

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:

03/01/2019

Form Type:

INITIAL

Date Submitted:

**ANNUAL REPORT FOR  
CALENDAR YEAR 2018  
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)

20190246-37647

1. Name of Operator	PACIFIC GAS & ELECTRIC CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	6111 BOLLINGER CANYON RD
2b. City and County	SAN RAMON
2c. State	CA
2d. Zip Code	94583
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	15007
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE
4b. City and County	SAN RAMON
4c. State	CA
4d. Zip Code	94583
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	3.86	318.67	27.52	19486.53	23172.13	58.07	0	0.03	0	0	43066.81
NO. OF SERVICES	7	11238	320	1165555	2386862	26	0	1018	0	0	3565026

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	17.65	12726.67	5116.84	1707.67	154.49	113.26	19836.58					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0.03	0	0	0	0	0.03					
CAST/WROUGHT IRON	0	30.5	21.07	5.98	0.52	0	58.07					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	3.31	17976.73	4299.68	892.36	0.05	0	23172.13					
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	20.96	30733.93	9437.59	2606.01	155.06	113.26	43066.81					
Describe Other Material:												
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR												
											AVERAGE SERVICE LENGTH: 50.6	
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS					
STEEL	21274	1099290	55465	956	84	51	1177120					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	3	1014	1	0	0	0	1018					
CAST/WROUGHT IRON	0	24	2	0	0	0	26					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	8735	2336486	40443	1133	55	10	2386862					
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	30012	3436814	95911	2089	139	61	3565026					
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>	268.22	1446.03	3044.49	6155.67	6608.2	6377.21	5978.33	5589.66	5296.32	2302.68		43066.81
<b>NUMBER OF SERVICES</b>	471136	27191	101111	370761	345807	473778	482298	515711	487660	289573		3565026

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

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	1221	390	3046	2201
NATURAL FORCE DAMAGE	86	61	294	187
EXCAVATION DAMAGE	268	264	1487	1470
OTHER OUTSIDE FORCE DAMAGE	13	13	233	216
PIPE, WELD OR JOINT FAILURE	92	57	1375	859
EQUIPMENT FAILURE	262	166	10973	1116
INCORRECT OPERATIONS	510	244	2792	1591
OTHER CAUSE	85	28	1415	358

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 165

**PART D - EXCAVATION DAMAGE**

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 1831

a. One-Call Notification Practices Not Sufficient: 764

b. Locating Practices Not Sufficient: 291

c. Excavation Practices Not Sufficient: 762

d. Other: 14

2. NUMBER OF EXCAVATION TICKETS : 1069710

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

Total Number Of Services with EFV Installed During Year: 20952

Estimated Number Of Services with EFV In the System At End Of Year: 310701

\* Total Number of Manual Service Line Shut-off Valves Installed During Year: 2811

\* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 87814

*\*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: 57

**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: 0.89%

**PART H - ADDITIONAL INFORMATION**

**PART I - PREPARER**

Stephen Ramos, Senior Gas Engineer (Preparer's Name and Title)	(925) 413-7311 _____ (Area Code and Telephone Number)
s3rc@pge.com (Preparer's email address)	_____ (Area Code and Facsimile Number)