

**DOCKETED**

<b>Docket Number:</b>	21-IEPR-03
<b>Project Title:</b>	Electricity and Natural Gas Demand Forecast
<b>TN #:</b>	238474
<b>Document Title:</b>	California Energy Commission Comments - 2020 SoCalGas Distribution DOT Report
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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*Comment Received From: California Energy Commission  
Submitted On: 6/25/2021  
Docket Number: 21-IEPR-03*

**2020 SoCalGas Distribution DOT Report**

*Additional submitted attachment is included below.*

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: 2137-0629  
EXPIRATION DATE: 10/31/2021



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

Initial Date Submitted:

03/11/2021

Form Type:

INITIAL

Date Submitted:

**ANNUAL REPORT FOR  
CALENDAR YEAR 2020  
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 2137-0629. 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.

**Important:** Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline/library/forms>.

**PART A - OPERATOR INFORMATION**

(DOT use only)

20210931-42352

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
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
5. STATE IN WHICH SYSTEM OPERATES	CA
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)	
Natural Gas	
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR (Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.):	
Investor Owned	

**PART B - SYSTEM DESCRIPTION**

**1.GENERAL**

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	3435	4340	0	18272	25377	0	0	0	0	0	51424
NO. OF SERVICES	304	833893	24	727891	2961287	0	0	0	0	0	4523399

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"	SYSTEM TOTALS					
STEEL	0	13853	6630	3692	1125	747	26047					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0	0	0	0	0	0					
CAST/WROUGH T IRON	0	0	0	0	0	0	0					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	0	19650	4963	764	0	0	25377					
PLASTIC ABS	0	0	0	0	0	0	0					
PLASTIC OTHER	0	0	0	0	0	0	0					
OTHER	0	0	0	0	0	0	0					
RECONDITONED CAST IRON	0	0	0	0	0	0	0					
TOTAL	0	33503	11593	4456	1125	747	51424					
Describe Other Material:												
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"	SYSTEM TOTALS					
STEEL	0	1516458	43762	1663	189	40	1562112					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0	0	0	0	0	0					
CAST/WROUGH T IRON	0	0	0	0	0	0	0					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	0	2937112	23042	1092	41	0	2961287					
PLASTIC ABS	0	0	0	0	0	0	0					
PLASTIC OTHER	0	0	0	0	0	0	0					
OTHER	0	0	0	0	0	0	0					
RECONDITONED CAST IRON	0	0	0	0	0	0	0					
TOTAL	0	4453570	66804	2755	230	40	4523399					
Describe Other Material:												
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	2020-2029	TOTAL

<b>MILES OF MAIN</b>	0	2662	2847	8074	7040	6915	9475	5456	6283	2569	103	51424
<b>NUMBER OF SERVICES</b>	0	53904	119987	587863	580351	680977	1053744	522235	592313	302514	29511	4523399

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

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	3883	702	8654	2387
NATURAL FORCE DAMAGE	171	65	673	208
EXCAVATION DAMAGE	345	335	2633	2599
OTHER OUTSIDE FORCE DAMAGE	18	1	752	466
PIPE, WELD OR JOINT FAILURE	1596	352	5489	408
EQUIPMENT FAILURE	118	13	16279	935
INCORRECT OPERATIONS	149	76	4434	224
OTHER CAUSE	240	62	495	241

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 9899

**PART D - EXCAVATION DAMAGE**

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 3141

a. One-Call Notification Practices Not Sufficient: 1188

b. Locating Practices Not Sufficient: 115

c. Excavation Practices Not Sufficient: 408

d. Other: 1430

2. NUMBER OF EXCAVATION TICKETS : 938358

**PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA**

Total Number Of Services with EFV Installed During Year: 27018

Estimated Number Of Services with EFV In the System At End Of Year: 246080

\* Total Number of Manual Service Line Shut-off Valves Installed During Year: 848

\* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 35772

*\*These questions were added to the report in 2017.*

**PART F - LEAKS ON FEDERAL LAND**

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 80

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

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

[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR.

FOR YEAR ENDING 6/30: 0.46%

**PART H - ADDITIONAL INFORMATION**

**PART I - PREPARER**

*James Dewberry*

James Dewberry, Pipeline Integrity Team Lead  
(Preparer's Name and Title)

(213)244-4514  
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(Preparer's email address)

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