

EEI ESG/Sustainability Template – Quantitative Information

Parent Company: *Evergy, Inc.*
Operating Company(s): *Evergy Kansas Central, Evergy Metro, Evergy Missouri West*
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-20*

	Baseline			
	2005	2017	2018	2019
Utility Portfolio				
Total Available Nameplate Generation Capacity at end of year (MW)				
Coal	6,967	7,161	6,237	6,237
Natural Gas	4,427	5,016	4,263	4,263
Nuclear	1,162	1,218	1,218	1,218
Petroleum	690	690	690	690
Total Renewable Energy Resources	66	3,227	3,520	3,719
Biomass/Biogas	6	10	10	8
Hydroelectric	-	66	66	66
Solar	-	4	4	4
Wind	60	3,148	3,441	3,641
Net Generation for the data year (MWh)				
Coal	42,479,900	31,480,747	28,453,773	24,476,543
Natural Gas	1,596,503	1,834,769	2,698,045	2,913,292
Nuclear	8,291,688	10,009,125	8,618,192	8,692,870
Petroleum	990,527	41,561	74,726	81,767
Total Renewable Energy Resources	326,788	11,288,658	11,633,542	13,104,628
Biomass/Biogas	0	71,999	59,505	54,034
Hydroelectric	0	306,699	302,373	386,147
Solar	0	3,928	6,808	6,574
Wind	326,788	10,906,032	11,264,856	12,657,873
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters				
Total Annual Capital Expenditures (nominal dollars)	\$ -	\$ 764,645,000	\$1,069,700,000	\$ 1,210,100,000
Incremental Annual Savings from EE Measures (MWh, at end of year)	\$ -	318,181	166,977	192,100
Investment in EE Programs (nominal dollars, at end of year)	\$ -	\$ 40,340,800	\$22,473,758	\$24,806,125
Percent of Total Electric Customers with Smart Meters (at end of year)	-	82%	88%	97%
Retail Electric Customer Count (at end of year)				
Commercial	-	186,793	188,833	189,600
Industrial	-	6,757	6,679	7,000
Residential	-	1,377,170	1,391,129	1,407,700

Emissions				
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)				
Owned Generation				
Carbon Dioxide (CO2)				
Total Owned Generation CO2 Emissions (MT)	47,139,883	31,390,290	29,279,747	26,020,500
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.8781	0.5743	0.5943	0.5281
Carbon Dioxide Equivalent (CO2e)				
Total Owned Generation CO2e Emissions (MT)	-	31,664,347	29,716,109	26,434,630
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	-	0.5794	0.5773	0.5365
Non-Generation CO2e Emissions				
Fugitive CO2e emissions of sulfur hexafluoride (MT)	-	36,427	26,840	64,722
Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
Total				
Nitrogen Oxide (NOx)				
Total NOx Emissions (MT)	89,589	14,092	13,189	11,823
Total NOx Emissions Intensity (MT/Net MWh)	0.0017	0.0003	0.0003	0.0002
Sulfur Dioxide (SO2)				
Total SO2 Emissions (MT)	147,743	9,557	7,968	4,023
Total SO2 Emissions Intensity (MT/Net MWh)	0.0028	0.0002	0.0002	0.0001
Mercury (Hg)				
Total Hg Emissions (kg)	-	82.68	91.00	66.43
Total Hg Emissions Intensity (kg/Net MWh)	-	0.000002	0.0000018	0.000001

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	Baseline			
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Resources				
Human Resources				
Total Number of Employees	-	4,979	4,823	5642*
Percent Female Employees				24%
Percent People of Color Employees				14%
Percent Female Executives				26%
Percent People of Color Executives				5%
Total Number on Board of Directors/Trustees	-	9	14	15
Total Female Board of Directors/Trustees	-	2	4	4
Total People of Color on Board of Directors/Trustees	-	1	1	1
Employee Safety Metrics				
Recordable Incident Rate	3.16	1.53	1.52	1.57
Lost-time Case Rate	0.84	0.56	0.49	0.67
Days Away, Restricted, and Transfer (DART) Rate	1.87	1.03	1.02	1.05
Work-related Fatalities	0	0	2	0
Fresh Water Resources				
Water Withdrawals - Consumptive (Billions of Liters/MWh)	-	0.000002	0.000003	0.000001
Water Withdrawals - Non-Consumptive (Billions of Liters/MWh)	-	0.000044	0.000029	0.000017
Water Withdrawals - Total Withdrawal (Billions of Liters/MWh)	-	0.000045	0.000032	0.000018
Waste Products				
Amount of Hazardous Waste Manifested for Disposal (short tons)	-	1.91	14.00	43.72
Coal Combustion Products Beneficially Used (short tons)	-	596,700	550,384	514,353

*Wolf Creek Nuclear Operating Company employees added to headcount.