attachment C. As such, Southwest Gas is deleting GRCMA2021 from its tariff.

## 3. GHG Costs, Allowance Proceeds, California Climate Credit, Emissions and Compliance Instrument Procurement Limit

In D.15-10-032, the Commission resolved Phase 2 issues in Rulemaking (R.) 14-03-003,<sup>2</sup> and directed the respondent natural gas utilities, including Southwest Gas, to utilize the tables provided in Appendix A to D.15-10-032 to annually forecast their GHG compliance costs and allowance proceeds<sup>3</sup> and also include a "...narrative summary describing activities completed in the current year, including any deviations from what was forecasted for the current year, and projecting activities in the forecast year...".<sup>4</sup> Additionally, Resolution G-3565,<sup>5</sup> and subsequently D.20-03.027,<sup>6</sup> ordered the gas utilities to modify Table C of the Appendix A tables to include a Line 9b titled "SB 1477 Compliance Costs" to record each gas utility's gas of the Senate Bill 1477 funding for the Building Initiative for Low-Emissions Development (BUILD) Program and the Technology and Equipment for Clean heating (TECH) Initiative.<sup>7</sup> Southwest Gas' allocated portion of the funding is \$815,000 per year for four years beginning in 2020.<sup>8</sup> Accordingly, and as set forth below,

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<sup>1</sup> Advice Letter No. 1172 was approved by the Energy Division, effective April 15, 2021.

<sup>2</sup> R.14-03-003, "Order Instituting Rulemaking to Address Natural Gas Distribution Utility Cost and Revenue Issues Associated with Greenhouse Gas Emissions," adopted by the Commission on March 12, 2014

<sup>3</sup> OP 6 in D.15-10-032 directs the natural gas utilities to utilize the calculations, methodologies and procedures adopted in Appendix A to D.15-10-032 to implement the California Climate Credit and GHG compliance costs and include the Appendix A tables in their annual natural gas true-up advice letters that set transportation rates.

<sup>4</sup> D.15-10-032, at pg. 19.

<sup>5</sup> Resolution G-3565. *Directing investor-owned gas utilities that participate in California's Cap-and-Trade Program to ensure the availability of first year funding necessary to implement Senate Bill (SB) No. 1477 (Stern, 2018) – Low emissions buildings and sources of heat energy*, OP 3 at pgs. 7-8..

<sup>6</sup> D.23-03-027, *Decision Establishing Building Decarbonization Pilot Programs*, effective March 26, 2020, OP 3 at pgs. 106-107.

<sup>7</sup> Additionally, Line 10 description in Table C was modified pursuant to Resolution G3565 and D.20-03-027 to state "Net GHG Proceeds Available for Customer (\$) (Line 8 + Line 9 + and Line 9b)".

<sup>8</sup> Resolution G-3565, OP 1 at pg. 7.



Southwest Gas has utilized Tables A through E of Appendix A in D.15-10-032 (Attachment C) as modified by Resolution G-3565 and D.20-03-027. The Appendix A tables are provided in Attachment D.

### ***Table A – Forecasted Revenue Requirement***

Table A illustrates the calculation of the forecasted revenue requirement associated with Southwest Gas' recorded GHG compliance costs as offset by the revenue requirement for the respective GHG compliance costs.

Southwest Gas considers certain information contained in Table A confidential, including Gross Throughput (Line 1), Throughput to Covered Entities (Line 2), and is providing this information to the Energy Division confidentially under separate cover pursuant to D.15-10-032 and D.16-08-024.

### ***Table B – Recorded GHG Costs***

Southwest Gas has included recorded costs in Table B utilizing the weighted average cost methodology. Because Table B contains confidential information, it is being provided to the Energy Division confidentially under separate cover pursuant to D.15-10-032 and D.16-08-024.

### ***Table C – GHG Allowance Proceeds***

Under the Cap-and-Trade Program, the California Air Resources Board (CARB) annually allocates GHG allowances to natural gas utilities for the benefit of their ratepayers, and CARB requires the utilities to consign a minimum percentage of the allowances for sale in CARB's allowance auctions, with consignment requirements beginning at 25 percent in 2015 and increasing 5 percent annually through 2030.<sup>9</sup> In D.15-10-032 and D.18-03-017, the Commission found it appropriate to return allowance proceeds received from the sale of GHG allowances to residential customers only as the on-bill California Climate Credit annually each April. The California Climate Credit is calculated as the GHG allowance proceeds remaining after subtracting Southwest Gas' outreach and administrative expenses as well as its allocated portion of SB 1477 costs of \$815,000 from the total allowance proceeds and dividing the result by the number of residential households.<sup>10</sup> Southwest Gas' administrative and outreach expenses are discussed below. Southwest Gas forecasts approximately \$10.7 million net GHG allowance proceeds available for return to customers in 2022.

Southwest Gas' 2022 California Climate Credit is \$54.43.

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<sup>9</sup> D.15-10-032, at pg. 5. Also reference, CARB Final Regulation Order, *Article 5: California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms*, §95893. Allocation of Natural Gas Suppliers for Protection of Natural Gas Ratepayers, at pg. 223.

<sup>10</sup> D.15-10-032, at pg. 37.





### ***Table D – Outreach and Administrative Expenses***

Southwest Gas will continue its Outreach and Education Plan (O&E Plan) in 2022, which includes the following:

- Email blast
- Bill Insert
- On-bill messaging
- On-hold phone messaging

Southwest Gas does not anticipate any incremental printing costs for bill inserts in 2021 and has forecasted costs related only to email blasts (\$2,000) for 2022.

### ***Table E – Compliance Obligation Over Time***

Southwest Gas has included its 2015 through 2020 verified emissions in Table E.

### ***Compliance Instrument Procurement Limit***

The Commission adopted a GHG compliance instrument procurement limit formula for the natural gas utilities in D.14-12-040. Pursuant to D.15-10-032, procurement limits shall be provided to the Energy Division confidentially. As such, Southwest Gas will provide its annual GHG procurement limit to the Energy Division under separate cover.

## **4. IRRAM Rate Adjustment**

D.21-03-052 authorizes Southwest Gas to recover costs associated with its three risk-based decision-making programs - Targeted Pipe Replacement Program (TPRP), Meter Protection Program (MPP) and School Customer-Owned Yard Line (COYL) Program – through its IRRAM. Given the timing of the D.21-03-052, Southwest Gas implemented its TPRP in 2021 and deferred implementation of its MPP and School COYL Program until 2022. The TPRP is only applicable to Southwest Gas' Southern California service territory, therefore, this Advice Letter only seeks authorization to adjust its IRRAM surcharge for its Southern California rate jurisdiction beginning January 1, 2022. The IRRAM rate calculation is set forth in Attachment E.

## **5. MHPCBA Rate Adjustments**

The calculation of Southwest Gas' 2022 MHPCBA surcharge to adjust rates for the "To the Meter" subaccount is provided in Attachment F.



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Page 5  
November 24, 2021

## **6. Natural Gas Leak Abatement Program Costs**

Resolution G-3538 approved Southwest Gas' 2018 and 2019 Natural Gas Leak Abatement Program (2018-2019 Leak Abatement Program) forecasted costs and applicable rates for recovery through its balancing accounts surcharges as set forth in Advice Letter Nos. 1055-A and 1055-B. Pursuant to OP 6 in Resolution G-3538:

The balance in the two-way balancing account shall be subject to refund or recovery from customers in the following year through the Annual Gas True up advice letter filing

Southwest Gas did not forecast any new costs related to its 2020-2021 Leak Abatement Program. Accordingly, through this Advice Letter Southwest Gas only seeks to true up the balances in its Natural Gas Leak Abatement Program Balancing Account (NGLAPBA) and the New Environmental Regulatory Balancing Account (NERBA) for its 2018-2019 Leak Abatement Program costs approved in Resolution G-3538. The proposed rates are set forth in Attachment G.

### **Effective Date**

Southwest Gas believes this Advice Letter is subject to Energy Division disposition and should be classified as Tier 2, effective after Energy Division Approval, pursuant to General Order (GO) 96-B. Southwest Gas respectfully requests this Advice Letter be approved December 24, 2021, which is thirty (30) calendar days after the date submitted, with rates effective January 1, 2022.

### **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, 4<sup>th</sup> Floor  
San Francisco, CA 94102  
Email: [edtariffunit@cpuc.ca.gov](mailto: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:



Advice Letter No. 1192-G  
Page 6  
November 24, 2021

Ms. Valerie J. Ontiveroz  
Regulatory Manager/California  
Southwest Gas Corporation  
P.O. Box 98510  
Las Vegas, NV 89193-8510  
Email: [valerie.ontiveroz@swgas.com](mailto:valerie.ontiveroz@swgas.com)  
Facsimile: 702-364-3446

Please direct all other communications regarding this Advice Letter to the above-named individual.

**Notice**

Pursuant to Energy Industry Rule 3.1(1), 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 compliance with the various decisions noted herein.

**Service**

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

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By:   
Valerie J. Ontiveroz

Attachments

**Distribution List**

Advice Letter No. 1192-G

In conformance with GO 96-B, General Rule 4.3

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

Amy Yip-Kikugawa, Acting Director  
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Southern California Gas Company  
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[SDG&ETariffs@SempraUtilities.com](mailto:SDG&ETariffs@SempraUtilities.com)

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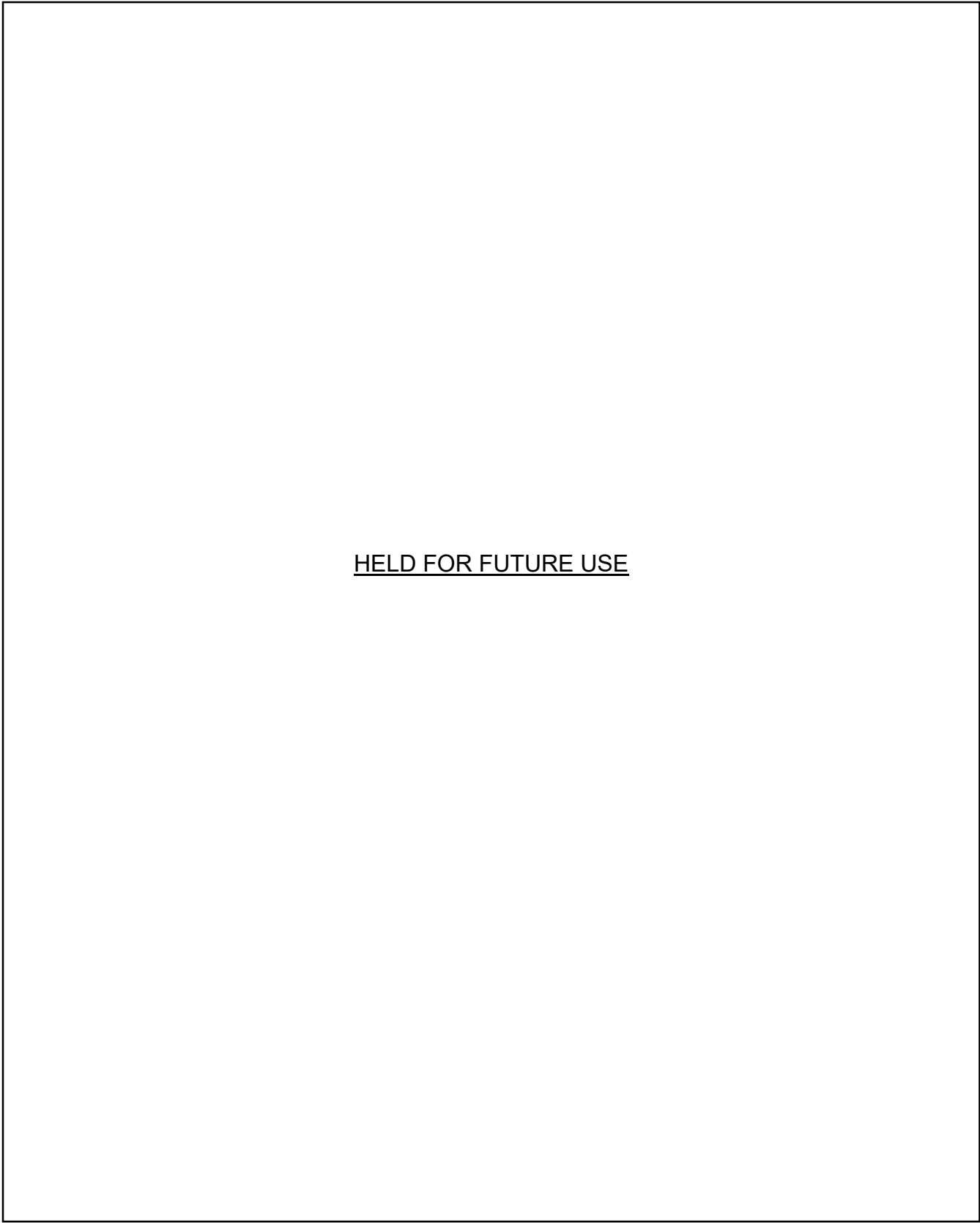
ATTACHMENT A  
Advice Letter No. 1192-G

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
1st Revised Sheet No. 45.20	HELD FOR FUTURE USE	Original Sheet No. 45.20
166th Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	164th Revised Sheet No. 65
168th Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	166th Revised Sheet No. 66
71st Revised Sheet No. 67	Statement of Rates - Rates Applicable to Southern California Service Area	70th Revised Sheet No. 67
163rd Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	161st Revised Sheet No. 68
165th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	163rd Revised Sheet No. 69
83rd Revised Sheet No. 70	Statement of Rates - Rates Applicable to Northern California Service Area	82nd Revised Sheet No. 70
165th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	163rd Revised Sheet No. 71
102nd Revised Sheet No. 72	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	100th Revised Sheet No. 72
23rd Revised Sheet No. 73	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	22nd Revised Sheet No. 73

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

Canceling \_\_\_\_\_  
1st Revised \_\_\_\_\_  
Original \_\_\_\_\_

Cal. P.U.C. Sheet No. 45.20  
Cal. P.U.C. Sheet No. 45.20



HELD FOR FUTURE USE

D/T

D/T

Advice Letter No. 1192  
Decision No. \_\_\_\_\_

Issued by  
Amy L. Timperley  
Vice President

Date Filed November 24, 2021  
Effective \_\_\_\_\_ T  
Resolution No. \_\_\_\_\_ T

**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		
<b>GS-10-Residential Gas Service</b>								
Basic Service Charge	\$ 5.75							\$ 5.75
Cost per Therm								
Baseline Quantities	\$ .79435	\$ .25169	\$ 1.04604	\$ .00577	\$ .14395	\$ .49305	\$ 1.68881	I
Tier II	\$ 1.00846	.25169	1.26015	.00577	.14395	.49305	1.90292	I
<b>GS-11-Residential Air-Conditioning Gas Service</b>								
Basic Service Charge	\$ 5.00							\$ 5.00
Cost per Therm								
Tier I	\$ .79435	\$ .25169	\$ 1.04604	\$ .00577	\$ .14395	\$ .49305	\$ 1.68881	I
Tier II	1.00846	.25169	1.26015	.00577	.14395	.49305	1.90292	I
Air-Conditioning	\$ .45180	.25169	.70349	.00577	.14395	.49305	1.34626	I
<b>GS-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$ .48653	\$ .25169	\$ .73822	\$ .00577	\$ .03714	\$ .49305	\$ 1.27418	I
Tier II	\$ .65782	.25169	.90951	.00577	.03714	.49305	\$ 1.44547	I
<b>GS-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ 1.24010	\$ .25169	\$ 1.49179	\$ .00577	\$ .14395	\$ .49305	\$ 2.13456	I
<b>GS-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .79435	\$ .25169	\$ 1.04604	\$ .00577	\$ .14395	\$ .49305	\$ 1.68881	I
Tier II	1.00846	.25169	1.26015	.00577	.14395	.49305	1.90292	I
<b>GS-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .79435	\$ .25169	\$ 1.04604	\$ .00577	\$ .14395	\$ .49305	\$ 1.68881	I
Tier II	1.00846	.25169	1.26015	.00577	.14395	.49305	1.90292	I
Submetered Discount per Occupied Space	(\$8.64)						(\$8.64)	
<b>GS-35-Agriculture Employee Housing &amp; Nonprofit Group Living Facility Gas Service</b>								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$ .42708	\$ .25169	\$ .67877	\$ .00577	\$ .03714	\$ .49305	\$ 1.21473	I
Next 500	\$ .28040	.25169	.53209	.00577	.03714	.49305	1.06805	I
Next 2,400	\$ .16308	.25169	.41477	.00577	.03714	.49305	.95073	I
Over 3,000	\$ .03446	.25169	.28615	.00577	.03714	.49305	.82211	I
<b>GS-40-Core General Gas Service (non-Covered Entities)</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$ .72003	\$ .25169	\$ .97172	\$ .00577	\$ .14395	\$ .49305	\$ 1.61449	I
Next 500	\$ .53669	.25169	.78838	.00577	.14395	.49305	1.43115	I
Next 2,400	\$ .39003	.25169	.64172	.00577	.14395	.49305	1.28449	I
Over 3,000	\$ .22926	.25169	.48095	.00577	.14395	.49305	1.12372	I

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

Schedule No. and Type of Charge	Margin	Charges [2] and Adjustments		Subtotal Gas Usage Rate	Other Surcharges		Gas Cost	Effective Sales Rate
					CPUC	PPP		
<b>GS-40-Core General Gas Service (Covered Entities)</b>								
Basic Service Charge	\$11.00							\$11.00
Transportation Service Charge	\$780.00							\$780.00
Cost per Therm								
First 100	\$ .72003	\$ .14580	\$ .86583	\$ .00577	\$ .14395	\$ .49305	\$ 1.50860	
Next 500	\$ .53669	.14580	.68249	.00577	.14395	.49305	1.32526	
Next 2,400	\$ .39003	.14580	.53583	.00577	.14395	.49305	1.17860	
Over 3,000	\$ .22926	.14580	.37506	.00577	.14395	.49305	1.01783	
<b>GS-50-Core Natural Gas Service for Motor Vehicles</b>								
Basic Service Charge	\$25.00							\$25.00
Cost per Therm	\$ .15850	\$ .25169	\$ .41019	\$ .00577	\$ .14395	\$ .49305	\$ 1.05296	
<b>GS-60-Core Internal Combustion Engine Gas Service</b>								
Basic Service Charge	\$25.00							\$25.00
Cost per Therm	\$ .23872	\$ .25169	\$ .49041	\$ .00577	\$ .14395	\$ .49305	\$ 1.13318	
<b>GS-66-Core Small Electric Power Generation Gas Service</b>								
Basic Service Charge	\$25.00							\$25.00
Cost per Therm	\$ .34950	\$ .25169	\$ .60119	\$ .00577		\$ .49305	\$ 1.10001	
<b>GS-70-Noncore General Gas Transportation Service</b>								
Basic Service Charge	\$100.00							\$100.00
Transportation Service Charge	\$780.00							\$780.00
Cost per Therm	\$ .17085	\$ .16046	\$ .33131	\$ .00577	\$ .14395		\$ .48103	
<b>GS-VIC City of Victorville Gas Service</b>								
Basic Service Charge	\$11.00							\$ 11.00
Transportation Service Charge	\$780.00							\$780.00
Cost per Therm	\$ .15111	\$ .26582	\$ .41693	\$ .00577		\$ .49305	\$ .91575	
<b>TFF-Transportation Franchise Fee Surcharge Provision</b>								
TFF Surcharge per Therm								\$ .00678
<b>TDS – Transportation Distribution System Shrinkage Charge</b>								
TDS Charge per Therm								\$ .00251
<b>MHPS-Master-Metered Mobile Home Park Safety Inspection Provision</b>								
MHPS Surcharge per Space per Month								\$ .21000



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

[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 0.51%. 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] The Charges and Adjustments applicable to each tariff rate schedule includes the following components:

Charges and Adjustments Description	GS-10, GS-11, GS-12, GS-15, GS-20, GS-25, GS-35,	GS-40 (non-Covered Entities), GS-50, GS-60, GS-66	GS-40, (Covered Entities)	GS-70	GS-VIC
Upstream Intrastate Charges					
Storage	\$ .02646		\$ .02646		\$ .02646
Variable	.06814		.06814	\$ .06814	.06814
Upstream Interstate Reservation Charges	.05652		.05652		.05652
IRRAM Surcharge	.00196		.00196	.00196	.00196
Balancing Account Adjustments					
FCAM*	( .01391)		( .01391)	( .02216)	( .01391)
ITCAM	.00929		.00929	.00929	.00929
GHGBA**					
Non-Covered Entities [a]	.10710			.10710	.10710
Covered Entities [a]			.00121		
NERBA	( .00091)		( .00091)	( .00091)	
NGLAPBA	( .01028)		( .01028)	( .01028)	
MHPCBA	( .00294)		( .00294)	( .00294)	
CDMIBA	.01026		.01026	.01026	.01026
<b>Total Charges and Adjustments</b>	<b>\$ .25169</b>		<b>\$ .14580</b>	<b>\$ .16046</b>	<b>\$ .26582</b>

\* The FCAM surcharge includes an amount of (\$.02216) 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).

[a] Pursuant to D.18-03-017, Covered and non-Covered entities have a component to recover the 2015-2017 net compliance costs and proceeds amortized over a twelve month period. Also included are the 2018 GHG costs which are amortized over an eighteen month period.

**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		
<b>GN-10-Residential Gas Service</b>								
Basic Service Charge	\$ 5.75							\$ 5.75
Cost per Therm								
Baseline Quantities	\$ .70997	\$ .34479	\$ 1.05476	\$ .00577	\$ .04621	\$ .63170	\$ 1.73844	
Tier II	.83520	.34479	1.17999	.00577	.04621	.63170	1.86367	
<b>GN-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$ .37268	\$ .34479	\$ .71747	\$ .00577	\$ .03714	\$ .63170	\$ 1.39208	
Tier II	.47286	.34479	.81765	.00577	.03714	.63170	1.49226	
<b>GN-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ .88193	\$ .34479	\$ 1.22672	\$ .00577	\$ .04621	\$ .63170	\$ 1.91040	
<b>GN-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .70997	\$ .34479	\$ 1.05476	\$ .00577	\$ .04621	\$ .63170	\$ 1.73844	
Tier II	.83520	.34479	1.17999	.00577	.04621	.63170	1.86367	
<b>GN-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .70997	\$ .34479	\$ 1.05476	\$ .00577	\$ .04621	\$ .63170	\$ 1.73844	
Tier II	.83520	.34479	1.17999	.00577	.04621	.63170	1.86367	
Submetered Discount per Occupied Space	(\$ 9.33)							(\$ 9.33)
<b>GN-35-Agriculture Employee Housing &amp; Nonprofit Group Living Facility Gas Service</b>								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$ .28654	\$ .34479	\$ .63133	\$ .00577	\$ .03714	\$ .63170	\$ 1.30594	
Next 500	.16229	.34479	.50708	.00577	.03714	.63170	1.18169	
Next 2,400	.05676	.34479	.40155	.00577	.03714	.63170	1.07616	
Over 3,000	(.10070)	.34479	.24409	.00577	.03714	.63170	.91870	
<b>GN-40-Core General Gas Service (non-Covered Entities)</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$ .60230	\$ .34479	\$ .94709	\$ .00577	\$ .04621	\$ .63170	\$ 1.63077	
Next 500	.44699	.34479	.79178	.00577	.04621	.63170	1.47546	
Next 2,400	.31507	.34479	.65986	.00577	.04621	.63170	1.34354	
Over 3,000	.11825	.34479	.46304	.00577	.04621	.63170	1.14672	

**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
<b>GN-40-Core General Gas Service (Covered Entities)</b>							
Basic Service Charge	\$ 11.00						\$ 11.00
Transportation Service Charge	\$780.00						\$780.00
Cost per Therm							
First 100	\$ .60230	\$ .23890	\$ .84120	\$ .00577	\$ .04621	\$ .63170	\$ 1.52488
Next 500	.44699	.23890	.68589	.00577	.04621	.63170	1.36957
Next 2,400	.31507	.23890	.55397	.00577	.04621	.63170	1.23765
Over 3,000	.11825	.23890	.35715	.00577	.04621	.63170	1.04083
<b>GN-50-Core Natural Gas Service for Motor Vehicles</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .02696	\$ .34479	\$ .37175	\$ .00577	\$ .04621	\$ .63170	\$ 1.05543
<b>GN-60-Core Internal Combustion Engine Gas Service</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .27228	\$ .34479	\$ .61707	\$ .00577	\$ .04621	\$ .63170	\$ 1.30075
<b>GN-66-Core Small Electric Power Generation Gas Service</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .27228	\$ .34479	\$ .61707	\$ .00577		\$ .63170	\$ 1.25454
<b>GN-70-Noncore General Gas Transportation Service</b>							
Basic Service Charge	\$ 100.00						\$ 100.00
Transportation Service Charge	\$ 780.00						\$ 780.00
Cost per Therm	\$ .11337	\$ .07510	\$ .18847	\$ .00577	\$ .04621		\$ .24045
<b>TFF-Transportation Franchise Fee Surcharge Provision</b>							
TFF Surcharge per Therm							\$ .01053
<b>TDS – Transportation Distribution System Shrinkage Charge</b>							
TDS Charge per Therm							\$ .00474
<b>MHPS-Master-Metered Mobile Home Park Safety Inspection Provision</b>							
MHPS Surcharge per Space per Month							\$ .21000

STATEMENT OF RATES

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

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

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

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

Charges and Adjustments Description	GN-10, GN-12, GN-15, GN-20, GN-25, GN-35,	GN-40 (non-Covered Entities), GN-50, GN-60, GN-66	GN-40, (Covered Entities)	GN-70
Upstream Interstate Charges				
Storage	\$ .03566		\$ .03566	
Reservation	.21495		.21495	
IRRAM Surcharge	.00000		.00000	\$ .00000
Balancing Account Adjustments				
FCAM*	( .01137)		( .01137)	( .03045)
GHGBA**				
Non-Covered Entities [a]	.10710			.10710
Covered Entities [a]			.00121	
NERBA	( .00083)		( .00083)	( .00083)
NGLAPBA	( .00706)		( .00706)	( .00706)
MHPCBA	( .00083)		( .00083)	( .00083)
CDMIBA	.00717		.00717	.00717
<b>Total Charges and Adjustments</b>	<b>\$ .34479</b>		<b>\$ .23890</b>	<b>\$ .07510</b>

\* The FCAM surcharge includes an amount of (\$.08575) 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).

[a] Pursuant to D.18-03-017, Covered and non-Covered entities have a component to recover the 2015-2017 net compliance costs and proceeds amortized over a twelve month period. Also included are the 2018 GHG costs which are amortized over an eighteen month period.

**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		
<b>SLT-10-Residential Gas Service</b>								
Basic Service Charge	\$ 5.75							\$ 5.75
Cost per Therm								
Baseline Quantities	\$ .54165	\$ .50643	\$ 1.04808	\$ .00577	\$ .04621	\$ .63170	\$ 1.73176	
Tier II	.65219	.50643	1.15862	.00577	.04621	.63170	1.84230	
<b>SLT-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$ .20569	\$ .50643	\$ .71212	\$ .00577	\$ .03714	\$ .63170	\$ 1.38673	
Tier II	.29413	.50643	.80056	.00577	.03714	.63170	1.47517	
<b>SLT-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ .73040	\$ .50643	\$ 1.23683	\$ .00577	\$ .04621	\$ .63170	\$ 1.92051	
<b>SLT-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$ .54165	\$ .50643	\$ 1.04808	\$ .00577	\$ .04621	\$ .63170	\$ 1.73176	
Tier II	.65219	.50643	1.15862	.00577	.04621	.63170	1.84230	
<b>SLT-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$ .54165	\$ .50643	\$ 1.04808	\$ .00577	\$ .04621	\$ .63170	\$ 1.73176	
Tier II	.65219	.50643	1.15862	.00577	.04621	.63170	1.84230	
Submetered Discount per Occupied Space	(\$10.71)							(\$10.71)
<b>SLT-35-Agriculture Employee Housing &amp; Nonprofit Group Living Facility Gas Service</b>								
Basic Service Charge	\$ 8.80							\$ 8.80
Cost per Therm								
First 100	\$ .22708	\$ .50643	\$ .73351	\$ .00577	\$ .03714	\$ .63170	\$ 1.40812	
Next 500	.16089	.50643	.66732	.00577	.03714	.63170	1.34193	
Next 2,400	.09472	.50643	.60115	.00577	.03714	.63170	1.27576	
Over 3,000	(.01914)	.50643	.48729	.00577	.03714	.63170	1.16190	
<b>SLT-40-Core General Gas Service (non-Covered Entities)</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm								
First 100	\$ .56838	\$ .50643	\$ 1.07481	\$ .00577	\$ .04621	\$ .63170	\$ 1.75849	
Next 500	.48565	.50643	.99208	.00577	.04621	.63170	1.67576	
Next 2,400	.40293	.50643	.90936	.00577	.04621	.63170	1.59304	
Over 3,000	.26061	.50643	.76704	.00577	.04621	.63170	1.45072	

**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		
<b>SLT-40-Core General Gas Service (Covered Entities)</b>								
Basic Service Charge	\$11.00							\$11.00
Transportation Service Charge	\$780.00							\$780.00
Cost per Therm								
First 100	\$ .56838	\$ .40054	\$ .96892	\$ .00577	\$ .04621	\$ .63170		\$ 1.65260
Next 500	.48565	.40054	.88619	.00577	.04621	.63170		1.56987
Next 2,400	.40293	.40054	.80347	.00577	.04621	.63170		1.48715
Over 3,000	.26061	.40054	.66115	.00577	.04621	.63170		1.34483
<b>SLT-50-Core Natural Gas Service for Motor Vehicles</b>								
Basic Service Charge	\$11.00							\$11.00
Cost per Therm	\$ .44229	\$ .50643	\$ .94872	\$ .00577	\$ .04621	\$ .63170		\$ 1.63240
<b>SLT-60-Core Internal Combustion Engine Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$ .32853	\$ .50643	\$ .83496	\$ .00577	\$ .04621	\$ .63170		\$ 1.51864
<b>SLT-66-Core Small Electric Power Generation Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$ .32853	\$ .50643	\$ .83496	\$ .00577		\$ .63170		\$ 1.47243
<b>SLT-70-Noncore General Gas Transportation Service</b>								
Basic Service Charge	\$ 100.00							\$ 100.00
Transportation Service Charge	\$ 780.00							\$ 780.00
Cost per Therm	\$ .32236	\$ .23674	\$ .55910	\$ .00577	\$ .04621			\$ .61108
<b>TFF-Transportation Franchise Fee Surcharge Provision</b>								
TFF Surcharge per Therm								\$ .01053
<b>TDS-Transportation Distribution System Shrinkage Charge</b>								
TDS Charge per Therm								\$ .00474
<b>MHPS-Master-Metered Mobile Home Park Safety Inspection Provision</b>								
MHPS Surcharge per Space per Month								\$ .21000

STATEMENT OF RATES

RATES APPLICABLE TO SOUTH LAKE TAHOE SERVICE AREA [1]

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

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

Charges and Adjustments Description	SLT-10, SLT-12, SLT-15, SLT-20, SLT-25, SLT-35,	SLT-40 (non- Covered Entities), SLT-50, SLT-60, SLT-66	SLT-40, (Covered Entities)	SLT-70
Upstream Interstate Charges				
Storage	\$ .03566		\$ .03566	
Reservation	.21495		.21495	
IRRAM Surcharge	.00000		.00000	\$ .00000
Balancing Account Adjustments				
FCAM*	.13341		.13341	.11433
GHGBA**				
Non-Covered Entities [a]	.10710			.10710
Covered Entities [a]			.00121	
NERBA	( .00104)		( .00104)	( .00104)
NGLAPBA	( .00698)		( .00698)	( .00698)
MHPCBA	.01614		.01614	.01614
CDMIBA	.00719		.00719	.00719
Total Charges and Adjustments	\$ .50643		\$ .40054	\$ .23674

\* The FCAM surcharge includes an amount of \$.11433 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).

[a] Pursuant to D.18-03-017, Covered and non-Covered entities have a component to recover the 2015-2017 net compliance costs and proceeds amortized over a twelve month period. Also included are the 2018 GHG costs which are amortized over an eighteen month period.

**ADVICE LETTER NO. 1192**  
**ATTACHMENT B**

Customer Data Modernization Initiative Balancing Account (CDMIBA)



**SOUTHWEST GAS CORPORATION  
CUSTOMER DATA MODERNIZATION INITIATIVE BALANCE ACCOUNT (CDMIBA)  
SOUTHERN CALIFORNIA DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 970,479	1
2	Franchise and Uncollectibles Rate [2]	1.5925%	15,455	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 985,934</u>	3
4	Applicable Volumes (therms) [3]		96,086,539	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.01026</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

**SOUTHWEST GAS CORPORATION**  
**CUSTOMER DATA MODERNIZATION INITIATIVE BALANCE ACCOUNT (CDMIBA)**  
**NORTHERN CALIFORNIA DIVISION**  
**EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 191,829	1
2	Franchise and Uncollectibles Rate [2]	2.0218%	3,878	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 195,707</u>	3
4	Applicable Volumes (therms) [3]		27,281,377	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.00717</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

**SOUTHWEST GAS CORPORATION  
 CUSTOMER DATA MODERNIZATION INITIATIVE BALANCE ACCOUNT (CDMIBA)  
 SOUTH LAKE TAHOE DIVISION  
 EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 152,103	1
2	Franchise and Uncollectibles Rate [2]	2.0218%	3,075	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 155,178</u>	3
4	Applicable Volumes (therms) [3]		21,587,013	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.00719</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

**ADVICE LETTER NO. 1192  
ATTACHMENT C**

FCAM, ITCAM and Transportation and Storage Rates

**SOUTHWEST GAS CORPORATION  
SOUTHERN CALIFORNIA DIVISION  
BALANCING ACCOUNT SURCHARGE RATES  
TWELVE-MONTH FORECAST PERIOD ENDING DECEMBER 31, 2022**

Line No.	Description (a)	Amount (b)	Rate per Therm (c)	Line No.
1	Franchises & Uncollectibles Rate [1]	1.593%		1
	<u>Fixed Cost Adjustment Mechanism (FCAM)</u>			
2	Upstream Fixed Charges Balance [2]	\$ 713,991		2
3	Total Core Volumes (Therms) [3]	87,899,749		3
4	Upstream Fixed Charges Included in Rates (Ln. 2/Ln.3)*(1+Ln.1)		<u>\$ 0.00825</u>	4
5	Margin Balance [2]	\$ (3,706,788)		5
6	General Rate Case Memorandum Account 2021 (GRCMA2021) Balance [4]	\$ 1,610,526		
7	Adjusted Margin Balance	\$ (2,096,262)		
8	Total Throughput Less Special Contract Volumes (Therms) [5]	96,086,539		8
9	Margin Balance Amount Included in Rates (Ln. 5/Ln.6)*(1+Ln.1)		<u>\$ (0.02216)</u>	9
10	Total FCAM Surcharge Rate (Ln. 4 + Ln. 7)		<u>\$ (0.01391)</u>	10
	<u>Intrastate Transportation Account Mechanism (ITCAM)</u>			
11	Upstream Variable Charges [2]	\$ 878,840		11
12	Total Throughput Less Special Contract Volumes (Therms) [5]	96,086,539		12
13	ITCAM Surcharge Rate (Ln. 9/Ln. 10)*(1+Ln.1)		<u>\$ 0.00929</u>	13

[1] Authorized by the Commission in D.21-03-052.

[2] Ending account balances at September 30, 2021.

[3] Core volumes for twelve-month forecast period ended December 31, 2022.

[4] Clearing of the GRCMA2021 approved in Advice Letter No. 1172.

[5] Total throughput, excluding special contract volumes for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
NORTHERN CALIFORNIA DIVISION  
BALANCING ACCOUNT SURCHARGE RATES  
TWELVE-MONTH FORECAST PERIOD ENDING DECEMBER 31, 2022**

Line No.	Description (a)	Amount (b)	Rate per Therm (c)	Line No.
1	Franchises & Uncollectibles Rate [1]	2.114%		1
	<u>Fixed Cost Account Mechanism (FCAM)</u>			
2	Upstream Fixed Charges Balance [2]	\$ 893,442		2
3	Total Core Volumes (Therms) [3]	47,809,510		3
4	Upstream Fixed Charges Included in Rates (Ln. 2/Ln.3)*(1+Ln.1)		<u>\$ 0.01908</u>	4
5	Margin Balance [2]	\$ (813,572)		5
6	General Rate Case Memorandum Account 2021 (GRCMA2021) Balance [4]	\$ (1,074,625)		
7	Adjusted Margin Balance	\$ (1,888,197)		
8	Total Throughput (Therms) [5]	27,281,377		8
9	Margin Balance Amount Included in Rates (Ln. 5/Ln.6)*(1+Ln.1)		<u>\$ (0.03045)</u>	9
10	Total FCAM Surcharge Rate (Ln. 4 + Ln. 7)		<u>\$ (0.01137)</u>	10

[1] Authorized by the Commission in D.21-03-052.

[2] Ending account balances at September 30, 2021.

[3] Core volumes for Northern California & South Lake Tahoe Jurisdictions for twelve-month forecast period ended December 31, 2022.

[4] Clearing of the GRCMA2021 approved in Advice Letter No. 1172.

[5] Northern California throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
SOUTH LAKE TAHOE DIVISION  
BALANCING ACCOUNT SURCHARGE RATES  
TWELVE-MONTH FORECAST PERIOD ENDING DECEMBER 31, 2022**

Line No.	Description (a)	Amount (b)	Rate per Therm (c)	Line No.
1	Franchises & Uncollectibles Rate [1]	2.114%		1
	<u>Fixed Cost Adjustment Mechanism (FCAM)</u>			
2	Upstream Fixed Charges Balance [2]	\$ 893,442		2
3	Total Core Volumes (Therms) [3]	47,809,510		3
4	Upstream Fixed Charges Included in Rates (Ln. 2/Ln.3)*(1+Ln.1)		<u>\$ 0.01908</u>	4
5	Margin Balance [2]	\$ 896,492		5
6	General Rate Case Memorandum Account 2021 (GRCMA2021) Balance [4]	\$ 1,520,404		
7	Adjusted Margin Balance	\$ 2,416,896		
8	Total Throughput (Therms) [5]	21,587,013		8
9	Margin Balance Amount Included in Rates (Ln. 5/Ln.6)*(1+Ln.1)		<u>\$ 0.11433</u>	9
10	Total FCAM Surcharge Rate (Ln. 4 + Ln. 7)		<u>\$ 0.13341</u>	10

[1] Authorized by the Commission in D.21-03-052.

[2] Ending account balances at September 30, 2021.

[3] Core volumes for Northern California & South Lake Tahoe Jurisdictions for twelve-month forecast period ended December 31, 2022.

[4] Clearing of the GRCMA2021 approved in Advice Letter No. 1172.

[5] South Lake Tahoe throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
SOUTHERN CALIFORNIA  
UPSTREAM PIPELINE CHARGES AND STORAGE COSTS  
TWELVE-MONTH FORECAST PERIOD ENDING DECEMBER 31, 2022**

Line No.	Description (a)	Annual Amount (b)	Rate per Therm (c)	Line No.
1	Franchise & Uncollectible Rate [1]		1.59250%	1
<u>Upstream Interstate Reservation Charges</u>				
2	Kern River Transmission Company (Kern) (Dth/Day)	1,584,100		2
3	G-BTS2 Southern California Gas Company (SoCal) Backbone Transportation Service (Dth/Day)	2,930,311		3
4	GT-SWGX SoCal Pisgah Meter Station (Months)	330,060		4
5	Total Annual Reservation Cost	<u>\$ 4,844,471</u>		5
6	Total Core Sales Volumes (Therms) [2]	87,081,895		6
7	Reservation Rate (Ln.5/Ln.6)*(1+Ln.1)		<u>\$ 0.05652</u>	7
<u>Upstream Intrastate Storage Charges</u>				
8	G-TBS SoCal Transaction Based Storage Service - Inventory Storage Reservation Charge (Dth/Day)	2,289,770		8
9	Total Annual Storage Cost	<u>\$ 2,289,770</u>		9
10	Total Core Volumes (Therms) [3]	87,899,749		10
11	Storage Rate (Ln.9/Ln.10)*(1+Ln.1)		<u>\$ 0.02646</u>	11
<u>Upstream Intrastate Variable Charges</u>				
12	GT-TLS (GT-9CA) SoCal Intrastate Transportation Service (Therms)	2,151,675		12
13	GT-SWGX SoCal Exchange Wholesale Natural Gas Service (Therms)	3,537,905		13
14	Southern California Gas Transmission Charge G-BTS2 Variable Kern Transmission Service (Therms)	729,465		14
15	Total Annual Variable Cost	<u>\$ 6,444,640</u>		15
16	Total Throughput (Therms) [4]	96,086,539		16
17	Variable Rate (Ln.15/Ln.16)*(1+Ln.1)		<u>\$ 0.06814</u>	17

[1] Authorized by the Commission in D.21-03-052.

[2] Core sales volumes for twelve-month forecast period ended December 31, 2022.

[3] Total core throughput for twelve-month forecast period ended December 31, 2022.

[4] Total throughput, excluding special contract volumes for twelve-month forecast period ended December 31, 2022.



**SOUTHWEST GAS CORPORATION**  
**NORTHERN CALIFORNIA RATE JURISDICTION AND SOUTH LAKE TAHOE RATE JURISDICTION**  
**UPSTREAM PIPELINE AND STORAGE COSTS**  
**TWELVE-MONTH FORECAST PERIOD ENDING DECEMBER 31, 2022**

Line No.	Description (a)	Annual Amount (b)	Rate per Therm (c)	Line No.
1	Franchise & Uncollectible Rate [1]		2.11400%	1
	<u>Upstream Interstate Reservation Charges</u>			
2	Northwest Pipeline	\$ 2,712,780		2
3	Great Basin FT-1 (F47, F50, F51)	5,306,671		3
4	Tuscarora Pipeline	1,587,458		4
5	Ruby Pipeline	309,168		5
6	Total Reservation Cost	<u>\$ 9,916,077</u>		6
7	Total Core Sales Volumes (Therms) [2]	47,107,485		7
8	Reservation Rate (Ln.8/Ln.2)*(1+Ln.1)		<u>\$ 0.21495</u>	8
	<u>Upstream Interstate Storage Charges</u>			
	Great Basin Company			
	LGS-1 Liquefied Gas Storage Service			
9	Storage Charge	\$ 1,113,406		9
10	Delivery Charge	556,132		10
11	Total Storage Cost	<u>\$ 1,669,537</u>		11
12	Total Core Throughput (Therms) [3]	47,809,510		12
13	Total Storage Rate (Ln.12/Ln.2)*(1+Ln.1)		<u>\$ 0.03566</u>	13

[1] Authorized by the Commission in D.21-03-052.

[2] Northern California and South Lake Tahoe core sales volumes for twelve-month forecast period ended December 31, 2022.

[3] Northern California and South Lake Tahoe core volumes, including Core Aggregators, for twelve-month forecast period ended December 31, 2022.

**ADVICE LETTER NO. 1192  
ATTACHMENT D**

GHG Costs, Allowance Proceeds and California Climate Credit  
(D.15-10-032 Attachment A Tables A – E)

**SOUTHWEST GAS CORPORATION (U 905 G)**  
**Advice Letter No. 1192**  
**D.15-10-032 - Appendix A**  
**Table A: Forecasted Revenue Requirement**

Line	Description	2020		2021		2022	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Gross Throughput (MMcf)						
2	Throughput to Covered Entities (MMcf)						
3	Net Throughput to End Users (MMcf)	14,595	14,473	14,399	14,589	14,589	
4	Lost and Unaccounted for Gas (MMcf) <sup>7</sup>	104	109	100	88	88	
5	<b>Total Supplied Gas (MMcf)</b> (Line 3 + Line 4)	<b>14,698</b>	<b>14,582</b>	<b>14,499</b>	<b>14,677</b>	<b>14,677</b>	
6	Emissions Conversion Factor (MTCO <sub>2</sub> e/MMcf)	54.64437	54.64437	54.64437	54.64437	54.64437	
7	Compliance Obligation for End Users and LUAF (MTCO <sub>2</sub> e) (Line 5 * Line 6)	803,169	796,851	792,312	802,035	802,035	
8	Compliance Obligation for Company Facilities (MTCO <sub>2</sub> e)	0	0	0	0	0	
9	<b>Gross Compliance Obligation (MTCO<sub>2</sub>e)</b> (Line 7 + Line 8)	<b>803,169</b>	<b>796,851</b>	<b>792,312</b>	<b>802,035</b>	<b>802,035</b>	
10	Directly Allocated Allowances	(656,821)	(656,821)	(630,579)	(604,337)	(604,337)	
11	Percentage Consigned to Auction	50%	50%	55%	60%	60%	
12	Consigned Allowances (Line 10 * Line 11)	328,410	328,410	346,818	362,602	362,602	
13	<b>Net Compliance Obligation (MTCO<sub>2</sub>e)</b> (Line 9 + Line 10+ Line 12)	<b>474,759</b>	<b>468,441</b>	<b>508,552</b>	<b>560,300</b>	<b>560,300</b>	
14	Proxy GHG Allowance Price <sup>3,4,5,6</sup>	\$ 18.04	\$ 17.04	\$ 18.14	\$ 29.43	\$ 29.43	
15	Compliance Instrument Cost	\$ 8,564,650	\$ 9,333,327	\$ 9,225,134	\$ 16,489,628	\$ 16,489,628	
16	Interest	\$ 139,604	\$ 152,133	\$ 146,956	\$ 262,680	\$ 262,680	
17	Franchise Fees & Uncollectibles <sup>7</sup>	\$ 8,704,253	\$ 9,512,089	\$ 9,372,090	\$ 16,754,109	\$ 16,754,109	
18	<b>Revenue Requirement</b> (Line 15 + Line 16 + Line 17)	<b>\$ 8,704,253</b>	<b>\$ 9,512,089</b>	<b>\$ 9,372,090</b>	<b>\$ 16,754,109</b>	<b>\$ 16,754,109</b>	
19	Previous Year's Cost Balancing Subaccount Balance	\$ 8,704,253	\$ 3,893,587	\$ 3,941,152	\$ (687,416)	\$ (687,416)	
20	<b>Revenue Requirement to be Included in Rates</b> (Line 18 + Line 19)	<b>\$ 0.00073</b>	<b>\$ 13,405,676</b>	<b>\$ 13,313,242</b>	<b>\$ 16,066,693</b>	<b>\$ 16,066,693</b>	
21	Covered Entity Rate Impact (\$/therm)	\$ 0.00073	\$ 0.00074	\$ 0.00074	\$ 0.00121	\$ 0.00121	
22	Non-Covered Entity Rate Impact (\$/therm)	\$ 0.05800	\$ 0.05800	\$ 0.08994	\$ 0.10710	\$ 0.10710	

**Footnotes**

- For the 2021 Forecast number, Southwest Gas received notification that a customer was leaving the system; therefore, they were not included in this number. That customer actually remained on the system and are included in the 2022 Forecast.
- Lost and unaccounted for gas (LAUFG) percentages were authorized in Southwest Gas' General Rate Case (GRC) Decision 14-06-028 prior to 2022. For Year 2022, the LAUFG percentages were updated and authorized in Southwest Gas' 1st GRC Decision 21-03-052.
- The forecasted proxy price is the April 23, 2018, futures settlement price for vintage year 2018 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated April 23, 2018, Futures Daily Market Report for Physical Environmental, "CAZ-California Carbon Allowance Future-Vintage 2019 - California Carbon Allowance Vintage 2019." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The forecasted proxy price is the November 6, 2019, futures settlement price for vintage year 2020 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated November 6, 2019, Futures Daily Market Report for Physical Environmental, "CAY-California Carbon Allowance Future-Vintage 2020." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The forecasted proxy price is the October 19, 2020, futures settlement price for vintage year 2021 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 19, 2020, Futures Daily Market Report for Physical Environmental, "CAZ-California Carbon Allowance Future-Vintage 2021 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The forecasted proxy price is the October 15, 2021, futures settlement price for vintage year 2022 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 15, 2021, Futures Daily Market Report for Physical Environmental, "CBO-California Carbon Allowance Future-Vintage 2022 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.
- The F&U rate used in this calculation was authorized by the Commission in D.21-03-052.

**SOUTHWEST GAS CORPORATION (U 905 G)**  
**Advice Letter No. 1192**  
**D.15-10-032 - Appendix A**  
**Table C. GHG Allowance Proceeds**

Line	Description	2020		2021		2022	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Proxy GHG Allowance Price (\$/MT) <sup>1,2,3</sup>	\$ 18.04	\$	18.14	\$	29.43	\$
2	Directly Allocated Allowances	656,821		630,579		604,337	
3		50%		55%		60%	
4	Consigned Allowances	328,410		346,818		362,602	
	<b>Total Supplied Gas (MIMEf) (Line 3 + Line 4)</b>						
5	Allowance Proceeds	\$ (5,924,521)	\$ (5,608,148)	\$ (6,291,282)	\$ (10,671,383)		
6	Previous Year's Revenue Balancing Subaccount Balance <sup>4</sup>	\$	\$ 321,798	\$ 118,022	\$ (802,218)		
7	Interest	\$	\$ (159)	\$ (213)	\$ 964.48		
8	<b>Subtotal Allowance Proceeds (\$)</b> (Line 5 + Line 6 + Line 7)	\$ (5,924,521)	\$ (5,286,509)	\$ (6,173,473)	\$ (11,472,636)		
9	<b>Outreach and Admin Expenses (\$)</b> (from Table D)	\$ 1,530	\$ 8,849	\$ 1,530	\$ 2,000	\$	\$
9b	<b>SB 1477 Compliance Costs<sup>5</sup></b>	\$ 815,000	\$ 1,222,500	\$ 815,000	\$ 815,000	\$	\$
10	<b>Net GHG Proceeds Available for Customer Returns (\$)</b> (Line 8 + Line 9 + Line 9b)	\$ (5,107,991)	\$ (4,055,160)	\$ (5,356,943)	\$ (10,655,636)	\$	\$
11	Number of Residential Households	192,481		194,298		195,762	
12	<b>Per Household California Climate Credit (\$)</b> (Line 10 / Line 11)	\$ 26.54	\$	\$ 27.57	\$	\$ 54.43	\$

**Footnotes**

1 The forecasted proxy price is the April 23, 2018, futures settlement price for vintage year 2018 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated April 23, 2018, Futures Daily Market Report for Physical Environmental, "CAX-California Carbon Allowance Future-Vintage 2019 - California Carbon Allowance Vintage 2019." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

2 The forecasted proxy price is the November 6, 2019, futures settlement price for vintage year 2020 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated November 6, 2019, Futures Daily Market Report for Physical Environmental, "CAY-California Carbon Allowance Future-Vintage 2020." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

3 The forecasted proxy price is the October 19, 2020, futures settlement price for vintage year 2021 allowances for delivery in December. The future settlements price was obtained from the Intercontinental Exchange dated October 19, 2020, Futures Daily Market Report for Physical Environmental, "CAZ-California Carbon Allowance Vintage 2021 Future." This methodology is consistent with Southwest Gas' methodology for forecasting gas supply prices.

4 Balance at September 30, 2021 (\$802,218), reflects compliance costs paid to date for SB 1477 (July 1, 2020 - \$815,000) and quarterly payments of \$203,750 made in 2020 on September 1 and December 1, and in 2021 on March 1, June 1 and September 1.)

5 Per D.20-03-027 and Resolution G-3565, Southwest Gas is required to allocate \$815,000 of its annual GHG Proceeds to help fund the BUILD program and TECH initiative. Revised 2020 Forecast costs to include SB 1477 funding AL 1126.

**SOUTHWEST GAS CORPORATION (U 905 G)**  
**Advice Letter No. 1192**  
**D.15-10-032 - Appendix A**

**Table D: GHG Outreach and Administrative Expenses**

Line	Description	2020		2021		2022	
		Forecast Recorded	Forecast Recorded	Forecast Recorded	Forecast Recorded	Forecast Recorded	Forecast Recorded
1	Outreach Expenses						
2	Detail of Outreach Activity (\$)						
3	Website Page						
4	Email Blasts	\$ 1,500	\$ 1,172	\$ 1,500	\$ 2,000		
5	Bill Insert		\$ 7,580				
6	On-Bill Message						
7	On-Hold Phone Message						
8	Post Phone Survey						
9	<b>Subtotal Outreach (\$)</b>	\$ 1,500	\$ 8,752	\$ 1,500	\$ 2,000	\$ -	\$ -
10	Administrative Expenses						
11	Detail of Administrative Activity (\$)						
12	Programming						
13	Testing						
14	<b>Subtotal Administrative (\$)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Subtotal Outreach and Administrative	\$ 1,500	\$ 8,752	\$ 1,500	\$ 2,000	\$ -	\$ -
16	Interest (\$)	\$ 30	\$ 96	\$ 30	\$ 40	\$ -	\$ -
17	<b>Total (\$)</b>	<b>\$ 1,530</b>	<b>\$ 8,849</b>	<b>\$ 1,530</b>	<b>\$ 2,040</b>	<b>\$ -</b>	<b>\$ -</b>

**SOUTHWEST GAS CORPORATION (U 905 G)  
Advice Letter No. 1192  
D.15-10-032 - Appendix A**

**Table E: Compliance Obligation Over Time**

	2015	2016 <sup>1</sup>	2017	2018	2019	2020
Natural Gas Fuel Supplier Compliance Obligation (MTCO <sub>2</sub> e)	668,077	695,026	718,067	725,918	842,332	789,622
Company Facility Compliance Obligation (MTCO <sub>2</sub> e)	0	0	0	0	0	0

<sup>1</sup>In Advice Letter No. 1072, Southwest Gas' Compliance Obligation was inadvertently noted as 695,462.

**ADVICE LETTER NO. 1192  
ATTACHMENT E**

INFRASTRUCTURE RELIABILITY AND REPLACEMENT ADJUSTMENT MECHANISM  
(IRRAM)

**SOUTHWEST GAS CORPORATION  
INFRASTRUCTURE RELIABILITY AND REPLACEMENT ADJUSTMENT MECHANISM (IRRAM)  
SOUTHERN CALIFORNIA DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 185,556	1
2	Franchise and Uncollectibles Rate [2]	1.5925%	2,955	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 188,511</u>	3
4	Applicable Volumes (therms) [3]		96,086,539	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.00196</u>	5

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[1] O&M and Capital costs incurred through October 31, 2021.  
[2] Authorized by the Commission in D.21-03-052.



**SOUTHWEST GAS CORPORATION  
INFRASTRUCTURE RELIABILITY AND REPLACEMENT ADJUSTMENT MECHANISM (IRRAM)  
NORTHERN CALIFORNIA DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 0	1
2	Franchise and Uncollectibles Rate [2]	2.0218%	0	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 0</u>	3
4	Applicable Volumes (therms) [3]		27,281,377	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.00000</u>	5

[1] O&M and Capital costs incurred through October 31, 2021.

[2] Authorized by the Commission in D.21-03-052.

**SOUTHWEST GAS CORPORATION**  
**INFRASTRUCTURE RELIABILITY AND REPLACEMENT ADJUSTMENT MECHANISM (IRRAM)**  
**SOUTH LAKE TAHOE DIVISION**  
**EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 0	1
2	Franchise and Uncollectibles Rate [2]	2.0218%	0	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 0</u>	3
4	Applicable Volumes (therms) [3]		21,587,013	4
5	Rate Applicable to all Rate Schedules		<u>\$ 0.00000</u>	5

[1] O&M and Capital costs incurred through October 31, 2021.

[2] Authorized by the Commission in D.21-03-052.

**ADVICE LETTER NO. 1192  
ATTACHMENT F**

MOBILEHOME PARK CONVERSION BALANCING ACCOUNT (MHPCBA)

**SOUTHWEST GAS CORPORATION  
MOBILEHOME PARK CONVERSION BALANCING ACCOUNT (MHPCBA)  
SOUTHERN CALIFORNIA DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	To the Meter Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ (270,729)	1
2	Franchise and Uncollectibles Rate [2]	1.5925%	(4,311)	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ (275,041)</u>	3
4	Applicable Volumes (therms) [3]		93,692,521	4
5	MHPCBA Rate Applicable to all Rate Schedules Except GS-VIC and Special Contract Customers		<u>\$ (0.00294)</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

[3] Throughput excluding GS-VIC and Special Contract for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
MOBILEHOME PARK CONVERSION BALANCING ACCOUNT (MHPCBA)  
NORTHERN CALIFORNIA DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	To the Meter Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ (22,103)	1
2	Franchise and Uncollectibles Rate [2]	2.1140%	(467)	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ (22,571)</u>	3
4	Applicable Volumes (therms) [3]		27,281,377	4
5	MHPCBA Rate Applicable to all Rate Schedules		<u>\$ (0.00083)</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

[3] Total throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
MOBILEHOME PARK CONVERSION BALANCING ACCOUNT (MHPCBA)  
SOUTH LAKE TAHOE DIVISION  
EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	To the Meter Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles [1]		\$ 341,213	1
2	Franchise and Uncollectibles Rate [2]	2.1140%	7,213	2
3	Revenue Requirement After Franchise and Uncollectibles		<u>\$ 348,426</u>	3
4	Applicable Volumes (therms) [3]		21,587,013	4
5	MHPCBA Rate Applicable to all Rate Schedules		<u>\$ 0.01614</u>	5

[1] O&M and Capital costs incurred through September 30, 2021.

[2] Authorized by the Commission in D.21-03-052.

[3] Total throughput for twelve-month forecast period ended December 31, 2022.

**ADVICE LETTER NO. 1192  
ATTACHMENT G**

New Environmental Regulatory Balancing Account (NERBA) and  
Natural Gas Leak Abatement Program Balancing Account (NGLAPBA)

**SOUTHWEST GAS CORPORATION  
SOUTHERN CALIFORNIA RATE JURISDICTION  
NEW ENVIRONMENTAL REGULATORY BALANCING ACCOUNT (NERBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (83,522)	1
2	Franchise and Uncollectibles Rate [1]	1.59%	\$ <u>(1,330)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u>(84,852)</u>	3
4	Applicable Volumes (therms) [2]		93,692,521	4
5	NERBA Rate Applicable to all Rate Schedules Except GS-VIC and Special Contract Customers		\$ <u>(0.00091)</u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] Total throughput, excluding GS-VIC and special contract volumes for twelve-month forecast period ended December 31, 2022.



**SOUTHWEST GAS CORPORATION  
SOUTHERN CALIFORNIA RATE JURISDICTION  
NATURAL GAS LEAK ABATEMENT PROGRAM BALANCING ACCOUNT (NGLAPBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (948,396)	1
2	Franchise and Uncollectibles Rate [1]	1.59%	\$ <u>(15,103)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u>(963,500)</u>	3
4	Applicable Volumes (therms) [2]		93,692,521	4
5	NGLAPBA Rate Applicable to all Rate Schedules Except GS-VIC and Special Contract Customers		\$ <u>(0.01028)</u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] Total throughput, excluding GS-VIC and special contract volumes for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
NORTHERN CALIFORNIA RATE JURISDICTION  
NEW ENVIRONMENTAL REGULATORY BALANCING ACCOUNT (NERBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (22,275)	1
2	Franchise and Uncollectibles Rate [1]	2.11%	\$ <u>(471)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u><u>(22,746)</u></u>	3
4	Applicable Volumes (therms) [2]		27,281,377	4
5	NERBA Rate Applicable to all Rate Schedules		\$ <u><u>(0.00083)</u></u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] Northern California throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
NORTHERN CALIFORNIA RATE JURISDICTION  
NATURAL GAS LEAK ABATEMENT PROGRAM BALANCING ACCOUNT (NGLAPBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (188,538)	1
2	Franchise and Uncollectibles Rate [1]	2.11%	\$ <u>(3,986)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u><u>(192,524)</u></u>	3
4	Applicable Volumes (therms) [2]		27,281,377	4
5	NGLAPBA Rate Applicable to all Rate Schedules		<u><u>\$ (0.00706)</u></u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] Northern California throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
SOUTH LAKE TAHOE RATE JURISDICTION  
NEW ENVIRONMENTAL REGULATORY BALANCING ACCOUNT (NERBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (21,932)	1
2	Franchise and Uncollectibles Rate [1]	2.11%	\$ <u>(464)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u><u>(22,395)</u></u>	3
4	Applicable Volumes (therms) [2]		21,587,013	4
5	NERBA Rate Applicable to all Rate Schedules		\$ <u><u>(0.00104)</u></u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] South Lake Tahoe throughput for twelve-month forecast period ended December 31, 2022.

**SOUTHWEST GAS CORPORATION  
SOUTH LAKE TAHOE RATE JURISDICTION  
NATURAL GAS LEAK ABATEMENT PROGRAM BALANCING ACCOUNT (NGLAPBA)  
REVENUE REQUIREMENT AND RATES  
TO BE EFFECTIVE JANUARY 1, 2022**

Line No.	Description (a)	Percent (b)	Amount (c)	Line No.
1	Revenue Requirement Before Franchise and Uncollectibles		\$ (147,620)	1
2	Franchise and Uncollectibles Rate [1]	2.11%	\$ <u>(3,121)</u>	2
3	Revenue Requirement After Franchise and Uncollectibles		\$ <u>(150,741)</u>	3
4	Applicable Volumes (therms) [2]		21,587,013	4
5	NGLAPBA Rate Applicable to all Rate Schedules		\$ <u>(0.00698)</u>	5

[1] Authorized by the Commission in D.21-03-052.

[2] South Lake Tahoe throughput for twelve-month forecast period ended December 31, 2022.

**ADVICE LETTER NO. 1192  
ATTACHMENT H**

Bill Impacts

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192  
AL Effective Date: 01/01/2022

Southern California

	Present Rates			Proposed Rates in AL 1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00		4.00	\$ 4.00		4.00				
Usage Rate [1]	32.63	0.67629	22.06	59.25	0.77646	46.01				[4]
PPP and CPUC	32.63	0.04291	1.40	59.25	0.04172	2.47				
Gas Cost	32.63	0.49305	16.09	59.25	0.49305	29.21				
Average Monthly Residential Gas Bill \$ (1)			\$ 43.55			\$ 81.69	\$ 38.14	\$ 0.09898		
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)									0.23%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.75		5.00	\$ 5.75		5.75				
Usage Rate [1]	32.63	0.96862	31.60	59.25	1.07448	63.66				[4]
PPP and CPUC	32.63	0.14972	4.88	59.25	0.16865	9.99				
Gas Cost	32.63	0.49305	16.09	59.25	0.49305	29.21				
Average Monthly Residential Gas Bill \$ (1)			\$ 57.57			\$ 108.62	\$ 51.05	\$ 0.12479		
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)									0.22%	

Notes

- [1] The usage rate includes baseline quantities, delivery and adjustment charges as of November 1, 2021.
- [2] The present rates average residential bill was calculated based on the average of Spring/Fall season (March, April & November) baseline quantities.
- [3] The proposed rates average residential bill was calculated based on the average of Winter Peak season (December through February) baseline quantities.
- [4] Decisions/Resolutions authorizing rate changes are listed below:

Margin - D-21-03-052  
FCAM, ITCAM, and upstream transportation and storage rates - GHGBA - D-15-10-032, as modified by D-18-03-017  
NERBA and NGLAPBA - Resolution G-3538

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192  
AL Effective Date: 01/01/2022

Northern California

	Present Rates			Proposed Rates in AL 1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00		4.00	\$ 4.00		\$ 4.00				
Usage Rate [1]	64.20	0.64963	41.71	99.60	0.75136	74.84				[4]
PPP and CPUC	64.20	0.04291	2.75	99.60	0.04172	4.16				
Gas Cost	64.20	0.63170	40.56	99.60	0.6317	62.92				
Average Monthly Residential Gas Bill \$ (1)			\$ 89.02			\$ 145.91	\$ 56.89	\$ 0.10054		
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)									0.11%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.00		5.00	\$ 5.00		\$ 5.00				
Usage Rate [1]	64.20	0.96996	62.27	99.60	1.07593	107.16				[4]
PPP and CPUC	64.20	0.05198	3.34	99.60	0.05822	5.80				
Gas Cost	64.20	0.63170	40.56	99.60	0.63170	62.92				
Average Monthly Residential Gas Bill \$ (1)			\$ 111.16			\$ 180.88	\$ 69.71	\$ 0.11221		
Average Monthly Residential Bill Increase or Decrease (\$)										
Average Monthly Residential Bill Increase or Decrease (%)									0.10%	

Notes

- [1] The usage rate includes baseline quantities, delivery and adjustment charges as of November 1, 2021.
- [2] The present rates average residential bill was calculated based on the average of Spring/Fall season (March, April & November) baseline quantities.
- [3] The proposed rates average residential bill was calculated based on the average of Winter Peak season (December through February) baseline quantities.
- [4] Decisions/Resolutions authorizing rate changes are listed below:

Margin - D.21-03-052  
FCAM, ITCAM, and upstream transportation and storage rates - GHGBA - D.15-10-032, as modified by D.18-03-017  
NERBA and NGLAPBA - Resolution G-3538



Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1192  
AL Effective Date: 01/01/2022

South Lake Tahoe

	Present Rates			Proposed Rates in AL 1192			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	11/01/2021 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	01/01/2022 Revenues \$000's	Revenue Change \$000's	Rate Change \$/therm	% Rate change %	
<b>CARE Residential Customers</b>										
Basic Service Charge	\$ 4.00		4.00	\$ 4.00		4.00				
Usage Rate [1]	61.20	0.60205	36.85	92.70	0.75236	69.74				[4]
PPP and CPUC	61.20	0.09484	5.80	92.70	0.04172	3.87				
Gas Cost	61.20	0.63170	38.66	92.70	0.6317	58.56				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 85.31			\$ 136.17	\$ 50.86			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.09719		
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.11%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.00		5.00	\$ 5.00		5.00				
Usage Rate [1]	61.20	0.91049	55.72	92.70	1.06398	98.63				[4]
PPP and CPUC	61.20	0.10391	6.36	92.70	0.05822	5.40				
Gas Cost	61.20	0.63170	38.66	92.70	0.63170	58.56				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 105.74			\$ 167.59	\$ 61.85			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.10780		
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.10%	

**Notes**

- [1] The usage rate includes baseline quantities, delivery and adjustment charges as of November 1, 2021.
- [2] The present rates average residential bill was calculated based on the average of Spring/Fall season (March, April & November) baseline quantities.
- [3] The proposed rates average residential bill was calculated based on the average of Winter Peak season (December through February) baseline quantities.

[4] Decisions/Resolutions authorizing rate changes are listed below:

- Margin - D.21-03-052
- FCAM, ITCAM, and upstream transportation and storage rates - GHGBA - D.15-10-032, as modified by D.18-03-017
- NERBA and INGLAPBA - Resolution G-3538



# 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 proposed<sup>1</sup>:

Pending advice letters that revise the same tariff sheets:

<sup>1</sup>Discuss 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](mailto: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:

## ENERGY Advice Letter Keywords

Affiliate	Direct Access	Preliminary Statement
Agreements	Disconnect Service	Procurement
Agriculture	ECAC / Energy Cost Adjustment	Qualifying Facility
Avoided Cost	EOR / Enhanced Oil Recovery	Rebates
Balancing Account	Energy Charge	Refunds
Baseline	Energy Efficiency	Reliability
Bilingual	Establish Service	Re-MAT/Bio-MAT
Billings	Expand Service Area	Revenue Allocation
Bioenergy	Forms	Rule 21
Brokerage Fees	Franchise Fee / User Tax	Rules
CARE	G.O. 131-D	Section 851
CPUC Reimbursement Fee	GRC / General Rate Case	Self Generation
Capacity	Hazardous Waste	Service Area Map
Cogeneration	Increase Rates	Service Outage
Compliance	Interruptible Service	Solar
Conditions of Service	Interutility Transportation	Standby Service
Connection	LIEE / Low-Income Energy Efficiency	Storage
Conservation	LIRA / Low-Income Ratepayer Assistance	Street Lights
Consolidate Tariffs	Late Payment Charge	Surcharges
Contracts	Line Extensions	Tariffs
Core	Memorandum Account	Taxes
Credit	Metered Energy Efficiency	Text Changes
Curtable Service	Metering	Transformer
Customer Charge	Mobile Home Parks	Transition Cost
Customer Owned Generation	Name Change	Transmission Lines
Decrease Rates	Non-Core	Transportation Electrification
Demand Charge	Non-firm Service Contracts	Transportation Rates
Demand Side Fund	Nuclear	Undergrounding
Demand Side Management	Oil Pipelines	Voltage Discount
Demand Side Response	PBR / Performance Based Ratemaking	Wind Power
Deposits	Portfolio	Withdrawal of Service
Depreciation	Power Lines	