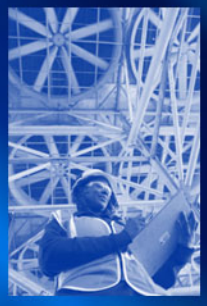
2021

Supplemental California Gas Report

Prepared By the California Gas & Electric Utilities

— Decision D.95-01-039 —



2021 CALIFORNIA GAS REPORT SUPPLEMENT

PREPARED BY THE CALIFORNIA GAS AND ELECTRIC UTILITIES

Southern California Gas Company
Pacific Gas and Electric Company
San Diego Gas & Electric Company
Long Beach Energy Resources Department

BLANK PAGE

[NEXT PAGE IS 4]

TABLE OF CONTENTS

FOREWORD 6

STATEWIDE SOURCES AND DISPOSITION SUMMARY 8

STATEWIDE SOURCES AND DISPOSITION SUMMARY ***10***
2016 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D) 12
2017 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D) 13
2018 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D) 14
2019 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D) 15
2020 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D) 16

STATEWIDE RECORDED HIGHEST SENDOUT ***17***
ESTIMATED CALIFORNIA HIGHEST SUMMER SENDOUT (MMCF/D) 17
ESTIMATED CALIFORNIA HIGHEST WINTER SENDOUT (MMCF/D) 17

RECORDED ACTUALS 18

PACIFIC GAS AND ELECTRIC COMPANY RECORDED ACTUALS ***22***
PACIFIC GAS AND ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) 24

SOUTHERN CALIFORNIA GAS COMPANY RECORDED ACTUALS ***26***
SOUTHERN CALIFORNIA GAS COMPANY ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) 28

LONG BEACH ENERGY RESOURCES DEPARTMENT RECORDED ACTUALS ***30***
LONG BEACH ENERGY RESOURCES DEPARTMENT ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) 32
LONG BEACH ENERGY RESOURCES DEPARTMENT ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) (*CONTINUED*) 33

SAN DIEGO GAS & ELECTRIC COMPANY RECORDED ACTUALS ***34***
SAN DIEGO GAS & ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) 36
SAN DIEGO GAS & ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) (*CONTINUED*) 37

CALIFORNIA NATURAL GAS STORAGE OVERVIEW 38
CALIFORNIA NATURAL GAS STORAGE CAPACITIES YEAR 2020 40

RESPONDENTS 42
WORKING COMMITTEE 44
OBSERVERS 44

RESERVE YOUR SUBSCRIPTION 46
PACIFIC GAS AND ELECTRIC COMPANY 48
SOUTHERN CALIFORNIA GAS COMPANY 50

BLANK PAGE

[NEXT PAGE IS 6]

FOREWORD

The 2021 Annual California Gas Report Supplement was prepared in compliance with California Public Utilities Commission Decision D.95-01-039, issued on January 24, 1995. In addition to requiring respondent utilities to prepare a comprehensive California Gas Report biennially in even numbered years, D.95-01-039 requires the utilities to prepare a supplemental report in odd numbered years. The supplemental report provides recorded data for the previous year.

This 2021 California Gas Report Supplement includes the latest recorded data on gas supply and gas requirements for each of the utilities listed below:

- Southern California Gas Company (SoCalGas)
- Pacific Gas and Electric Company (PG&E)
- San Diego Gas & Electric Company (SDG&E)
- Long Beach Energy Resources Department (City of Long Beach)

The report is organized into two sections: Statewide Sources and Disposition Summary, and Recorded Actuals. The Recorded Actuals are split into Northern California and Southern California. The Northern California Section provides data for PG&E. The Southern California Section provides data for SoCalGas, the Long Beach Energy Resources Department, and SDG&E

BLANK PAGE

[NEXT PAGE IS 8]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

STATEWIDE SOURCES AND DISPOSITION SUMMARY

BLANK PAGE

[NEXT PAGE IS 10]

STATEWIDE SOURCES AND DISPOSITION SUMMARY

The Statewide Sources and Disposition Summary is intended to complement the existing five-year recorded data tables included in the tabular data section of each utility. Please note that Non-Utilities Served Load is defined in this report as the volume of gas, which might have been served by the California utilities, but is now being served by non-utility entities or non-CPUC jurisdictional pipelines. The Summary does not include electric bypass, or what is commonly referred to as "bypass by wire".

The information shown on the following Statewide Sources and Disposition Summary tables is based on the utilities' accounting records and on available gas nomination and preliminary gas transaction information obtained daily from customers or their appointed agents and representatives. It should be noted that data on gas daily nominations are frequently subject to reconciling adjustments. In addition, some of the data are based on allocations and assignments which, by necessity, rely on estimated or preliminary information.

Some columns may not sum exactly because of factored allocations and rounding differences, and do not imply curtailments.

BLANK PAGE

[NEXT PAGE IS 12]

2016 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D)

	California Sources	El Paso	Trans western	GTN	Kern River	Mojave	Other (1)	Ruby	Total
Southern California Gas Company									
Core + UAF (2)	86	417	114	48	196	0	31	0	892
Noncore Commercial/Industrial	1	94	96	37	150	43	27	0	448
EG (3)	1	156	158	61	248	71	45	0	740
EOR	0	8	8	3	13	4	2	0	39
Wholesale/Resale/International (4)	1	82	83	32	130	37	24	0	390
Total	89	758	460	181	737	155	129	0	2,509
Pacific Gas and Electric Company (5)									
Core	0	40	84	318	0	0	0	194	636
Noncore Industrial/Wholesale/EG (6)	33	198	100	837	30	0	15	400	1,613
Total	33	238	184	1,155	30	0	15	594	2,249
Other Northern California									
Core (7)	0	0	0	0	0	0	0	0	0
Non-Utilities Served Load (8,9)									
Direct Sales/Bypass	418	0	0	0	792	43	0	0	1,253
TOTAL SUPPLIER	540	996	644	1,336	1,559	198	144	594	6,011
San Diego Gas & Electric Company									
Core	11	56	15	6	26	0	4	0	119
Noncore Commercial/Industrial	0	36	37	14	57	16	10	0	171
Total	12	92	52	20	83	16	14	0	290
Southwest Gas Corporation									
Core	22	0	0	0	0	0	12	0	34
Noncore Commercial/Industrial	2	0	0	0	0	0	0	0	2
Total	24	0	0	0	0	0	12	0	36

Notes:

(1) Includes storage activities, volumes delivered on Questar Southern Trails for SoCalGas and PG&E.

(2) Includes NGV volumes

(3) EG includes UEG, COGEN, and EOR Cogen.

(4) Includes transportation to City of Long Beach, Southwest Gas, City of Vernon, DGN, and SDG&E, as shown.

(5) Kern River supplies include net volume flowing over Kern River High Desert interconnect.

(6) Includes UEG, COGEN, industrial and deliveries to PG&E's wholesale customers.

(7) Includes Southwest Gas Corporation and Tuscarora deliveries in the Lake Tahoe and Susanville areas.

(8) Deliveries to end-users by non-CPUC jurisdictional pipelines.

(9) California production is preliminary.

2017 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D)

	California Sources	El Paso	Trans western	GTN	Kern River	Mojave	Other (1)	Ruby	Total
Southern California Gas Company									
Core + UAF (2)	100	443	127	54	208	0	(27)	0	905
Noncore Commercial/Industrial	(4)	97	80	39	158	52	24	0	446
EG (3)	(4)	156	128	63	252	82	39	0	715
EOR	(0)	9	7	3	14	5	2	0	39
Wholesale/Resale/International (4)	(7)	88	72	35	142	46	22	0	398
Total	84	792	414	195	773	185	60	0	2,503
Pacific Gas and Electric Company (5)									
Core	0	18	65	319	(1)	0	0	179	580
Noncore Industrial/Wholesale/EG (6)	29	208	99	840	34	0	12	420	1,642
Total	29	226	164	1,159	33	0	12	599	2,222
Other Northern California									
Core (7)	0	0	0	0	0	0	0	0	0
Non-Utilities Served Load (8,9)									
Direct Sales/Bypass	698	28	0	0	698	44	0	0	1,468
TOTAL SUPPLIER	811	1,046	578	1,354	1,504	229	72	599	6,193
San Diego Gas & Electric Company									
Core	14	61	17	7	28	0	(4)	0	124
Noncore Commercial/Industrial	(2)	38	31	15	62	20	10	0	175
Total	12	99	49	23	90	20	6	0	299
Southwest Gas Corporation									
Core	22	0	0	0	0	0	12	0	34
Noncore Commercial/Industrial	2	0	0	0	0	0	0	0	2
Total	24	0	0	0	0	0	12	0	36

Notes:

(1) Includes storage activities, volumes delivered on Questar Southern Trails for SoCalGas and PG&E.

(2) Includes NGV volumes

(3) EG includes UEG, COGEN, and EOR Cogen.

(4) Includes transportation to City of Long Beach, Southwest Gas, City of Vernon, DGN, and SDG&E, as shown.

(5) Kern River supplies include net volume flowing over Kern River High Desert interconnect.

(6) Includes UEG, COGEN, industrial and deliveries to PG&E's wholesale customers.

(7) Includes Southwest Gas Corporation and Tuscarora deliveries in the Lake Tahoe and Susanville areas.

(8) Deliveries to end-users by non-CPUC jurisdictional pipelines.

(9) California production is preliminary.

2018 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D)

	California Sources	El Paso	Trans western	GTN	Kern River	Mojave	Other (1)	Ruby	Total
Southern California Gas Company									
Core + UAF (2)	158	439	103	37	173	0	(2)	0	908
Noncore Commercial/Industrial	(17)	99	35	57	207	61	7	0	448
EG (3)	(23)	136	48	78	283	83	10	0	615
EOR	(1)	8	3	5	18	5	1	0	38
Wholesale/Resale/International (4)	(13)	74	26	42	153	45	6	0	333
Total	104	756	214	218	834	194	22	0	2,342
Pacific Gas and Electric Company (5)									
Core	0	3	55	303	(4)	0	0	165	522
Noncore Industrial/Wholesale/EG (6)	28	212	221	966	16	0	0	355	1,798
Total	28	215	276	1,269	12	0	0	520	2,320
Other Northern California									
Core (7)	0	0	0	0	0	0	0	0	0
Non-Utilities Served Load (8,9)									
Direct Sales/Bypass	401	49	0	0	686	42	0	0	1,178
TOTAL SUPPLIER	533	1,020	490	1,487	1,532	236	22	520	5,840
San Diego Gas & Electric Company									
Core	22	61	14	5	24	0	(0)	0	127
Noncore Commercial/Industrial	(4)	25	9	14	52	15	2	0	112
Total	18	86	23	19	76	15	2	0	239
Southwest Gas Corporation									
Core	22	0	0	0	0	0	12	0	34
Noncore Commercial/Industrial	2	0	0	0	0	0	0	0	2
Total	24	0	0	0	0	0	12	0	36

Notes:

(1) Includes storage activities, volumes delivered on Questar Southern Trails for SoCalGas and PG&E.

(2) Includes NGV volumes

(3) EG includes UEG, COGEN, and EOR Cogen.

(4) Includes transportation to City of Long Beach, Southwest Gas, City of Vernon, DGN, and SDG&E, as shown.

(5) Kern River supplies include net volume flowing over Kern River High Desert interconnect.

(6) Includes UEG, COGEN, industrial and deliveries to PG&E's wholesale customers.

(7) Includes Southwest Gas Corporation and Tuscarora deliveries in the Lake Tahoe and Susanville areas.

(8) Deliveries to end-users by non-CPUC jurisdictional pipelines.

(9) California production is preliminary.

2019 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D)

	California Sources (8)	El Paso	Trans western	GTN	Kern River	Mojave	Other (1)	Ruby	Total
Southern California Gas Company (2)									
Core + UAF (3)	162	476	111	30	223	0	10	0	1,012
Noncore/Commercial/Industrial/EG/EOR/ Wholesale/Resale/International (4)	(65)	368	47	118	674	213	19	0	1,374
Total	97	844	158	148	897	213	29	0	2,386
Pacific Gas and Electric Company (5)									
Core	0	0	58	286	(2)	0	0	172	514
Noncore Industrial/Wholesale/EG (6)	24	380	223	896	9	0	0	481	2,013
Total	24	380	281	1,182	7	0	0	653	2,527
Other Northern California									
Core (7)	22	0	0	0	0	0	12	0	34
Non-Utilities Served Load (8,9)									
Direct Sales/Bypass	388	29	0	0	664	71	0	0	1,152
TOTAL SUPPLIER	531	1,253	439	1,330	1,568	284	41	653	6,099
San Diego Gas & Electric Company									
Core	21	61	14	4	28	0	1	0	129
Noncore Commercial/Industrial	(4)	22	3	7	40	12	1	0	81
Total	17	83	17	11	68	12	2	0	210
Southwest Gas Corporation									
Core	25	0	0	0	0	0	0	0	25
Noncore Commercial/Industrial	3	0	0	0	0	0	0	0	3
Total	28	0	0	0	0	0	0	0	28

Notes:

(1) Includes storage activities, volumes delivered on Questar Southern Trails for SoCalGas and PG&E.

(2) SoCalGas core volumes are accrued volumes.

(3) Includes NGV volumes

(4) Includes transportation to City of Long Beach, Southwest Gas, City of Vernon, DGN, and SDG&E, as shown.

(5) Includes UEG, COGEN, industrial and deliveries to PG&E's wholesale customers.

(6) Kern River supplies include net volume flowing over Kern River High Desert interconnect.

(7) Includes Southwest Gas Corporation and Tuscarora deliveries in the Lake Tahoe and Susanville areas.

(8) Deliveries to end-users by non-CPUC jurisdictional pipelines.

(9) California production is preliminary.

2020 RECORDED STATEWIDE SOURCES AND DISPOSITIONS SUMMARY (MMCF/D)

	California Sources	El Paso	Trans western	GTN	Kern River	Mojave	Other (1)	Ruby	Total
Southern California Gas Company (2)									
Core + UAF (3)	132	406	151	9	245	0	0	0	943
Noncore/Commercial/Industrial/EG/EOR/ Wholesale/Resale/International (4)	(45)	532	64	169	613	139	38	0	1,510
Total	87	938	215	178	858	139	38	0	2,453
Pacific Gas and Electric Company (5)									
Core	0	8	33	379	(7)	0	0	165	578
Noncore Industrial/Wholesale/EG (6)	26	294	214	936	9	0	0	411	1,890
Total	26	302	247	1,315	2	0	0	576	2,468
Other Northern California									
Core (7)	14	0	0	0	0	0	0	0	14
Non-Utilities Served Load (8,9)									
Direct Sales/Bypass	334	37	0	0	621	60	0	0	1,052
TOTAL SUPPLIER	461	1,277	462	1,493	1,481	199	38	576	5,987
San Diego Gas & Electric Company									
Core	18	56	21	1	34	0	0	0	131
Noncore Commercial/Industrial	(4)	49	6	15	56	13	3	0	138
Total	14	105	27	16	90	13	3	0	269
Southwest Gas Corporation									
Core	25	0	0	0	0	0	0	0	25
Noncore Commercial/Industrial	2	0	0	0	0	0	0	0	2
Total	27	0	0	0	0	0	0	0	27

Notes:

(1) Includes storage activities, volumes delivered on North Baja and Questar Southern Trails for SoCalGas and PG&E.

(2) Includes NGV volumes

(3) EG includes UEG, COGEN, and EOR Cogen.

(4) Includes transportation to City of Long Beach, Southwest Gas, City of Vernon, DGN, & SDG&E, as shown.

(5) Kern River supplies include net volume flowing over Kern River High Desert interconnect.

(6) Includes UEG, COGEN, industrial and deliveries to PG&E's wholesale customers.

(7) Includes Southwest Gas Corporation - Southern California Division.

(8) Deliveries to end-users by non-CPUC jurisdictional pipelines.

(9) California production is preliminary.

STATEWIDE RECORDED HIGHEST SENDOUT

The table below summarizes the highest sendout days by the state in the summer and winter periods from the last five years. Daily sendout from Southern California Gas Company, Pacific Gas and Electric Company and from customers not served by these utilities were used to construct the following tables.

ESTIMATED CALIFORNIA HIGHEST SUMMER SENDOUT (MMCF/D)

Year	Date	PG&E (1)	SoCal Gas (2)	Utility Total (4)	Non-Utility (3)	State Total
2016	07/28/2016	2,867	3,136	6,003	1,356	7,359
2017	08/28/2017	2,602	3,484	6,086	1,416	7,502
2018	07/24/2018	2,925	2,926	5,851	1,410	7,261
2019	09/04/2019	2,634	3,106	5,740	1,310	7,050
2020	08/18/2020	2,822	3,358	6,180	1,270	7,450

ESTIMATED CALIFORNIA HIGHEST WINTER SENDOUT (MMCF/D)

Year	Date	PG&E (1)	SoCal Gas (2)	Utility Total (4)	Non-Utility (3)	State Total
2016	02/02/2016	3,397	3,838	7,235	1,285	8,520
2017	12/21/2017	3,665	3,456	7,121	1,259	8,380
2018	02/20/2018	3,527	3,621	7,148	1,378	8,526
2019	02/05/2019	3,780	4,180	7,960	1,097	9,057
2020	02/04/2020	3,255	4,146	7,401	1,261	8,662

Notes:

(1) PG&E Pipe Ranger.
(2) SoCalGas Envoy.
(3) PG&E and SoCalGas sendouts are reported for the day on which the Utility Total sendout is maximum for the respective seasons each year. For each calendar year, Winter months are Jan, Feb, Mar, Nov and Dec; while Summer months are Apr, May, Jun, Jul, Aug, Sep and Oct.
(4) Source: Provided by the California Energy Commission. Data are from CalGEM's, Monthly Oil and Gas Production and Injection Report. Nonutility Demand equals Kern-Mojave and California monthly average total flows less PG&E and SoCal Gas peak day supply from Kern-Mojave and California in-state production.

2021 CALIFORNIA GAS REPORT SUPPLEMENT

RECORDED ACTUALS

BLANK PAGE

[NEXT PAGE IS 20]

RECORDED ACTUALS

Recorded data for 2016 to 2020 are shown in the following tables in millions of cubic feet per day (MMcf/day). Additional information on gas requirements are indicated as follows:

- Some columns may not sum precisely because of modeling accuracy and rounding and do not imply curtailments.
- For PG&E, the recorded data show supplies, requirements, and gas sendout within the PG&E service area. Therefore, supplies delivered through PG&E to Southern California utilities are not included in PG&E's data.
- The total gas requirements and supplies in the Recorded Actuals section do not include gas volumes served by non-utility entities.

BLANK PAGE

[NEXT PAGE IS 22]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

PACIFIC GAS AND ELECTRIC COMPANY RECORDED ACTUALS

BLANK PAGE

[NEXT PAGE IS 24]

PACIFIC GAS AND ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D)

LINE		2016	2017	2018	2019	2020
GAS SUPPLY TAKEN						
	CALIFORNIA SOURCE GAS					
1	Core Purchases	0	0	0	0	0
2	Customer Gas Transport & Exchange	33	29	28	24	26
3	Total California Source Gas	33	29	28	24	26
	OUT-OF-STATE GAS					
	Core Net Purchases					
6	Rocky Mountain Gas	194	178	161	170	158
7	U.S. Southwest Gas	124	84	58	58	41
8	Canadian Gas	318	319	303	286	378
	Customer Gas Transport					
10	Rocky Mountain Gas	445	461	367	486	415
11	U.S. Southwest Gas	298	304	430	599	503
12	Canadian Gas	837	832	957	888	925
13	Total Out-of-State Gas	2,217	2,178	2,276	2,487	2,419
14	STORAGE WITHDRAWAL[2]	260	328	397	350	251
15	Total Gas Supply Taken	2,510	2,534	2,701	2,861	2,696
GAS SENDOUT						
	CORE					
19	Residential	461	483	489	503	494
20	Commercial	214	220	225	226	195
21	NGV	8	7	7	7	7
22	Total Throughput-Core	683	710	721	736	696
	NONCORE					
24	Industrial	544	543	562	534	469
25	Electric Generation[1]	783	698	855	865	889
26	NGV	1	2	3	4	3
27	Total Throughput-Noncore	1,329	1,244	1,421	1,403	1,361
28	WHOLESALE	8	9	9	9	8
29	Total Throughput	2,020	1,963	2,151	2,148	2,066
30	OFF-SYSTEM DELIVERIES	217	233	264	224	240
31	CALIFORNIA EXCHANGE GAS	1	1	1	1	1
32	STORAGE INJECTION[2]	231	294	244	441	342
33	SHRINKAGE Company Use / Unaccounted for	42	44	41	47	47
34	Total Gas Send Out	2,510	2,534	2,701	2,861	2,696
	TRANSPORTATION & EXCHANGE					
38	CORE ALL END USES	141	139	139	138	115
39	NONCORE INDUSTRIAL	544	543	562	534	469
40	ELECTRIC GENERATION	783	698	855	865	889
41	SUBTOTAL/RETAIL	1,469	1,380	1,557	1,538	1,473
43	WHOLESALE/INTERNATIONAL	8	9	9	9	8
45	TOTAL TRANSPORTATION AND EXCHANGE	1,477	1,389	1,566	1,547	1,481
	CURTAILMENT/ALTERNATIVE FUEL BURNS					
48	Residential, Commercial, Industrial	0	0	0	0	0
49	Utility Electric Generation	0	0	0	0	0
50	TOTAL CURTAILMENT[3]	0	0	0	0	0

NOTES:

(1) Electric generation includes SMUD, cogeneration, PG&E-owned electric generation, and deliveries to power plants connected to the PG&E system. It excludes deliveries by other pipelines.

(2) Includes both PG&E and third party storage

(3) UEG curtailments include voluntary oil burns due to economic, operational, and inventory reduction reasons as well as involuntary curtailments due to supply shortages and capacity constraints.

BLANK PAGE

[NEXT PAGE IS 24]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

SOUTHERN CALIFORNIA GAS COMPANY RECORDED ACTUALS

BLANK PAGE

[NEXT PAGE IS 26]

SOUTHERN CALIFORNIA GAS COMPANY ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D)

Line	CAPACITY AVAILABLE		2016	2017	2018	2019	2020
1	California Source Gas						
	Out-of-State Gas						
2	California Offshore -POPCO / PIOC						
3	El Paso Natural Gas Co.						
4	Transwestern Pipeline Co.						
5	Kern / Mojave						
6	PGT / PG&E						
7	Other						
8	Total Out-of-State Gas						
9	TOTAL CAPACITY AVAILABLE						
	GAS SUPPLY TAKEN						
10	California Source Gas		89	84	104	97	87
	Out-of-State Gas						
11	Other Out-of-State		2,342	2,434	2,246	2,305	2,366
12	Total Out-of-State Gas		2,342	2,434	2,246	2,305	2,366
13	TOTAL SUPPLY TAKEN		2,431	2,518	2,350	2,402	2,453
14	Net Underground Storage Withdrawal		80	(14)	(8)	7	(19)
15	TOTAL THROUGHPUT (1)(2)		**2,511**	**2,504**	**2,342**	**2,409**	**2,435**
	DELIVERIES BY END-USE						
16	Core	Residential	557	565	569	645	635
17		Commercial	213	214	217	226	196
18		Industrial	55	55	57	61	53
19		NGV	36	38	40	41	37
20		Subtotal	861	872	883	973	920
21	Noncore	Commercial	57	56	59	58	57
22		Industrial	391	389	389	357	369
23		EOR Steaming	39	39	38	51	51
24		Electric Generation	740	713	615	589	641
25		Subtotal	1,228	1,198	1,101	1,055	1,118
26	Wholesale/ International		390	401	333	342	374
27	Co. Use & LUAF		31	33	25	39	23
28	SYSTEM TOTAL-THROUGHPUT (1)(2)		2,511	2,504	2,342	2,409	2,435
	TRANSPORTATION AND EXCHANGE						
29	Core	All End Uses	56	62	71	74	63
30	Noncore	Commercial/ Industrial	449	446	448	415	426
31		EOR Steaming	39	39	38	51	51
32		Electric Generation	740	713	623	589	641
33		Subtotal-Retail	1,284	1,260	1,181	1,129	1,181
34	Wholesale/ International		390	401	333	342	374
35	TOTAL TRANSPORTATION & EXCHANGE		1,674	1,660	1,514	1,471	1,554
36	CURTAILMENT (3)						
37	REFUSAL						
38		Total BTU Factor (Dth/ Mcf)	1.0345	1.0343	1.0319	1.0336	1.0293

NOTES:

(1) The wholesale volumes only reflect natural gas supplied by SoCalGas; and, do not include supplies from other sources.
Refer to the supply source data provided in each utility's report for a complete accounting of their supply sources.

(2) Deliveries by end-use includes sales, transportation, and exchange volumes and data includes effect of prior period adjustments.

(3) The table does not explicitly show any curtailment numbers for the recorded years because, during some curtailment events.
the estimate of the curtailed volume is not available. This table does not explicitly show any curtailment data for the recorded years, the noncore customer usage data implicitly captures the effects of any curtailment events.

BLANK PAGE

[NEXT PAGE IS 28]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

LONG BEACH ENERGY RESOURCES DEPARTMENT RECORDED ACTUALS

BLANK PAGE

[NEXT PAGE IS 30]

LONG BEACH ENERGY RESOURCES DEPARTMENT ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D)

LINE	GAS SUPPLY AVAILABLE	2016	2017	2018	2019	2020
	California Source Gas					
1	Regular Purchases	-	-	-	-	-
2	Received for Exchange/Transport	-	-	-	-	-
3	Total California Source Gas	-	-	-	-	-
4	Purchases from Other Utilities	-	-	-	-	-
	Out-of-State Gas					
5	Pacific Interstate Companies	-	-	-	-	-
6	Additional Core Supplies	-	-	-	-	-
7	Incremental Supplies	-	-	-	-	-
8	Out-of-State Transport	-	-	-	-	-
9	Total Out-of-State Gas	-	-	-	-	-
10	Subtotal	-	-	-	-	-
11	Underground Storage Withdrawal	-	-	-	-	-
12	GAS SUPPLY AVAILABLE	-	-	-	-	-
	GAS SUPPLY TAKEN					
	California Source Gas					
13	Regular Purchases	0.9	0.6	0.6	1.1	0.7
14	Received for Exchange/Transport	0	0	0	0	0
15	Total California Source Gas	0.9	0.6	0.6	1.1	0.7
16	Purchases from Other Utilities	-	-	-	-	-
	Out-of-State Gas					
17	Pacific Interstate Companies	-	-	-	-	-
18	Additional Core Supplies	-	-	-	-	-
19	Incremental Supplies	22.8	24.6	23.9	25.2	24.8
20	Out-of-State Transport	-	-	-	-	-
21	Total Out-of-State Gas	22.8	24.6	23.9	25.2	24.8
22	Subtotal	23.7	25.2	24.5	26.3	25.5
23	Underground Storage Withdrawal	-	-	-	-	-
24	TOTAL Gas Supply Taken & Transported	23.7	25.2	24.5	26.3	25.5

LONG BEACH ENERGY RESOURCES DEPARTMENT ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D) (*continued*)

LINE	ACTUAL DELIVERIES BY END-USE		2016	2017	2018	2019	2020
1	CORE	Residential	11.9	11.8	12.1	12.9	12.9
2	CORE/NONCORE	Commercial	5.8	6.0	6.0	6.1	5.3
3	CORE/NONCORE	Industrial	3.9	4.7	4.3	4.7	4.1
4		Subtotal	21.6	22.5	22.4	23.8	22.2
5	NON CORE	Non-EOR Cogeneration	1.9	2.2	1.9	1.7	2.5
6		EOR Cogen. & Steaming	-	-	-	-	-
7		Electric Utilities	-	-	-	-	-
8		Subtotal	1.9	2.2	1.9	1.7	2.5
9	WHOLESALE	Residential	-	-	-	-	-
10		Com. & Ind., others	-	-	-	-	
11		Electric Utilities	-	-	-	-	-
12		Subtotal-WHOLESALE	-	-	-	-	-
13		Co. Use & LUAF	0.2	0.5	0.2	0.8	0.7
14		Subtotal-END USE	23.7	25.1	24.5	26.3	25.5
15		Storage Injection	-	-	-	-	-
16	SYSTEM TOTAL-THROUGHPUT		23.7	25.1	24.5	26.3	25.5
	ACTUAL TRANSPORTATION AND EXCHANGE						
17		Residential	N/A	N/A	N/A	N/A	N/A
18		Commercial/Industrial	2.6	2.9	3.0	3.1	2.8
19		Non-EOR Cogeneration	1.8	2.0	1.9	1.5	2.5
20		EOR Cogen. & Steaming	N/A	N/A	N/A	N/A	N/A
21		Electric Utilites	N/A	N/A	N/A	N/A	N/A 0
22		Subtotal-RETAIL	4.3	5.0	4.9	4.7	5.3
23	WHOLESALE	All End Uses	-	-	-	-	-
24	TOTAL TRANSPORTATION & EXCHANGE		4.3	5.0	4.9	4.7	5.3
	ACTUAL CURTAILMENT						
25		Residential	-	-	-	-	-
26		Commercial/Industrial	-	-	-	-	-
27		Non-EOR Cogeneration	-	-	-	-	-
28		EOR Cogen. & Steaming	-	-	-	-	-
29		Electric Utilites	-	-	-	-	-
30		Wholesale	-	-	-	-	-
31		TOTAL- Curtailment	-	-	-	-	-
32	REFUSAL		-	-	-	-	-

NOTE: Actual deliveries by end-use includes sales, transportation, and exchange volumes, but excludes actual curtailments.

2021 CALIFORNIA GAS REPORT SUPPLEMENT

SAN DIEGO GAS & ELECTRIC COMPANY RECORDED ACTUALS

BLANK PAGE

[NEXT PAGE IS 34]

SAN DIEGO GAS & ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D)

LINE	Actual Deliveries by End-Use		2016	2017	2018	2019	2020
1	**CORE**	Residential	71	72	70	81	81
2		Commercial	51	52	54	57	50
3		Industrial	-	-	-	-	-
4	*Subtotal -*	*CORE*	122	124	124	138	131
5	**NONCORE**	Commercial	-	-	-	-	-
6		Industrial	12	11	12	13	13
7		Non-EOR Cogen/EG	60	71	51	43	84
8		Electric Utilities	99	92	49	33	41
9	*Subtotal -*	*NONCORE*	171	174	112	89	138
10	**WHOLESALE**	All End Uses	-	-	-	-	-
11	*Subtotal -*	*Co Use & LUAF*	(3)	1	3	4	8
12	**SYSTEM TOTAL THROUGHPUT**		290	299	239	230	277
	Actual Transport & Exchange						
13	**CORE**	Residential	1	1	1	1	1
14		Commercial	13	13	14	14	12
15	**NONCORE**	Industrial	12	11	12	13	13
16		Non-EOR Cogen/EG	60	71	51	43	84
17		Electric Utilities	99	92	49	33	41
18	*Subtotal -*	*RETAIL*	185	188	127	103	151
19	**WHOLESALE**	All End Uses	-	-	-	-	-
20	**TOTAL TRANSPORT & EXCHANGE**		185	188	127	103	151
	Storage						
21		*Storage Injection*	-	-	-	-	-
22		*Storage Withdrawal*	-	-	-	-	-
	Actual Curtailment						
23		Residential	-	-	-	-	-
24		Com/Indl & Cogen	-	-	-	-	-
25		Electric Generation	-	-	-	-	-
26	**TOTAL CURTAILMENT**		-	-	-	-	-
27	**REFUSAL**		-	-	-	-	-
	ACTUAL DELIVERIES BY END-USE includes sales and transportation volumes						
		MMbtu/ Mcf:	1.036	1.040	1.038	1.032	1.025

NB: This file and MMCFD Supplies are used in the odd year reports (see P 17-18 of CGR)

SAN DIEGO GAS & ELECTRIC ANNUAL GAS SUPPLY AND REQUIREMENTS RECORDED YEARS 2016-2020 (MMCF/D)

(*continued*)

LINE		2016	2017	2018	2019	2020
	CAPACITY AVAILABLE					
1	**California Sources**					
	Out of State gas					
2	California Offshore (POPCO/PIOC)					
3	El Paso Natural Gas Company					
4	Transwestern Pipeline company					
5	Kern River/Mojave Pipeline Company					
6	TransCanada GTN/PG&E					
7	Other					
8	**TOTAL Output of State**					
9	Underground storage withdrawal					
10	**TOTAL Gas Supply available**					
	Gas Supply Taken	**2016**	**2017**	**2018**	**2019**	**2020**
	California Source Gas					
11	Regular Purchases	-	-	-	-	-
12	Received for Exchange/Transport	-	-	-	-	-
13	**Total California Source Gas**	-	-	-	-	-
14	**Purchases from Other Utilities**	-	-	-	-	-
	Out-of-State Gas					
15	Pacific Interstate Companies	-	-	-	-	-
16	Additional Core Supplies	-	-	-	-	-
17	Supplemental Supplies-Utility	105	111	112	128	126
18	Out-of-State Transport-Others	185	188	127	103	151
19	**Total Out-of-State Gas**	290	299	239	230	277
20	**TOTAL Gas Supply Taken & Transported**	290	299	239	230	277

2021 CALIFORNIA GAS REPORT SUPPLEMENT

CALIFORNIA NATURAL GAS STORAGE OVERVIEW

BLANK PAGE

[NEXT PAGE IS 40]

CALIFORNIA NATURAL GAS STORAGE CAPACITIES YEAR 2020

	Inventory (Bcf)	Injection (MMcf/d)	Withdrawal (MMcf/d)	Cite
Northern California				
Independent Storage Providers				
Lodi Gas Storage	31	550	750	1
Wild Goose Storage	75	525	950	2
Gill Ranch	20	650	650	3
Central Valley	11	300	300	4
Pacific Gas & Electric Company-Utility Storage*	49	557	2,080	5
Northern California Total	186	2,582	4,730	
Southern California				
Southern California Gas Company-Utility Storage	137	790	2,660	6
California Total	323	3,372	7,390	

Citations

1) https://www.rockpointgs.com/Businesses/Lodi - May 28, 2021
2) https://www.rockpointgs.com/Businesses/WildGoose - May 28, 2021
3) http://www.cpuc.ca.gov/environment/info/mha/gillranch/pea/05_section_3_project_description.pdf
https://gillranchstorage.com/about-gill-ranch - May 28, 2021
4) https://www.pivotalenergydev.com/commercial-operations/central-valley-gas-storage-operations.html - May 28, 2021
5) A.17-11-009, Table 6-5, pages 6-11
https://www.pge.com/pipeline/news/newsdetails/index.page?title=20210610_2445_news - June 24, 2021
6) PG&E's 2019 Gas Transmission and Storage Rate Case Application (A.) 17-11-009, Chapter 6 of PG&E's Prepared Testimony, p. 6-11, Table 6-5, PG&E Storage Field Statistical Summary

* PG&E's firm maximum inventory level

BLANK PAGE

[NEXT PAGE IS 42]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

RESPONDENTS

BLANK PAGE

[NEXT PAGE IS 44]

RESPONDENTS

The following utilities have been designated by the California Public Utilities Commission as respondents in the preparation of the *2021 Supplemental California Gas Report*.

- Southern California Gas Company
- Pacific Gas & Electric Company
- San Diego Gas & Electric Company
- Long Beach Energy Resources Department

A statewide committee has been formed by the respondents and cooperating utilities to prepare this report. The following individuals served on this committee:

WORKING COMMITTEE

- Eric Semelius—PG&E
- Todd Peterson—PG&E
- Andrew Klingler—PG&E
- Kimberly Chang—PG&E
- Rose-Marie Payan—SoCalGas/SDG&E
- Sharim Chaudhury—SoCalGas/SDG&E
- Scott Wilder—SoCalGas/SDG&E
- William Guo—SoCalGas/SDG&E
- Gary Lenart —SoCalGas
- Michelle Dandridge—SoCalGas
- Nasim Ahmed—SoCalGas
- Anna Haritoonian—SoCalGas
- Nancy Thom—SoCalGas
- Terry Ross—SoCalGas
- Michelle Clay—Ijomah--SDG&E
- Preston Miller—Kern River

OBSERVERS

- Jean Spencer—CPUC Energy Division
- Renee Guild—CPUC Energy Division
- Munir Fellahi—CPUC Energy Division
- Robert Gulliksen—California Energy Commission

BLANK PAGE

[NEXT PAGE IS 46]

2021 CALIFORNIA GAS REPORT SUPPLEMENT

RESERVE YOUR SUBSCRIPTION

BLANK PAGE

[NEXT PAGE IS 48]

RESERVE YOUR SUBSCRIPTION

2022 CALIFORNIA GAS REPORT

PACIFIC GAS AND ELECTRIC COMPANY

2022 CGR Reservation Form
Mail Code B10B
P.O. Box 770000
San Francisco, CA 94105
or
Email: Eric Semelius at
Eric.Semelius@pge.com

- ❑ Please send me a copy of the 2022 California Gas Report
- ❑ New subscriber
- ❑ Change of address

Company Name: _____

C/O: _____ Address: _____

City: _____ State: _____ Zip: _____

Phone: (_____)_____ Fax: (_____) _____

Also, please visit our website at: www.pge.com

BLANK PAGE

[NEXT PAGE IS 50]

RESERVE YOUR SUBSCRIPTION

2022 CALIFORNIA GAS REPORT

SOUTHERN CALIFORNIA GAS COMPANY

2022 CGR Reservation Form C/O Sharim Chaudhury
555 West Fifth Street
Mail Location GT14D6
Los Angeles, CA 90013
or
Email: Sharim Chaudhury at
IChaudhury@semprautilities.com

- ❑ Please send me a copy of the 2022 California Gas Report
- ❑ New subscriber
- ❑ Change of address

Company Name: _____

C/O:_____ Address: _____

City: _____ State: _____ Zip: _____

Phone: (_____)_____ Fax: (_____) _____

Also, please visit our websites at: www.socalgas.com
www.sdge.com

BLANK PAGE

[NEXT PAGE IS 52]

WESTERN NORTH AMERICAN NATURAL GAS PIPELINES

© Hitachi ABB Power Grids 2021. All rights reserved

1. West Coast Pipeline
2. Woodfibre LNG Terminal
3. Terasen Sumas Gas Pipeline
4. TransCanada Pipeline
5. Alliance Pipeline
6. Northern Border Pipeline
7. Gas Transmission Northwest (GTN Pipeline)
8. Northwest Pipeline
9. Jordan Cove LNG (Proposed)
10. Pacific Connector (Proposed)
11. Tuscarora Gas Transmission
12. Paiute Pipeline
13. Ruby Pipeline
14. Questar Pipeline
15. Rockies Express Pipeline
16. Southern Star Pipeline
17. TransColorado Pipeline
18. Kern River Pipeline
19. Pacific Gas & Electric Company
20. Southern California Gas Company
21. San Diego Gas Company
22. North Baja Pipeline
23. El Paso Natural Gas
24. TransWestern Pipeline
25. Rosarito Pipeline
26. Transportadora de Gas Natural (TGN)
27. Costa Azul LNG

BLANK PAGE

[NEXT PAGE IS 54]

Natural Gas Storage Facilities in California

© Hitachi ABB Power Grids 2021. All rights reserved

— Decision D.95-01-039 —