



## Electric Company ESG/Sustainability Quantitative Information

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**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:** 8/1/2021

		2016	2017	2018	2019	2020	
<b>Portfolio</b>							
<b>1</b>	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>	<b>Overall Total</b>	<b>7,691</b>	<b>7,687</b>	<b>7,686</b>	<b>7,686</b>	<b>7,662</b>
1.1	Coal	0	0	0	0	0	
1.2	Natural Gas	1,403	1,403	1,403	1,403	1,403	
1.3	Nuclear	2,240	2,240	2,240	2,240	2,240	
1.4	Petroleum	0	0	0	0	0	
1.5	<b>Total Renewable Energy Resources</b>	<b>4,048</b>	<b>4,044</b>	<b>4,043</b>	<b>4,043</b>	<b>4,019</b>	
1.5.1	Biomass/Biogas	0	0	0	0	0	
1.5.2	Geothermal	0	0	0	0	0	
1.5.3	Hydroelectric	3,896	3,892	3,891	3,891	3,867	
1.5.4	Solar	152	152	152	152	152	
1.5.5	Wind	0	0	0	0	0	
1.6	Other						
<b>2</b>	<b>Net Generation for the data year (MWh)</b>	<b>Overall Total</b>	<b>33,525,038</b>	<b>34,861,494</b>	<b>32,723,899</b>	<b>33,849,390</b>	<b>29,325,778</b>
2.1	Coal	0	0	0	0	0	
2.2	Natural Gas	5,718,177	5,712,489	6,332,313	6,320,299	6,393,192	
2.3	Nuclear	18,930,794	17,951,387	18,267,795	16,195,079	16,310,328	
2.4	Petroleum	0	0	0	0	0	
2.5	<b>Total Renewable Energy Resources</b>	<b>8,876,068</b>	<b>11,197,618</b>	<b>8,123,791</b>	<b>11,334,012</b>	<b>6,622,259</b>	
2.5.1	Biomass/Biogas	0	0	0	0	0	
2.5.2	Geothermal	0	0	0	0	0	
2.5.3	Hydroelectric	8,553,653	10,899,671	7,813,589	11,051,282	6,345,383	
2.5.4	Solar	322,415	297,947	310,202	282,730	276,876	
2.5.5	Wind	0	0	0	0	0	
<b>3</b>	<b>Capital Expenditures and Energy Efficiency (EE)</b>						
3.1	Total Annual Capital Expenditures (nominal dollars)	\$ 5,709,000,000	\$ 5,641,000,000	\$ 6,514,000,000	\$ 6,313,000,000	\$ 7,690,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	1,406,000	1,486,900	1,369,922	1,322,044	1,759,115	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 484,000,000	\$ 424,721,046	\$ 363,337,828	\$ 371,105,990	\$ 268,917,391	
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>						
4.1	Commercial	632,578	634,978	544,827	546,860	544,393	
4.2	Industrial	1,448	1,325	1,197	1,202	1,312	
4.3	Residential	4,749,484	4,808,753	4,768,803	4,810,736	4,842,860	



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	2016	2017	2018	2019	2020
<b>Emissions</b>					
<b>5 GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>					
<b>5.1 Owned Generation</b>					
5.1.1 Carbon Dioxide (CO2)					
5.1.1.1 Total Owned Generation CO2 Emissions (MT)	2,258,822	2,292,309	2,512,130	2,484,127	2,551,853
5.1.1.2 Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.067	0.066	0.078	0.074	0.088
5.1.2 Carbon Dioxide Equivalent (CO2e)					
5.1.2.1 Total Owned Generation CO2e Emissions (MT)	2,261,032	2,292,218	2,512,130	2,484,127	2,551,853
5.1.2.2 Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.067	0.066	0.077	0.073	0.087
<b>5.3 Owned Generation + Purchased Power</b>					
5.3.1 Carbon Dioxide (CO2)					
5.3.1.1 Total Owned + Purchased Generation CO2 Emissions (MT)	10,225,906	6,518,460	4,887,877	43,650*	2,601,009*
5.3.1.2 Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.133	0.095	0.094	0.001*	0.073*
5.3.2 Carbon Dioxide Equivalent (CO2e)					
5.3.2.1 Total Owned + Purchased Generation CO2e Emissions (MT)	10,228,296	6,520,676	4,889,538	43,665*	2,601,009*
5.3.2.2 Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.133	0.095	0.094	0.001*	0.073*
<b>5.4 Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)</b>					
5.4.1 Total CO2e emissions of SF6 (lbs)	106,435,883	51,686,847	123,792,699	77,407,915	124,419,600
5.4.2 Leak rate of CO2e emissions of SF6 (lbs/Net MWh)	3.17	1.48	3.78	2.29	3.47
<b>6 Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>					
6.1 Generation basis for calculation	Fossil				
<b>6.2 Nitrogen Oxide (NOx)</b>					
6.2.1 Total NOx Emissions (MT)	128	140	122	123	128
6.2.2 Total NOx Emissions Intensity (MT/Net MWh)	0.000004	0.000004	0.000004	0.000004	0.000004
<b>6.3 Sulfur Dioxide (SO2)</b>					
6.3.1 Total SO2 Emissions (MT)	12	13	14	13	14
6.3.2 Total SO2 Emissions Intensity (MT/Net MWh)	0.000000	0.000000	0.000000	0.000000	0.000000
<b>6.4 Mercury (Hg)</b>					
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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<b>Resources</b>					
<b>7 Human Resources</b>					
7.1 Total Number of Employees	23,823	23,393	24,000	23,000	24,000
7.2 Percentage of Women in Total Workforce	28.1	28.4	27.6	26.9	27.0
7.3 Percentage of Minorities in Total Workforce	41.7	42.7	43.3	43.2	46.1
7.4 Total Number on Board of Directors	13	12	12	14	14
7.5 Percentage of Women on Board of Directors	31	25	25	36	36
7.6 Percentage of Minorities on Board of Directors	38	42	42	14	29
<b>7.7 Employee Safety Metrics</b>					
7.7.1 Recordable Incident Rate	2.71	3.11	2.94	3.29	2.21
7.7.2 Lost-time Case Rate	0.402	0.487	0.392	0.44	0.50
7.7.3 Days Away, Restricted, and Transfer (DART) Rate	1.70	1.99	1.81	2.05	1.34
7.7.4 Work-related Fatalities	1	1	1	0	1
<b>8 Fresh Water Resources Used in Thermal Power Generation Activities</b>					
8.1 Water Withdrawals - Consumptive (Millions of Gallons)	209	208	244	254	254
8.2 Water Withdrawals - Non-Consumptive (Millions of Gallons)	62	88	51	73	58
8.3 Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.000006	0.000006	0.000007	0.000008	0.000009
8.4 Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.000002	0.000003	0.000002	0.000002	0.000002
<b>9 Waste Products</b>					
9.1 Amount of Hazardous Waste Manifested for Disposal	1,206	1,651	2,074	2,428	801
9.2 Percent of Coal Combustion Products Beneficially Used	N/A	N/A	N/A	N/A	N/A

\* For 2019 and 2020, PG&E's adjusted retail electricity supply mix is based on the California Energy Commission's Power Source Disclosure program. This approach differs from prior reporting years (pre-2019) and results in a retail electricity supply emission rates that is lower.