

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0522  
EXPIRATION DATE: 01/31/2014



U.S Department of Transportation  
Pipeline and Hazardous Materials Safety Administration

Form Type:

INITIAL

ID:

14486

(DOT use only)

20121076-16146

**ANNUAL REPORT FOR  
CALENDAR YEAR 2011  
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

**PART A - OPERATOR INFORMATION**

1. Name of Operator	SOUTHERN CALIFORNIA GAS CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	555 WEST FIFTH STREET
2b. City and County	LOS ANGELES
2c. State	CA
2d. Zip Code	90013-1011
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	18484
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	555 WEST FIFTH STREET
4b. City and County	LOS ANGELES
4c. State	CA
4d. Zip Code	90013-1011
5. STATE IN WHICH SYSTEM OPERATES	CA

**PART B - SYSTEM DESCRIPTION**

**1.GENERAL**

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	5567.000	2463.000	0.000	17917.000	23061.000	0.000	0.000	0.000	0.000	49008.000
NO. OF SERVICES	128.000	886149.000	20.000	755967.000	2726127.000	0.000	0.000	121.000	0.000	4368512.000

**2.MILES OF MAINS IN SYSTEM AT END OF YEAR**

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	TOTAL
STEEL	0.000	14352.000	6973.000	3656.000	714.000	252.000	25947.000
DUCTILE IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COPPER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CAST/WROUGHT IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	0.000	17874.000	4601.000	586.000	0.000	0.000	23061.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER PLASTIC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	32226.000	11574.000	4242.000	714.000	252.000	49008.000

**3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR**

**AVERAGE SERVICE LENGTH: 59**

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	TOTAL
STEEL	0.000	1595549.000	44788.000	1708.000	177.000	42.000	1642264.000
DUCTILE IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COPPER	0.000	117.000	4.000	0.000	0.000	0.000	121.000
CAST/WROUGHT IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	0.000	2706060.000	19154.000	868.000	34.000	11.000	2726127.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER PLASTIC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	4301726.000	63946.000	2576.000	211.000	53.000	4368512.000

**4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION**

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN	0.000	2805.000	2762.000	7965.000	7044.000	7153.000	9680.000	5140.000	6176.000	283.000	49008.000
NUMBER OF SERVICES	0.000	50482.000	133921.000	619870.000	607927.000	708975.000	1073373.000	538655.000	596253.000	39056.000	4368512.000

**PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR**

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION	1298	327	3152	2581
NATURAL FORCES	58	29	296	209
EXCAVATION DAMAGE	236	229	2000	1985
OTHER OUTSIDE FORCE DAMAGE	3	2	173	172
MATERIAL OR WELDS	413	148	1045	416
EQUIPMENT	3	0	12	9
INCORRECT OPERATIONS	55	43	204	198
OTHER	328	70	948	485

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 1178

**PART D - EXCAVATION DAMAGE**

NUMBER OF EXCAVATION DAMAGES: 2984

NUMBER OF EXCAVATION TICKETS : 298136

**PART E-EXCESS FLOW VALUE(EFV) DATA**

NUMBER OF EFV'S INSTALLED THIS CALENDER YEAR ON SINGLE FAMILY RESIDENTIAL SERVICES: 15607

ESTIMATED NUMBER OF EFV'S IN SYSTEM AT THE END OF YEAR: 45521

**PART F - LEAKS ON FEDERAL LAND**

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 10

**PART G-PERCENT OF UNACCOUNTED FOR GAS**

UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

INPUT FOR YEAR ENDING 6/30: .84%

**PART H - ADDITIONAL INFORMATION**

**PART I - PREPARER AND AUTHORIZED SIGNATURE**

Robert Conaway, Technical Advisor II  
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