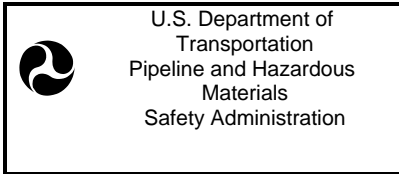


DOT USE ONLY	
Initial Date Submitted	03/02/2022
Report Submission Type	INITIAL
Date Submitted	



**ANNUAL REPORT FOR CALENDAR YEAR 2021
 NATURAL AND OTHER GAS TRANSMISSION and
 GATHERING PIPELINE SYSTEMS**

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 2137-0522. Public reporting for this collection of information is estimated to be approximately 47 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	20220348 - 40190
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1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID) 15007	2. NAME OF OPERATOR: PACIFIC GAS & ELECTRIC CO
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3. RESERVED	4. HEADQUARTERS ADDRESS: PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON RD., Street Address SAN RAMON City State: CA Zip Code: 94583
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5. 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

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **CALIFORNIA** etc.

8. RESERVED

For the designated Commodity Group, PARTs B, B1, and D will be calculated based on the data entered in Parts L, T, and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA, §192.710, and in neither HCA nor §192.710 MILES				
	Number of HCA Miles	Number of §192.710 Miles	Number of Class Location 3 or 4 Miles that are neither in HCA nor in §192.710	Number of Class Location 1 or 2 Miles that are neither in HCA nor in §192.710
Onshore	1579.5	341.2	723.4	3766.5
Offshore	0	0	0	0
Total Miles	1579.5	341.2	723.4	3766.5

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludes Transmission lines of Gas Distribution systems)	Onshore		Offshore	
Natural Gas	827463			
Propane Gas				
Synthetic Gas				
Hydrogen Gas				
Landfill Gas				
Other Gas - Name:				

Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION										
	Steel Cathodically protected		Steel Cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0
Total Miles	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5

¹Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – RESERVED

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate gas transmission pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate gas transmission pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G	
The data reported in these PARTs applies to: <i>(select only one)</i>	
<input type="checkbox"/>	Interstate pipelines/pipeline facilities
<input checked="" type="checkbox"/>	Intrastate pipelines/pipeline facilities in the State of CALIFORNIA <i>(complete for each State)</i>

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	916.2
b. Dent or deformation tools	915.5
c. Crack or long seam defect detection tools	771
d. Any other internal inspection tools, specify other tools:	0
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	2602.7
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	133
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment	118
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	40
1. "Immediate repair conditions" [192.933(d)(1)]	20
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	4
4. Other "Scheduled conditions" [192.933(c)]	16
d. Total number of conditions repaired WITHIN AN §192.710 SEGMENT:	0
e. Total number of conditions repaired WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	0
f. Total number of conditions repaired WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	78
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	32.3
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment.	1
c. Total number of pressure test failures (ruptures and leaks) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Not Used	0
e. Total number of pressure test failures (ruptures and leaks) repaired in calendar year WITHIN A §192.710 SEGMENT.	0
f. Total number of pressure test failures (ruptures and leaks) repaired in calendar year WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT.	1
g. Total number of pressure test failures (ruptures and leaks) repaired in calendar year WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	

a. Total mileage inspected by each DA method in calendar year.	121.4
1. ECDA	110.2
2. ICDA	9.3
3. SCCDA	1.9
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment.	12
1. ECDA	11
2. ICDA	1
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	11
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	7
4. Other "Scheduled conditions" [192.933(c)]	4
d. Total number of conditions repaired WITHIN A §192.710 SEGMENT:	0
e. Total number of conditions repaired WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	0
f. Total number of conditions repaired WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	1
4.1 MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON GUIDED WAVE ULTRASONIC TESTING (GWUT)	
a. Total mileage inspected by GWUT method in calendar year.	0
b. Total number of anomalies identified by GWUT method and repaired in calendar year based on the operator's criteria, within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192 Appendix F, Section XIX]	0
2. "6-Month conditions" [192 Appendix F, Section XIX]	0
3. "12-Month conditions" [192 Appendix F, Section XIX]	0
4. "Monitored conditions" [192 Appendix F, Section XIX]	0
d. Total number of conditions repaired WITHIN A §192.710 SEGMENT:	0
e. Total number of conditions repaired WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	0
f. Total number of conditions repaired WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	0
4.2 MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DIRECT EXAMINATION	
a. Total mileage inspected by DIRECT EXAMINATION method in calendar year.	0.2
b. Total number of anomalies identified by DIRECT EXAMINATION method and repaired in calendar year based on the operator's criteria, within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment.	4
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	4
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	4
d. Total number of conditions repaired WITHIN A §192.710 SEGMENT:	0
e. Total number of conditions repaired WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	0
f. Total number of conditions repaired WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	5.9
1. Other Inspection Techniques	Low Stress Reassessment

b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment.	5
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	1
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	1
d. Total number of conditions repaired WITHIN A §192.710 SEGMENT:	0
e. Total number of conditions repaired WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	1
f. Total number of conditions repaired WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	3
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a + 4.1.a + 4.2.a + 5.a)	2762.5
b. Total number of anomalies repaired in calendar year within an HCA Segment, within a §192.710 Segment, and outside of an HCA or §192.710 Segment. (Lines 2.b + 3.b + 4.b + 4.1.b + 4.2.b + 5.b)	140
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c + 3.c + 4.c + 4.1.c + 4.2.c + 5.c)	56
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	8
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
f. Total number of conditions repaired in calendar year WITHIN A §192.710 SEGMENT. (Lines 2.d + 3.e + 4.d + 4.1.d + 4.2.d + 5.d)	0
g. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN A §192.710 SEGMENT:	0
h. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN A §192.710 SEGMENT:	0
i. Total number of conditions repaired in calendar year WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT. (Lines 2.e + 3.f + 4.e + 4.1.e + 4.2.e + 5.e)	2
j. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	3
k. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN A CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 SEGMENT:	0
l. Total number of conditions repaired in calendar year WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT. (Lines 2.f + 3.g + 4.f + 4.1.f + 4.2.f + 5.f)	82
m. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	25
n. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN A CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 SEGMENT:	0
PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA, §192.710, and Outside HCA or §192.710 Segment miles)	
a. HCA Segments Baseline assessment miles completed during the calendar year.	34.6
b. HCA Segments Reassessment miles completed during the calendar year.	272.5
c. HCA Segments Total assessment and reassessment miles completed during the calendar year.	307.1
d. §192.710 Segments Baseline assessment miles completed during the calendar year.	119.7
e. §192.710 Segments Reassessment miles completed during the calendar year.	0
f. §192.710 Segments Total assessment and reassessment miles completed during the calendar year.	119.7

g. CLASS LOCATION 3 OR 4 AND neither HCA nor §192.710 Segments assessment miles completed during the calendar year.	10.7
h. CLASS LOCATION 1 OR 2 AND neither HCA nor §192.710 Segments assessment miles completed during the calendar year.	591.5

For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P, Q, R, and S covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRASTATE pipelines and/or pipeline facilities for each State in which INTRASTATE systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, R, and S									
The data reported in these PARTs applies to: <i>(select only one)</i>									
INTRASTATE pipelines/pipeline facilities CALIFORNIA									
PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)									
Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	585.9	618.8	711.5	483.5	809.7	0	433.9	60.6	152.7
	22	24	26	28	30	32	34	36	38
	26.8	376.7	133.8	0	138.9	18.8	1033.3	522.8	0
	40	42	44	46	48	52	56	58 and over	
	0	302.6	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
6410.3	Total Miles of Onshore Pipe – Transmission								
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Transmission								
PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)									
Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38

	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Onshore Type A Pipe – Gathering								
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Onshore Type B Pipe – Gathering								
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Gathering								

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre - 1940	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	193.1	399.5	2109	1253.8	391.8
Offshore						
Subtotal Transmission	0	193.1	399.5	2109	1253.8	391.8
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore						
Subtotal Gathering	0	0	0	0	0	0
Total Miles	0	193.1	399.5	2109	1253.8	391.8
Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles

Transmission						
Onshore	567.3	876.3	253.7	357.5	8.6	6410.6
Offshore						
Subtotal Transmission	567.3	876.3	253.7	357.5	8.6	6410.6
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore						
Subtotal Gathering	0	0	0	0	0	0
Total Miles	567.3	876.3	253.7	357.5	8.6	6410.6

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class 1	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	399.5	127.9	1033.5	4.2	1565.1
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	402.7	134.2	639.5	1.8	1178.2
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	315.7	80.1	277	0.6	673.4
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	539.3	77.7	230.4	0	847.4
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	543.6	56.6	65.8	0	666
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	1438.4	31.5	0.1	0	1470
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	1.5	0.9	0.2	0	2.6
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0.9	0	0.1	0	1
All Non-Steel pipe	3.4	1.1	2.5	0	7
Onshore Totals	3645	510	2249.1	6.6	6410.7
OFFSHORE	Class 1				
Less than or equal to 50% SMYS	0				
Greater than 50% SMYS but less than or equal to 72% SMYS	0				
Steel pipe Greater than 72% SMYS	0				
Steel Pipe Unknown percent of SMYS	0				
All non-steel pipe	0				
Offshore Total	0				
Total Miles	3645				
					6410.7

PART L - MILES OF PIPE BY CLASS LOCATION									
	Class Location				Total Class Location Miles	HCA Miles	\$192.710 Miles	Class Location 3 or 4 Miles that are neither in HCA nor in \$192.710	Class Location 1 or 2 Miles that are neither in HCA nor in \$192.710
	Class 1	Class 2	Class 3	Class 4					
Transmission									
Onshore	3645	510	2249.1	6.6	6410.7	1579.5	341.2	723.4	3766.5
Offshore	0				0				
Subtotal Transmission	3645	510	2249.1	6.6	6410.7	1579.5	341.2	723.4	3766.5
Gathering									
Onshore Type A		0	0	0	0				
Onshore Type B		0	0	0	0				
Offshore	0				0				
Subtotal Gathering	0	0	0	0	0				
Total Miles	3645	510	2249.1	6.6	6410.7	1579.5	341.2	723.4	3766.5

PART M – FAILURES, LEAKS, AND REPAIRS										
PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR										
Cause	Transmission Leaks, and Failures							Gathering Leaks		
	Leaks						Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks				Offshore Leaks			Type A	Type B	
	HCA	MCA	Class 3 & 4 non-HCA & non-MCA	Class 1 & 2 non-HCA & non-MCA	HCA	Non-HCA				
External Corrosion	2	2	0	3	0	0	6	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	4	0	0	0
Construction	3	0	1	3	0	0	10	0	0	0
Equipment	25	41	6	70	0	0	14	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage										
Excavation Damage	0	0	1	0	0	0	1	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	9	0	0	0
Vandalism (includes all Intentional)	0	0	0	0	0	0	0	0	0	0

Damage)											
Weather Related/Other Outside Force											
Natural Force Damage (all)	0	0	0	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0	0	0	0
Other	0	1	0	0	0	0	11	0	0	0	0
Total	30	44	8	76	0	0	55	0	0	0	0

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	Gathering	
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PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathering	
Onshore	3	Onshore Type A	
		Onshore Type B	
OCS	0	OCS	0
Subtotal Transmission	3	Subtotal Gathering	0
Total	3		

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0
Total Miles	1.4	6402.3	0	0	0	0	6.8	0	0	6410.5

¹Use of Composite pipe requires PHMSA Special Permit or waiver from a State

²specify Other material(s):

Part Q - Gas Transmission Miles by MAOP Determination Method

by §192.619 and Other Methods

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other ¹ Total	Other Incomplete Records
Class 1 (in HCA)	37.188	0	16.026	0	1.973	1.973	7.494	0	10.782	4.535	0	0	1.874	0.235

Class 1 (in MCA)	159.54	0	102.63	0	17.92	17.92	18.37	0	79.52	62.78	0	0	8.04	1.53
Class 1 (not in HCA or MCA)	1033.21		528.97		410.86		128.58		1039.3		0		42.49	
Class 2 (in HCA)	18.67	0	13.31	0	1.92	1.92	3.48	0	6.64	2.74	0	0	1.89	0.02
Class 2 (in MCA)	31.31	0	26.94	0	3.35	3.35	3.76	0	29.12	21.41	0	0	1.43	0.14
Class 2 (not in HCA or MCA)	90.14		114.15		24.84		21.48		110.98		0		6.44	
Class 3 (in HCA)	305.83	0	515.41	0	60.68	60.62	162.11	0	354.85	130.47	0	0	49.85	12.79
Class 3 (in MCA)	33.07	0	136.38	0	13.63	13.63	8.93	0	121.61	63.61	0	0	13.03	7.82
Class 3 (not in HCA or MCA)	52.18	0	192.86	0	22.79	22.79	14.83	0	165.37	99.74	0	0	17.73	10.44
Class 4 (in HCA)	0.9	0	1.16	0	0	0	2.78	0	0.91	0.31	0	0	0.07	0
Class 4 (in MCA)	0	0	0.14	0	0	0	0.02	0	0	0	0	0	0	0
Class 4 (not in HCA or MCA)	0.07	0	0.45	0	0	0	0	0	0.01	0	0	0	0.01	0
Total	1762.108	0	1648.426	0	557.963	122.203	371.834	0	1919.092	385.595	0	0	142.854	32.975

by §192.624 Methods

	(c)(1) Total	(c)(2) Total	(c)(3) Total	(c)(4) Total	(c)(5) Total	(c)(6) Total
Class 1 (in HCA)	0	0	0	0.188	0	0
Class 1 (in MCA)	0	0	0	0	0	0
Class 1 (not in HCA or MCA)	0	0	0	0	0	0
Class 2 (in HCA)	0.13	0	0	0	0	0
Class 2 (in MCA)	0	0	0	0	0	0
Class 2 (not in HCA or MCA)	0	0	0	0	0	0
Class 3 (in HCA)	3.35	0	0.01	0.01	0	0
Class 3 (in MCA)	3.09	0	0	0.01	0	0
Class 3 (not in HCA or MCA)	1.49	0	0	0.03	0	0
Class 4 (in HCA)	0	0	0	0	0	0
Class 4 (in MCA)	0	0	0	0	0	0
Class 4 (not in HCA or MCA)	0	0	0	0	0	0
Total	8.06	0	0.01	0.238	0	0
Total under 192.619(a), 192.619(c), 192.619(d) and Other	6402.277					
Total under 192.624 (as allowed by 192.619(e))	8.308					
Grand Total	6410.585					
Sum of Total row for all "Incomplete Records" columns	540.773					

¹Specify Other method(s):					
Class 1 (in HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958	Class 1 (in MCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958	Class 1 (not in MCA or HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958
Class 2 (in HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions	Class 2 (in MCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code	Class 2 (not in MCA or HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958

	in accordance with D.11-06-019 and Public Utilities Code §958		§958		
Class 3 (in HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958	Class 3 (in MCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958	Class 3 (not in MCA or HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958
Class 4 (in HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting	Class 4 (in MCA)		Class 4 (not in MCA or HCA)	Other, Total: Includes both Other, Complete and Other, Incomplete. Other, Complete includes transmission miles installed on or after July 1, 1970 with TVC strength test records meeting Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering

	Subpart J but TVC design records are not available. The MAOP of design is calculated using conservative engineering assumptions in accordance with D.11-06-019 and Public Utilities Code §958				assumptions in accordance with D. 11-06-019 and Public Utilities Code §958
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Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT ≥ 1.50 MAOP		1.5 MAOP > PT ≥ 1.39 MAOP	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	25.893	12.844	2.22	0.556
Class 2 in HCA	18.81	13.97	0.19	0.13
Class 3 in HCA	641.27	706.75	0.05	1.74
Class 4 in HCA	2.97	2.81	0	0
in HCA Subtotal	688.943	736.374	2.46	2.426
Class 1 in MCA	74.81	108.91	1.6	5.96
Class 2 in MCA	25.44	36.61	0.18	0
Class 3 in MCA	27.6	231.34	0	1.02
Class 4 in MCA	0	0.16	0	0
in MCA Subtotal	127.85	377.02	1.78	6.98
Class 1 not in HCA or MCA	387.12	1026.11	14.07	32.06
Class 2 not in HCA or MCA	72.03	220.7	3.96	2.78
Class 3 not in HCA or MCA	39.78	322.36	0	0.09
Class 4 not in HCA or MCA	0	0.54	0	0
not in HCA or MCA Subtotal	498.93	1569.71	18.03	34.93
Total	1315.723	2683.104	22.27	44.336

	1.39 MAOP > PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		1.1 MAOP > PT or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	30.515	0.187	0.951	0.027	0.248	2.084
Class 2 in HCA	11.41	0.03	0.74	0	0.08	0.66
Class 3 in HCA	1.54	0.16	0	0	0.99	99.58
Class 4 in HCA	0	0	0	0	0	0.04
in HCA Subtotal	43.465	0.377	1.691	0.027	1.318	102.364
Class 1 in MCA	125.22	9.64	33.97	0.33	5.77	19.83

Class 2 in MCA	12.51	0.66	0.61	0.01	5.55	14.34
Class 3 in MCA	0	0	0	0.02	0.5	69.27
Class 4 in MCA	0	0	0	0	0	0
in MCA Subtotal	137.73	10.3	34.58	0.36	11.82	103.44
Class 1 not in HCA or MCA	808.48	196.48	433.22	2.27	77.45	206.14
Class 2 not in HCA or MCA	22.08	5.21	2.15	0.42	4.98	33.75
Class 3 not in HCA or MCA	0	0	0	0	0.6	104.44
Class 4 not in HCA or MCA	0	0	0	0	0	0
not in HCA or MCA Subtotal	830.56	201.69	435.37	2.69	83.03	344.33
Total	1011.755	212.367	471.641	3.077	96.168	550.134
PT ≥ 1.5 MAOP Total	3998.827		Total Miles Internal Inspection ABLE		2917.557	
1.5 MAOP > PT ≥ 1.39 MAOP Total	66.606		Total Miles Internal Inspection NOT ABLE		3493.018	
1.39 > PT ≥ 1.25 MAOP Total	1224.122		Grand Total		6410.575	
1.25 MAOP > PT ≥ 1.1	474.718					
1.1 MAOP > PT or No PT Total	646.302					
Grand Total	6410.575					

Part S – Gas Transmission Verification of Materials (192.607)

Location	Miles 192.607 this Year	192.607 Number Test Locations this Year
Class 1 in HCA	0	0
Class 2 in HCA	0	1
Class 3 in HCA	0	122
Class 4 in HCA	0	0
Class 1 in MCA	0	10
Class 2 in MCA	0	1
Class 3 in MCA	0	23
Class 4 in MCA	0	0
Class 1 not in HCA or MCA	0	223
Class 2 not in HCA or MCA	0	17
Class 3 not in HCA or MCA	0	13
Class 4 not in HCA or MCA	0	0

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE	
Susie Richmond _____ Preparer's Name(type or print)	(925)786-0267 Telephone Number
Manager, Regulatory Compliance _____ Preparer's Title	

Susie.Richmond@pge.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)

925-667-0484
Telephone Number

Janisse Quinones

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

Senior Vice President, Gas Engineering

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

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Senior Executive Officer's E-mail Address