

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

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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

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STATEWIDE SOURCES AND DISPOSITION SUMMARY

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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.

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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	Mojava	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.

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RECORDED ACTUALS

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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.

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PACIFIC GAS AND ELECTRIC COMPANY RECORDED ACTUALS

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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				
39	NONCORE	INDUSTRIAL				
40		ELECTRIC GENERATION				
41		SUBTOTAL/RETAIL				
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.

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2021 CALIFORNIA GAS REPORT SUPPLEMENT

SOUTHERN CALIFORNIA GAS COMPANY RECORDED ACTUALS

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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					
	<u>Out-of-State Gas</u>					
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					
	<u>GAS SUPPLY TAKEN</u>					
10	California Source Gas	89	84	104	97	87
	<u>Out-of-State Gas</u>					
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
	<u>DELIVERIES BY END-USE</u>					
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
	<u>TRANSPORTATION AND EXCHANGE</u>					
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.

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2021 CALIFORNIA GAS REPORT SUPPLEMENT

LONG BEACH ENERGY RESOURCES DEPARTMENT RECORDED ACTUALS

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**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
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

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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		<i>Subtotal - CORE</i>	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		<i>Subtotal - NONCORE</i>	171	174	112	89	138
10	WHOLESALE	All End Uses	-	-	-	-	-
11		<i>Subtotal - Co Use & LUAF</i>	(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		<i>Subtotal - RETAIL</i>	185	188	127	103	151
19	WHOLESALE	All End Uses	-	-	-	-	-
20	TOTAL TRANSPORT & EXCHANGE		185	188	127	103	151
Storage							
21		<i>Storage Injection</i>	-	-	-	-	-
22		<i>Storage Withdrawal</i>	-	-	-	-	-
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	-	-	-	-	-
12	-	-	-	-	-
13	Total California Source Gas				
	-	-	-	-	-
14	Purchases from Other Utilities				
	-	-	-	-	-
Out-of-State Gas					
15	-	-	-	-	-
16	-	-	-	-	-
17	105	111	112	128	126
18	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

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CALIFORNIA NATURAL GAS STORAGE CAPACITIES YEAR 2020

	Inventory (Bcf)	Injection (MMcf/d)	Withdrawal (MMcf/d)	Cite
<u>Northern California</u>				
<u>Independent Storage Providers</u>				
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
<u>Pacific Gas & Electric Company-Utility Storage*</u>	49	557	2,080	5
<u>Northern California Total</u>	186	2,582	4,730	
<u>Southern California</u>				
Southern California Gas Company-Utility Storage	137	790	2,660	6
<u>California Total</u>	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

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2021 CALIFORNIA GAS REPORT SUPPLEMENT

RESPONDENTS

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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 Haritounian – 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

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2021 CALIFORNIA GAS REPORT SUPPLEMENT

RESERVE YOUR SUBSCRIPTION

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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

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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

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WESTERN NORTH AMERICAN NATURAL GAS PIPELINES



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

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NATURAL GAS STORAGE FACILITIES IN CALIFORNIA



