

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: 1/31/2018



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

Initial Date Submitted:

03/15/2018

Form Type:

INITIAL

Date Submitted:

**ANNUAL REPORT FOR
CALENDAR YEAR 2017
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)

20188874-36032

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, 6111 BOLLINGER CANYON RD.,
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	2	292.57	33.08	19599.64	22866.63	57.67	0	0.04	0	0	42851.63
NO. OF SERVICES	4	306	0	1186850	2352283	26		675	0	0	3540144

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	18.8	12724.21	5197.11	1715.89	157.85	113.40	19927.26					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0.04	0	0	0	0	0.04					
CAST/WROUGHT IRON	0	30.09	21.45	5.98	0.14	0	57.66					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	3.22	17768.59	4239.43	855.35	0.05	0	22866.64					
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	22.02	30522.93	9457.99	2577.22	158.04	113.4	42851.6					
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	30416	1098732	56867	1002	91	52	1187160					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	674	1	0	0	0	675					
CAST/WROUGHT IRON	0	25	1	0	0	0	26					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	8155	2303537	39403	1126	52	10	2352283					
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	38571	3402968	96272	2128	143	62	3540144					
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	275.18	1487.04	3056.26	6164.64	6617.84	6468.38	6006.10	5598.95	5298.92	1878.3		42851.61
NUMBER OF SERVICES	480111	28394	102415	371920	346853	479816	484351	516365	487108	242811		3540144

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

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	703	264	2393	1793
NATURAL FORCE DAMAGE	71	52	210	147
EXCAVATION DAMAGE	269	261	1526	1508
OTHER OUTSIDE FORCE DAMAGE	12	11	245	236
PIPE, WELD OR JOINT FAILURE	70	49	823	542
EQUIPMENT FAILURE	138	85	6629	676
INCORRECT OPERATIONS	359	197	2155	1404
OTHER CAUSE	73	43	1070	370

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 29

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 1874

- a. One-Call Notification Practices Not Sufficient: 905
- b. Locating Practices Not Sufficient: 220
- c. Excavation Practices Not Sufficient: 729
- d. Other: 20

2. NUMBER OF EXCAVATION TICKETS : 942665

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

Total Number Of Services with EFV Installed During Year: 17726

Estimated Number Of Services with EFV In the System At End Of Year: 276041

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 2190

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 84609

**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: 22

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.

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

INPUT FOR YEAR ENDING 6/30: 0.97%

PART H - ADDITIONAL INFORMATION

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PART I - PREPARER

Stephen Ramos, Gas Engineer, Senior (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)