

EEI ESG/Sustainability Template – Quantitative Information

PG&E is among the Edison Electric Institute (EEI) member companies piloting 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: CA
State(s) with RPS Programs: CA
Regulatory Environment: Regulated
Report Date: 12/31/2017

Ref. No.	EEI ESG/Sustainability Metric	2015 <i>Actual</i>	2016 <i>Actual</i>
Portfolio			
1	Owned Nameplate Generation Capacity at end of year (MW)	Overall Total	
		7,691	7,691
1.1	Coal	0	0
1.2	Natural Gas	1,403	1,403
1.3	Nuclear	2,240	2,240
1.4	Petroleum	0	0
1.5	Total Renewable Energy Resources		
1.5.1	Biomass/Biogas	0	0
1.5.2	Geothermal	0	0
1.5.3	Hydroelectric	3,896	3,896
1.5.4	Solar	152	152
1.5.5	Wind	0	0
2	Net Generation for the data year (MWh)	30,719,216	33,525,038
2.1	Coal	0	0
2.2	Natural Gas	7,293,346	5,718,177
2.3	Nuclear	18,524,814	18,930,794
2.4	Petroleum	0	0
2.5	Total Renewable Energy Resources	4,887,276	8,876,068
2.5.1	Biomass/Biogas	0	0
2.5.2	Geothermal	0	0
2.5.3	Hydroelectric	4,568,694	8,553,653
2.5.4	Solar	318,582	322,415
2.5.5	Wind		
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters		
3.1	Total Annual Capital Expenditures (nominal dollars)	\$ 5,173,000,000	\$ 5,709,000,000
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	1,392,000	1,406,000
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 440,000,000	\$ 484,000,000
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	98	98
4	Retail Electric Customer Count (at end of year)		
4.1	Commercial	632,081	632,578
4.2	Industrial	1,326	1,448
4.3	Residential	4,760,209	4,749,484
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)	2,872,416	2,258,822
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.094	0.067
5.1.2	Carbon Dioxide Equivalent (CO2e)		
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	2,875,176	2,261,032
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.094	0.067
5.3	Owned Generation + Purchased Power		
5.3.1	Carbon Dioxide (CO2)		
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	14,798,723	10,225,906
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.183	0.133
5.3.2	Carbon Dioxide Equivalent (CO2e)		

5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)		14,801,483	10,228,296
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)		0.183	0.133
5.4	Non-Generation CO2e Emissions			
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT)		51,652	50,045
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT)		676,458	605,690
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)			
6.1	Generation basis for calculation		Fossil Fuel Generation	
6.2	Nitrogen Oxide (NOx)			
6.2.1	Total NOx Emissions (MT)		145	128
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)		0.000005	0.000004
6.3	Sulfur Dioxide (SO2)			
6.3.1	Total SO2 Emissions (MT)		15	12
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)		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

Resources

7	Human Resources			
7.1	Total Number of Employees		22,911	23,823
7.2	Total Number on Board of Directors/Trustees		12	13
7.3	Total Women on Board of Directors/Trustees		3	3
7.4	Total Minorities on Board of Directors/Trustees		4	6
7.5	Employee Safety Metrics			
7.5.1	Recordable Incident Rate		2.550	2.706
7.5.2	Lost-time Case Rate		0.37	0.40
7.5.3	Days Away, Restricted, and Transfer (DART) Rate		1.56	1.70
7.5.4	Work-related Fatalities		1	1
8	Fresh Water Resources			
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)		0.0000	0.0000
8.2	Water Withdrawals - Non-consumptive (Billions of Liters/Net MWh)		0.0002	0.0002
9	Waste Products			
9.1	Percent of Non-hazardous Municipal Solid Waste Diverted		79%	80%
9.2	Percent of Coal Combustion Products Beneficially Used		N/A	N/A