



## Electric Company ESG/Sustainability Quantitative Information - Version 2

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2000	Baseline 2005	Last Year 2017	Current Year 2018	Comments, Links, Additional Information, and Notes
<b>Portfolio</b>						
<b>1</b>	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>	19,920	25,809	23,293	23,309	<i>Provide a link to charts or additional information if available</i>
1.1	Coal	5,992	7,861	4,402	4,406	
1.2	Natural Gas	2,529	7,074	9,297	9,187	
1.3	Nuclear	3,253	5,726	5,349	5,349	
1.4	Petroleum	1,747	3,105	2,168	2,155	
1.5	Total Renewable Energy Resources	327	407	2,062	2,197	
1.5.1	Biomass/Biogas	0	80	236	236	
1.5.2	Geothermal					
1.5.3	Hydroelectric	327	327	318	316	
1.5.4	Solar	0	0	1,226	1,363	
1.5.5	Wind	0	0	282	282	
1.6	Other	39	0	15	15	
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>						
<b>2</b>	<b>Net Generation for the data year (MWh)</b>	71,536,133	109,328,723	102,066,790	101,428,432	
2.1	Coal	37,772,810	51,607,246	15,376,307	12,306,493	
2.2	Natural Gas	3,698,671	7,601,149	37,497,407	39,475,861	
2.3	Nuclear	26,552,901	44,164,092	44,548,239	43,540,516	
2.4	Petroleum	3,021,949	4,838,068	435,005	737,432	
2.5	Total Renewable Energy Resources	489,802	1,118,168	4,209,832	5,368,130	
2.5.1	Biomass/Biogas		540,007	1,163,454	1,196,109	
2.5.2	Geothermal					
2.5.3	Hydroelectric	489,802	578,161	488,627	866,848	
2.5.4	Solar			1,983,498	2,868,996	
2.5.5	Wind			574,253	618,177	
2.6	Other			94,800	94,576	Bridgeport Fuel Cell
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>						
<b>3</b>	<b>Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>					
3.1	Total Annual Capital Expenditures (nominal dollars)			\$ 5,749,588	\$ 4,310,778	<i>Provide a link to functional CapEx projections if available</i>
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)			112,185	90,888	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)			\$ 28,158,538	\$ 21,936,788	
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)			15%	16%	
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>					
4.1	Commercial	202,443	250,515	275,136	277,678	
4.2	Industrial	805	655	648	642	
4.3	Residential	1,855,879	2,037,523	2,298,895	2,335,920	



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<b>Emissions</b>						
5	<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b> <i>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.</i>					Consider including carbon reduction targets in qualitative discussion
5.1	<b>Owned Generation (1) (2) (3)</b>					
5.1.1	Carbon Dioxide (CO2)					
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	41,989,458	57,262,200	30,137,002	27,659,008	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.587	0.513	0.295	0.273	
5.1.2	Carbon Dioxide Equivalent (CO2e)					
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	42,619,300	58,121,133	30,158,187	27,763,387	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.596	0.520	0.296	0.274	
5.2	<b>Purchased Power (4)</b>					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	12,159,115	13,780,442	9,739,083	13,499,745	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.730	0.730	0.730	0.730	
5.2.2	Carbon Dioxide Equivalent (CO2e)					
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	13,604,038	15,418,034	10,898,034	15,103,980	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.812	0.812	0.812	0.812	
5.3	<b>Owned Generation + Purchased Power</b>					
5.3.1	Carbon Dioxide (CO2)					
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	54,148,573	71,042,641	39,876,085	41,158,753	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.613	0.544	0.345	0.343	
5.3.2	Carbon Dioxide Equivalent (CO2e)					
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	56,223,338	73,539,166	41,056,221	42,867,367	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.637	0.563	0.356	0.357	
5.4	<b>Non-Generation CO2e Emissions</b>					
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)			37,841	39,900	
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)			800,728	782,475	
6	<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>					
6.1	Generation basis for calculation (7)					
6.2	<b>Nitrogen Oxide (NOx)</b>					
6.2.1	Total NOx Emissions (MT)	132,895	101,106	10,559	10,621	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001861	0.000912	0.000104	0.000105	



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<b>6.3</b>	<b>Sulfur Dioxide (SO2)</b>					
6.3.1	Total SO2 Emissions (MT)	372,732	283,213	5,490	7,439	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.005219	0.002554	0.000054	0.000074	
<b>6.4</b>	<b>Mercury (Hg)</b>					
6.4.1	Total Hg Emissions (kg)	2,194	931	32	31	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.0000307	0.0000084	0.0000003	0.0000003	

Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes

### Resources

#### 7 Human Resources

7.1	Total Number of Employees	14,546	17,414	16,200	16,014	
7.2	Total Number on Board of Directors/Trustees	16	15	12	12	
7.3	Total Women on Board of Directors/Trustees	1	1	3	3	
7.4	Total Minorities on Board of Directors/Trustees	4	3	1	1	
7.5	Employee Safety Metrics					
7.5.1	Recordable Incident Rate			0.60	0.55	
7.5.2	Lost-time Case Rate			0.17	0.17	
7.5.3	Days Away, Restricted, and Transfer (DART) Rate			0.28	0.30	
7.5.4	Work-related Fatalities			0.00	0.00	

#### 8 Fresh Water Resources

8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000006	0.00000007	0.00000003	0.00000017	
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.000140	0.000130	0.000074	0.000068	

#### 9 Waste Products

9.1	Amount of Hazardous Waste Manifested for Disposal			1,780	3,671	
9.2	Percent of Coal Combustion Products Beneficially Used			20%	19%	

### Additional Metrics (Optional)

Insert additional rows in this section as necessary.