

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Southern California Gas Company
GAS (Corp ID 904)
Status of Advice Letter 5907G
As of March 7, 2022

Subject: Triennial Cost Allocation Proceeding (TCAP) Implementation - Decision (D.) 21-07-019

Division Assigned: Energy

Date Filed: 12-01-2021

Date to Calendar: 12-03-2021

Authorizing Documents: D2107019

Disposition:	Accepted
Effective Date:	01-01-2023

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

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PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov



Joseph Mock
Director
Regulatory Affairs

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December 1, 2021

Advice No. 5907
(U 904 G)

Public Utilities Commission of the State of California

**Subject: Triennial Cost Allocation Proceeding (TCAP) Implementation –
Decision (D.) 21-07-019**

Southern California Gas Company (SoCalGas) hereby submits for California Public Utilities Commission (Commission or CPUC) approval of illustrative transportation rates as of January 1, 2023, applicable throughout its service territory, as shown on Attachment A.

Purpose

This Advice Letter (AL) complies with Ordering Paragraph (OP) 1 of D.21-07-019, Decision Addressing San Diego Gas & Electric Company and Southern California Gas Company Petition for Modification of Decision 20-02-045 (TCAP Application), which includes:

No later than December 1, 2021, Applicants shall submit a Tier 2 Advice Letter to update its 2020 Triennial Cost Allocation Proceeding cost allocation, with embedded cost for storage and transmission based on 2020 recorded data and the long-run marginal costs escalated to 2023 dollars for the customer-related, medium- and high-pressure distribution functions. These rates shall be effective on January 1, 2023.

The revisions included in this AL present the changes necessary to implement D.21-07-019 pertaining to SoCalGas' 2020 TCAP cost allocation updates. The rate changes consistent with the updated cost allocation presented here represent illustrative rates as of January 1, 2023. San Diego Gas & Electric Company (SDG&E) is concurrently submitting AL 3042-G, for related changes in its illustrative rates associated with D.21-07-019. The rates presented here are "illustrative" since prior

to the effective date of January 1, 2023, there will be rate changes that go into effect and supersede the “illustrative” rates presented here.¹

Background

D.21-07-019 addresses SoCalGas’ and SDG&E’s February 26, 2021, petition for modification of D.20-02-045 seeking to add an OP directing the next TCAP filing be delayed until September 30, 2023.

SoCalGas’ 2020 TCAP was filed on July 31, 2018 as Application (A.) 18-07-024. D.20-02-045 adopted, among other things: 1) demand forecasts for core and noncore customers; 2) embedded costs for transmission and storage functions; 3) Long Run Marginal Costs (LRMC) for customer costs using the Rental Method; 4) a modified version of a proposal developed by the Commission’s Energy Division to allocate storage capacity based on the shifting inventory capacity of the Aliso Canyon Storage Facility; 5) several requests related to regulatory accounts and other administrative processes; 6) extension of the Second Daily Balancing Settlement through 2022; and 7) SoCalGas’ proposal to implement Senate Bill (SB) 711.

OP 1 in D.21-07-019 modifies D.20-02-045 by allowing an extension for SDG&E and SoCalGas, as follows:

San Diego Gas and Electric Company and Southern California Gas Company (Applicants) shall file their next Triennial Cost Allocation Proceeding Application on August 15, 2022, with rates effective as of January 1, 2024. No later than December 1, 2021, Applicants shall submit a Tier 2 Advice Letter to update its 2020 Triennial Cost Allocation Proceeding cost allocation, with embedded cost for storage and transmission based on 2020 recorded data and the long-run marginal costs escalated to 2023 dollars for the customer-related, medium- and high-pressure distribution functions. These rates shall be effective on January 1, 2023.

Updated Cost Allocation with Embedded Transmission and Storage Cost Based on 2020 Recorded Data

The Transmission and Storage embedded study updated to 2020 recorded data is consistent with the methodology used in TCAP 2020 and revised to comply with D.20-02-045.

Per D.20-02-045, OP 4 states the following:

[SDG&E and SoCalGas] are authorized to allocate transmission and storage costs in the following manner: a) use the most recent embedded

¹ Workpapers are available upon request.

costs from the Federal Energy Regulatory Commission 2 form; b) with respect to backbone transmission costs, SDG&E and SoCalGas shall allocate compressor station operation and management expenses based on mileage to both backbone transmission and local transmission; c) allocate 100 percent of the Administrative and General expenses using the key factor labor percentages; d) include asset retirement obligations in the embedded cost study; and e) assign Customer Advances for Construction amounts to distribution.

Note that where applicable, this AL incorporates the Aliso Canyon storage field updated capacities according to Commission D.21-11-008 issued on November 5, 2021, which increases the Aliso Canyon storage capacity from its current range of 0 to 34 Bcf to 0 to 41.16 Bcf to maintain reliability.

SoCalGas highlights the following observations regarding the 2020 recorded Embedded Storage Cost:

- Embedded storage cost includes Aliso Canyon Turbine Replacement, authorized in General Rate Case (GRC) D.19-09-051, as part of the base margin.
- For storage cost allocation, the percentage allocation for injection, inventory, and withdrawal changed due to updating Capital and Operating & Maintenance (O&M) Federal Energy Regulatory Commission (FERC) Accounts with 2020 net book value and 2020 O&M expenses, respectively.

Related to the updated transmission and storage embedded cost studies, SoCalGas highlights the following:

- As in the 2020 TCAP, SoCalGas and SDG&E used FERC Form 2 as source data for 2020 recorded, and excluded non-base margin related costs, as these costs are not authorized in base margin.
- In addition, Pipeline Safety Enhancement (PSEP) costs are excluded from TCAP cost studies. PSEP costs are either allocated directly to customer classes through balancing account amortization or are removed from GRC base margin and reallocated functionally.
- The rates included in this AL have been calculated using embedded costs consistent with these requirements. The following table provides the embedded costs of backbone transmission, local transmission, and storage consistent with the requirements of D.20-02-045.
- The detailed tables supporting the transmission and storage embedded cost studies are included in Attachment A.

\$000	<u>without FF&U</u>	<u>with FF&U</u>
Backbone Transmission	\$327,527	\$333,086
Local Transmission	\$124,361	\$126,472
Total Transmission Costs	<u>\$451,889</u>	<u>\$459,558</u>
 Embedded Storage Cost	 \$241,230	 \$245,324

Updated LRMCs for Customer-related, Medium-Pressure and High-Pressure Distribution Costs

D.21-07-019 authorized SoCalGas and SDG&E to update cost allocation based on 2016 recorded data and escalated to 2023 dollars for the customer-related medium and high-pressure distribution functions using the LRMC method. The rates included in this AL have been calculated using the LRMC method consistent with these requirements. The updated LRMCs for Customer-related, Medium-pressure Distribution and High-pressure Distribution functions along with respective marginal cost revenues are shown in the tables below, wherein the LRMC values have been escalated to 2023 dollars.²

² The table numbers are consistent with the table numbers in witness Marjorie Schmidt-Pines' 2020 TCAP testimony.

TABLE 1
UNSCALED LONG RUN MARGINAL COST REVENUES
CUSTOMER COST

Customer Class	Customer LRM \$/customer	Customer Count	Customer Cost \$000
	A	B	C
Residential	\$329	5,714,531	\$1,878,429
Core C/I	\$1,657	203,514	\$337,225
Gas A/C	\$7,240	4	\$29
Gas Engine	\$20,700	712	\$14,738
NGV	\$48,193	378	\$18,217
Total Core			\$2,248,638
Noncore C/I	\$59,676	593	\$35,390
Small EG	\$28,377	323	\$9,154
Large EG	\$171,973	67	\$11,454
EOR	\$92,363	34	\$3,140
Total Retail Noncore			\$59,138
Long Beach	\$861,668	1	\$862
SDG&E	\$1,574,340	1	\$1,574
Southwest Gas	\$742,663	1	\$743
Vernon	\$511,092	1	\$511
Ecogas	\$193,650	1	\$194
Total Wholesale			\$3,883
UBS	\$0	0	\$0
BTS	\$0	0	\$0
Total Noncore			\$63,022
Total SoCalGas			\$2,311,660

TABLE 2
UNSCALED LPMC COST REVENUES
DISTRIBUTION COSTS

Customer Class	Medium Pressure Distribution LPMC \$/mcf	Medium Pressure Distribution Peak Day (mcf)	Medium Pressure Distribution Costs \$000	High Pressure Distribution LPMC \$/mcf	High Pressure Distribution Peak Month Demand (mcf)	High Pressure Distribution Costs \$000
	A	B	C	D	E	F
Residential	\$232.39	2,327,403	\$540,861	\$4.76	37,986,877	\$180,763
Core C/I	\$232.39	527,626	\$122,614	\$4.76	11,298,836	\$53,766
Gas A/C	\$232.39	45	\$11	\$4.76	2,524	\$12
Gas Engine	\$232.39	2,524	\$587	\$4.76	89,085	\$424
NGV	\$232.39	19,041	\$4,425	\$4.76	1,149,783	\$5,471
Total Core			\$668,497			\$240,437
Noncore C/I	\$232.39	111,470	\$25,904	\$4.76	7,676,934	\$36,531
Small EG	\$232.39	19,008	\$4,417	\$4.76	726,597	\$3,458
Large EG	\$232.39	15,209	\$3,534	\$4.76	1,968,123	\$9,365
EOR	\$232.39	350	\$81	\$4.76	1,246,196	\$5,930
Total Retail Noncore			\$33,937			\$55,284
Long Beach	\$232.39	0	\$0	\$4.76	0	\$0
SDG&E	\$232.39	0	\$0	\$4.76	0	\$0
Southwest Gas	\$232.39	0	\$0	\$4.76	0	\$0
Vernon	\$232.39	0	\$0	\$4.76	0	\$0
Ecogas	\$232.39	0	\$0	\$4.76	0	\$0
Total Wholesale			\$0			\$0
UBS	\$232.39	0	\$0	\$4.76	0	\$0
BTS	\$0.00	0	\$0	\$0.00	0	\$0
Total Noncore			\$33,937			\$55,284
Total SoCalGas			\$702,435			\$295,721

TABLE 3
LRMC COST SCALED REVENUES
SCALED CUSTOMER & DISTRIBUTION COSTS
(\$000)

Customer Class	Customer Cost A	Medium Pressure Distribution B	High Pressure Distribution C	Unscaled LRM C Revenues D=A+B+C	Scalar E	Scaled LRM C Revenues F=D*E
Residential	\$1,878,429	\$540,861	\$180,763	\$2,600,054	65%	\$1,680,618
Core C/I	\$337,225	\$122,614	\$53,766	\$513,605	65%	\$331,983
Gas A/C	\$29	\$11	\$12	\$52	65%	\$33
Gas Engine	\$14,738	\$587	\$424	\$15,749	65%	\$10,180
NGV	\$18,217	\$4,425	\$5,471	\$28,113	65%	\$18,172
Total Core	\$2,248,638	\$668,497	\$240,437	\$3,157,572	65%	\$2,040,986
Noncore C/I	\$35,390	\$25,904	\$36,531	\$97,826	65%	\$63,232
Small EG	\$9,154	\$4,417	\$3,458	\$17,029	65%	\$11,007
Large EG	\$11,454	\$3,534	\$9,365	\$24,354	65%	\$15,742
EOR	\$3,140	\$81	\$5,930	\$9,152	65%	\$5,915
Total Retail Noncore	\$59,138	\$33,937	\$55,284	\$148,360	65%	\$95,897
Long Beach	\$862	\$0	\$0	\$862	65%	\$557
SDG&E	\$1,574	\$0	\$0	\$1,574	65%	\$1,018
Southwest Gas	\$743	\$0	\$0	\$743	65%	\$480
Vernon	\$511	\$0	\$0	\$511	65%	\$330
Ecogas	\$194	\$0	\$0	\$194	65%	\$125
Total Wholesale	\$3,883	\$0	\$0	\$3,883	65%	\$2,510
UBS	\$0	\$0	\$0	\$0	65%	\$0
BTS	\$0	\$0	\$0	\$0	65%	\$0
Total Noncore	\$63,022	\$33,937	\$55,284	\$152,243	65%	\$98,407
Total SoCalGas	\$2,311,660	\$702,435	\$295,721	\$3,309,816	65%	\$2,139,393

TABLE 4
ALLOCATION OF BASE MARGIN
(\$000)

Customer Class	Scaled LRM C	Uncollect	BTS	Local	NGV Public	Storage	Allocated Base
	Revenues						
	A	B	C	D	E	F	G
Residential	\$1,680,618	\$6,160	\$0	\$46,732	\$0	\$132,344	\$1,865,854
Core C/I	\$331,983	\$1,306	\$0	\$13,991	\$0	\$31,712	\$378,993
Gas A/C	\$33	\$0	\$0	\$3	\$0	\$15	\$52
Gas Engine	\$10,180	\$38	\$0	\$116	\$0	\$831	\$11,164
NGV	\$18,172	\$92	\$0	\$1,751	\$2,963	\$3,166	\$26,144
Total Core	\$2,040,986	\$7,597	\$0	\$62,592	\$2,963	\$168,068	\$2,282,206
Noncore C/I	\$63,232	\$470	\$0	\$16,681	\$0	\$15,634	\$96,018
Small EG	\$11,007	\$51	\$0	\$928	\$0	\$987	\$12,974
Large EG	\$15,742	\$477	\$0	\$24,871	\$0	\$25,084	\$66,175
EOR	\$5,915	\$0	\$0	\$2,111	\$0	\$2,113	\$10,139
Retail Noncore	\$95,897	\$999	\$0	\$44,591	\$0	\$43,819	\$185,306
Long Beach	\$557	\$0	\$0	\$1,257	\$0	\$806	\$2,619
SDG&E	\$1,018	\$0	\$0	\$14,494	\$0	\$29,803	\$45,315
Southwest Gas	\$480	\$0	\$0	\$1,378	\$0	\$672	\$2,530
Vernon	\$330	\$0	\$0	\$987	\$0	\$980	\$2,297
Ecogas	\$125	\$0	\$0	\$1,174	\$0	\$1,176	\$2,475
Total Wholesale	\$2,510	\$0	\$0	\$19,289	\$0	\$33,437	\$55,236
UBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BTS			\$333,086				\$333,086
Total Noncore	\$98,407	\$999	\$333,086	\$63,880	\$0	\$77,256	\$573,629
Total SoCalGas	\$2,139,393	\$8,596	\$333,086	\$126,472	\$2,963	\$245,324	\$2,855,834

TABLE 5
COST ALLOCATION COMPARISON
(\$000)

Customer Class	Proposed Allocation of Base Margin		Current Allocation of Base Margin	
	A	% Total B	C	% Total D
Residential	\$1,865,854	65.3%	\$2,010,929	70.4%
Core C/I	\$378,993	13.3%	\$401,673	14.1%
Gas A/C	\$52	0.0%	\$52	0.0%
Gas Engine	\$11,164	0.4%	\$11,976	0.4%
NGV	\$26,144	0.9%	\$27,134	1.0%
Total Core	\$2,282,206	79.9%	\$2,451,765	85.9%
Noncore C/I	\$96,018	3.4%	\$93,114	3.3%
Small EG	\$12,974	0.5%	\$13,615	0.5%
Large EG	\$66,175	2.3%	\$52,753	1.8%
EOR	\$10,139	0.4%	\$9,580	0.3%
Total Retail Noncore	\$185,306	6.5%	\$169,062	5.9%
Long Beach	\$2,619	0.1%	\$2,045	0.1%
SDG&E	\$45,315	1.6%	\$33,166	1.2%
Southwest Gas	\$2,530	0.1%	\$1,935	0.1%
Vernon	\$2,297	0.1%	\$1,759	0.1%
Ecogas	\$2,475	0.1%	\$1,799	0.1%
Total Wholesale	\$55,236	1.9%	\$40,704	1.4%
UBS	\$0	0.0%	\$0	0.0%
BTS	\$333,086	11.7%	\$194,303	6.8%
Total Noncore	\$573,629	20.1%	\$404,069	14.1%
Total SoCalGas	\$2,855,834	100.0%	\$2,855,834	100.0%

Backbone Transportation Service (BTS) Rate

The following table illustrates the change in allocated BTS revenue requirement. The regulatory accounts, GRC-authorized PSEP and BTS denominator are effective as of October 1, 2021.

	Present (October 2021)	Illustrative Proposed³ (January 2023)	increase (decrease)
Unbundled BTS Revenues w/FFU (\$000's)	\$240,854	\$397,161	\$156,307
PSRMA-BBT SCG w/o FFU \$000	\$380	\$380	\$0
PSRMA-BBT SDG&E w/o FFU \$000	\$0	\$0	\$0
SECCBA-BBT SCG w/o FFU \$000	\$20,615	\$20,615	\$0
SECCBA-BBT SDG&E w/o FFU \$000	\$918	\$918	\$0
SEEBA-BBT SCG w/o FFU \$000	\$5,642	\$5,642	\$0
SEEBA-BBT SDG&E w/o FFU \$000	\$135	\$135	\$0
SECCBA-BBT SCG - Phase 1b	\$563	\$563	\$0
SECCBA-BBT SDG&E - Phase 1b	\$0	\$0	\$0
SEEBA-BBT SCG - Phase 1b	\$0	\$0	\$0
SEEBA-BBT SDG&E - Phase 1b	\$0	\$0	\$0
SECCBA-BBT SCG - Phase 2	\$1,045	\$1,045	\$0
SECCBA-BBT SDG&E - Phase 2	\$0	\$0	\$0
SEEBA-BBT SCG - Phase 2	\$0	\$0	\$0
SEEBA-BBT SDG&E - Phase 2	\$0	\$0	\$0
TIMPBA-BBT SCG w/o FFU \$000	\$0	\$0	\$0
TIMPBA-BBT SCG w/o FFU \$000	\$0	\$0	\$0
BTBA w/o FFU (\$000's)	(\$37,244)	(\$37,244)	\$0
FFU Rate	1.0170	1.0170	0.0000
Balancing Accounts w/ FFU (\$000's)	(\$8,082)	(\$8,082)	\$0
SoCalGas PSEP GRC	\$80,408	\$80,408	
SoCalGas PSEP GRCM	\$22,844	\$22,844	
BTS Revenue w/FFU (\$000's)	<u>\$336,024</u>	<u>\$492,331</u>	<u>\$156,307</u>
BTS Demand Dth/Day	<u>2,514,457</u>	<u>2,514,457</u>	<u>0</u>
BTS rate w/FFU \$/dth day	<u>\$0.36613</u>	<u>\$0.53644</u>	<u>\$0.17031</u>

³ Updating the cost studies impacts transmission revenue requirement, including unbundled BTS Revenues. For illustrative January 1, 2023 rates, regulatory account balances and GRC PSEP are kept at the October 1, 2021 level.

Rate Impact by Class of Service

The table below summarizes the impact on revenue requirement by class due to the 2020 TCAP cost allocation update. See Attachment A for detailed rate impacts for each customer class.

Class of Service	Applicable Rate Schedules	Million\$ (Includes FF&U) Increase/(Decrease)
Core	GR, GS, GM, GO-AC, G-NGVR, GL, G10, G-AC, G-EN, G-NGV, GO-CEG	(\$173.6)
Noncore	GT-NC, G-TLS	\$27.8
Backbone Transportation Service (BTS)	G-BTS	\$156.3
System Total		\$10.5

Protest

Anyone may protest this AL to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this AL, which is December 21, 2021. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
 Attention: Tariff Unit
 505 Van Ness Avenue
 San Francisco, CA 94102

A copy of the protest should also be sent via e-mail to the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). Due to the COVID-19 pandemic, SoCalGas is currently unable to receive protests or comments to this AL via U.S. mail or fax. Please submit protests or comments to this AL via e-mail to the addresses shown below on the same date it is mailed or e-mailed to the Commission.

Attn: Grisel Juarez Velazquez
 Sr. Regulatory Tariff Administrator
 555 West Fifth Street, GT14D6
 Los Angeles, CA 90013-1011
 Facsimile No.: (213) 244-4957
 E-mail: GJuarezVelazquez@socalgas.com
 E-mail: Tariffs@socalgas.com

Effective Date

SoCalGas believes this AL is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to General Order (GO) 96-B. This submittal is consistent with OP 1 of D.21-07-019. Therefore, SoCalGas respectfully requests that this submittal become effective for service on January 1, 2023.

Notice

A copy of this AL is being sent to SoCalGas' GO 96-B service list and the Commission's service list in A.18-07-024. Address change requests to the GO 96-B service list should be directed via e-mail to Tariffs@socalgas.com or call 213-244-2837. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or via e-mail at Process_Office@cpuc.ca.gov.

/s/ Joseph Mock

Joseph Mock

Director – Regulatory Affairs

Attachments



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.:

Utility type:

ELC GAS WATER
 PLC HEAT

Contact Person:

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

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #:

Tier Designation:

Subject of AL:

Keywords (choose from CPUC listing):

AL Type: Monthly Quarterly Annual One-Time Other:

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

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

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

Confidential treatment requested? Yes No

If yes, specification of confidential information:

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

Resolution required? Yes No

Requested effective date:

No. of tariff sheets:

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

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

Tariff schedules affected:

Service affected and changes proposed¹:

Pending advice letters that revise the same tariff sheets:

¹Discuss in AL if more space is needed.

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

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

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

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

ATTACHMENT A

Advice No. 5907

Illustrative Rates

and

Transmission and Storage Costs

TABLE 1
Natural Gas Transportation Rates
Southern California Gas Company
October, 2021 Rates
11/23/21
2023 TCAP Filing

	Present Rates			Proposed Rates			Changes		
	Oct-1-21	Proposed	Oct-1-21	Jan-1-23	Proposed	Jan-1-23	Revenue	Rate	% Rate
	Volumes Mth A	Rate \$/therm B	Revenues \$000's C	Volumes Mth D	Rate \$/therm E	Revenues \$000's F	Change \$000's G	Change \$/therm H	change % I
1 CORE									
2 Residential	2,346,353	\$1.02690	\$2,409,460	2,346,353	\$0.96350	\$2,260,719	(\$148,741)	(\$0.06339)	-6.2%
3 Commercial & Industrial	992,706	\$0.55133	\$547,312	992,706	\$0.52832	\$524,463	(\$22,849)	(\$0.02302)	-4.2%
4									
5 NGV - Pre Sempra-Wide	178,769	\$0.27514	\$49,186	178,769	\$0.26981	\$48,233	(\$953)	(\$0.00533)	-1.9%
6 Sempra-Wide Adjustment	178,769	\$0.00292	\$523	178,769	(\$0.00284)	(\$508)	(\$1,031)	(\$0.00577)	-197.1%
7 NGV - Post Sempra-Wide	178,769	\$0.27806	\$49,709	178,769	\$0.26697	\$47,726	(\$1,983)	(\$0.01109)	-4.0%
8									
9 Gas A/C	416	\$0.20803	\$87	416	\$0.20835	\$87	\$0	\$0.00032	0.2%
10 Gas Engine	22,302	\$0.19777	\$4,411	22,302	\$0.19780	\$4,411	\$1	\$0.00003	0.0%
11 Total Core	3,540,545	\$0.85043	\$3,010,978	3,540,545	\$0.80140	\$2,837,405	(\$173,573)	(\$0.04902)	-5.8%
12									
13 NONCORE COMMERCIAL & INDUSTRIAL									
14 Distribution Level Service	919,735	\$0.15064	\$138,551	919,735	\$0.14926	\$137,282	(\$1,270)	(\$0.00138)	-0.9%
15 Transmission Level Service (2)	626,080	\$0.03314	\$20,748	626,080	\$0.03968	\$24,843	\$4,094	\$0.00654	19.7%
16 Total Noncore C&I	1,545,814	\$0.10305	\$159,300	1,545,814	\$0.10488	\$162,125	\$2,825	\$0.00183	1.8%
17									
18 NONCORE ELECTRIC GENERATION									
19 Distribution Level Service									
20 Pre Sempra-Wide	331,442	\$0.14353	\$47,572	331,442	\$0.14258	\$47,257	(\$315)	(\$0.00095)	-0.7%
21 Sempra-Wide Adjustment	331,442	(\$0.01192)	(\$3,951)	331,442	(\$0.00974)	(\$3,227)	\$724	\$0.00219	-18.3%
22 Distribution Post Sempra Wide	331,442	\$0.13161	\$43,621	331,442	\$0.13284	\$44,030	\$409	\$0.00123	0.9%
23 Transmission Level Service (2)	2,246,336	\$0.03190	\$71,660	2,246,336	\$0.03844	\$86,350	\$14,691	\$0.00654	20.5%
24 Total Electric Generation	2,577,778	\$0.04472	\$115,280	2,577,778	\$0.05058	\$130,380	\$15,100	\$0.00586	13.1%
25	0			28%					
26 TOTAL RETAIL NONCORE	4,123,593	\$0.06659	\$274,580	4,123,593	\$0.07093	\$292,505	\$17,925	\$0.00435	6.5%
27									
28 WHOLESALE									
29 Wholesale Long Beach (2)	79,646	\$0.02787	\$2,220	79,646	\$0.03441	\$2,741	\$521	\$0.00654	23.5%
30 Wholesale SWG (2)	66,431	\$0.02787	\$1,851	66,431	\$0.03441	\$2,286	\$434	\$0.00654	23.5%
31 Wholesale Vernon (2)	96,890	\$0.02787	\$2,700	96,890	\$0.03441	\$3,334	\$634	\$0.00654	23.5%
32 International (2)	116,299	\$0.02787	\$3,241	116,299	\$0.03441	\$4,002	\$761	\$0.00654	23.5%
33 Total Wholesale & International	359,267	\$0.02787	\$10,012	359,267	\$0.03441	\$12,362	\$2,350	\$0.00654	23.5%
34 SDG&E Wholesale	1,118,614	\$0.02790	\$31,212	1,118,614	\$0.03467	\$38,784	\$7,572	\$0.00677	24.3%
35 Total Wholesale Incl SDG&E	1,477,881	\$0.02789	\$41,225	1,477,881	\$0.03461	\$51,146	\$9,921	\$0.00671	24.1%
36									
37 TOTAL NONCORE	5,601,473	\$0.05638	\$315,805	5,601,473	\$0.06135	\$343,651	\$27,846	\$0.00497	8.8%
38									
39 Unbundled Storage (4)			\$0			\$0	\$0		
40 System Total (w/o BTS)	9,142,019	\$0.36390	\$3,326,783	9,142,019	\$0.34796	\$3,181,056	(\$145,727)	(\$0.01594)	-4.4%
41 Backbone Transportation Service BTS (3)	2,514	\$0.36613	\$336,024	2,514	\$0.53644	\$492,331	\$156,307	\$0.17031	46.5%
42 SYSTEM TOTAL w/BTS	9,142,019	\$0.40066	\$3,662,807	9,142,019	\$0.40181	\$3,673,386	\$10,580	\$0.00116	0.3%
43									
44 EOR Revenues	208,941	\$0.09096	\$19,004	208,941	\$0.09364	\$19,566	\$561	\$0.00269	3.0%
45 Total Throughput w/EOR Mth/yr	9,350,960			9,350,960					

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter." The Backbone Transportation Service (BTS) rate is for service from Receipt Point to Citygate.
- 2) These Transmission Level Service (TLS) amounts represent the average transmission rate, see Table 7 for detailed list of TLS rates.
- 3) BTS charge (\$/dth/day) is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge. Charge is for both core and noncore customers
- 4) Unbundled Storage costs are not part of the Core Storage or Load Balancing functions (those are included in transport rates).
- 5) All rates include Franchise Fees & Uncollectible charges.

TABLE 2
Residential Transportation Rates
Southern California Gas Company

11/23/21

2023 TCAP Filing

	Present Rates			Proposed Rates			Changes		
	Oct-1-21	Average	Oct-1-21	Jan-1-23	Rate	Jan-1-23	Revenue	Rate	% Rate
	Volumes	Rate	Revenue	Volumes	Rate	Revenue	Change	Change	change
	Mth	\$/th	\$000's	Mth	\$/th	\$000's	\$000's	\$/th	%
	A	B	C	D	E	F	G	H	I
1	RESIDENTIAL SERVICE								
2	Customer Charge								
3	3,808,652	\$5.00	\$228,519	3,808,652	\$5.00	\$228,519	\$0	\$0.00000	0.0%
4	1,784,011	\$5.00	\$107,041	1,784,011	\$5.00	\$107,041	\$0	\$0.00000	0.0%
5	121,819	\$5.00	\$7,309	121,819	\$5.00	\$7,309	\$0	\$0.00000	0.0%
6	141,547	(\$0.28800)	(\$14,879)	141,547	(\$0.34290)	(\$17,716)	(\$2,837)	(\$0.05490)	19.1%
7	Volumetric Transportation Rate Exclude CSITMA and CAT:								
8	1,619,181	\$0.71973	\$1,165,366	1,619,181	\$0.66088	\$1,070,085	(\$95,280)	(\$0.05884)	-8.2%
9	718,079	\$1.11363	\$799,676	718,079	\$1.04395	\$749,636	(\$50,040)	(\$0.06969)	-6.3%
10	2,337,260	\$0.98108	\$2,293,031	2,337,260	\$0.91769	\$2,144,874	(\$148,157)	(\$0.06339)	-6.5%
11	NBL/BL Ratio:								
12		\$1.27562			\$1.21502			(\$0.06060)	-4.8%
13		\$0.35332			\$0.35332			\$0.00000	0.0%
14		1.15			1.15				
15		0.39391			0.38307			(\$0.01084)	-2.8%
16									
17	Large Master Meter Rate (Excludes Rate Adders for CAT):								
18	49	\$497.53	\$295	49	\$497.53	\$295	\$0	\$0.00	0.0%
19	7,787	\$0.40980	\$3,191	7,787	\$0.34877	\$2,716	(\$475)	(\$0.06103)	-14.9%
20	1,306	\$0.63409	\$828	1,306	\$0.55093	\$719	(\$109)	(\$0.08316)	-13.1%
21	9,093	\$0.47445	\$4,314	9,093	\$0.41024	\$3,730	(\$584)	(\$0.06421)	-13.5%
22									
23	Residential Rates Include CSITMA, CARB and GHG Excludes CAT:								
24	1,686,545	\$0.00136	\$2,287	1,686,545	\$0.00136	\$2,287	\$0	\$0.00000	0.0%
25	2,346,353	\$0.00152	\$3,563	2,346,353	\$0.00152	\$3,563	\$0		
26	2,346,353	\$0.04529	\$106,264	2,346,353	\$0.04529	\$106,264	\$0		
27	Residential:								
28		\$5.00			\$5.00			\$0.00000	0.0%
29		\$0.76789			\$0.70904			(\$0.05884)	-7.7%
30		\$1.16180			\$1.09211			(\$0.06969)	-6.0%
31		\$1.02924			\$0.96585			(\$0.06339)	-6.2%
32	Large Master Meter:								
33		\$497.53			\$497.53			\$0.00	0.0%
34		\$0.45797			\$0.39693			(\$0.06103)	-13.3%
35		\$0.68225			\$0.59909			(\$0.08316)	-12.2%
36		\$0.52262			\$0.45841			(\$0.06421)	-12.3%
37	Residential Rates Include CSITMA & CAT:								
38	27,389	\$0.00000	\$0	27,389	\$0.00000	\$0	\$0	\$0.00000	
39	Residential:								
40		\$5.00			\$5.00			\$0.00000	0.0%
41		\$0.76789			\$0.70904			(\$0.05884)	-7.7%
42		\$1.16180			\$1.09211			(\$0.06969)	-6.0%
43	Large Master Meter:								
44		\$497.53			\$497.53			\$0.00000	0.0%
45		\$0.45797			\$0.39693			(\$0.06103)	-13.3%
46		\$0.68225			\$0.59909			(\$0.08316)	-12.2%
47	Other Adjustments:								
48		(\$0.00136)			(\$0.00136)			\$0.00000	0.0%
49		(\$22.39)			(\$22.39)				
50	TOTAL RESIDENTIAL	\$1.02690	\$2,409,460	2,346,353	\$0.96350	\$2,260,719	(\$148,741)	(\$0.06339)	-6.2%

See footnotes, Table 1.

TABLE 3
Core Nonresidential Transportation Rates
Southern California Gas Company

11/23/21

2023 TCAP Filing

	Present Rates			Proposed Rates			Changes			
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2	CORE COMMERCIAL & INDUSTRIAL									
3	Customer Charge 1	141,378	\$15.00	\$25,448	141,378	\$15.00	\$25,448	\$0	\$0.00	0.0%
4	Customer Charge 2	62,136	\$15.00	\$11,185	62,136	\$15.00	\$11,185	\$0	\$0.00	0.0%
5	Volumetric Transportation Rate Exclude CSITMA & CAT:									
6	Tier 1 = 250th/mo	202,399	\$0.91868	\$185,940	202,399	\$0.86993	\$176,072	(\$9,868)	(\$0.04876)	-5.3%
7	Tier 2 = next 4167 th/mo	449,431	\$0.47937	\$215,445	449,431	\$0.45570	\$204,804	(\$10,642)	(\$0.02368)	-4.9%
8	Tier 3 = over 4167 th/mo	340,876	\$0.18482	\$63,000	340,876	\$0.17796	\$60,661	(\$2,340)	(\$0.00686)	-3.7%
9		992,706	\$0.50470	\$501,018	992,706	\$0.48168	\$478,169	(\$22,849)	(\$0.02302)	-4.6%
10										
11	Volumetric Transportation Rate Include CSITMA & GHG, Exclude CAT:									
12	CSITMA Adder to Volumetric Rate	984,422	\$0.00136	\$1,335	984,422	\$0.00136	\$1,335	\$0	\$0.00000	0.0%
13	GHG Adder to Volumetric Rate	992,706	\$0.04529	\$44,959	992,706	\$0.04529	\$44,959			
14	Tier 1 = 250th/mo		\$0.96533			\$0.91657		(\$0.04876)		-5.1%
15	Tier 2 = next 4167 th/mo		\$0.52602			\$0.50234		(\$0.02368)		-4.5%
16	Tier 3 = over 4167 th/mo		\$0.23146			\$0.22460		(\$0.00686)		-3.0%
17			\$0.55134			\$0.52833		(\$0.02302)		
18								\$0.00000		
19	Volumetric Transportation Rate Include CSITMA & CAT:									
20	CAT Adder to Volumetric Rate	139,308	\$0.00000	\$0	139,308	\$0.00000	\$0	\$0	\$0.00000	
21	Tier 1 = 250th/mo		\$0.96533			\$0.91657		(\$0.04876)		-5.1%
22	Tier 2 = next 4167 th/mo		\$0.52602			\$0.50234		(\$0.02368)		-4.5%
23	Tier 3 = over 4167 th/mo		\$0.23146			\$0.22460		(\$0.00686)		-3.0%
24			\$0.55134			\$0.52833		(\$0.02302)		-4.2%
25	Other Adjustments:									
26	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)		\$0.00000		0.0%
27	GHG Fee Credit \$/th		(\$0.04529)			(\$0.04529)				
28	TOTAL CORE C&I	992,706	\$0.55133	\$547,312	992,706	\$0.52832	\$524,463	(\$22,849)	(\$0.02302)	-4.2%
29										
30	NATURAL GAS VEHICLES (a sempra-wide rate)									
31	Customer Charge, P-1	263	\$13.00	\$41	263	\$13.00	\$41	\$0	\$0.00000	0.0%
32	Customer Charge, P-2A	115	\$65.00	\$90	115	\$65.00	\$90	\$0	\$0.00000	0.0%
33	Uncompressed Rate Exclude CSITMA, GHG & CAT	178,769	\$0.21266	\$38,016	178,769	\$0.20156	\$36,033	(\$1,983)	(\$0.01109)	-5.2%
34	Total Uncompressed NGV	178,769	\$0.21339	\$38,147	178,769	\$0.20229	\$36,164	(\$1,983)	(\$0.01109)	-5.2%
35	Compressed Rate Adder	2,833	\$1.04197	\$2,952	2,833	\$1.04197	\$2,952	\$0	\$0.00000	0.0%
36	Low Carbon Fuel Standard (LCFS) Credit		(\$0.78946)			(\$0.78946)		\$0.00000		
37	Uncompressed Rate Include CSITMA, CARB and GHG Exclude CAT									
38	CSITMA Adder to Volumetric Rate	178,769	\$0.00136	\$242	178,769	\$0.00136	\$242	\$0	\$0.00000	0.0%
39	CARB Adder to Volumetric Rate	178,769	\$0.00152	\$271	178,769	\$0.00152	\$271			
40	GHG End User Adder to Volumetric Rate	178,769	\$0.04529	\$8,096	178,769	\$0.04529	\$8,096			
41	Uncompressed Rate \$/therm		\$0.26082			\$0.24973		(\$0.01109)		-4.3%
42	Combined transport & compressor adder & LCFS Credit \$/th		\$0.51333			\$0.50223		(\$0.15194)		-12.7%
43	Other Adjustments:									
44	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)		\$0.00000		0.0%
45										
46	TOTAL NGV SERVICE	178,769	\$0.27806	\$49,709	178,769	\$0.26697	\$47,726	(\$1,983)	(\$0.01109)	-4.0%
47										
48	RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
49	Customer Charge	216	\$10.00	\$26	216	\$10.00	\$26	\$0	\$0.00000	0.0%
50	Uncompressed Rate Exclude CSITMA & CAT	166	\$0.38280	\$64	166	\$0.36301	\$60	(\$3)	(\$0.01979)	-5.2%
51		166	\$0.53855	\$89	166	\$0.51876	\$86	(\$3)	(\$0.01979)	-3.7%
52	Uncompressed Rate Include CSITMA, Exclude CAT									
53	CSITMA Adder to Volumetric Rate	166	\$0.00136	\$0	166	\$0.00136	\$0		\$0.00000	0.0%
54	CARB Adder to Volumetric Rate	166	\$0.00152	\$0	166	\$0.00152	\$0			
55	GHG End User Adder to Volumetric Rate	166	\$0.04529	\$8	166	\$0.04529	\$8			
56	Uncompressed Rate \$/therm		\$0.43096			\$0.41117		(\$0.01979)		-4.6%
57										
58	Uncompressed Rate Include CSITMA & CAT									
59	CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
60	Uncompressed Rate		\$0.43096			\$0.41117		\$0	(\$0.01979)	-4.6%
61	Other Adjustments:									
62	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)		\$0.00000		0.0%
63										
64	TOTAL RESIDENTIAL NATURAL GAS VEHICLES	166	\$0.58671	\$97	166	\$0.56692	\$94	(\$3)	(\$0.01979)	-3.4%

TABLE 4
Core Nonresidential Transportation Rates (continued)
Southern California Gas Company

11/23/21

2023 TCAP Filing

	Present Rates			Proposed Rates			Changes			
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2										
3	NON-RESIDENTIAL GAS A/C									
4	Customer Charge	8	\$150	\$14	8	\$150	\$14	\$0	\$0.00000	0.0%
5	Volumetric Rate	416	\$0.17208	\$72	416	\$0.17240	\$72	\$0	\$0.00032	0.2%
6		416	\$0.20667	\$86	416	\$0.20699	\$86	\$0	\$0.00032	0.2%
7	Volumetric Rates Include CSITMA, Exclude CAT									
8	CSITMA Adder to Volumetric Rate	416	\$0.00136	\$1	416	\$0.00136	\$1	\$0	\$0.00000	0.0%
9	Volumetric		\$0.17343			\$0.17375		\$0	\$0.00032	0.2%
10	Volumetric Rates Include CSITMA & CAT									
11	CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
12	Gas A/C Rate		\$0.17343			\$0.17375		\$0	\$0.00032	0.2%
13	Other Adjustments:									
14	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)		\$0	\$0.00000	0.0%
15										
16	TOTAL A/C SERVICE	416	\$0.20803	\$87	416	\$0.20835	\$87	\$0	\$0.00032	0.2%
17										
18	GAS ENGINES									
19	Customer Charge	711	\$50	\$427	711	\$50	\$427	\$0	\$0.00000	0.0%
20	Volumetric Exclude CSITMA & CAT	22,302	\$0.17729	\$3,954	22,302	\$0.17732	\$3,954	\$1	\$0.00003	0.0%
21		22,302	\$0.19642	\$4,380	22,302	\$0.19645	\$4,381	\$1	\$0.00003	0.0%
22	Volumetric Rates Include CSITMA, Exclude CAT									
23	CSITMA Adder to Volumetric Rate	22,302	\$0.00136	\$30	22,302	\$0.00136	\$30	\$0	\$0.00000	0.0%
24	Volumetric		\$0.17864			\$0.17867		\$0	\$0.00003	
25	Volumetric Rates Include CSITMA & CAT									
26	CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
27	Gas Engine Rate		\$0.17864			\$0.17867		\$0	\$0.00003	0.0%
28	Other Adjustments									
29	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)		\$0	\$0.00000	0.0%
30										
31	TOTAL GAS ENGINES	22,302	\$0.19777	\$4,411	22,302	\$0.19780	\$4,411	\$1	\$0.00003	0.0%
32										
33	STREET & OUTDOOR LIGHTING (equals average Non-CAT CCI Rate)									
34	Street & Outdoor Lighting Base Rate		\$0.55134			\$0.52833		\$0	(\$0.02302)	-4.2%
35										
36	CORE ELECTRIC GENERATION (EG) (optional rate)									
37	Customer Charge		\$50.00			\$50.00		\$0.00	\$0.00	
38	Rate excluding CAT		\$0.26071			\$0.26482		\$0	\$0.00411	
39	Volumetric Rates Include CAT									
40	CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
41	Core EG Rate		\$0.26071			\$0.26482		\$0	\$0.00411	

TABLE 5
Noncore Commercial & Industrial Rates
Southern California Gas Company

11/23/21

2023 TCAP Filing

	Present Rates			Proposed Rates			Changes			
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1	NonCore Commercial & Industrial Distribution Level									
2	Customer Charge	563	\$350.00	\$2,367	563	\$350.00	\$2,367	\$0	\$0.00000	0.0%
3										
4	<u>Volumetric Rates Include CARB Fee, Exclude GHG, and CSITMA</u>									
5	Tier 1 = 250kth/yr	124,403	\$0.28603	\$35,583	124,403	\$0.28245	\$35,137	(\$446)	(\$0.00359)	-1.3%
6	Tier 2 = 250k to 1000k	217,228	\$0.17920	\$38,928	217,228	\$0.17709	\$38,469	(\$459)	(\$0.00211)	-1.2%
7	Tier 3 = 1 to 2 million th/yr	118,763	\$0.11087	\$13,167	118,763	\$0.10970	\$13,028	(\$139)	(\$0.00117)	-1.1%
8	Tier 4 = over 2 million th/yr	459,341	\$0.06203	\$28,494	459,341	\$0.06154	\$28,268	(\$226)	(\$0.00049)	-0.8%
9	Volumetric totals (excl itcs)	919,735	\$0.12631	\$116,172	919,735	\$0.12493	\$114,903	(\$1,270)	(\$0.00138)	-1.1%
10										
11	<u>Volumetric Rates Include CARB, GHG, CSITMA</u>									
12	CSITMA Adder to Volumetric Rate		\$0.00136	\$1,240		\$0.00136	\$1,240	\$0	\$0.00000	0.0%
13	GHG Adder to Volumetric Rate		\$0.04529	\$18,773		\$0.04529	\$18,773	\$0	\$0.00000	
14	Tier 1 = 250kth/yr		\$0.33268			\$0.32909			(\$0.00359)	-1.1%
15	Tier 2 = 250k to 1000k		\$0.22585			\$0.22374			(\$0.00211)	-0.9%
16	Tier 3 = 1 to 2 million th/yr		\$0.15751			\$0.15634			(\$0.00117)	-0.7%
17	Tier 4 = over 2 million th/yr		\$0.10868			\$0.10819			(\$0.00049)	-0.5%
18	<u>Other Adjustments:</u>									
19	TCA for CSITMA exempt customers		(\$0.00136)			(\$0.00136)			\$0.00000	0.0%
20	CARB Fee Credit \$/th		(\$0.00152)			(\$0.00152)			\$0.00000	0.0%
21	GHG Fee Credit \$/th		(\$0.04529)			(\$0.04529)			\$0.00000	
22	NCCI - DISTRIBUTION LEVEL	919,735	\$0.15064	\$138,551	919,735	\$0.14926	\$137,282	(\$1,270)	(\$0.00138)	-0.9%
23										
24	NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee Excl CSITMA (1)	3,661	\$0.02939	\$108	3,661	\$0.03593	\$132	\$24	\$0.00654	22.3%
25	NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee, SGIP and CSITMA (1)	622,419	\$0.03074	\$20,641	622,419	\$0.03728	\$24,711	\$4,071	\$0.00654	21.3%
26	NCCI-TRANSMISSION LEVEL (2)	626,080	\$0.03314	\$20,748	626,080	\$0.03968	\$24,843	\$4,094	\$0.00654	19.7%
27										
28	TOTAL NONCORE C&I	1,545,814	\$0.10305	\$159,300	1,545,814	\$0.10488	\$162,125	\$2,825	\$0.00183	1.8%

TABLE 6
Noncore Electric Generation Rates and Enhanced Oil Recovery Rates
Southern California Gas Company

11/23/21

2023 TCAP Filing

	Present Rates			Proposed Rates			Changes			
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2	<u>ELECTRIC GENERATION</u>									
3										
4										
5	<u>Small EG Distribution Level Service (a Sempra-Wide rate) Exclude CARB & GHG Fee & CSITMA:</u>									
6	Customer Charge	308	\$50.00	\$185	308	\$50.00	\$185	\$0	\$0.00000	0.0%
7	Volumetric Rate	88,449	\$0.16661	\$14,737	88,449	\$0.16351	\$14,462	(\$275)	(\$0.00311)	-1.9%
8	Small EG Distribution Level Service	88,449	\$0.16870	\$14,922	88,449	\$0.16560	\$14,647	(\$275)	(\$0.00311)	-1.8%
9										
10	<u>Large EG Distribution Level Service (a Sempra-Wide rate) Exclude CARB & GHG Fee & CSITMA</u>									
11	Customer Charge	30	\$0.00	\$0	30	\$0.00	\$0	\$0	\$0.00000	
12	Volumetric Rate	242,993	\$0.09508	\$23,104	242,993	\$0.09789	\$23,788	\$684	\$0.00281	3.0%
13	Large EG Distribution Level Service	242,993	\$0.09508	\$23,104	242,993	\$0.09789	\$23,788	\$684	\$0.00281	3.0%
14										
15	EG Distribution excl CARB Fee & CSITMA	331,442	\$0.11473	\$38,026	331,442	\$0.11596	\$38,435	\$409	\$0.00123	1.1%
16										
17	<u>Volumetric Rates Include CARB & GHG Fee, Exclude CSITMA</u>									
18	CARB Fee Cost Adder	330,876	\$0.00152	\$502	330,876	\$0.00152	\$502	\$0	\$0.00000	0.0%
19	GHG Cost Adder	112,448	\$0.04529	\$5,093	112,448	\$0.04529	\$5,093	\$0	\$0.00000	
20	EG-Distribution Tier 1 w/CARB Fee		\$0.21342			\$0.21031			(\$0.00311)	-1.5%
21	EG-Distribution Tier 2 w/CARB Fee		\$0.14189			\$0.14470			\$0.00281	2.0%
22	Total - EG Distribution Level	331,442	\$0.13161	\$43,621	331,442	\$0.13284	\$44,030	\$409	\$0.00123	0.9%
23	CARB Fee Credit \$/th		(\$0.00152)			(\$0.00152)			\$0.00000	0.0%
24	GHG Fee Credit \$/th		(\$0.04529)			(\$0.04529)			\$0.00000	
25										
26	EG Transmission Level Service Excl CARB & GHG Fee & CSITMA (1)	2,246,336	\$0.02787	\$62,603	2,246,336	\$0.03441	\$77,294	\$14,691	\$0.00654	23.5%
27	EG Transmission Level CARB Fee	634,285	\$0.00152	\$963	634,285	\$0.00152	\$963	\$0	\$0.00000	
28	EG Transmission Level Service - GHG End User Fee	53,626	\$0.04529	\$2,429	53,626	\$0.04529	\$2,429			
29	EG Transmission Level Service - SGIP	2,246,336	\$0.00252	\$5,665	2,246,336	\$0.00252	\$5,665			
30	EG Transmission Level Service Incl CARB & GHG Fee, Exclude CSITMA (1)									
31	EG Transmission Level (2)	2,246,336	\$0.03190	\$71,660	2,246,336	\$0.03844	\$86,350	\$14,691	\$0.00654	20.5%
32										
33	TOTAL ELECTRIC GENERATION	2,577,778	\$0.04472	\$115,280	2,577,778	\$0.05058	\$130,380	\$15,100	\$0.00586	13.1%
34										
35	<u>EOR Rates & revenue Exclude CARB Fee & CSITMA:</u>									
36	Distribution Level EOR:									
37	Customer Charge	23	\$500.00	\$138	23	\$500.00	\$138	\$0	\$0.00000	0.0%
38	Volumetric Rate Excl CARB & GHG Fee & CSITMA	151,758	\$0.11382	\$17,273	151,758	\$0.11505	\$17,460	\$187	\$0.00123	1.1%
39										
40	<u>Volumetric Rates Include CARB & GHG Fee, Exclude CSITMA</u>									
41	CARB Fee		\$0.00152			\$0.00152				
42	GHG Fee		\$0.04529			\$0.04529				
43	Volumetric Rate Incl CARB Fee & Excl CSITMA		\$0.16063			\$0.16186			\$0.00123	0.8%
44	Distribution Level EOR	151,758	\$0.11473	\$17,411	151,758	\$0.11596	\$17,598	\$187	\$0.00123	1.1%
45	CARB Fee Credit \$/th		(\$0.00152)			(\$0.00152)			\$0.00000	0.0%
46	GHG Fee Credit \$/th		(\$0.04529)			(\$0.04529)			\$0.00000	
47	Transmission Level EOR Exclude CARB & GHG Fee & CSITMA	57,184	\$0.02787	\$1,594	57,184	\$0.03441	\$1,968	\$374	\$0.00654	23.5%
48	Total EOR	208,941	\$0.09096	\$19,004	208,941	\$0.09364	\$19,566	\$561	\$0.00269	3.0%

1) CSITMA - Noncore C&I D Tariff rate Include CSITMA. Customers exempt, including Constitutionally Exempt, receive Transportation Charge Adjustment (TCA).

EG Tariff Rate Exclude CSITMA, since EG customers are exempt.

2) CARB & GHG Fees - EG-D and NCCI-D rates include CARB & GHG Fees.

3) EOR customers tariff Include CARB & GHG Fees and Excludes CSITMA; since EOR customers are exempt from CSITMA and get a credit for CARB & GHG Fees.

See footnotes, Table 1.

TABLE 7
Transmission Level Service Transportation Rates
Southern California Gas Company
11/23/21

	Present Rates			Proposed Rates			Changes		
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %
	A	B	C	D	E	F	G	H	I
1 Rate Excluding CSITMA & CARB Fee:									
2 Reservation Service Option (RS):									
3 Daily Reservation rate \$/th/day		\$0.01059			\$0.01442			\$0.00383	36.2%
4 Usage Charge for RS \$/th		\$0.01218			\$0.01305			\$0.00086	7.1%
5 Class Average Volumetric Rate (CA)									
6 Volumetric Rate \$/th		\$0.01567			\$0.02135			\$0.00567	36.2%
7 Usage Charge for CA \$/th		\$0.01218			\$0.01305			\$0.00086	7.1%
8 Class Average Volumetric Rate (CA) \$/th		\$0.02786			\$0.03440			\$0.00654	23.5%
9									
10 115% CA (for NonBypass Volumetric NV) \$/th		\$0.03204			\$0.03955			\$0.00752	23.5%
11 135% CA (for Bypass Volumetric BV) \$/th		\$0.03761			\$0.04643			\$0.00883	23.5%
12 Total Transmission Level Service (NCCI, EOR, EG)	2,872,415	\$0.02787	\$80,051	2,872,415	\$0.03441	\$98,836	\$18,785	\$0.00654	23.5%
13									
14 C&I Rate Including CSITMA & CARB & GHG & SGIP Fee:									
15 CSITMA Adder to Usage Charge	622,419	\$0.00136	\$844	622,419	\$0.00136	\$844	\$0	\$0.00000	
16 CARB Fee Adder	1,260,365	\$0.00152	\$1,914	1,260,365	\$0.00152	\$1,914	\$0	\$0.00000	
17 GHG Fee Adder	61,140	\$0.04529	\$2,769	61,140	\$0.04529	\$2,769	\$0	\$0.00000	
18 SGIP Adder	626,080	\$0.00186	\$1,165	626,080	\$0.00186	\$1,165	\$0	\$0.00000	
19 Reservation Service Option (RS):									
20 Daily Reservation rate \$/th/day		\$0.01059			\$0.01442		\$0	\$0.00383	36.2%
21 Usage Charge for RS \$/th		\$0.06221			\$0.06307		\$0	\$0.00086	1.4%
22 Class Average Volumetric Rate (CA)									
23 Volumetric Rate \$/th		\$0.01567			\$0.02135		\$0	\$0.00567	36.2%
24 Usage Charge for CA \$/th		\$0.06221			\$0.06307		\$0	\$0.00086	1.4%
25 Class Average Volumetric Rate (CA) \$/th		\$0.07788			\$0.08442		\$0	\$0.00654	8.4%
26									
27 115% CA (for NonBypass Volumetric NV) \$/th		\$0.08206			\$0.08958		\$0	\$0.00752	9.2%
28 135% CA (for Bypass Volumetric BV) \$/th		\$0.08763			\$0.09646		\$0	\$0.00883	10.1%
29 Other Adjustments:									
30 Transportation Charge Adj. (TCA) for CSITMA exempt customers		(\$0.00136)			(\$0.00136)			\$0.00000	
31 California Air Resources Board (CARB) Fee Credit \$/th		(\$0.00152)			(\$0.00152)			\$0.00000	
32 GHG Fee Credit		(\$0.04529)			(\$0.04529)			\$0.00000	
33 Total Transmission Level Service Include CSITMA & CARB & GHG &	2,872,415	\$0.03020	\$86,743	2,872,415	\$0.03674	\$105,528	\$18,785	\$0.00654	21.7%
34									
35 EG & EOR Rate Including CARB Fee & GHG , excluding CSITMA:									
36 CARB Fee Adder		\$0.00152			\$0.00152			\$0.00000	
37 GHG Fee Adder		\$0.04529			\$0.04529			\$0.00000	
38 SGIP Adder	2,246,336	\$0.00252	\$5,665	2,246,336	\$0.00252	\$5,665			
39 Reservation Service Option (RS):									
40 Daily Reservation rate \$/th/day		\$0.01059			\$0.01442		\$0	\$0.00383	36.2%
41 Usage Charge for RS \$/th		\$0.06151			\$0.06238		\$0	\$0.00086	1.4%
42 Class Average Volumetric Rate (CA)									
43 Volumetric Rate \$/th		\$0.01567			\$0.02135		\$0	\$0.00567	36.2%
44 Usage Charge for CA \$/th		\$0.06151			\$0.06238		\$0	\$0.00086	1.4%
45 Class Average Volumetric Rate (CA) \$/th		\$0.07719			\$0.08372		\$0	\$0.00654	8.5%
46									
47 115% CA (for NonBypass Volumetric NV) \$/th		\$0.08137			\$0.08888		\$0	\$0.00752	9.2%
48 135% CA (for Bypass Volumetric BV) \$/th		\$0.08694			\$0.09576		\$0	\$0.00883	10.2%
49									
50 Other Adjustments:									
51 California Air Resources Board (CARB) Fee Credit \$/th		(\$0.00152)			(\$0.00152)			\$0.00000	0.0%
52 Greenhouse Gas (GHG) Fee Credit \$/th		(\$0.04529)			(\$0.04529)			\$0.00000	0.0%
53									
54 Rate Excluding CSITMA, CARB, GHG Fee, & Uncollectibles (applicable to Wholesale & International):									
55 Reservation Service Option (RS):									
56 Daily Reservation rate \$/th/day		\$0.01056			\$0.01438			\$0.00382	36.2%
57 Usage Charge for RS \$/th		\$0.01215			\$0.01301			\$0.00086	7.1%
58 Class Average Volumetric Rate (CA)									
59 Volumetric Rate \$/th		\$0.01563			\$0.02128			\$0.00566	36.2%
60 Usage Charge for CA \$/th		\$0.01215			\$0.01301			\$0.00086	7.1%
61 Class Average Volumetric Rate (CA) \$/th		\$0.02777			\$0.03429			\$0.00652	23.5%
62									
63 115% CA (for NonBypass Volumetric NV) \$/th		\$0.03194			\$0.03944			\$0.00750	23.5%
64 135% CA (for Bypass Volumetric BV) \$/th		\$0.03749			\$0.04629			\$0.00880	23.5%
65 Total Transmission Level Service (WS & Int'l)	359,267	\$0.02787	\$10,012	359,267	\$0.03441	\$12,362	\$2,350	\$0.00654	23.5%
66									
67 Average Transmission Level Service	3,231,682	\$0.03169	\$102,420	3,231,682	\$0.03823	\$123,555	\$21,135	\$0.00654	20.6%

TABLE 8
Backbone Transmission Service and Storage Rates
Southern California Gas Company
11/23/21

	Present Rates			Proposed Rates			Changes			
	Oct-1-21 Volumes Mth	Average Rate \$/th	Oct-1-21 Revenue \$000's	Jan-1-23 Volumes Mth, Mth	Rate \$/th	Jan-1-23 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1	Backbone Transmission Service BTS									
2	BTS SFV Reservation Charge \$/dth/day	2,514	\$0.36613	\$336,024	2,514	\$0.53644	\$492,331	\$156,307	\$0.17031	46.5%
3	BTS MFV Reservation Charge \$/dth/day		\$0.29290			\$0.42915				
4	BTS MFV Volumetric Charge \$/dth		\$0.07323			\$0.10729				
5	BTS Interruptible Volumetric Charge \$/dth		\$0.36613			\$0.53644		\$0.17031	46.5%	
6										
7										
8	Storage Costs: (incl. HRSMA)									
9	Core \$000			\$114,855			\$150,749	\$35,894		
10	Load Balancing \$000			\$73,871			\$94,575	\$20,704		
11	Unbundled Storage \$000			\$0			\$0	\$0		
12				\$188,725			\$245,324	\$56,599		

See footnotes, Table 1.

- 1) CSITMA - NCCI and EG TLS Tariff rates include CSITMA. Customers exempt (Constitutional Exempt and EG) receive Transportation Charge Adjustment (TCA).
- 2) CARB Fee - TLS NCCI, EOR and EG Tariff rates include CSITMA. TLS NCCI, EOR and EG customers exempt as they pay CARB Fees directly receive credit.
- 3) Wholesale Customers excludes CSITMA and CARB Fee since these customers are exempt.

Verify TLS Revenue:

NCCI-T	626,080	\$0.03314	\$20,748	626,080	\$0.03968	\$24,843	\$4,094	\$0.00654	19.7%
EG-T	2,246,336	\$0.03190	\$71,660	2,246,336	\$0.03844	\$86,350	\$14,691	\$0.00654	20.5%
LB	79,646	\$0.02787	\$2,220	79,646	\$0.03441	\$2,741	\$521	\$0.00654	23.5%
SWG	66,431	\$0.02787	\$1,851	66,431	\$0.03441	\$2,286	\$434	\$0.00654	23.5%
Vernon	96,890	\$0.02787	\$2,700	96,890	\$0.03441	\$3,334	\$634	\$0.00654	23.5%
Ecogas	116,299	\$0.02787	\$3,241	116,299	\$0.03441	\$4,002	\$761	\$0.00654	23.5%
	3,231,682	\$0.03169	\$102,420	3,231,682	\$0.03823	\$123,555	\$21,135	\$0.00654	20.6%
difference	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	

2020 Embedded Transmission and Storage Cost Tables

2020 Recorded Transmission and Storage Costs (\$000)			
	SDG&E	SoCalGas	
	Transmission	Transmission	Storage
Capital-related Costs	\$ 32,872.9	\$ 225,121.4	\$ 142,262.3
O&M, A&G Expenses	\$ 30,132.7	\$ 226,767.5	\$ 98,967.5
Total	\$ 63,005.5	\$ 451,888.9	\$ 241,229.9

2020 Recorded Embedded Cost of Transmission (\$000)					
	(A)	(B)	(C)=(A) x (B)	(D)	(E)=(C) + (D)
	SoCalGas Transmission	Backbone Transmission Percentage	SoCalGas Backbone Transmission	SDG&E Backbone Transmission	*Combined Backbone Transmission
Capital-related Costs	\$ 225,121.4	73.2%	\$ 164,831.3	\$ 32,872.9	\$ 197,704.2
O&M, A&G Expenses	\$ 226,767.5	71.7%	\$ 162,696.1	\$ 30,132.7	\$ 192,828.8
Total	\$ 451,888.9		\$ 327,527.5	\$ 63,005.5	\$ 390,533.0

* The Total is the Unbundled Backbone Transportation Service Revenue Requirement