



Gas Company ESG/Sustainability Quantitative Information

PG&E is among the American Gas Association (AGA) member companies participating in a voluntary Environmental, Social, Governance (ESG) and Sustainability reporting template for investors. This information is being provided in response to the interest of investors and other stakeholders in ESG/Sustainability information that is consistent across the gas and electric utility sector. Additional information on PG&E's sustainability goals, progress and performance is available at www.pgecorp.com/sustainability.

Parent Company:
Operating Company(s):
Business Type(s):
State(s) of Operation:
Regulatory Environment:
Report Date:

PG&E Corporation
 Pacific Gas and Electric Company (PG&E)
 Combined electric and gas utility
 California
 Regulated
 8/1/2021

	2017	2018	2019	2020
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Natural Gas Distribution

	2017	2018	2019	2020
1 METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
1.1 Number of Gas Distribution Customers	4,467,657	4,471,574	4,517,061	4,546,885
1.2 Distribution Mains in Service				
1.2.1 Plastic (miles)	22,867	23,172	23,465	23,728
1.2.2 Cathodically Protected Steel - Bare & Coated (miles)	19,633	19,514	19,476	19,461
1.2.3 Unprotected Steel - Bare & Coated (miles)	295	323	297	266
1.2.4 Cast Iron / Wrought Iron - without upgrades (miles)	58	58	56	55
1.3 Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				
1.3.1 Unprotected Steel (Bare & Coated) (# years to complete)	5	4	3	2
1.3.2 Cast Iron / Wrought Iron (# years to complete)	N/A	N/A	N/A	N/A
2 Distribution CO2e Fugitive Emissions				
2.1 CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	276,325	286,100	283,775	281,396
2.2 CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	11,053	11,444	11,351	11,256
2.2.1 CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	576	596	591	586
2.3 Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	720,434,195	775,257,860	766,084,899	724,718,601
2.3.1 Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (Mmcsf/year)	684,412	736,495	727,781	688,483
2.4 Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.0008	0.0008	0.0008	0.0009

Natural Gas Transmission and Storage

	2017	2018	2019	2020
1 Onshore Natural Gas Transmission Compression Methane Emissions				
1.1.1 Pneumatic Device Venting (metric tons/year)	117	89	85	68
1.1.2 Blowdown Vent Stacks (metric tons/year)	443	815	582	1,064
1.1.3 Transmission Storage Tanks (metric tons/year)	1	1	0	5
1.1.4 Flare Stack Emissions (metric tons/year)	0	0	0	0
1.1.5 Centrifugal Compressor Venting (metric tons/year)	14	9	73	78
1.1.6 Reciprocating Compressor Venting (metric tons/year)	480	402	563	176
1.1.7 Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	192	328	77	50
1.1.8 Other Leaks (metric tons/year)	20	40	7	6
1.2 Total Transmission Compression Methane Emissions (metric tons/year)	1,265	1,683	1,387	1,448
1.3 Total Transmission Compression Methane Emissions (CO2e/year)	31,637	42,066	34,682	36,198
1.4 Total Transmission Compression Methane Emissions (MSCF/year)	65,909	87,638	72,254	75,412
2 Underground Natural Gas Storage Methane Emissions				
2.1.1 Pneumatic Device Venting (metric tons/year)	N/A	N/A	N/A	N/A
2.1.2 Flare Stack Emissions (metric tons/year)	N/A	N/A	N/A	N/A
2.1.3 Centrifugal Compressor Venting (metric tons/year)	N/A	N/A	N/A	N/A
2.1.4 Reciprocating Compressor Venting (metric tons/year)	N/A	N/A	N/A	N/A
2.1.5 Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	N/A	N/A	N/A	N/A
2.1.6 Other Equipment Leaks (metric tons/year)	N/A	N/A	N/A	N/A
2.1.7 Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (metric tons/year)	N/A	N/A	N/A	N/A
2.1.8 Other equipment leaks from components associated with storage wellheads (metric tons/year)	N/A	N/A	N/A	N/A
2.2 Total Storage Compression Methane Emissions (metric tons/year)	N/A	N/A	N/A	N/A
2.3 Total Storage Compression Methane Emissions (CO2e/year)	N/A	N/A	N/A	N/A
2.4 Total Storage Compression Methane Emissions (MSCF/year)	N/A	N/A	N/A	N/A
3 Onshore Natural Gas Transmission Pipeline Blowdowns				
3.1 Transmission Pipeline Blowdown Vent Stacks (metric tons/year)	4,804	2,657	4,145	4,529
3.2 Transmission Pipeline Blowdown Vent Stacks (CO2e/year)	120,089	66,427	103,616	113,224
3.3 Transmission Pipeline Blowdown Vent Stacks (MSCF/year)	250,185	138,389	215,866	235,883
4 Other Non-Sub W Emissions Data				
4.1 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (metric tons/year)	N/A	N/A	N/A	N/A
4.2 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (CO2e/year)	N/A	N/A	N/A	N/A
4.3 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (MSCF/year)	N/A	N/A	N/A	N/A
5 Summary and Metrics				
5.1 Total Transmission and Storage Methane Emissions (MMSCF/year)	316	226	288	311
5.2 Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	923,559,082	985,168,860	1,042,236,838	1,010,241,732
5.2.1 Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)	877,381	935,910	990,125	959,730
5.3 Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.0004	0.0002	0.0003	0.0003

Human Resources

	2017	2018	2019	2020
1.1 Total Number of Employees	23,393	24,000	23,000	24,000
1.2 Percentage of Women in Total Workforce	28.4	27.6	26.9	27.0
1.3 Percentage of Minorities in Total Workforce	42.7	43.3	43.2	46.1
2.1 Total Number on Board of Directors/Trustees	12	12	14	14
2.2 Percentage of Women on Board of Directors/Trustees	25	25	36	36
2.3 Percentage of Minorities on Board of Directors/Trustees	42	42	14	29
3 Employee Safety Metrics				
3.1 Recordable Incident Rate	3.11	2.94	3.29	2.21
3.2 Lost-time Case Rate	0.487	0.392	0.44	0.50
3.3 Days Away, Restricted, and Transfer (DART) Rate	1.99	1.81	2.05	1.34
3.4 Work-related Fatalities	1	1	0	1