

 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM	Initial Date Submitted:	03/01/2022
		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>.

PART A - OPERATOR INFORMATION	(DOT use only)	20220542-45515
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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 #4430H
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	COPPE R	OTHER	RECONDIT ION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	1.37	232.05	24.71	19420.65	24042.76	53.5	0	0	0	0	43775.04
NO. OF SERVICES	7	7465	284	1138986	2502696	31	0	76	0	0	3649545

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	15.32	12656.04	5042.42	1688.76	162.63	113.60	19678.77
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	.45	30.79	17.94	4.25	.07	0	53.5
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	3.83	18593.41	4447.11	998.36	.05	0	24042.76
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	19.6	31280.24	9507.47	2691.37	162.75	113.6	43775.03
Describe Other Material:							
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR					AVERAGE SERVICE LENGTH: 49.7		
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	23276	1073876	48614	856	71	49	1146742
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	76	0	0	0	0	76
CAST/WROUGHT IRON	0	27	4	0	0	0	31
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	21114	2435741	44592	1182	58	9	2502696
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	44390	3509720	93210	2038	129	58	3649545
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	253.59	1362.14	3013.43	6131.69	6571.79	6142.24	5923.92	5582	5282.10	2822.64	689.52	43775.06
NUMBER OF SERVICES	450552	24371	97570	367009	344169	461086	478491	513552	487948	349418	75377	3649543

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

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	1324	320	2614	1972
NATURAL FORCE DAMAGE	72	42	423	275
EXCAVATION DAMAGE	196	190	1392	1362
OTHER OUTSIDE FORCE DAMAGE	14	13	223	206
PIPE, WELD OR JOINT FAILURE	101	62	1578	879
EQUIPMENT FAILURE	322	190	2832	628
INCORRECT OPERATIONS	503	206	2555	1480
OTHER CAUSE	83	46	9929	1435

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 1
NUMBER OF HAZARDOUS LEAKS INVOLVING A MECHANICAL JOINT FAILURE : 618

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 1629

a. One-Call Notification Practices Not Sufficient: 751

b. Locating Practices Not Sufficient: 157

c. Excavation Practices Not Sufficient: 688

d. Other: 33

2. NUMBER OF EXCAVATION TICKETS : 1673545

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

Total Number Of Services with EFV Installed During Year: 20761

Estimated Number Of Services with EFV In the System At End Of Year: 415381

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 2332

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 97628

**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: 28

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: 81%

PART H - ADDITIONAL INFORMATION

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PART I - PREPARER

Susie Richmond,Mgr. Gas Ops Compliance (Preparer's Name and Title)	(925) 786-0267 _____ (Area Code and Telephone Number)
Susie.Richmond@pge.com (Preparer's email address)	_____ (Area Code and Facsimile Number)