



Electric Company ESG/Sustainability Quantitative Information

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Prior Year 2017	Prior Year 2018	Current Year 2019	Comments, Links, Additional Information, and Notes
Portfolio - Follows GHG Protocols						
1	Owned Nameplate Generation Capacity at end of year (MW)					<i>MW Adjusted for acquisitions and divestitures consistent with GHG Protocol</i>
1.1	Coal	8,071 *	6,191	6,195	5,388	
1.2	Natural Gas	5,068 *	9,592 *	11,694	10,926	
1.3	Nuclear	6,370	5,996	5,996	5,999	
1.4	Petroleum	2,333 *	2,168	2,155	2,143	
1.5	Total Renewable Energy Resources	2,742 *	4,668 *	4,770	4,963	
1.5.1	Biomass/Biogas	80	236	236	153	
1.5.2	Geothermal	0	0	0	0	
1.5.3	Hydroelectric	2,662 *	2,924 *	2,889	2,908	
1.5.4	Solar		1,226	1,363	1,752	
1.5.5	Wind		282	282	150	
1.6	Other					
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2.i	Owned Net Generation for the data year (MWh)					<i>MWh Adjusted for acquisitions and divestitures consistent with GHG Protocol</i>
2.1.i	Coal	52,781,866 *	24,137,269	20,882,684	13,659,118	
2.2.i	Natural Gas	4,198,658 *	36,419,805 *	40,018,399 *	49,357,309	
2.3.i	Nuclear	49,143,692	49,158,469 *	48,452,215	49,316,348	
2.4.i	Petroleum	4,657,260 *	271,644	626,111	123,323	
2.5.i	Total Renewable Energy Resources	1,680,329 *	4,672,908 *	5,861,386 *	5,603,010 *	
2.5.1.i	Biomass/Biogas	694,843	1,468,535	1,346,282	1,007,679	
2.5.2.i	Geothermal		0	0	0	
2.5.3.i	Hydroelectric	985,486 *	646,622 *	1,209,931 *	959,571 *	
2.5.4.i	Solar		1,983,498	2,686,996	3,037,885	
2.5.5.i	Wind		574,253	618,177	597,876	
2.6.i	Other					
2.ii	Purchased Gross Generation for the data year (MWh)	20,868,925 *	17,294,361 *	20,158,495 *	17,312,430 *	
2.1.ii	Coal					
2.2.ii	Natural Gas					
2.3.ii	Nuclear					
2.4.ii	Petroleum					
2.5.ii	Total Renewable Energy Resources	1,198,946	932,877	1,597,623	2,243,705	
2.5.1.ii	Biomass/Biogas					
2.5.2.ii	Geothermal					
2.5.3.ii	Hydroelectric					
2.5.4.ii	Solar					
2.5.5.ii	Wind					
2.6.ii	Other	19,669,979	16,361,484	18,560,872	15,068,725	
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters					
3.1	Total Annual Capital Expenditures (nominal dollars)		\$ 5,909,000,000	\$ 4,405,000,000	\$ 5,321,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)		106,589	78,344	208,827	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)		\$ 26,331,000	\$ 19,901,000	\$ 41,057,491	
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)		0	0	2%	
4	Retail Electric Customer Count (at end of year)					
4.1	Commercial		275,961	277,676	381,761	
4.2	Industrial		649	642	1,404	
4.3	Residential		2,311,474	2,335,920	3,003,392	



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Emissions						
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.					
5.1	Owned Generation (1) (2) (3)					
5.1.1	Carbon Dioxide (CO2)					
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	57,441,116 *	37,888,099 *	36,032,543 *	31,749,794 *	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.511 *	0.330 *	0.311 *	0.269 *	
5.1.2	Carbon Dioxide Equivalent (CO2e)					Total direct CO2e emissions (CO2 and CH4 only)
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	58,106,961 *	37,963,955 *	36,103,178 *	31,796,845 *	<i>CO2e including CO2, CH4 and N2O*:</i>
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.517 *	0.331 *	0.312 *	0.269 *	59,348,460 MT (2005); 38,102,240 MT (2017); 36,226,263 MT (2018); 31,884,526 MT
5.2	Purchased Power (4)					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	17,840,409 *	10,228,001 *	10,866,876 *	8,244,067 *	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.855 *	0.591 *	0.539 *	0.476 *	
5.2.2	Carbon Dioxide Equivalent (CO2e)					Total direct CO2e emissions (CO2 and CH4 only)
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	17,876,090 *	10,248,457 *	10,888,610 *	8,260,555 *	<i>CO2e including CO2, CH4 and N2O*:</i>
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.857 *	0.593 *	0.540 *	0.477 *	17,947,452 MT (2005); 10,279,141 MT (2017); 10,921,210 MT (2018); 8,285,287 MT
5.3	Owned Generation + Purchased Power					
5.3.1	Carbon Dioxide (CO2)					
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	75,281,525 *	48,116,100 *	46,899,419 *	39,993,860 *	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.565 *	0.365 *	0.345 *	0.295 *	
5.3.2	Carbon Dioxide Equivalent (CO2e)					Total direct CO2e emissions (CO2 and CH4 only)
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	75,983,051 *	48,212,411 *	46,991,788 *	40,057,400 *	See notes above for Items 5.1 and 5.2. <i>CO2e including CO2, CH4 and N2O*:</i>
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.570 *	0.365 *	0.346 *	0.296 *	77,295,912 MT (2005); 48,381,381 MT (2017); 47,147,473 MT (2018); 40,169,813 MT (2019)
5.4	Non-Generation CO2e Emissions					
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)		45,945 *	51,814 *	48,603 *	
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)		900,840 *	881,169 *	869,417 *	Total direct CO2e emissions (CO2 and CH4 only). Total fugitive CO2e emissions (CH4 and CO2) as reported to EPA under GHGRP Subpart W. Fugitive emissions from Gas Distribution only (includes DEO, DEWV, DEUWI [DEUT 2017-2019, DEWY 2019], DESC and DENC, 2017-2019)
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)					
6.1	Generation basis for calculation (7)	Fossil				
6.2	Nitrogen Oxide (NOx)					
6.2.1	Total NOx Emissions (MT)	89,432 *	15,605 *	15,722 *	11,318 *	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.0008 *	0.0001 *	0.0001 *	0.0001 *	
6.3	Sulfur Dioxide (SO2)					
6.3.1	Total SO2 Emissions (MT)	258,864 *	7,989 *	9,790 *	4,650 *	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.00230 *	0.00007 *	0.00008 *	0.00004 *	
6.4	Mercury (Hg)					
6.4.1	Total Hg Emissions (kg)	791.6 *	39.5 *	33.3 *	39.2 *	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.0000070 *	0.0000003 *	0.0000003 *	0.0000003 *	

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Resources						
7	Human Resources					
7.1	Total Number of Employees		16,200	16,014	19,263	
7.2	Total Number on Board of Directors/Trustees		12	12	13	
7.3	Total Women on Board of Directors/Trustees		3	3	3	
7.4	Total Minorities on Board of Directors/Trustees		1	1	2	
7.5	Employee Safety Metrics					
7.5.1	Recordable Incident Rate		0.60	0.55	0.62	
7.5.2	Lost-time Case Rate		0.17	0.17	0.18	
7.5.3	Days Away, Restricted, and Transfer (DART) Rate		0.28	0.30	0.28	
7.5.4	Work-related Fatalities		0	0	0	
8	Fresh Water Resources					
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)		0.000004 *	0.000003 *	0.000002	
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.00014 *	0.00008 *	0.00007 *	0.00007	Baseline for Water Withdrawals - Non-Consumptive is CY 2000 (not 2005).
9	Waste Products					
9.1	Amount of Hazardous Waste Manifested for Disposal		3.6	3.7	11.1	Units of Metric Tons
9.2	Percent of Coal Combustion Products Beneficially Used		32%	27%	39%	
Additional Metrics (Optional)						
<i>Insert additional rows in this section as necessary.</i>						