

CALIFORNIA GAS REPORT

2003 SUPPLEMENT



**PREPARED BY THE CALIFORNIA
GAS AND ELECTRIC UTILITIES**

SOUTHERN CALIFORNIA GAS COMPANY
PACIFIC GAS AND ELECTRIC COMPANY
SAN DIEGO GAS AND ELECTRIC COMPANY
SOUTHWEST GAS CORPORATION
CITY OF LONG BEACH ENERGY DEPARTMENT
LOS ANGELES DEPARTMENT OF WATER AND POWER

**2003
California
Gas
Report
Supplement**

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GAS AND ELECTRIC UTILITIES***

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FOREWORD

The 2003 Annual California Gas Report Supplement was prepared in compliance with California Public Utilities Commission Decision (D.) No. 95-01-039, approved on January 24, 1995. In addition to requiring respondent utilities to prepare a comprehensive California Gas Report biennially, 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 2003 California Gas Report Supplement includes the latest recorded data on gas supply and gas requirements for each of the utilities listed below.

Pacific Gas and Electric Company (PG&E)
Southern California Gas Company (SoCalGas)
City of Long Beach Energy Department (City of Long Beach)
San Diego Gas & Electric (SDG&E)
City of Los Angeles Department of Water and Power (LADWP)

The report is organized into two sections: Statewide Sources and Dispositions 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 City of Long Beach, SDG&E, and the LADWP.

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**STATEWIDE SOURCES AND
DISPOSITION SUMMARY**

STATEWIDE SOURCES AND DISPOSITION SUMMARY

The Statewide Sources and Disposition Summary is intended to complement the existing data tables by providing a comparison by customer segment. Please note that Non-Utility Deliveries is defined in this report as the volume of gas, which had been served by California utilities or is new load growth that could have been served by California utilities, but is now being served by non-utility entities. Unless otherwise noted, the gas requirements and supplies discussed throughout the report do not include gas volumes bypassing the system. However, projected bypass is listed as a separate line item in the tabular sections. 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 daily gas 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.

Note: Some columns may not sum precisely because of rounding and does not imply curtailments.

Statewide Sources and Disposition Summary

2003 California Gas Report Recorded 1998 Statewide Sources and Disposition Summary MMcf/Day

	California Sources	El Paso	Trans western	PG&E	Kern River	Mojave	Other ⁽¹⁾	Total
<u>Southern California Gas Company</u>								
Core (2)	81	589	246	52	23	34	(32)	993
Noncore Commercial/Industrial	60	177	107	69	50	7	(30)	440
EG (3)	96	282	171	110	80	11	0	750
EOR	4	11	7	4	3	0	0	29
Wholesale/Resale/International (4)	56	166	100	64	47	7	(17)	423
Total	298	1,224	631	299	204	60	(79)	2,636
<u>Pacific Gas and Electric Company</u>								
Core	13	103	102	595	44	0	0	858
Noncore Commercial/Industrial (5)	128	182	33	577	34	0	20	974
EG	3	46	40	230	15	0	8	343
EOR (6)	*	*	*	*	*	*	*	*
Wholesale/Resale	3	4	4	8	3	0	0	22
Total	147	334	181	1,410	97	0	28	2,197
<u>Other Northern California</u>								
Core (7)	0	0	0	0	0	0	11	11
<u>Non-Utilities</u>								
Direct Sales/Bypass	407	0	0	0	337	264	8	1,016
TOTAL SUPPLIER	852	1,558	812	1,709	638	324	(32)	5,860
<u>San Diego Gas & Electric Company (8)</u>								
Core	14	62	28	22	0	0	9	135
Noncore Commercial/Industrial	3	44	20	4	0	0	2	72
UEG	17	70	33	25	0	0	12	157
Total	34	176	81	52	0	0	22	364

NOTES:

- (1) Includes storage withdrawals.
- (2) Includes NGV volumes.
- (3) EG includes UEG, COGEN, and EOR Cogen.
- (4) Includes SDG&E data as shown.
- (5) Includes non-utility electric generation.
- (6) Volumes are included in Noncore Commercial/Industrial.
- (7) Includes customers served by Southwest Gas Corp., Avista and Tuscarora.
- (8) SDG&E data revised from previous reports.

Statewide Sources and Disposition Summary

2003 California Gas Report Recorded 1999 Statewide Sources and Disposition Summary MMcf/Day

	California Sources	El Paso	Trans western	PG&E	Kern River	Mojave	Other ⁽¹⁾	Total
Southern California Gas Company								
Core (2)	97	557	276	44	19	47	(23)	1,018
Noncore Commercial/Industrial	59	175	87	48	49	12	18	448
EG (3)	117	349	173	95	98	25	0	856
EOR	3	10	5	3	3	1	0	25
Wholesale/Resale/International (4)	55	164	81	45	46	12	11	413
Total	330	1,255	622	235	215	97	6	2,761
Pacific Gas and Electric Company (5)								
Core	8	134	76	595	62	0	0	875
Noncore Commercial/Industrial (6)	134	196	52	824	28	0	31	1,265
EG	6	19	12	46	16	0	3	103
EOR (7)	*	*	*	*	*	*	*	*
Wholesale/Resale	3	4	3	5	4	0	0	19
Total	151	353	143	1,470	110	0	34	2,262
Other Northern California								
Core (8)	0	0	0	0	0	0	11	11
Non-Utilities								
Direct Sales/Bypass	508	0	0	0	296	294	0	1,098
TOTAL SUPPLIER	989	1,608	765	1,705	621	391	51	6,132

NOTES:

(1) Includes storage withdrawals.

(2) Includes NGV volumes.

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

(4) Includes DGN volumes and SDG&E data as shown.

San Diego Gas & Electric Company (9)

Core	12	69	33	29	0	0	5	148
Noncore	7	120	57	14	0	0	3	201
Total	19	189	90	43	0	0	8	349

(5) Under PG&E's Gas Accord structure implemented in 1998, it became possible to make purchases at a Citygate point. Since the source of Citygate purchases cannot be readily determined, any Core, UEG or Wholesale Citygate purchases have been distributed between the other sources.

(6) Includes non-utility electric generation.

(7) Volumes are included in Noncore Commercial/Industrial.

(8) Includes Southwest Gas Corp., Avista and Tuscarora data.

(9) SDG&E data revised from previous reports.

Statewide Sources and Disposition Summary

2003 California Gas Report Recorded 2000 Statewide Sources and Disposition Summary MMcf/Day

	California Sources	El Paso	Trans western	PG&E GT-NW	Kern River	Mojave	Other (1)	Total
<u>Southern California Gas Company</u>								
Core (2)	28	600	263	11	6	40	10	957
Noncore Commercial/Industrial	49	167	80	53	48	11	55	463
EG (3)	144	492	235	155	141	32	0	1,199
EOR	4	14	6	4	4	1	0	33
Wholesale/Resale/International (4)	52	178	85	56	51	12	13	446
Total	276	1,450	670	278	250	95	78	3,098
<u>Pacific Gas and Electric Company (5)</u>								
Core	12	130	79	604	28	0	0	853
Noncore Commercial/Industrial (6)	142	255	101	929	17	0	0	1,444
EG	7	8	7	8	7	0	0	37
EOR (7)	*	*	*	*	*	*	*	*
Wholesale/Resale	2	1	2	2	0	0	0	7
Total	163	394	189	1,543	52	0	0	2,341
<u>Other Northern California</u>								
Core (8)	0	0	0	0	0	0	11	11
<u>Non-Utilities</u>								
Direct Sales/Bypass	552	0	0	0	294	243	0	1,089
TOTAL SUPPLIER	991	1,844	859	1,821	596	338	87	6,536
<u>San Diego Gas & Electric Company (9)</u>								
Core	9	63	25	36	0	0	5	139
Noncore Commercial/Industrial	1	171	70	6	0	0	1	250
Total	10	234	95	42	0	0	6	388

NOTES:

(1) Includes storage withdrawals.

(2) Includes NGV volumes.

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

(4) Includes DGN volumes and SDG&E data as shown.

San Diego Gas & Electric Company (9)

Core

Noncore Commercial/Industrial

Total

(5) Under PG&E's Gas Accord structure implemented in 1998, it became possible to make purchases at a Citygate point. Since the source of Citygate purchases cannot be readily determined, any Core, UEG or Wholesale Citygate purchases have been distributed between the other sources

(6) Includes non-utility electric generation.

(7) Volumes are included in Noncore Commercial/Industrial.

(8) Includes Southwest Gas Corp., Avista and Tuscarora data.

2003 California Gas Report
Recorded 2001 Statewide Sources and Disposition Summary
MMcf/Day

	California Sources	El Paso	Trans western	PG&E GT-NW	Kern River	Mojave	Other ⁽¹⁾	Total
<u>Southern California Gas Company</u>								
Core (2)	38	556	274	58	30	10	31	998
Noncore Commercial/Industrial	82	204	91	47	53	14	(93)	399
EG (3)	209	522	233	121	136	36	0	1,257
EOR	5	12	5	3	3	1	0	29
Wholesale/Resale/International (4)	80	201	90	47	52	14	(9)	475
Total	415	1,495	694	276	275	75	(70)	3,158
<u>Pacific Gas and Electric Company (5)</u>								
Core	29	110	94	574	6	0	0	813
Noncore Commercial/Industrial/EG/Resale	157	563	81	864	78	0	0	1,743
EOR (6)	.	.	.	.	.	.	.	0
Total	186	673	175	1,438	84	0	0	2,556
<u>Other Northern California</u>								
Core (7)	0	0	0	0	0	0	11	11
<u>Non-Utilities</u>								
Direct Sales/Bypass	440	0	0	0	319	208	0	967
TOTAL SUPPLIER	1,041	2,168	869	1,714	678	283	(61)	6,692
<u>San Diego Gas & Electric Company (8)</u>								
Core	9	45	17	43	4	4	16	136
Noncore Commercial/Industrial	1	205	77	3	0	0	1	288
Total	9	250	94	46	4	4	17	424

NOTES:

(1) Includes storage activities.

(2) Includes NGV volumes.

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

(4) Includes DGN volumes and SDG&E data as shown.

(5) Under PG&E's Gas Accord structure implemented in 1998, it became possible to make purchases at a Citygate point. Since the source of Citygate purchases cannot be readily determined, any Core, UEG or Wholesale Citygate purchases have been distributed between the other sources

(6) Volumes are included in Noncore Commercial/Industrial/EG/Resale

(7) Includes Southwest Gas Corp., Avista and Tuscarora data.

(8) SDG&E data revised from previous reports.

Statewide Sources and Disposition Summary

2003 California Gas Report Recorded 2002 Statewide Sources and Disposition Summary MMcf/Day

	California Sources	El Paso	Trans western	PG&E GT-NW	Kern River	Mojave	Other (1)	Total
<u>Southern California Gas Company</u>								
Core (2)	73	588	251	49	29	6	(13)	984
Noncore Commercial/Industrial	78	125	71	51	74	18	16	433
EG (3)	161	259	148	107	153	38	3	869
EOB	6	10	6	4	6	2	4	39
Wholesale/Resale/International (4)	79	127	73	52	75	19	1	425
Total	398	1,109	550	264	336	83	11	2,750
<u>Pacific Gas and Electric Company (5)</u>								
Core	53	92	90	578	4	0	0	817
Noncore Commercial/Industrial/EG/Resale	134	456	12	840	32	0	0	1,474
EOB(6)	*	*	*	*	*	*	*	0
Total	187	548	102	1,418	36	0	0	2,291
<u>Other Northern California</u>								
Core (7)	0	0	0	0	0	0	11	11
<u>Non-Utilities</u>								
Direct Sales/Bypass	430	0	0	0	306	200	0	936
TOTAL SUPPLIER	1,015	1,657	652	1,682	678	283	22	5,989
<u>San Diego Gas & Electric Company (8)</u>								
Core	3	47	11	41	1	0	24	127
Noncore Commercial/Industrial	0	194	47	2	0	0	1	244
Total	3	241	59	43	1	0	24	371

NOTES:

- (1) Includes storage activities.
- (2) Includes NGV volumes.
- (3) EG includes UEG, COGEN, and EOR Cogen.
- (4) Includes DGN volumes and SDG&E data as shown.
- (5) Under PG&E's Gas Accord structure implemented in 1998, it became possible to make purchases at a Citygate point. Since the source of Citygate purchases cannot be readily determined, any Core, UEG or Wholesale Citygate purchases have been distributed between the other sources
- (6) Volumes are included in Noncore Commercial/Industrial/EG/Resale
- (7) Includes Southwest Gas Corp., Avista and Tuscarora data.

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RECORDED ACTUALS

RECORDED ACTUALS

Recorded data for 1998 through 2002 are shown in the following tables in million of cubic feet per day (MMcf/day). Additional information on gas requirements is 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.

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NORTHERN CALIFORNIA RECORDED ACTUALS

Pacific Gas and Electric Company

Pacific Gas and Electric Company

ANNUAL GAS SUPPLY AND REQUIREMENTS
RECORDED YEARS 1998-2002
MMCF/DAY

LINE		1998	1999	2000	2001	2002	LINE
GAS SUPPLY TAKEN							
CALIFORNIA SOURCE GAS							
1	Core Purchases	13	8	12	29	53	1
2	Customer Gas Transport & Exchange	134	143	151	157	134	2
3	Total California Source Gas	147	151	163	186	187	3
OUT-OF-STATE GAS							
Core Purchases							
4	Rocky Mountain Gas	44	62	28	6	4	4
5	U.S. Southwest Gas	205	210	209	204	182	5
6	Canadian Gas	595	595	604	574	578	6
Customer Gas Transport							
7	Rocky Mountain Gas	53	48	24	78	32	7
8	U.S. Southwest Gas	310	286	374	644	468	8
9	Canadian Gas	815	875	939	864	840	9
10	Total Out-of-State Gas	2,022	2,076	2,178	2,370	2,104	10
11	STORAGE WITHDRAWAL ⁽²⁾	107	128	228	142	303	11
12	Total Gas Supply Taken	2,276	2,355	2,569	2,698	2,594	12
GAS SENDOUT							
CORE							
13	Residential	618	644	581	543	557	13
14	Commercial	224	232	218	244	249	14
15	NGV	1	1	2	2	2	15
16	Total Throughput-Core	843	877	801	789	808	16
NONCORE							
17	Industrial	514	473	537	420	406	17
18	Electric Generation ⁽¹⁾	688	703	941	1100	830	18
19	EOR	1	0	0	1	0	19
20	NGV	1	1	1	1	1	20
21	Total Throughput-Noncore	1204	1177	1479	1522	1237	21
22	Total Throughput	2047	2054	2280	2311	2045	22
23	WHOLESALE	12	12	11	11	9	23
24	CALIFORNIA EXCHANGE GAS	2	3	2	1	1	24
25	STORAGE GAS ⁽²⁾	146	162	149	252	316	25
26	SHRINKAGE Company Use / Unaccounted for	69	124	127	123	223	26
27	Total Gas Send Out ⁽³⁾	2,276	2,355	2,569	2,698	2,594	27
CURTAILMENT / ALTERNATIVE FUEL BURNS⁽⁴⁾							
28	Residential, Commercial, Industrial and EOR	1	0	0	0	0	28
29	Utility Electric Generation	0	0	0	0	0	29
30	TOTAL CURTAILMENT	1	0	0	0	0	30

NOTES:

- (1) Electric generation includes Non-EOR cogeneration, PG&E Utility Electric Generation, and other non-utility generation.
- (2) Includes both PG&E and third party storage
- (3) Total gas send-out excludes off-system transportation.
- (4) 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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SOUTHERN CALIFORNIA RECORDED ACTUALS

**Southern California Gas Company
City of Long Beach Energy Department
San Diego Gas and Electric Company
Los Angeles Department of Water and Power**

Southern California Gas Company

ANNUAL GAS SUPPLY AND SENDOUT - MMCF/DAY RECORDED YEARS 1998 TO 2002

Line	CAPACITY AVAILABLE	1998	1999	2000	2001	2002	LINE
1	California Source Gas						1
2	Out-of-State Gas						2
3	California Offshore -POPCO / PIOC						3
4	El Paso Natural Gas Co.						4
5	Transwestern Pipeline Co.						5
6	Kern / Mojave						6
7	PGT / PG&E						7
8	Other						8
9	Total Out-of-State Gas						9
10	TOTAL CAPACITY AVAILABLE						10
11	GAS SUPPLY TAKEN						11
12	California Source Gas	250	271	386	388	300	12
13	Out-of-State Gas	277	111	0	0	0	13
14	Pacific Interstate Companies	2,242	2,412	2,689	2,907	2,488	14
15	Other Out-of-State	2,519	2,523	2,689	2,907	2,488	15
16	Total Out-of-State Gas	2,769	2,794	3,075	3,295	2,788	16
17	TOTAL SUPPLY TAKEN	(79)	6	78	(70)	11	17
18	Net Underground Storage Withdrawal	2,689	2,800	3,153	3,225	2,799	18
19	TOTAL THROUGHPUT (1)(2)						19
20	ACTUAL DELIVERIES BY END-USE (3)						20
21	Core Residential	745	761	694	724	707	21
22	Commercial	190	197	199	205	205	22
23	Industrial	54	54	56	57	57	23
24	NGV	5	6	9	12	15	24
25	Subtotal	993	1,018	957	998	984	25
26	Noncore Commercial	70	71	71	61	65	26
27	Industrial	370	377	392	338	368	27
28	EOR Steaming	29	25	33	29	39	28
29	Electric Generation	750	856	1,199	1,257	869	29
30	Subtotal	1,219	1,329	1,695	1,685	1,342	30
31	Wholesale Residential	125	134	120	116	106	31
32	Com/Ind & Others	86	87	84	77	75	32
33	Electric Generation	206	181	231	276	234	33
34	Subtotal	417	402	435	469	415	34
35	International DGN	6	11	11	6	10	35
36	Co. Use & LUAF	55	40	55	66	48	36
37	SYSTEM TOTAL-THROUGHPUT (1)	2,689	2,800	3,153	3,225	2,799	37
38	TRANSPORTATION AND EXCHANGE						38
39	Core All End Uses	38	42	42	26	14	39
40	Noncore Commercial/Industrial	428	439	457	393	427	40
41	EOR Steaming	29	25	33	29	39	41
42	Electric Generation	749	855	1,197	1,255	869	42
43	Subtotal-Retail	1,244	1,361	1,729	1,703	1,348	43
44	Wholesale All End Uses	417	402	435	469	415	44
45	International DGN	6	11	11	6	10	45
46	TOTAL TRANSPORTATION & EXCHANGE	1,667	1,774	2,175	2,178	1,773	46
47	CURTAILMENT (RETAIL & WHOLESALE)						47
48	Core	0	0	0	0	0	48
49	Noncore	0	0	0	0	0	49
50	TOTAL - Curtailment	0	0	0	0	0	50
51	REFUSAL	0	0	0	0	0	51

NOTES:

(1) Figures exclude pipeline bypass load losses due to non-jurisdictional gas suppliers.

(2) Exclude own-source gas supply of procurement by Edison and City of Long Beach.

(3) Actual deliveries by end-use includes sales, transportation, and exchange volumes.

CITY OF LONG BEACH ENERGY DEPARTMENT

ANNUAL GAS SUPPLY AND SENDOUT - MMCF/DAY
RECORDED YEARS 1998 THRU 2002

LINE	GAS SUPPLY AVAILABLE	1998	1999	2000	2001	2002	LINE
	California Source Gas						
1	Regular Purchases						1
2	Received for Exchange/Transport						2
3	Total California Source Gas						3
4	Purchases from Other Utilities						4
	Out-of-State Gas						
5	Pacific Interstate Companies						5
6	Additional Core Supplies						6
7	Incremental Supplies						7
8	Out-of-State Transport						8
9	Total Out-of-State Gas						9
10	Subtotal						10
11	Underground Storage Withdrawal						11
12	GAS SUPPLY AVAILABLE						12
	GAS SUPPLY TAKEN						
	California Source Gas						
13	Regular Purchases	11	10	11	11	11	13
14	Received for Exchange/Transport	0	0	0	0	0	14
15	Total California Source Gas	11	10	11	11	11	15
16	Purchases from Other Utilities	0	0	0	0	0	16
	Out-of-State Gas						
17	Pacific Interstate Companies	0	0	0	0	0	17
18	Additional Core Supplies	0	0	0	0	0	18
19	Incremental Supplies	25	27	24	21	21	19
20	Out-of-State Transport	0	0	0	0	0	20
21	Total Out-of-State Gas	25	27	24	21	21	21
22	Subtotal	36	37	34	32	31	22
23	Underground Storage Withdrawal	0	0	0	0	0	23
24	TOTAL Gas Supply Taken & Transported	36	37	34	32	31	24

City of Long Beach Energy Department

CITY OF LONG BEACH ENERGY DEPARTMENT

**ANNUAL GAS SUPPLY AND SENDOUT - MMCF/DAY
RECORDED YEARS 1998 THRU 2002**

LINE	ACTUAL DELIVERIES BY END-USE		1998	1999	2000	2001	2002	LINE
1	CORE	Residential	18	18	17	17	16	1
2	CORE/NONCORE	Commercial	7	7	6	7	7	2
3	CORE/NONCORE	Industrial	10	10	9	7	6	3
4		Subtotal	35	36	32	31	29	4
5	NON CORE	Non-EOR Cogeneration	0	0	0	0	0	5
6		EOR Cogen. & Steaming	0	0	0	0	0	6
7		Electric Utilities	0	0	0	0	0	7
8		Subtotal	0	0	0	0	0	8
9	WHOLESALE	Residential	0	0	0	0	0	9
10		Com. & Ind., others	0	0	0	0	0	10
11		Electric Utilities	0	0	0	0	0	11
12		Subtotal-WHOLESALE	0	0	0	0	0	12
13		Co. Use & LUAF	1	0	1	1	1	13
14		Subtotal-END USE	36	36	32	32	31	14
15		Storage Injection	0	0	0	0	0	15
16	SYSTEM TOTAL-THROUGHPUT		36	36	32	32	31	16
ACTUAL TRANSPORTATION AND EXCHANGE								
17		Residential	N/A	N/A	N/A	N/A	N/A	17
18		Commercial/Industrial	N/A	N/A	N/A	N/A	N/A	18
19		Non-EOR Cogeneration	N/A	N/A	N/A	N/A	N/A	19
20		EOR Cogen. & Steaming	N/A	N/A	N/A	N/A	N/A	20
21		Electric Utilities	N/A	N/A	N/A	N/A	N/A	21
22		Subtotal-RETAIL	25	27	24	21	21	22
23	WHOLESALE	All End Uses	0	0	0	0	0	23
24	TOTAL TRANSPORTATION & EXCHANGE		25	27	24	21	21	24
ACTUAL CURTAILMENT								
25		Residential	0	0	0	0	0	25
26		Commercial/Industrial	0	0	0	0	0	26
27		Non-EOR Cogeneration	0	0	0	0	0	27
28		EOR Cogen. & Steaming	0	0	0	0	0	28
29		Electric Utilities	0	0	0	0	0	29
30		Wholesale	0	0	0	0	0	30
31		TOTAL- Curtailment	0	0	0	0	0	31
32	REFUSAL		0	0	0	0	0	32

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

ANNUAL GAS SUPPLY TAKEN
RECORDED YEARS 1998-2002
MMCFD

<u>LINE</u>		<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>LINE</u>
<u>GAS SUPPLY AVAILABLE</u>							
1	California Source Gas						1
	Out-of-State Gas						
2	California Offshore - POPCO/PIC						2
3	El Paso Natural Gas Company						3
4	Transwestern Pipeline Company						4
5	Kern/Mojave						5
6	PGT/PG&E						6
7	Other						7
8	TOTAL Out-of-State Gas						8
9	Underground Storage Withdrawal						9
10	TOTAL GAS SUPPLY AVAILABLE						10
<u>GAS SUPPLY TAKEN</u>							
	California Source Gas						
11	Regular Purchases	34	18	10	9	3	11
12	Received for Exchange/Transport	0	0	0	0	0	12
13	Total California Source Gas	34	18	10	9	3	13
14	Purchases from Other Utilities	0	0	0	0	0	14
	Out-of-State Gas						
15	Pacific Interstate Companies	0	0	0	0	0	15
16	Additional Core Supplies	0	0	0	0	0	16
17	Supplemental Supplies-Utility	279	200	145	131	122	17
18	Out-of-State Transport-Others	51	131	233	284	247	18
19	Total Out-of-State Gas	330	331	378	415	368	19
20	TOTAL Gas Supply Taken & Transported	364	349	388	424	371	20

San Diego Gas and Electric Company

**ACTUAL GAS SUPPLY AND SENDOUT
RECORDED YEARS 1998-2002
MMCFD**

LINE	Actual Deliveries by End-Use		1998	1999	2000	2001	2002	LINE
1	CORE	Residential	96	104	92	93	92	1
2		Commercial	37	41	40	46	49	2
3		Industrial	0	0	0	0	0	3
4	Subtotal - CORE		134	144	132	139	141	4
5	NONCORE	Commercial	0	0	0	0	0	5
6		Industrial	26	22	21	12	10	6
7		Non-EOR Cogen/EG	47	128	228	276	234	7
8		Electric Utilities	157	51	0	0	0	8
9	Subtotal - NONCORE		229	201	250	288	244	9
10	WHOLESALE	All End Uses	0	0	0	0	0	10
11	Subtotal - Co Use & LUAF		1	4	7	-2	-14	11
12	SYSTEM TOTAL THROUGHPUT		364	349	388	424	371	12
Actual Transport & Exchange								
13	CORE	Residential	0	0	0	0	0	13
14		Commercial	4	5	5	6	7	14
15	NONCORE	Industrial	8	6	5	6	8	15
16		Non-EOR Cogen/EG	39	120	222	272	232	16
17		Electric Utilities	0	0	0	0	0	17
18	Subtotal - RETAIL		51	131	233	284	247	18
19	WHOLESALE	All End Uses	0	0	0	0	0	19
20	TOTAL TRANSPORT & EXCHANGE		51	131	233	284	247	20
Storage								
21		Storage Injection	18	15	17	12	11	21
22		Storage Withdrawal	9	27	20	7	16	22
Actual Curtailment								
23		Residential	0	0	0	0	0	23
24		Com/Indl & Cogen	0	0	0	0	0	24
25		Electric Generation	0	0	1	3	0	25
26	TOTAL CURTAILMENT		0	0	1	3	0	26
27	REFUSAL		0	0	0	0	0	27
ACTUAL DELIVERIES BY END-USE includes sales and transportation volumes								
MMbtu/Mcf:			1.010	1.009	1.013	1.018	1.014	

Los Angeles Department of Water and Power
ANNUAL GAS SUPPLY AND SENDOUT
RECORDED YEARS 1998-2002
MMCF/DAY

LINE	GAS SUPPLY AVAILABLE	1998	1999	2000	2001	2002	LINE
1	California Source Gas						1
	Out-of-State Gas						
2	California Offshore - POPCO/PIOC						2
3	El Paso Natural Gas Co.						3
4	Transwestern Pipeline Co.						4
5	Kern /Mojave						5
6	PGT/PG&E						6
7	Other						7
8	TOTAL Out-of-State Gas						8
9	Subtotal						9
10	Underground Storage Withdrawal						10
11	TOTAL GAS SUPPLY AVAILABLE						11
	<u>GAS SUPPLY TAKEN</u>						
12	California Source Gas	0	0	0	0	0	12
	Out-of-State Gas						
13	Pacific Interstate Companies	0	0	0	0	0	13
14	Other Out-of-State	82	148	186	157	116	14
15	Total Out-of-State Gas	82	148	186	157	116	15
16	Subtotal	82	148	186	157	116	16
17	Underground Storage Withdrawal	0	0	0	0	0	17
18	TOTAL GAS SUPPLY TAKEN	82	148	186	157	116	18

Los Angeles Department of Water and Power

ANNUAL GAS SUPPLY AND SENDOUT

RECORDED YEARS 1998-2002

MMCF/DAY

LINE	ACTUAL DELIVERIES BY END-USE		1998	1999	2000	2001	2002	LINE
1	CORE	Residential	0	0	0	0	0	1
2	CORE/NONCORE	Commercial	0	0	0	0	0	2
3	CORE/NONCORE	Industrial	0	0	0	0	0	3
4		Subtotal	0	0	0	0	0	4
5	NONCORE	Non-EOR Cogeneration	0	0	0	0	0	5
6		EOR Cogen. & Steaming	0	0	0	0	0	6
7		Electric Utilities	82	148	186	157	116	7
8		Subtotal	82	148	186	157	116	8
9	WHOLESALE	Residential	0	0	0	0	0	9
10		Com. & Ind., others	0	0	0	0	0	10
11		Electric Utilities	0	0	0	0	0	11
12		Subtotal WHOLESALE	0	0	0	0	0	12
13		Co. Use & LUAF	0	0	0	0	0	13
14		Subtotal-END USE	82	148	186	157	116	14
15		Storage Injection	0	0	0	0	0	15
16	SYSTEM TOTAL THROUGHPUT		82	148	186	157	116	16
<u>ACTUAL TRANSPORTATION AND EXCHANGE</u>								
17	CORE	All End Uses	0	0	0	0	0	17
18	NONCORE	Commercial/Industrial	0	0	0	0	0	18
19		Non-EOR Cogeneration	0	0	0	0	0	19
20		EOR Cogen. & Steaming	0	0	0	0	0	20
21		Electric Utilities	82	148	186	157	116	21
22		Subtotal-RETAIL	82	148	186	157	116	22
23	WHOLESALE	All End Uses	0	0	0	0	0	23
24	TOTAL TRANSPORTATION & EXCHANGE		82	148	186	157	116	24
<u>CURTAILMENT (RETAIL & WHOLESALE)</u>								
25		Core	0	0	0	0	0	25
26		Noncore	0	0	0	0	0	26
27		TOTAL-Curtailment	0	0	0	0	0	27
28	REFUSAL		0	0	0	0	0	28

NOTE:

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

RESPONDENTS

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

**Pacific Gas and Electric Company
San Diego Gas and Electric Company
Southern California Gas Company**

The following utilities cooperated in the preparation of the report.

**City of Long Beach Energy Department
City of Los Angeles Department of Water and Power
Sacramento Municipal Utilities District
Southwest Gas Corporation**

Two statewide committees have been formed by the respondents and cooperating utilities to prepare this report. The following individuals served on these committees this year.

GENERAL COMMITTEE

Thomas J. Armstrong
William L. Reed
Lee Schavrien

Southwest Gas Corporation
Semptra Energy Utilities*
Semptra Energy Utilities*

WORKING COMMITTEE

Gregory Healy (Chairperson)
Richard Hendrix
Carl Funke
Gino Beltran
Ginger Shugart
Jaime Cattanach
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Semptra Energy Utilities*
Pacific Gas and Electric Company
San Diego Gas and Electric Company
Los Angeles Department of Water and Power
City of Long Beach Energy Department
Southwest Gas Corporation
Sacramento Municipal Utilities District

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California Energy Commission

**Sempra Energy Utilities represents the Southern California Gas Company and San Diego Gas and Electric Company.*

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