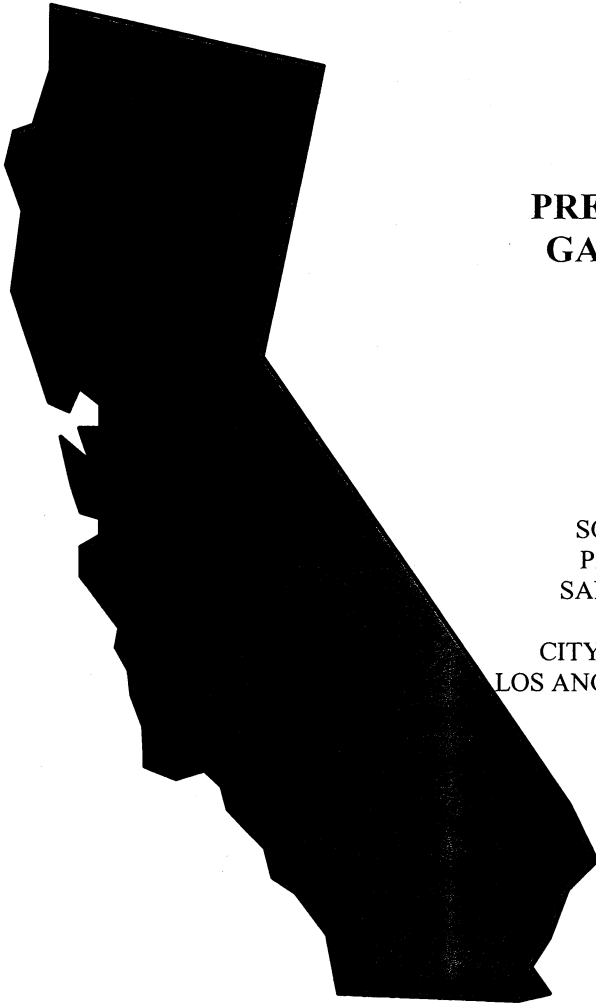


# **CALIFORNIA GAS REPORT**

## **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

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**2003  
California  
Gas  
Report  
Supplement**

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

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# CALIFORNIA GAS REPORT

## 2003 Supplement

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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**

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## 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 1999 Statewide Sources and Disposition Summary  
MMcfd/Day**

|   | California Sources | El Paso      | Trans western | PG&E         | Kern River | Mojave     | Other (1) | Total        |
|---|--------------------|--------------|---------------|--------------|------------|------------|-----------|--------------|
| <b>Southern California Gas Company</b>          |                    |              |               |              |            |            |           |              |
| 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          |
| <b>Total</b>                                    | <b>330</b>         | <b>1,255</b> | <b>622</b>    | <b>235</b>   | <b>215</b> | <b>97</b>  | <b>6</b>  | <b>2,761</b> |
| <b>Pacific Gas and Electric Company (5)</b>     |                    |              |               |              |            |            |           |              |
| 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           |
| <b>Total</b>                                    | <b>151</b>         | <b>353</b>   | <b>143</b>    | <b>1,470</b> | <b>110</b> | <b>0</b>   | <b>34</b> | <b>2,262</b> |
| <b>Other Northern California</b>                |                    |              |               |              |            |            |           |              |
| Core (8)  | 0                  | 0            | 0             | 0            | 0          | 0          | 11        | 11           |
| <b>Non-Utilities</b>                            |                    |              |               |              |            |            |           |              |
| Direct Sales/Bypass                             | 508                | 0            | 0             | 0            | 296        | 294        | 0         | 1,098        |
| <b>TOTAL SUPPLIER</b>                           | <b>989</b>         | <b>1,608</b> | <b>765</b>    | <b>1,705</b> | <b>621</b> | <b>391</b> | <b>51</b> | <b>6,132</b> |
| <b>San Diego Gas &amp; Electric Company (9)</b> |                    |              |               |              |            |            |           |              |
| Core  | 12                 | 69           | 33            | 29           | 0          | 0          | 5         | 148          |
| Noncore   | 7                  | 120          | 57            | 14           | 0          | 0          | 3         | 201          |
| <b>Total</b>                                    | <b>19</b>          | <b>189</b>   | <b>90</b>     | <b>43</b>    | <b>0</b>   | <b>0</b>   | <b>8</b>  | <b>349</b>   |

**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.
- (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.

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 <sup>(1)</sup> | Total        |
|---|--------------------|--------------|---------------|--------------|------------|------------|----------------------|--------------|
| <b>Southern California Gas Company</b>          |                    |              |               |              |            |            |                      |              |
| 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          |
| <b>Total</b>                                    | <b>415</b>         | <b>1,495</b> | <b>694</b>    | <b>276</b>   | <b>275</b> | <b>75</b>  | <b>(70)</b>          | <b>3,158</b> |
| <b>Pacific Gas and Electric Company (5)</b>     |                    |              |               |              |            |            |                      |              |
| 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            |
| <b>Total</b>                                    | <b>186</b>         | <b>673</b>   | <b>175</b>    | <b>1,438</b> | <b>84</b>  | <b>0</b>   | <b>0</b>             | <b>2,556</b> |
| <b>Other Northern California</b>                |                    |              |               |              |            |            |                      |              |
| Core (7)  | 0                  | 0            | 0             | 0            | 0          | 0          | 11                   | 11           |
| <b>Non-Utilities</b>                            |                    |              |               |              |            |            |                      |              |
| Direct Sales/Bypass                             | 440                | 0            | 0             | 0            | 319        | 208        | 0                    | 967          |
| <b>TOTAL SUPPLIER</b>                           | <b>1,041</b>       | <b>2,168</b> | <b>869</b>    | <b>1,714</b> | <b>678</b> | <b>283</b> | <b>(61)</b>          | <b>6,692</b> |
| <b>San Diego Gas &amp; Electric Company (8)</b> |                    |              |               |              |            |            |                      |              |
| Core  | 9                  | 45           | 17            | 43           | 4          | 4          | 16                   | 136          |
| Noncore Commercial/Industrial                   | 1                  | 205          | 77            | 3            | 0          | 0          | 1                    | 288          |
| <b>Total</b>                                    | <b>9</b>           | <b>250</b>   | <b>94</b>     | <b>46</b>    | <b>4</b>   | <b>4</b>   | <b>17</b>            | <b>424</b>   |

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.

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***RECORDED ACTUALS***

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## 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***

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**Pacific Gas and Electric Company**

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

| LINE  |   | 1998  | 1999  | 2000  | 2001  | 2002  | LINE |
|---|---|-------|-------|-------|-------|-------|------|
| <b>GAS SUPPLY TAKEN</b>                                   |   |       |       |       |       |       |      |
| <b>CALIFORNIA SOURCE GAS</b>                              |   |       |       |       |       |       |      |
| 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    |
| <b>OUT-OF-STATE GAS</b>                                   |   |       |       |       |       |       |      |
| <b>Core Purchases</b>                                     |   |       |       |       |       |       |      |
| 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    |
| <b>Customer Gas Transport</b>                             |   |       |       |       |       |       |      |
| 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 <sup>(2)</sup>           | 107   | 128   | 228   | 142   | 303   | 11   |
| 12  | Total Gas Supply Taken                      | 2,276 | 2,355 | 2,569 | 2,698 | 2,594 | 12   |
| <b>GAS SENDOUT</b>  |   |       |       |       |       |       |      |
| <b>CORE</b>   |   |       |       |       |       |       |      |
| 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   |
| <b>NONCORE</b>  |   |       |       |       |       |       |      |
| 17  | Industrial                                  | 514   | 473   | 537   | 420   | 406   | 17   |
| 18  | Electric Generation <sup>(1)</sup>          | 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 <sup>(2)</sup>                  | 146   | 162   | 149   | 252   | 316   | 25   |
| 26  | SHRINKAGE Company Use / Unaccounted for     | 69    | 124   | 127   | 123   | 223   | 26   |
| 27  | Total Gas Send Out <sup>(3)</sup>           | 2,276 | 2,355 | 2,569 | 2,698 | 2,594 | 27   |
| <b>CURTAILMENT / ALTERNATIVE FUEL BURNS<sup>(4)</sup></b> |   |       |       |       |       |       |      |
| 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***

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

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*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    |
|      | <u>Out-of-State Gas</u>  |       |       |       |       |       |      |
| 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    | TOTAL CAPACITY AVAILABLE   |       |       |       |       |       | 9    |
|      | <u>GAS SUPPLY TAKEN</u>  |       |       |       |       |       |      |
| 10   | California Source Gas  | 250   | 271   | 386   | 388   | 300   | 10   |
|      | <u>Out-of-State Gas</u>  |       |       |       |       |       |      |
| 11   | Pacific Interstate Companies   | 277   | 111   | 0     | 0     | 0     | 11   |
| 12   | Other Out-of-State   | 2,242 | 2,412 | 2,689 | 2,907 | 2,488 | 12   |
| 13   | Total Out-of-State Gas   | 2,519 | 2,523 | 2,689 | 2,907 | 2,488 | 13   |
| 14   | TOTAL SUPPLY TAKEN   | 2,769 | 2,794 | 3,075 | 3,295 | 2,788 | 14   |
| 15   | Net Underground Storage Withdrawal   | (79)  | 6     | 78    | (70)  | 11    | 15   |
| 16   | TOTAL THROUGHPUT (1)(2)  | 2,689 | 2,800 | 3,153 | 3,225 | 2,799 | 16   |
|      | <u>ACTUAL DELIVERIES BY END-USE (3)</u>  |       |       |       |       |       |      |
| 17   | Core Residential   | 745   | 761   | 694   | 724   | 707   | 17   |
| 18   | Commercial   | 190   | 197   | 199   | 205   | 205   | 18   |
| 19   | Industrial   | 54    | 54    | 56    | 57    | 57    | 19   |
| 20   | NGV  | 5     | 6     | 9     | 12    | 15    | 20   |
| 21   | Subtotal   | 993   | 1,018 | 957   | 998   | 984   | 21   |
| 22   | Noncore Commercial   | 70    | 71    | 71    | 61    | 65    | 22   |
| 23   | Industrial   | 370   | 377   | 392   | 338   | 368   | 23   |
| 24   | EOR Steaming   | 29    | 25    | 33    | 29    | 39    | 24   |
| 25   | Electric Generation  | 750   | 856   | 1,199 | 1,257 | 869   | 25   |
| 26   | Subtotal   | 1,219 | 1,329 | 1,695 | 1,685 | 1,342 | 26   |
| 27   | Wholesale Residential  | 125   | 134   | 120   | 116   | 106   | 27   |
| 28   | Com/Ind & Others   | 86    | 87    | 84    | 77    | 75    | 28   |
| 29   | Electric Generation  | 206   | 181   | 231   | 276   | 234   | 29   |
| 30   | Subtotal   | 417   | 402   | 435   | 469   | 415   | 30   |
| 31   | International DGN  | 6     | 11    | 11    | 6     | 10    | 31   |
| 32   | Co. Use & LUAF   | 55    | 40    | 55    | 66    | 48    | 32   |
| 33   | SYSTEM TOTAL-THROUGHPUT (1)  | 2,689 | 2,800 | 3,153 | 3,225 | 2,799 | 33   |
|      | <u>TRANSPORTATION AND EXCHANGE</u>   |       |       |       |       |       |      |
| 34   | Core All End Uses  | 38    | 42    | 42    | 26    | 14    | 34   |
| 35   | Noncore Commercial/Industrial  | 428   | 439   | 457   | 393   | 427   | 35   |
| 36   | EOR Steaming   | 29    | 25    | 33    | 29    | 39    | 36   |
| 37   | Electric Generation  | 749   | 855   | 1,197 | 1,255 | 869   | 37   |
| 38   | Subtotal-Retail  | 1,244 | 1,361 | 1,729 | 1,703 | 1,348 | 38   |
| 39   | Wholesale All End Uses   | 417   | 402   | 435   | 469   | 415   | 39   |
| 40   | International DGN  | 6     | 11    | 11    | 6     | 10    | 40   |
| 41   | TOTAL TRANSPORTATION & EXCHANGE  | 1,667 | 1,774 | 2,175 | 2,178 | 1,773 | 41   |
|      | <u>CURTAILMENT (RETAIL &amp; WHOLESALE)</u>  |       |       |       |       |       |      |
| 42   | Core   | 0     | 0     | 0     | 0     | 0     | 42   |
| 43   | Noncore  | 0     | 0     | 0     | 0     | 0     | 43   |
| 44   | TOTAL - Curtailment  | 0     | 0     | 0     | 0     | 0     | 44   |
| 45   | REFUSAL  | 0     | 0     | 0     | 0     | 0     | 45   |
|      | <u>NOTES:</u>  |       |       |       |       |       |      |
|      | (1) Figures exclude pipeline bypass load losses due to non-jurisdictional gas suppliers. | 392   | 395   | 387   | 410   | 358   |      |
|      | (2) Exclude own-source gas supply of procurement by Edison and City of Long Beach.       | 19    | 10    | 11    | 11    | 11    |      |
|      | (3) Actual deliveries by end-use includes sales, transportation, and exchange volumes.   |       |       |       |       |       |      |

*City of Long Beach Energy Department*

**CITY OF LONG BEACH ENERGY DEPARTMENT**

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

| <b>LINE</b>                               | <b>ACTUAL DELIVERIES BY END-USE</b> |                                 | <b>1998</b> | <b>1999</b> | <b>2000</b> | <b>2001</b> | <b>2002</b> | <b>LINE</b> |
|---|-------------------------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 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          |
| <b>ACTUAL TRANSPORTATION AND EXCHANGE</b> |                                     |                                 |             |             |             |             |             |             |
| 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 Utilites               | 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          |
| <b>ACTUAL CURTAILMENT</b>                 |                                     |                                 |             |             |             |             |             |             |
| 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 Utilites               | 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.

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

| <u>LINE</u> | <u>Actual Deliveries by End-Use</u>                                    |                                     | <u>1998</u> | <u>1999</u> | <u>2000</u> | <u>2001</u> | <u>2002</u> | <u>LINE</u> |
|-------------|--|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 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           |  | <i>Subtotal - CORE</i>              | 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 Cogem/EG                    | 47          | 128         | 228         | 276         | 234         | 7           |
| 8           |  | Electric Utilities                  | 157         | 51          | 0           | 0           | 0           | 8           |
| 9           |  | <i>Subtotal - NONCORE</i>           | 229         | 201         | 250         | 288         | 244         | 9           |
| 10          | WHOLESALE  | All End Uses                        | 0           | 0           | 0           | 0           | 0           | 10          |
| 11          |  | <i>Subtotal - Co Use &amp; LUAF</i> | 1           | 4           | 7           | -2          | -14         | 11          |
| 12          | <b>SYSTEM TOTAL THROUGHPUT</b>   |                                     | 364         | 349         | 388         | 424         | 371         | 12          |
|             | <b><u>Actual Transport &amp; Exchange</u></b>                          |                                     |             |             |             |             |             |             |
| 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 Cogem/EG                    | 39          | 120         | 222         | 272         | 232         | 16          |
| 17          |  | Electric Utilities                  | 0           | 0           | 0           | 0           | 0           | 17          |
| 18          |  | <i>Subtotal - RETAIL</i>            | 51          | 131         | 233         | 284         | 247         | 18          |
| 19          | WHOLESALE  | All End Uses                        | 0           | 0           | 0           | 0           | 0           | 19          |
| 20          | <b>TOTAL TRANSPORT &amp; EXCHANGE</b>                                  |                                     | 51          | 131         | 233         | 284         | 247         | 20          |
|             | <b><u>Storage</u></b>  |                                     |             |             |             |             |             |             |
| 21          |  | <i>Storage Injection</i>            | 18          | 15          | 17          | 12          | 11          | 21          |
| 22          |  | <i>Storage Withdrawal</i>           | 9           | 27          | 20          | 7           | 16          | 22          |
|             | <b><u>Actual Curtailment</u></b>                                       |                                     |             |             |             |             |             |             |
| 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          | <b>TOTAL CURTAILMENT</b>   |                                     | 0           | 0           | 1           | 3           | 0           | 26          |
| 27          | <b>REFUSAL</b>   |                                     | 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   | 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   |
| <b><u>ACTUAL TRANSPORTATION AND EXCHANGE</u></b>   |                                 |                       |      |      |      |      |      |      |
| 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   |
| <b><u>CURTAILMENT (RETAIL &amp; WHOLESALE)</u></b> |                                 |                       |      |      |      |      |      |      |
| 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

|                                  |                                  |
|----------------------------------|----------------------------------|
| William R. Mazotti (Chairperson) | Pacific Gas and Electric Company |
| Thomas J. Armstrong              | Southwest Gas Corporation        |
| William L. Reed                  | Sempra Energy Utilities*         |
| Lee Schavrien                    | Sempra Energy Utilities*         |

### WORKING COMMITTEE

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

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