

AGA Voluntary Sustainability Metrics: 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 natural gas sector. Additional information on PG&E's sustainability goals, progress and performance is available at www.pgecorp.com/sustainability.

Parent Company: PG&E Corporation
 Operating Company(s): Pacific Gas and Electric Company (PG&E)
 Business Type(s): Combined electric and gas utility
 State(s) of Operation: CA
 Regulatory Environment: Regulated
 Report Date: 2/1/2019

Year
2017

NATURAL GAS DISTRIBUTION

1 METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS			
1.1	Number of Gas Distribution Customers	4,467,657	
1.2	Distribution Mains in Service		
1.2.1	Plastic (miles)	22,867	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	19,633	
1.2.3	Unprotected Steel - Bare & Coated (miles)	295	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	58	
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)		
1.3.1	Unprotected Steel (Bare & Coated)	6	
1.3.2	Cast Iron / Wrought Iron	6	
2	Distribution CO2e Fugitive Emissions		
2.1	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	276,659	
2.2	Natural Gas Throughput from Gas Distribution Operations (thousands of scf)	814,821,889	
2.3	CO2e Fugitive Methane Emissions Rate (metric tons per thousands scf of throughput)	0.000339533	

NATURAL GAS TRANSMISSION & STORAGE

1.2	Transmission Pipelines, Blow Down Volumes, and Fugitive Emissions		
1.2.1	Total Miles of Transmission Pipeline Operated by gas utility (miles)	6,590	
1.2.2	Volume of Transmission Pipeline Blow Down Emissions - outside storage and compression facilities:		
1.2.2.1	scf natural gas	267,049,279	
1.2.2.3	metric tons CO2e	120,210	
2	CO2e EMISSIONS FOR TRANSMISSION AND STORAGE COMPRESSION		
2.1	CO2e Emissions for Transmission Pipelines (metric tons)	247,209	
3	CONVENTIONAL AIR EMISSIONS FROM TRANSMISSION AND STORAGE COMPRESSION		
3.1	Emissions reported for all permitted sources (minor or major)		
3.1.1	NOx (metric tons per year)	547.3	
3.1.2	VOC (metric tons per year)	39.8	