

 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	<b>ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM</b>	Initial Date Submitted:	03/14/2022
		Report Submission Type	INITIAL
		Date Submitted:	

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**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>.

<b>PART A - OPERATOR INFORMATION</b>	(DOT use only)	20221048-46174
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1. Name of Operator	SAN DIEGO GAS & ELECTRIC CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	555 west 5th street
2b. City and County	Los Angeles
2c. State	CA
2d. Zip Code	90013
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	18112
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	8326 CENTURY PARK COURT
4b. City and County	SAN DIEGO
4c. State	CA
4d. Zip Code	92123
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	

<b>PART B - SYSTEM DESCRIPTION</b>
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1.GENERAL	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPE R	OTHER	RECONDIT ION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	0	0	0	3564	4683	0	0	0	0	0	8247
NO. OF SERVICES	0	0	0	278321	414059	0	0	0	0	0	692380

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	2590	503	323	106	42	3564
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	3520	1082	81	0	0	4683
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
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	6110	1585	404	106	42	8247
Describe Other Material:							
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR					AVERAGE SERVICE LENGTH: 54		
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	274589	3599	102	24	7	278321
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	395950	17913	186	10	0	414059
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
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	670539	21512	288	34	7	692380
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
MILES OF MAIN	0	207	267	1146	1095	1386	1529	1031	1005	507	74	8247
NUMBER OF SERVICES	0	11827	17707	98568	93902	122228	124984	84006	80439	54550	4169	692380

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

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	114	50	817	270
NATURAL FORCE DAMAGE	20	12	39	22
EXCAVATION DAMAGE	48	44	287	283
OTHER OUTSIDE FORCE DAMAGE	5	5	64	39
PIPE, WELD OR JOINT FAILURE	78	49	216	42
EQUIPMENT FAILURE	15	5	1152	136
INCORRECT OPERATIONS	12	6	102	18
OTHER CAUSE	37	23	16	6

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 10  
NUMBER OF HAZARDOUS LEAKS INVOLVING A MECHANICAL JOINT FAILURE : 2

**PART D - EXCAVATION DAMAGE**

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 345

a. One-Call Notification Practices Not Sufficient: 212

b. Locating Practices Not Sufficient: 12

c. Excavation Practices Not Sufficient: 117

d. Other: 4

2. NUMBER OF EXCAVATION TICKETS : 168232

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

Total Number Of Services with EFV Installed During Year: 3916

Estimated Number Of Services with EFV In the System At End Of Year: 42818

\* Total Number of Manual Service Line Shut-off Valves Installed During Year: 51

\* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 951

*\*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: 6

**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: 2.59%

**PART H - ADDITIONAL INFORMATION**

<b>PART I - PREPARER</b>	
James Dewberry, Reporting Management Team Lead (Preparer's Name and Title)	(213) 244-4514 _____ (Area Code and Telephone Number)
Jdewberry@socalgas.com (Preparer's email address)	_____ (Area Code and Facsimile Number)