

## EEI ESG/Sustainability Template – Quantitative Information

**Parent Company:** *Evergy, Inc.*  
**Operating Company(s):** *KCP&L, KCP&L Greater Missouri Operations Company, Westar Energy Inc.*  
**Business Type(s):** *vertically integrated*  
**State(s) of Operation:** *Kansas, Missouri*  
**State(s) with RPS Programs:** *MO, KS (voluntary)*  
**Regulatory Environment:** *Regulated*  
**Report Date:** *July-19*

	Baseline		
	2005	2017	2018
<b>Utility Portfolio</b>			
<b>Total Available Nameplate Generation Capacity at end of year (MW)</b>			
Coal	6,967	7,161	6,236
Natural Gas	4,427	5,016	4,263
Nuclear	1,162	1,218	1,218
Petroleum	690	690	690
Total Renewable Energy Resources	<b>66</b>	<b>3,227</b>	<b>3,520</b>
Biomass/Biogas	6	10	10
Hydroelectric	-	66	66
Solar	-	4	4
Wind	60	3,148	3,441
<b>Net Generation for the data year (MWh)</b>			
Coal	43,066,973	31,480,747	27,695,113
Natural Gas	1,596,503	1,834,769	2,698,045
Nuclear	8,291,688	10,009,125	8,618,192
Petroleum	991,388	41,561	73,481
Total Renewable Energy Resources	<b>326,788</b>	<b>11,288,658</b>	<b>11,633,542</b>
Biomass/Biogas	0	71,999	59,505
Hydroelectric	0	306,699	302,373
Solar	0	3,928	6,808
Wind	326,788	10,906,032	11,264,856
<b>Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>			
Total Annual Capital Expenditures (nominal dollars)	\$ -	\$764,645,000	\$ 1,069,700,000
Incremental Annual Savings from EE Measures (MWh, at end of year)	\$ -	318,181	166,977
Investment in EE Programs (nominal dollars, at end of year)	\$ -	\$40,340,800	\$22,473,758
Percent of Total Electric Customers with Smart Meters (at end of year)	-	82%	88%
<b>Retail Electric Customer Count (at end of year)</b>			
Commercial	-	186,793	188,700
Industrial	-	6,757	7,100
Residential	-	1,377,170	1,392,500

<b>Emissions</b>			
<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>			
<b>Owned Generation</b>			
Carbon Dioxide (CO2)			
Total Owned Generation CO2 Emissions (MT)	45,414,015	31,390,290	29,279,747
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.8368	0.5743	0.5773
Carbon Dioxide Equivalent (CO2e)			
Total Owned Generation CO2e Emissions (MT)	-	31,664,347	29,716,109
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	-	0.5794	0.5859
<b>Non-Generation CO2e Emissions</b>			
Fugitive CO2e emissions of sulfur hexafluoride (MT)	-	36,427	26,840
<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>			
		Total	
<b>Nitrogen Oxide (NOx)</b>			
Total NOx Emissions (MT)	87,225	14,092	13,189
Total NOx Emissions Intensity (MT/Net MWh)	0.0016	0.0003	0.0003
<b>Sulfur Dioxide (SO2)</b>			
Total SO2 Emissions (MT)	147,743	9,557	7,968
Total SO2 Emissions Intensity (MT/Net MWh)	0.0027	0.0002	0.0002
<b>Mercury (Hg)</b>			
Total Hg Emissions (kg)	-	82.68	91.0
Total Hg Emissions Intensity (kg/Net MWh)	-	0.0000015	0.000002

## Resources

### Human Resources

Total Number of Employees	-	4,979	4,832
Total Number on Board of Directors/Trustees	-	9	14
Total Women on Board of Directors/Trustees	-	2	4
Total Minorities on Board of Directors/Trustees	-	1	1
Employee Safety Metrics			
Recordable Incident Rate	3.16	1.53	1.52
Lost-time Case Rate	0.84	0.56	0.49
Days Away, Restricted, and Transfer (DART) Rate	1.87	1.03	1.02
Work-related Fatalities	0	0	2

### Fresh Water Resources

Water Withdrawals - Consumptive (Billions of Liters/MWh)	-	0.000002	0.000003
Water Withdrawals - Non-Consumptive (Billions of Liters/MWh)	-	0.000044	0.000029
Water Withdrawals - Total Withdrawal (Billions of Liters/MWh)	-	0.000045	0.000032

### Waste Products

Amount of Hazardous Waste Manifested for Disposal (short tons)	-	1.91	14.00
Coal Combustion Products Beneficially Used (short tons)	-	596,700	550,384