

## EEI ESG/Sustainability Template – Section 2: Quantitative Information

*This material contains forward-looking statements that are subject to certain risks, uncertainties and assumptions. Such forward looking statements include projections related to emissions reductions, changes in our generation portfolio, planned retirements, and planned capital investments and are identified in this document by the words "Next Year", "Future Year" and similar expressions. Actual results may vary materially. Forward-looking statements speak only as of the date they are made, and we expressly disclaim any obligation to update any forward-looking information. Factors that could cause actual results to differ materially include, but are not limited to: general economic conditions, including the availability of credit, actions of rating agencies and their impact on capital expenditures; business conditions in the energy industry; competitive factors; unusual weather; effects of geopolitical events; including war and acts of terrorism; changes in federal or state legislation; outcomes of regulatory proceedings; actions of regulatory bodies; and other risk factors listed from time to time by Xcel Energy in reports filed with the SEC.*

Ref. No.	Refer to the Definitions tab for more information on each metric	Baseline 2005	Last Year 2016	Current Year 2017	Next Year 2019	Future Year 2022	Future Year 2030	Comments, Links, Additional Information, and Notes
<b>Portfolio</b>								
<b>1</b>	<b>Owned <u>Summer Net Dependable</u> Generation Capacity at end of year (MW)</b>							We have provided Net Summer Dependable capacity to align with our 10-K reporting. Nameplate capacity can be downloaded from the EIA website under form 860.
1.1	Coal	7,899	7,048	6,512	6,512	6,512	4,426	
1.2	Natural Gas	5,280	7,535	7,831	7,461	7,461	7,234	
1.3	Nuclear	1,617	1,657	1,657	1,657	1,657	1,657	
1.4	Petroleum	147	122	122	122	122	17	
1.5	Total Renewable Energy Resources		1,275	1,264	<b>3,057</b>	<b>4,368</b>	<b>4,287</b>	
1.5.1	Biomass/Biogas	29	52	52	102	104	23	
1.5.2	Geothermal	0	0	0	0	0	0	
1.5.3	Hydroelectric	496	371	371	286	362	362	Includes 300 MW Nameplate for Pumped Hydro storage facility, Cabin Creek
1.5.4	Solar	0	0	0	0	0	0	
1.5.5	Wind	0	852	841	2,669	3,902	3,902	
1.6	Other	280	0	0	0	0	0	
<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>							*All generation values have been adjusted to only reflect the generation used to serve Xcel Energy customers. Please see footnote at the bottom
2.1	Coal	61,285,264	37,586,574	36,784,818	34,693,197	27,141,076	21,164,724	
2.2	Natural Gas	25,105,119	25,126,856	22,737,999	16,871,807	11,737,399	16,835,094	
2.3	Nuclear	13,091,326	12,927,881	12,876,594	13,083,030	13,094,636	12,793,306	
2.4	Petroleum	146,880	46,734	87,574	0	8,237	1,845	
2.5	Total Renewable Energy Resources	<b>8,893,482</b>	<b>25,533,550</b>	<b>26,900,411</b>	<b>32,658,377</b>	<b>49,718,981</b>	<b>52,235,104</b>	
2.5.1	Biomass/Biogas	641,080	1,197,682	1,235,969	1,423,418	1,307,816	127,315	
2.5.2	Geothermal	0	0	0	0	0	0	
2.5.3	Hydroelectric	5,516,342	3,554,799	3,506,635	2,380,643	2,622,954	2,570,286	
2.5.4	Solar	0	478,578	1,527,633	3,219,409	6,122,667	7,898,139	
2.5.5	Wind	2,736,061	20,302,490	20,630,174	25,634,906	39,665,544	41,639,364	
2.6	Other	496,666	125,627	170,073	0	0	0	For forecasted values, "Other" is included in "Biomass/Biogas"

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<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.i</b>	<b>Owned Net Generation for the data year (MWh)</b>							
2.1.i	Coal	51,346,760	34,387,676	33,966,221	33,437,914	26,139,851	21,164,724	
2.2.i	Natural Gas	11,852,283	16,532,448	14,615,836	10,964,143	6,794,421	13,560,886	
2.3.i	Nuclear	12,368,984	12,656,118	12,677,036	13,083,030	13,094,636	12,793,306	
2.4.i	Petroleum	86,997	13,057	14,419	0	8,237	1,845	
2.5.i	Total Renewable Energy Resources	<b>1,314,623</b>	<b>4,158,630</b>	<b>4,778,338</b>	<b>7,966,367</b>	<b>16,651,091</b>	<b>16,434,697</b>	
2.5.1.i	Biomass/Biogas	281,274	305,779	309,986	465,238	458,514	113,476	
2.5.2.i	Geothermal	0	0	0	0	0	-	
2.5.3.i	Hydroelectric	993,030	1,528,488	1,491,540	924,744	885,910	891,205	
2.5.4.i	Solar	0	138	137	0	0	-	The historic generation represents a small (<1 MW) owned facility, but it is not large enough to show in our forecasts.
2.5.5.i	Wind	40,319	2,324,224	2,976,674	6,576,384	15,306,666	15,430,017	
2.6.i	Other	422,245	97,154	84,210	0	0	-	For forecasted values, "Other" is included in "Biomass/Biogas"
<b>2.ii</b>	<b>Purchased Net Generation for the data year (MWh)</b>							
2.1.ii	Coal	9,938,503	3,198,898	2,818,597	1,255,283	1,001,225	-	
2.2.ii	Natural Gas	13,252,836	8,594,408	8,122,163	5,907,664	4,942,978	3,274,208	
2.3.ii	Nuclear	722,342	271,763	199,557	0	0	-	Our forecast models indicate zero purchased nuclear
2.4.ii	Petroleum	59,883	33,678	73,155	0	0	-	Our forecast models indicate zero purchased oil
2.5.ii	Total Renewable Energy Resources	<b>7,578,860</b>	<b>21,374,920</b>	<b>22,122,073</b>	<b>24,692,011</b>	<b>33,067,891</b>	<b>35,800,406</b>	
2.5.1.ii	Biomass/Biogas	359,806	891,904	925,983	958,180	849,303	13,839	
2.5.2.ii	Geothermal	0	0	0	0	0	-	
2.5.3.ii	Hydroelectric	4,523,312	2,026,311	2,015,095	1,455,899	1,737,044	1,679,081	
2.5.4.ii	Solar	0	478,439	1,527,495	3,219,409	6,122,667	7,898,139	
2.5.5.ii	Wind	2,695,742	17,978,266	17,653,500	19,058,522	24,358,878	26,209,348	
2.6.ii	Other	74,420	28,473	85,863	0	0	-	For forecasted values, "Other" is included in "Biomass/Biogas"
<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)	\$1.3 billion	\$3.3 billion	\$3.3 billion	\$4.1 billion	\$3.6 billion	N/A	Provide a link to functional CapEx projections if available
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	374,422	1,081,006	1,195,598	951,295	964,176	962,754	Assumes NSPW DSM achievements in future years similar to 2017.
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$110.5 million	\$225 million	\$219 million	\$219 million	\$219 million	\$219 million	Assumes straight-line continuation of 2017 costs, as budgets are not yet approved for future years.
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	0%	0%	0%	1%	50%	100%	Based on current plans, which depend on regulatory circumstances
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>							
4.1	Commercial	478,801	500,287	569,941				
4.2	Industrial	1,225	1,225	1,236				
4.3	Residential	2,791,594	3,040,727	3,069,451				

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<b>Emissions</b>									
5	<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)*</b>  <b>Note:</b> The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.							*Note: All emissions values have been adjusted to only reflect the carbon emissions associated with electricity used to serve Xcel Energy customers. See footnote at the bottom.  Xcel Energy's carbon reduction goal is to achieve 60% reductions by 2030 over 2005 levels; Our interim goal is 50% by 2022.	
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)	77,691,154	52,041,915	49,902,126	48,837,354	37,754,942	31,002,059		
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.687	0.467	0.455	0.451	0.339	0.277		
5.3.2	Carbon Dioxide Equivalent (CO2e)								
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	78,137,596	52,376,401	50,231,005	48,935,029	37,830,452	31,064,063	For forecasted numbers, we estimate the additional GHG equivalents by adding a factor of 1.002 onto the CO2 values	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.691	0.470	0.458	0.452	0.339	0.278		
5.4	<b>Non-Generation CO2e Emissions</b>								
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	0	2	5				We do not forecast this metric	
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)	0	248,982	244,247				We do not forecast this metric	
6	<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>								
6.1	Generation basis for calculation (7)	Total							
6.2	<b>Nitrogen Oxide (NOx)</b>								
6.2.1	Total NOx Emissions (MT)	107,430	27,809	24,472	28,271	21,381	14,378	Emissions for owned units only	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001337	0.000375	0.000337	0.0002734	0.0002096	0.0001392		
6.3	<b>Sulfur Dioxide (SO2)</b>					0			
6.3.1	Total SO2 Emissions (MT)	129,936	37,230	33,869	34,209	29,894	28,876	Emissions for owned units only	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.001617	0.000502	0.000467	0.0003308	0.0002931	0.0002796		
6.4	<b>Mercury (Hg)</b>								
6.4.1	Total Hg Emissions (kg)	1,190	134	108	131.4	113.0	91.6	Emissions for owned units only	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.000015	0.000002	0.000001	0.0000013	0.0000023	0.0000009		

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

**Resources**

<b>7</b>	<b>Human Resources</b>							
7.1	Total Number of Employees	10,847	12,009	11,726				Total employees as of Dec. 31 as reported in the annual Corporate Responsibility Report
7.2	Total Number on Board of Directors/Trustees	12	12	12				
7.3	Total Women on Board of Directors/Trustees	2	3	2				
7.4	Total Minorities on Board of Directors/Trustees	1	2	3				
7.5	Employee Safety Metrics							
7.5.1	Recordable Incident Rate	2.76	1.02	0.89				
7.5.2	Lost-time Case Rate	0.52	0.26	0.22				
7.5.3	Days Away, Restricted, and Transfer (DART) Rate	1.39	0.57	0.47				
7.5.4	Work-related Fatalities	0.00	0.00	0.00				
<b>8</b>	<b>Fresh Water Resources</b>							
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	1.908E-06	1.23E-06	1.20E-06				
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	3.52E-05	3.16E-05	2.79E-05				
<b>9</b>	<b>Waste Products</b>							
9.1	Percent of Non-Hazardous Waste Diverted	39.9	28.1	45.4				
9.2	Percent of Coal Combustion Products Beneficially Used	30%	24%	25%				

**Additional Notes**

\*The emissions and generation data we have provided here is based on the EEI guidelines, with the exception that we removed the electricity associated with off-system sales — electricity that we sell into the market that does not serve our customers. We have adjusted for off-system sales at the system-average emissions intensity across the system (except where Certificates of Renewable Claims are attached to Special Electricity Products). Through this process, our results provide the most accurate picture of the carbon serving our customers and also those emissions associated with our aggressive goal of reducing emissions 60% by 2030. Further, the data provided makes up more than 90% of our emissions from electricity generation and is the area where we can make the biggest difference for our customers.

**Adjustment by year**                      4%                      9%                      9%                      4%                      8%                      8%

Note: Emissions and generation data provided for 2017 is based on current information available August 2018 and is updated from preliminary data published in Xcel Energy's Corporate Responsibility Report published May 22, 2018. 2017 information may continue to change slightly as it goes through third-party verification by the end of 2018.