



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: 9/30/2020

| | | 2016 | 2017 | Last Year 2018 | Current Year 2019 |
|------------------|--|----------------------|-------------------|-------------------|----------------------|
| Portfolio | | | | | |
| 1 | Owned Nameplate Generation Capacity at end of year (MW) | Overall Total | 7,691 | 7,687 | 7,686 |
| 1.1 | Coal | 0 | 0 | 0 | 0 |
| 1.2 | Natural Gas | 1,403 | 1,403 | 1,403 | 1,403 |
| 1.3 | Nuclear | 2,240 | 2,240 | 2,240 | 2,240 |
| 1.4 | Petroleum | 0 | 0 | 0 | 0 |
| 1.5 | Total Renewable Energy Resources | 4,048 | 4,044 | 4,043 | 4,043 |
| 1.5.1 | Biomass/Biogas | 0 | 0 | 0 | 0 |
| 1.5.2 | Geothermal | 0 | 0 | 0 | 0 |
| 1.5.3 | Hydroelectric | 3,896 | 3,892 | 3,891 | 3,891 |
| 1.5.4 | Solar | 152 | 152 | 152 | 152 |
| 1.5.5 | Wind | 0 | 0 | 0 | 0 |
| 2 | Net Generation for the data year (MWh) | Overall Total | 33,525,038 | 34,861,494 | 32,723,899 |
| 2.1 | Coal | 0 | 0 | 0 | 0 |
| 2.2 | Natural Gas | 5,718,177 | 5,712,489 | 6,332,313 | 6,320,299 |
| 2.3 | Nuclear | 18,930,794 | 17,951,387 | 18,267,795 | 16,195,079 |
| 0 | Petroleum | 0 | 0 | 0 | 0 |
| 2.5 | Total Renewable Energy Resources | 8,876,068 | 11,197,618 | 8,123,791 | 11,334,012 |
| 2.5.1 | Biomass/Biogas | 0 | 0 | 0 | 0 |
| 2.5.2 | Geothermal | 0 | 0 | 0 | 0 |
| 2.5.3 | Hydroelectric | 8,553,653 | 10,899,671 | 7,813,589 | 11,051,282 |
| 2.5.4 | Solar | 322,415 | 297,947 | 310,202 | 282,730 |
| 2.5.5 | Wind | 0 | 0 | 0 | 0 |
| 3 | Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters | | | | |
| 3.1 | Total Annual Capital Expenditures (nominal dollars) | \$ 5,709,000,000 | \$ 5,641,000,000 | \$ 6,514,000,000 | \$ 6,313,000,000 |
| 3.2 | Incremental Annual Electricity Savings from EE Measures (MWh) | 1,406,000 | 1,486,900 | 1,369,922 | 1,322,044 |
| 3.3 | Incremental Annual Investment in Electric EE Programs (nominal dollars) | \$ 484,000,000 | \$ 424,721,046 | \$ 363,337,828 | \$ 371,105,990 |
| 3.4 | Percent of Total Electric Customers with Smart Meters (at end of year) | 98 | 98 | 98 | 99 |
| 4 | Retail Electric Customer Count (at end of year) | | | | |
| 4.1 | Commercial | 632,578 | 634,978 | 544,827 | 546,860 |
| 4.2 | Industrial | 1,448 | 1,325 | 1,197 | 1,202 |
| 4.3 | Residential | 4,749,484 | 4,808,753 | 4,768,803 | 4,810,736 |



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| | 2016 | 2017 | Last Year 2018 | Current Year 2019 |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 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) | 2,258,822 | 2,290,002 | 2,509,705 | 2,481,726 |
| 5.1.1.2 Total Owned Generation CO2 Emissions Intensity (MT/Net MWh) | 0.067 | 0.066 | 0.078 | 0.074 |
| 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 |
| 5.1.2.2 Total Owned Generation CO2e Emissions Intensity (MT/Net MWh) | 0.067 | 0.066 | 0.077 | 0.073 |
| 5.3 Owned Generation + Purchased Power | | | | |
| 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* |
| 5.3.1.2 Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh) | 0.133 | 0.095 | 0.094 | 0.001* |
| 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* |
| 5.3.2.2 Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh) | 0.133 | 0.095 | 0.094 | 0.001* |
| 5.4 Non-Generation CO2e Emissions | | | | |
| 5.4.1 Fugitive CO2e emissions of sulfur hexafluoride (MT) | 50,045 | 26,510 | 57,810 | 36,190 |
| 5.4.2 Fugitive CO2e emissions from natural gas distribution (MT) | 605,690 | 630,249 | 588,081 | 660,346 |
| 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) | 128 | 140 | 122 | 123 |
| 6.2.2 Total NOx Emissions Intensity (MT/Net MWh) | 0.000004 | 0.000004 | 0.000004 | 0.000004 |
| 6.3 Sulfur Dioxide (SO2) | | | | |
| 6.3.1 Total SO2 Emissions (MT) | 12 | 13 | 14 | 13 |
| 6.3.2 Total SO2 Emissions Intensity (MT/Net MWh) | 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 | Below U.S. EPA Reporting Thresholds | Below U.S. EPA Reporting Thresholds | Below U.S. EPA Reporting Thresholds |
| 6.4.2 Total Hg Emissions Intensity (kg/Net MWh) | 0.000000 | 0.000000 | 0.000000 | 0.000000 |



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| Resources | | | | |
| 7 Human Resources | | | | |
| 7.1 Total Number of Employees | 23,823 | 23,393 | 24,000 | 23,000 |
| 7.2 Total Number on Board of Directors/Trustees | 13 | 11 | 12 | 14 |
| 7.3 Total Women on Board of Directors/Trustees | 3 | 3 | 3 | 5 |
| 7.4 Total Minorities on Board of Directors/Trustees | 6 | 5 | 5 | 4 |
| 7.5 Employee Safety Metrics | | | | |
| 7.5.1 Recordable Incident Rate | 2.71 | 3.11 | 2.94 | 3.29 |
| 7.5.2 Lost-time Case Rate | 0.402 | 0.487 | 0.392 | 0.44 |
| 7.5.3 Days Away, Restricted, and Transfer (DART) Rate | 1.70 | 1.99 | 1.81 | 2.05 |
| 7.5.4 Work-related Fatalities | 1 | 1 | 1 | 0 |
| 8 Fresh Water Resources | | | | |
| 8.1 Water Withdrawals - Consumptive (Billions of Liters/Net MWh) | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 8.2 Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 9 Waste Products | | | | |
| 9.1 Amount of Hazardous Waste Manifested for Disposal | 1,206 | 1,651 | 2,074 | 2,428 |
| 9.2 Percent of Coal Combustion Products Beneficially Used | N/A | N/A | N/A | N/A |

* For 2019, 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 and results in a retail electricity supply emission rates that is significantly lower. PG&E's 2019 voluntary greenhouse gas emissions inventory is currently undergoing third-party verification.

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