

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



December 30, 2020

**Advice Letter 1154-G, AL 1154-G-A**

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

**SUBJECT: 2021 Annual Regulatory Balancing Account Update, and Transportation and Storage Adjustments.**

Dear Mr. Brown:

Advice Letter 1154-G, AL 1154-G-A is effective as of January 1, 2021.

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 18, 2020

**Advice Letter No. 1154-G-A**

(U 905 G)

Public Utilities Commission of the State of California

**Subject: Partial Supplement - 2021 Annual Regulatory Balancing Account Update, and Transportation and Storage Adjustments**

Southwest Gas Corporation (Southwest Gas or Company) 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 partially supplement Southwest Gas' Advice Letter No. 1154, submitted on November 30, 2020. Advice Letter No. 1154 is Southwest Gas' Annual Regulatory Balancing Accounts update for rates effective January 1, 2021, including forecasts and actual Greenhouse Gas (GHG) compliance costs and allowance revenue proceeds in accordance with (D.) 15-10-032, as modified by D.18-03-017. This partial supplement only addresses the D.15-10-032 Tables A through E, included in Attachment C to Advice Letter No. 1154.

**GHG Costs, Allowance Proceeds and California Climate Credit included in the 2021 Annual Regulatory Balancing Update**

In D.15-10-032, the Commission resolved Phase 2 issues in Rulemaking (R.) 14-03-003,<sup>1</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>2</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>3</sup> Additionally,

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<sup>1</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>2</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>3</sup> D.15-10-032, at pg. 19.



Resolution G-3565,<sup>4</sup> and subsequently D.20-03.027,<sup>5</sup> ordered the gas utilities to modify Table C of the Appendix A tables to include a Line 9b titled “SB 1477 Compliance Costs”<sup>6</sup> Southwest Gas utilized Tables A through E of Appendix A in D.15-10-032 as modified by Resolution G-3565 and D.20-03-027. The Appendix A tables were provided as Attachment C to Advice Letter No. 1154.

Upon Energy Division Staff’s review of Tables A through E, Southwest Gas determined that several revisions were required to Tables A, B and C due to either formulaic error in table cells or otherwise inadvertent errors. The revisions made to the Tables are set forth below and the updated Tables, with the below revisions highlighted in yellow, are provided in a similarly designated Attachment C to this Advice Letter.

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

- Line 15 – Compliance Instrument Cost
  - 2018 Recorded – \$4,066,475 has been updated to \$4,458,655, which correctly ties to the weighted average cost from Table B, in accordance with D.15-10-032. NOTE: 2018 Forecast and Recorded information was not shown in the original submission, yet is being shown in this partial supplement based on Energy Division Staff direction to demonstrate the correction.
  - 2019 Recorded – Updated from \$8,087,425 to \$7,617,878, which correctly ties to information provided in Table B in accordance with D.15-10-032.
- Line 16 – Interest – 2019 Recorded – Updated from \$16,984 to \$93,877.
- Line 19 – Previous Year’s Cost Balancing Subaccount Balance
  - 2019 Recorded – \$4,218,759 (balance at December 31, 2019) has been updated to a positive number
  - 2021 Forecast – \$3,941,152 has been included (balance at September 30, 2020).
- Line 22 – Non-Covered Entity Rate Impact - As a result of the inclusion of the Cost Balancing Subaccount Balance in the 2021 Forecast, the Non-Covered Entity Rate Impact increases from \$0.06334/therm to \$0.08996/therm.

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<sup>4</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>5</sup> D.23-03-027, *Decision Establishing Building Decarbonization Pilot Programs*, effective March 26, 2020, OP 3 at pgs. 106-107.

<sup>6</sup> The new Line 9B is used 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. Southwest Gas’ allocated portion of the funding is \$815,000 per year for four years beginning in 2020.



As discussed in Advice Letter No 1154, Southwest Gas considers Gross Throughput (Line 1) and Throughput to Covered Entities (Line 2) in Table A to be confidential, 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***

Table B contains confidential information, and the revisions to the information in these Tables has been reviewed directly with Energy Division Staff. For the purposes of this partial supplement, Table B 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 5 – Allowance Proceeds – 2019 Recorded – Updated from \$(8,427,500) to \$(5,064,556), the actual proceeds received from consigned allowances in 2019.
- Line 6 – Previous Year’s Revenue Balancing Subaccount Balance
  - 2019 Recorded – Updated from \$(427,641) to \$(461,609).
  - 2021 Forecast - \$118,022 has been included. This balance reflects Southwest Gas’ SB 1477 compliance costs paid in July 2020 of \$815,000 and September 2020 of \$203,750.
- Line 7 – Interest - \$(213) has been included.
- Line 12 – Per Household California Climate Credit – As a result of the inclusion of the Revenue Balancing Subaccount Balance in the 2021 Forecast, the Net GHG Proceeds Available for Customer Returns (Line 10) is updated and in turn the 2021 California Climate Credit decreases from \$28.18 to \$27.57.

As a result of the update to the Non-Covered Entity Rate Impact described above, the Statement of Rates tariff sheets (Attachment A) and Bill Impacts (Attachment F) for Southwest Gas’ three rate jurisdictions – Southern California, Northern California and South Lake Tahoe, California – have been updated and are included with this partial supplement to replace the tariff sheets and bill impacts submitted as Attachments A and F, respectively, to Advice Letter No. 1154. No other rates proposed in Advice Letter No. 1154 are affected by this partial supplement.

### **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



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approved December 30, 2020 along with the originally submitted Advice Letter No. 1154, with rates effective January 1, 2021.

### **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:

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

### **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 mailing copies of this Advice Letter and related tariff sheets to the utilities and interested parties shown on the attached list.

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Communications regarding this submission should be directed to:

Valerie J. Ontiveroz  
Regulatory Manager/California  
Southwest Gas Corporation  
P.O. Box 98510  
Las Vegas, NV 89193-8510  
Telephone: 702-876-7323  
Email: [valerie.ontiveroz@swgas.com](mailto:valerie.ontiveroz@swgas.com)

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By:   
Valerie J. Ontiveroz

Attachments

**Distribution List**

Advice Letter No. 1154-G-A

In conformance with GO 96-B, General Rule 4.3

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

Elizabeth Echols, Director  
Public Advocates Office  
[elizabeth.echols@cpuc.ca.gov](mailto:elizabeth.echols@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)

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[pearlie.sabino@cpuc.ca.gov](mailto:pearlie.sabino@cpuc.ca.gov)

ATTACHMENT A  
Advice Letter No. 1154-G-A

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
151st Revised Sheet No. 65	Statement of Rates - Rates Applicable to Southern California Service Area	148th and 150th* Revised Sheet No. 65
152nd Revised Sheet No. 66	Statement of Rates - Rates Applicable to Southern California Service Area	149th and 151st* Revised Sheet No. 66
66th Revised Sheet No. 67	Statement of Rates - Rates Applicable to Southern California Service Area	64 <sup>th</sup> and 65th* Revised Sheet No. 67
148th Revised Sheet No. 68	Statement of Rates - Rates Applicable to Northern California Service Area	145th and 147th* Revised Sheet No. 68
150th Revised Sheet No. 69	Statement of Rates - Rates Applicable to Northern California Service Area	147th and 149th* Revised Sheet No. 69
80th Revised Sheet No. 70	Statement of Rates - Rates Applicable to Northern California Service Area	78th and 79th* Revised Sheet No. 70
150th Revised Sheet No. 71	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	147th and 149th* Revised Sheet No. 71
87th Revised Sheet No. 72	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	84th and 86th* Revised Sheet No. 72
19th Revised Sheet No. 73	Statement of Rates - Rates Applicable to South Lake Tahoe Service Area	17th 18th* Revised Sheet No. 73

\*This sheet revision was superseded prior to issuance.



**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
		Adjustments			CPUC	PPP		
<b>GS-10-Residential Gas Service</b>								
Basic Service Charge	\$5.00							\$5.00
Cost per Therm								
Baseline Quantities	\$ .76495	\$ .17443	\$ .93938	\$ .00577	\$ .15990	\$ .36069	\$ 1.46574	I
Tier II	\$ .93622	.17443	1.11065	.00577	.15990	.36069	1.63701	I
<b>GS-11-Residential Air-Conditioning Gas Service</b>								
Basic Service Charge	\$5.00							\$5.00
Cost per Therm								
Tier I	\$ .76495	\$ .17443	\$ .93938	\$ .00577	\$ .15990	\$ .36069	\$ 1.46574	I
Tier II	.93622	.17443	1.11065	.00577	.15990	.36069	1.63701	I
Air-Conditioning	\$ .38247	.17443	.55690	.00577	.15990	.36069	1.08326	I
<b>GS-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$4.00							\$4.00
Cost per Therm								
Baseline Quantities	\$ .50494	\$ .17443	\$ .67937	\$ .00577	\$ .05606	\$ .36069	\$ 1.10189	R
Tier II	.64195	.17443	.81638	.00577	.05606	.36069	\$ 1.23890	R
<b>GS-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$6.00							\$6.00
Cost per Therm	\$1.16741	\$ .17443	\$ 1.34184	\$ .00577	\$ .15990	\$ .36069	\$ 1.86820	I
<b>GS-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$25.00							\$25.00
Cost per Therm								
Baseline Quantities	\$ .76495	\$ .17443	\$ .93938	\$ .00577	\$ .15990	\$ .36069	\$ 1.46574	I
Tier II	.93622	.17443	1.11065	.00577	.15990	.36069	1.63701	I
<b>GS-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$25.00							\$25.00
Cost per Therm								
Baseline Quantities	\$ .76495	\$ .17443	\$ .93938	\$ .00577	\$ .15990	\$ .36069	\$ 1.46574	I
Tier II	.93622	.17443	1.11065	.00577	.15990	.36069	1.63701	I
Submetered Discount per Occupied Space	(\$7.69)						(\$7.69)	
<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	\$ .43006	\$ .17443	\$ .60449	\$ .00577	\$ .05606	\$ .36069	\$ 1.02701	I
Next 500	.28886	.17443	.46329	.00577	.05606	.36069	.88581	I
Next 2,400	.17589	.17443	.35032	.00577	.05606	.36069	.77284	I
Over 3,000	.05701	.17443	.23144	.00577	.05606	.36069	.65396	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	\$ .67136	\$ .17443	\$ .84579	\$ .00577	\$ .15990	\$ .36069	\$ 1.37215	I
Next 500	\$ .49485	.17443	.66928	.00577	.15990	.36069	1.19564	I
Next 2,400	\$ .35364	.17443	.52807	.00577	.15990	.36069	1.05443	I
Over 3,000	\$ .20504	.17443	.37947	.00577	.15990	.36069	.90583	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			
<u>GS-40-Core General Gas Service (Covered Entities)</u>									
Basic Service Charge	\$11.00							\$11.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm									
First 100	\$ .67136	\$ .08522	\$ .75658	\$ .00577	\$ .15990	\$ .36069	\$ 1.28294		R
Next 500	\$ .49485	.08522	.58007	.00577	.15990	.36069	1.10643		R
Next 2,400	\$ .35364	.08522	.43886	.00577	.15990	.36069	.96522		R
Over 3,000	\$ .20504	.08522	.29026	.00577	.15990	.36069	.81662		R
<u>GS-50-Core Natural Gas Service for Motor Vehicles</u>									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$ .13201	\$ .17443	\$ .30644	\$ .00577	\$ .15990	\$ .36069	\$ .83280		I
<u>GS-60-Core Internal Combustion Engine Gas Service</u>									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$ .19735	\$ .17443	\$ .37178	\$ .00577	\$ .15990	\$ .36069	\$ .89814		I
<u>GS-LUZ-Solar Electric Generation Gas Service</u>									
Basic Service Charge	\$50.00							\$50.00	
Cost per Therm	\$ .05648	(\$ .04823)	\$ .00825	\$ .00577			\$ .01402		R
<u>GS-66-Core Small Electric Power Generation Gas Service</u>									
Basic Service Charge	\$25.00							\$25.00	
Cost per Therm	\$ .29024	\$ .17443	\$ .46467	\$ .00577		\$ .36069	\$ .83113		I
<u>GS-70-Noncore General Gas Transportation Service</u>									
Basic Service Charge	\$100.00							\$100.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm	\$ .14462	\$ .10594	\$ .25056	\$ .00577	\$ .15990		\$ .41623		R
<u>GS-VIC City of Victorville Gas Service</u>									
Basic Service Charge	\$11.00							\$ 11.00	
Transportation Service Charge	\$780.00							\$780.00	
Cost per Therm	\$ .40232	\$ .17443	\$ .57675	\$ .00577		\$ .36069	\$ .94321		I
<u>TFF-Transportation Franchise Fee Surcharge Provision</u>									
TFF Surcharge per Therm								\$ .00427	
<u>TDS – Transportation Distribution System Shrinkage Charge</u>									
TDS Charge per Therm								\$ .00274	
<u>MHPS-Master-Metered Mobile Home Park Safety Inspection Provision</u>									
MHPS Surcharge per Space per Month								\$ .21000	

**STATEMENT OF RATES**  
**RATES APPLICABLE TO SOUTHERN CALIFORNIA DIVISION SCHEDULES [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 0.76%. 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	GS-LUZ
<b>Upstream Intrastate Charges</b>						
Storage	\$ .02621		\$ .02621		\$ .02621	
Variable	.06130		.06130	\$ .06130	.06130	
Upstream Interstate Reservation	.05299		.05299		.05299	
Charges						
IRRAM Surcharge	.00000		.00000	.00000		
<b>Balancing Account Adjustments</b>						
FCAM*	( .06360)		( .06360)	( .05289)	( .06360)	\$( .05289)
ITCAM	( .01167)		( .01167)	( .01167)	( .01167)	
<b>GHGBA**</b>						
Non-Covered Entities [a]	.08996			.08996	.08996	
Covered Entities [a]			.00074			.00074
NERBA	( .00049)		( .00049)	( .00049)	( .00049)	
NGLAPBA	.00998		.00998	.00998	.00998	
MHPCBA	.00584		.00584	.00584	.00584	
CDMIBA	.00391		.00391	.00391	.00391	.00391
<b>Total Charges and Adjustments</b>	<b>\$ .17443</b>		<b>\$ .08522</b>	<b>\$ .10594</b>	<b>\$ .17443</b>	<b>\$( .04823)</b>

\* The FCAM surcharge includes an amount of (\$.05289) 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	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$ .80448	\$ .25899	\$ 1.06347	\$ .00577	\$ .06385	\$ .27691	\$ 1.41000	I
Tier II	.91529	.25899	1.17428	.00577	.06385	.27691	1.52081	I
<b>GN-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$ .53640	\$ .25899	\$ .79539	\$ .00577	\$ .05606	\$ .27691	\$ 1.13413	I
Tier II	.62505	.25899	.88404	.00577	.05606	.27691	1.22278	I
<b>GN-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ .96527	\$ .25899	\$ 1.22426	\$ .00577	\$ .06385	\$ .27691	\$ 1.57079	I
<b>GN-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .80448	\$ .25899	\$ 1.06347	\$ .00577	\$ .06385	\$ .27691	\$ 1.41000	I
Tier II	.91529	.25899	1.17428	.00577	.06385	.27691	1.52081	I
<b>GN-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$ 25.00							\$ 25.00
Cost per Therm								
Baseline Quantities	\$ .80448	\$ .25899	\$ 1.06347	\$ .00577	\$ .06385	\$ .27691	\$ 1.41000	I
Tier II	.91529	.25899	1.17428	.00577	.06385	.27691	1.52081	I
Submetered Discount per Occupied Space	(\$11.01)							(\$11.01)
<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	\$ .39871	\$ .25899	\$ .65770	\$ .00577	\$ .05606	\$ .27691	\$ 1.01774	I
Next 500	.29233	.25899	.55132	.00577	.05606	.27691	.91137	I
Next 2,400	.18877	.25899	.44776	.00577	.05606	.27691	.80781	I
Over 3,000	.04022	.25899	.29921	.00577	.05606	.27691	.65925	I
<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	\$ .65899	\$ .25899	\$ .91798	\$ .00577	\$ .06385	\$ .27691	\$ 1.26451	I
Next 500	.52602	.25899	.78501	.00577	.06385	.27691	1.13154	I
Next 2,400	.39657	.25899	.65556	.00577	.06385	.27691	1.00209	I
Over 3,000	.21088	.25899	.46987	.00577	.06385	.27691	.81640	I

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

	Margin	Charges [3] and Adjustments	Subtotal Gas Usage Rate	Other Surcharges CPUC      PPP		Gas Cost	Effective Sales Rate
<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	\$ .65899	\$ .16977	\$ .82876	\$ .00577	\$ .06385	\$ .27691	\$ 1.17529
Next 500	.52602	.16977	.69579	.00577	.06385	.27691	1.04232
Next 2,400	.39657	.16977	.56634	.00577	.06385	.27691	.91287
Over 3,000	.21088	.16977	.38065	.00577	.06385	.27691	.72718
<b>GN-50-Core Natural Gas Service for Motor Vehicles</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .11030	\$ .25899	\$ .36929	\$ .00577	\$ .06385	\$ .27691	\$ .71582
<b>GN-60-Core Internal Combustion Engine Gas Service</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .31220	\$ .25899	\$ .57119	\$ .00577	\$ .06385	\$ .27691	\$ .91772
<b>GN-66-Core Small Electric Power Generation Gas Service</b>							
Basic Service Charge	\$ 25.00						\$ 25.00
Cost per Therm	\$ .29955	\$ .25899	\$ .55854	\$ .00577		\$ .27691	\$ .84122
<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	\$ .18724	\$ .01791	\$ .20515	\$ .00577	\$ .06385		\$ .27477
<b>TFF-Transportation Franchise Fee Surcharge Provision</b>							
TFF Surcharge per Therm							\$ .00383
<b>TDS – Transportation Distribution System Shrinkage Charge</b>							
TDS Charge per Therm							\$ .00155
<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	\$ .03519		\$ .03519	
Reservation	.19632		.19632	
IRRAM Surcharge	.00000		.00000	\$ .00000
Balancing Account Adjustments				
FCAM*	(.07563)		(.07563)	(.08520)
GHGBA**				
Non-Covered Entities [a]	.08996			.08996
Covered Entities [a]			.00074	
NERBA	(.00038)		(.00038)	(.00038)
NGLAPBA	.01015		.01015	.01015
MHPCBA	.00065		.00065	.00065
CDMIBA	.00273		.00273	.00273
<b>Total Charges and Adjustments</b>	<b>\$ .25899</b>		<b>\$ .16977</b>	<b>\$ .01791</b>

\* The FCAM surcharge includes an amount of (\$.08520) 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	\$ 5.00							\$ 5.00
Cost per Therm								
Baseline Quantities	\$ .35671	\$ .36717	\$ .72388	\$ .00577	\$ .06385	\$ .27691		\$ 1.07041
Tier II	.44425	.36717	.81142	.00577	.06385	.27691		1.15795
<b>SLT-12-CARE Residential Gas Service</b>								
Basic Service Charge	\$ 4.00							\$ 4.00
Cost per Therm								
Baseline Quantities	\$ .15655	\$ .36717	\$ .52372	\$ .00577	\$ .05606	\$ .27691		\$ .86246
Tier II	.22658	.36717	.59375	.00577	.05606	.27691		.93249
<b>SLT-15-Secondary Residential Gas Service</b>								
Basic Service Charge	\$ 6.00							\$ 6.00
Cost per Therm	\$ .49248	\$ .36717	\$ .85965	\$ .00577	\$ .06385	\$ .27691		\$ 1.20618
<b>SLT-20-Multi-Family Master-Metered Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$ .35671	\$ .36717	\$ .72388	\$ .00577	\$ .06385	\$ .27691		\$ 1.07041
Tier II	.44425	.36717	.81142	.00577	.06385	.27691		1.15795
<b>SLT-25-Multi-Family Master-Metered Gas Service-Submetered</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm								
Baseline Quantities	\$ .35671	\$ .36717	\$ .72388	\$ .00577	\$ .06385	\$ .27691		\$ 1.07041
Tier II	.44425	.36717	.81142	.00577	.06385	.27691		1.15795
Submetered Discount per Occupied Space	(\$7.69)							(\$ 7.69)
<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	\$ .22646	\$ .36717	\$ .59363	\$ .00577	\$ .05606	\$ .27691		\$ .95366
Next 500	.16997	.36717	.53714	.00577	.05606	.27691		.89717
Next 2,400	.11349	.36717	.48066	.00577	.05606	.27691		.84069
Over 3,000	.01851	.36717	.38568	.00577	.05606	.27691		.74572
<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	\$ .47071	\$ .36717	\$ .83788	\$ .00577	\$ .06385	\$ .27691		\$ 1.18441
Next 500	.40010	.36717	.76727	.00577	.06385	.27691		1.11380
Next 2,400	.32950	.36717	.69667	.00577	.06385	.27691		1.04320
Over 3,000	.21078	.36717	.57795	.00577	.06385	.27691		.92448

**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	\$ .47071	\$ .27796	\$ .74867	\$ .00577	\$ .06385	\$ .27691		\$ 1.09520
Next 500	.40010	.27796	.67806	.00577	.06385	.27691		1.02459
Next 2,400	.32950	.27796	.60746	.00577	.06385	.27691		.95399
Over 3,000	.21078	.27796	.48874	.00577	.06385	.27691		.83527
<b>SLT-50-Core Natural Gas Service for Motor Vehicles</b>								
Basic Service Charge	\$11.00							\$11.00
Cost per Therm	\$ .22708	\$ .36717	\$ .59425	\$ .00577	\$ .06385	\$ .27691		\$ .94078
<b>SLT-60-Core Internal Combustion Engine Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$ .25831	\$ .36717	\$ .62548	\$ .00577	\$ .06385	\$ .27691		\$ .97201
<b>SLT-66-Core Small Electric Power Generation Gas Service</b>								
Basic Service Charge	\$ 11.00							\$ 11.00
Cost per Therm	\$ .25831	\$ .36717	\$ .62548	\$ .00577		\$ .27691		\$ .90816
<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	\$ .19040	\$ .12609	\$ .31649	\$ .00577	\$ .06385			\$ .38611
<b>TFF-Transportation Franchise Fee Surcharge Provision</b>								
TFF Surcharge per Therm								\$ .00383
<b>TDS-Transportation Distribution System Shrinkage Charge</b>								
TDS Charge per Therm								\$ .00155
<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	\$ .03519		\$ .03519	
Reservation	.19632		.19632	
IRRAM Surcharge	.00000		.00000	\$ .00000
Balancing Account Adjustments				
FCAM*	.03263		.03263	.02306
GHGBA**				
Non-Covered Entities [a]	.08996			.08996
Covered Entities [a]			.00074	
NERBA	(.00042)		(.00042)	(.00042)
NGLAPBA	.00987		.00987	.00987
MHPCBA	.00101		.00101	.00101
CDMIBA	.00261		.00261	.00261
Total Charges and Adjustments	\$ .36717		\$ .27796	\$ .12609

\* The FCAM surcharge includes an amount of \$.02306 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. 1154  
ATTACHMENT C**

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. 1154-A**  
**D.15-10-032 - Appendix A**  
**Table A: Forecasted Revenue Requirement**

Line	Description	2018		2019		2020		2021	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Gross Throughput (MMcf)								
2	Throughput to Covered Entities (MMcf)								
3	Net Throughput to End Users (MMcf) (Line 1 + Line 2)	13,952		14,071	15,439	14,595	14,399		
4	Lost and Unaccounted for Gas (MMcf) <sup>1</sup>	98	98	99	111	104	100		
5	<b>Total Supplied Gas (MMcf)</b> (Line 3 + Line 4)	<b>14,050</b>	<b>13,404</b>	<b>14,170</b>	<b>15,550</b>	<b>14,698</b>	<b>14,499</b>		
6	Emissions Conversion Factor (MTCO <sub>2</sub> e/MMcf)	54.64437	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)	767,749	732,435	774,289	849,715	803,169	792,312		
8	Compliance Obligation for Company Facilities (MTCO <sub>2</sub> e)	0	0	0	0	0	0		
9	<b>Gross Compliance Obligation (MTCO<sub>2</sub>e)</b> (Line 7 + Line 8)	<b>767,749</b>	<b>732,435</b>	<b>774,289</b>	<b>849,715</b>	<b>803,169</b>	<b>792,312</b>		
10	Directly Allocated Allowances	(685,378)	(685,378)	(670,714)	(670,714)	(656,821)	(630,579)		
11	Percentage Consigned to Auction	40%	40%	45%	45%	50%	55%		
12	Consigned Allowances (Line 10 * Line 11)	274,151	274,151	301,821	301,821	328,410	346,818		
13	<b>Net Compliance Obligation (MTCO<sub>2</sub>e)</b> (Line 9 + Line 10 + Line 12)	<b>356,522</b>	<b>321,208</b>	<b>405,396</b>	<b>480,822</b>	<b>474,759</b>	<b>508,552</b>		
14	Proxy GHG Allowance Price <sup>2,3,4</sup>	\$ 15.08	14.87 \$	15.66 \$	16.82 \$	18.04	18.14		
15	Compliance Instrument Cost	\$ 5,376,350	4,458,655 \$	6,348,501	7,617,878 \$	8,564,650	9,225,134		
16	Interest		162,822		93,877				
17	Franchise Fees & Uncollectibles <sup>5</sup>	\$ 87,634	72,676 \$	103,481	124,171 \$	139,604	150,370		
18	<b>Revenue Requirement</b> (Line 15 + Line 16 + Line 17)	<b>\$ 5,463,984</b>	<b>\$ 4,694,153</b>	<b>\$ 6,451,981</b>	<b>\$ 7,835,926</b>	<b>\$ 8,704,253</b>	<b>\$ 9,375,504</b>		
19	Previous Year's Cost Balancing Subaccount Balance		(25,872)		4,218,759		3,941,152		
20	<b>Revenue Requirement to be Included in Rates</b> (Line 18 + Line 19)	<b>\$ 5,463,984</b>	<b>\$ 4,668,280</b>	<b>\$ 6,451,981</b>	<b>\$ 12,054,685</b>	<b>\$ 8,704,253</b>	<b>\$ 13,316,656</b>		
21	Covered Entity Rate Impact (\$/therm)	\$ 0.00061		\$ 0.00063		\$ 0.00073	\$ 0.00074		
22	Non-Covered Entity Rate Impact (\$/therm)	\$ 0.03809		\$ 0.04460		\$ 0.05800	\$ 0.08996		

**Footnotes**

1 Lost and unaccounted for gas percentages were authorized in Southwest Gas' last General Rate Case (GRC) Decision 14-06-028

2 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.

3 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.

4 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.

5 The F&U Rate was authorized in Southwest Gas' last General Rate Case (GRC) Decision 14-06-028

**SOUTHWEST GAS CORPORATION (U 905 G)**  
**Advice Letter No. 1154-A**  
**D.15-10-032 - Appendix A**  
**Table C: GHG Allowance Proceeds**

Line	Description	2019		2020		2021	
		Forecast	Recorded	Forecast	Recorded	Forecast	Recorded
1	Proxy GHG Allowance Price (\$/MT) <sup>1,2,3</sup>	\$ 15.66	\$	18.04	\$	18.14	
2	Directly Allocated Allowances	670,714		656,821		630,579	
3		45%		50%		55%	
4	Consigned Allowances	301,821		328,410		346,818	
	<b>Total Supplied Gas (MMcf)</b> (Line 3 + Line 4)						
5	Allowance Proceeds	\$ (4,726,522)	\$ (5,064,556)	\$ (5,924,521)	\$	\$ (6,291,282)	
6	Previous Year's Revenue Balancing Subaccount Balance <sup>4</sup>		\$ (461,609)			\$ 118,022	
7	Interest		\$ 16,984			\$ (213)	
8	<b>Subtotal Allowance Proceeds (\$)</b> (Line 5 + Line 6 + Line 7)	\$ (4,726,522)	\$ (5,509,181)	\$ (5,924,521)	\$ -	\$ (6,173,473)	\$ -
9	<b>Outreach and Admin Expenses (\$)</b> (from Table D)	\$ 64,260	\$ 11,790	\$ 1,530	\$ -	\$ 1,530	\$ -
9b	<b>SB 1477 Compliance Costs<sup>5</sup></b>			\$ 815,000	\$ -	\$ 815,000	\$ -
10	<b>Net GHG Proceeds Available for Customer Returns (\$)</b> (Line 8 + Line 9 + Line 9b)	\$ (4,662,262)	\$ (5,497,391)	\$ (5,107,991)	\$ -	\$ (5,356,943)	\$ -
11	Number of Residential Households	187,558		192,481		194,298	
12	<b>Per Household California Climate Credit (\$)</b> (Line 10 / Line 11)	\$ 24.86	\$	\$ 26.54	\$	\$ 27.57	

**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 for 2021 (\$118,022), reflects compliance costs paid for SB 1477 (July 1, 2020 - \$815,000; September 1, 2020 - \$203,750)

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 fundering AL 1126.

**SOUTHWEST GAS CORPORATION (U 905 G)  
Advice Letter No. 1154-A  
D.15-10-032 - Appendix A**

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

Line	Description	2019		2020		2021	
		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	\$ 5,000	\$ 1,155	\$ 1,500		\$ 1,500	
5	Bill Insert	\$ 3,000	\$ 6,927				
6	On-Bill Message						
7	On-Hold Phone Message						
8	Post Phone Survey	\$ 55,000					
9	<b>Subtotal Outreach (\$)</b>	\$ 63,000	\$ 8,082	\$ 1,500	\$ -	\$ 1,500	\$ -
10	Administrative Expenses						
11	Detail of Administrative Activity (\$)						
12	Programming						
13	Testing						
14	<b>Subtotal Administrative (\$)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Subtotal Outreach and Administrative	\$ 63,000	\$ 8,082	\$ 1,500	\$ -	\$ 1,500	\$ -
16	Interest (\$)	\$ 1,260	\$ 180	\$ 30	\$ -	\$ 30	\$ -
17	<b>Total (\$)</b>	\$ <b>64,260</b>	\$ <b>8,263</b>	\$ <b>1,530</b>	\$ -	\$ <b>1,530</b>	\$ -

**SOUTHWEST GAS CORPORATION (U 905 G)  
Advice Letter No. 1154-A  
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	
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. 1154  
ATTACHMENT F**

Bill Impacts

Southern California

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1154  
AL Effective Date: 1/1/2021

	Present Rates			Proposed Rates in AL 1154			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	12/1/2020 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	1/1/2021 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]	49.88	0.66557	33.20	49.88	0.67937	33.88				[3]
PPP and CPUC	49.88	0.06183	3.08	49.88	0.06183	3.08				
Gas Cost	49.88	0.36069	17.99	49.88	0.36069	17.99				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 58.27			\$ 58.96	\$ 0.69			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.01380		
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.02%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.00		5.00	\$ 5.00		\$ 5.00				
Usage Rate [1]	49.88	0.92213	45.99	49.88	0.93938	46.85				[3]
PPP and CPUC	49.88	0.16567	8.26	49.88	0.16567	8.26				
Gas Cost	49.88	0.36069	17.99	49.88	0.36069	17.99				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 77.24			\$ 78.10	\$ 0.86			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.01725		
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.02%	

**Notes**

[1] The usage rate includes baseline quantities, delivery and adjustment charges as of December 1, 2020.

[2] The average residential bill was calculated based on the average of winter season baseline quantities.

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

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

CDMIBA - D.20-07-016



Northern California

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1154  
AL Effective Date: 1/1/2021

	Present Rates			Proposed Rates in AL 1154			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	12/1/2020 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	1/1/2021 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]	79.95	0.69579	55.63	79.95	0.79539	63.59				[3]
PPP and CPUC	79.95	0.06183	4.94	79.95	0.06183	4.94				
Gas Cost	79.95	0.27691	22.14	79.95	0.27691	22.14				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 86.71			\$ 94.67	\$ 7.96			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.09960		
<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]	79.95	0.93896	75.07	79.95	1.06347	85.02				[3]
PPP and CPUC	79.95	0.06962	5.57	79.95	0.06962	5.57				
Gas Cost	79.95	0.27691	22.14	79.95	0.27691	22.14				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 107.77			\$ 117.73	\$ 9.95			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>								\$ 0.12451		
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.12%	

**Notes**

[1] The usage rate includes baseline quantities, delivery and adjustment charges as of December 1, 2020.

[2] The average residential bill was calculated based on the average of winter season baseline quantities.

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

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

CDMIBA - D.20-07-016

Salt Lake Tahoe

Residential Gas Rate and Bill Impacts of Rate Change Sought in AL 1154  
AL Effective Date: 1/1/2021

	Present Rates			Proposed Rates in AL 1154			Changes			Decisions / Resolutions authorizing rate change
	Volumes Mth [2]	Average Rate \$/therm	12/1/2020 Revenues \$000's	Volumes Mth	Proposed Rate \$/therm	1/1/2021 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]	84.90	0.41511	35.24	84.90	0.52372	44.46				[3]
PPP and CPUC	84.90	0.06183	5.25	84.90	0.06183	5.25				
Gas Cost	84.90	0.27691	23.51	84.90	0.27691	23.51				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 68.00			\$ 77.22	\$ 9.22			(D.) 20-07-016
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>							\$ 0.10861			
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.16%	
<b>Non-CARE Residential Customers</b>										
Basic Service Charge	\$ 5.00		5.00	\$ 5.00		\$ 5.00				
Usage Rate [1]	84.90	0.58812	49.93	84.90	0.72388	61.46				[3]
PPP and CPUC	84.90	0.06962	5.91	84.90	0.06962	5.91				
Gas Cost	84.90	0.27691	23.51	84.90	0.27691	23.51				
<i>Average Monthly Residential Gas Bill \$ ①</i>			\$ 84.35			\$ 95.88	\$ 11.53			
<i>Average Monthly Residential Bill Increase or Decrease (\$)</i>							\$ 0.13576			
<i>Average Monthly Residential Bill Increase or Decrease (%)</i>									0.16%	

**Notes**

[1] The usage rate includes baseline quantities, delivery and adjustment

[2] The average residential bill was calculated based on the average of

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

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

CDMIBA - D.20-07-016



# 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: