



Electric Company ESG/Sustainability Quantitative Information

PG&E is among the Edison Electric Institute (EEI) 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 electric utility 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: California
State(s) with RPS Programs: California
Regulatory Environment: Regulated
Report Date: 7/1/2022

		2017	2018	2019	2020	2021	
Portfolio							
1	Owned Nameplate Generation Capacity at end of year (MW)	Overall Total	7,687	7,686	7,686	7,662	7,652
1.1	Coal	0	0	0	0	0	
1.2	Natural Gas	1,403	1,403	1,403	1,403	1,400	
1.3	Nuclear	2,240	2,240	2,240	2,240	2,240	
1.4	Petroleum	0	0	0	0	0	
1.5	Total Renewable Energy Resources	4,044	4,043	4,043	4,019	4,012	
1.5.1	Biomass/Biogas	0	0	0	0	0	
1.5.2	Geothermal	0	0	0	0	0	
1.5.3	Hydroelectric	3,892	3,891	3,891	3,867	3,860	
1.5.4	Solar	152	152	152	152	152	
1.5.5	Wind	0	0	0	0	0	
1.6	Other	N/A	N/A	N/A	N/A	N/A	
2	Net Generation for the data year (MWh)	Overall Total	34,861,494	32,723,899	33,849,390	29,325,778	27,286,927
2.1	Coal	0	0	0	0	0	
2.2	Natural Gas	5,712,489	6,332,313	6,320,299	6,393,192	6,171,690	
2.3	Nuclear	17,951,387	18,267,795	16,195,079	16,310,328	16,474,378	
2.4	Petroleum	0	0	0	0	0	
2.5	Total Renewable Energy Resources	11,197,618	8,123,791	11,334,012	6,622,259	4,640,859	
2.5.1	Biomass/Biogas	0	0	0	0	0	
2.5.2	Geothermal	0	0	0	0	0	
2.5.3	Hydroelectric	10,899,671	7,813,589	11,051,282	6,345,383	4,394,891	
2.5.4	Solar	297,947	310,202	282,730	276,876	245,968	
2.5.5	Wind	0	0	0	0	0	
3	Capital Expenditures and Energy Efficiency (EE)						
3.1	Total Annual Capital Expenditures (nominal dollars)	\$ 5,641,000,000	\$ 6,514,000,000	\$ 6,313,000,000	\$ 7,690,000,000	\$ 7,689,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	1,486,900	1,369,922	1,322,044	1,759,115	1,865,644	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 424,721,046	\$ 363,337,828	\$ 371,105,990	\$ 268,917,391	\$297,622,925	
4	Retail Electric Customer Count (at end of year)						
4.1	Commercial	634,978	544,827	546,860	544,393	544,318	
4.2	Industrial	1,325	1,197	1,202	1,312	1,353	
4.3	Residential	4,808,753	4,768,803	4,810,736	4,842,860	4,875,818	



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Emissions					
5 GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)					
5.1 Owned Generation					
5.1.1 Carbon Dioxide (CO2)					
5.1.1.1 Total Owned Generation CO2 Emissions (MT)	2,292,309	2,512,130	2,484,127	2,551,853	2,485,379
5.1.1.2 Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.066	0.078	0.074	0.088	0.093
5.1.2 Carbon Dioxide Equivalent (CO2e)					
5.1.2.1 Total Owned Generation CO2e Emissions (MT)	2,292,218	2,512,130	2,484,127	2,551,853	2,485,379
5.1.2.2 Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.066	0.077	0.073	0.087	0.091
5.3 Owned Generation + Purchased Power					
5.3.1 Carbon Dioxide (CO2)					
5.3.1.1 Total Owned + Purchased Generation CO2 Emissions (MT)	6,518,460	4,887,877	43,650*	2,601,009*	1,477,808*
5.3.1.2 Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.095	0.094	0.001*	0.073*	0.045*
5.3.2 Carbon Dioxide Equivalent (CO2e)					
5.3.2.1 Total Owned + Purchased Generation CO2e Emissions (MT)	6,520,676	4,889,538	43,665*	2,601,009*	1,477,808*
5.3.2.2 Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.095	0.094	0.001*	0.073*	0.045*
5.4 Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)					
5.4.1 Total CO2e emissions of SF6 (lbs)	51,686,847	123,792,699	77,407,915	124,419,600	81,971,437
5.4.2 Leak rate of CO2e emissions of SF6 (lbs/Net MWh)	1.48	3.78	2.29	3.47	2.48
6 Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)					
6.1 Generation basis for calculation	Fossil				
6.2 Nitrogen Oxide (NOx)					
6.2.1 Total NOx Emissions (MT)	140	122	123	128	126
6.2.2 Total NOx Emissions Intensity (MT/Net MWh)	0.000004	0.000004	0.000004	0.000004	0.000005
6.3 Sulfur Dioxide (SO2)					
6.3.1 Total SO2 Emissions (MT)	13	14	13	14	13
6.3.2 Total SO2 Emissions Intensity (MT/Net MWh)	0.000000	0.000000	0.000000	0.000000	0.000000
6.4 Mercury (Hg)					
6.4.1 Total Hg Emissions (kg)	Below U.S. EPA Reporting Thresholds				
6.4.2 Total Hg Emissions Intensity (kg/Net MWh)	0.000000	0.000000	0.000000	0.000000	0.000000



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Resources					
7 Human Resources					
7.1 Total Number of Employees	23,393	24,000	23,000	24,000	26,000
7.2 Percentage of Women in Total Workforce	28.4	27.6	26.9	27.0	27.0
7.3 Percentage of Minorities in Total Workforce	42.7	43.3	43.2	46.1	47.5
7.4 Total Number on Board of Directors	12	12	14	14	15
7.5 Percentage of Women on Board of Directors	25	25	36	36	27
7.6 Percentage of Minorities on Board of Directors	42	42	14	29	33
7.7 Employee Safety Metrics					
7.7.1 Recordable Incident Rate	3.11	2.94	3.29	2.21	1.97
7.7.2 Lost-time Case Rate	0.487	0.392	0.44	0.50	0.34
7.7.3 Days Away, Restricted, and Transfer (DART) Rate	1.99	1.81	2.05	1.34	1.01
7.7.4 Work-related Fatalities	1	1	0	1	0
8 Fresh Water Resources Used in Thermal Power Generation Activities					
8.1 Water Withdrawals - Consumptive (Millions of Gallons)	208	244	254	254	223
8.2 Water Withdrawals - Non-Consumptive (Millions of Gallons)	88	51	73	58	51
8.3 Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.000006	0.000007	0.000008	0.000009	0.000008
8.4 Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.000003	0.000002	0.000002	0.000002	0.000002
9 Waste Products					
9.1 Amount of Hazardous Waste Manifested for Disposal	1,651	2,074	2,428	801	6,046
9.2 Percent of Coal Combustion Products Beneficially Used	N/A	N/A	N/A	N/A	N/A

* Beginning with our 2019 emissions reporting, PG&E used the California Energy Commission's Power Source Disclosure program methodology to calculate the CO2 emission rate associated with the electricity delivered to retail customers. This methodology differed from prior reporting years and may result in lower emissions rates.