

EEI 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*
Reporting Year: *2024*

	Baseline	2022	2023	2024
Utility Portfolio				
Total Available Generation Capacity at end of year (MW)^a				
Coal-Hard	6,966	6,235	6,235	6,235
Natural Gas	4,459	4,145	4,145	4,295
Nuclear	1,162	1,219	1,219	1,219
Petroleum	690	685	685	685
Total Renewable Energy Resources	66	4,398	4,607	4,547
Biomass/Biogas	6	8	8	8
Hydroelectric	-	60	60	-
Solar	-	4	14	14
Wind	60	4,326	4,525	4,525
Net Generation for the data year (MWh)^{a b c}				
Coal-Hard	43,690,850	25,176,504	20,047,933	16,617,980
Natural Gas	1,596,503	2,758,307	4,012,980	5,794,013
Nuclear	8,291,688	8,443,041	9,683,753	8,651,972
Petroleum	991,235	114,021	99,655	115,634
Total Renewable Energy Resources	326,788	15,869,321	14,284,194	14,335,006
Biomass/Biogas	-	54,463	48,076	56,803
Hydroelectric	-	163,154	197,866	-
Solar	-	6,596	24,190	16,760
Wind	326,788	15,645,108	14,014,062	14,261,443
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters				
Total Annual Capital Expenditures (nominal dollars)	-	\$ 2,166,500,000	\$ 2,334,000,000	\$ 2,336,600,000
Incremental Annual Savings from EE Measures (MWh, at end of year)	-	174,103	59,304	78,972
Investment in EE Programs (nominal dollars, at end of year)	-	\$ 26,976,455	\$ 19,249,033	\$ 28,105,042
Percent of Total Electric Customers with Smart Meters (at end of year)	-	100%	100%	100%
Retail Electric Customer Count (at end of year)^d				
Commercial	-	199,559	199,248	199,800
Industrial	-	6,349	6,263	7,500
Residential	-	1,442,174	1,462,734	1,471,600

Emissions^e				
Scope 1 GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)				
Owned Generation				
Carbon Dioxide (CO2)				
Total Owned Generation CO2 Emissions (MT)	48,455,198	27,013,421	22,961,093	20,644,649
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh) ^{b c}	0.8827	0.5159	0.5045	0.4536
Carbon Dioxide Equivalent (CO2e)				
Total Owned Generation CO2e Emissions (MT)	-	27,520,109	23,340,388	20,906,788
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh) ^{b c}	-	0.5256	0.5128	0.4593
Total Scope 1 (CO2e)	-	27,520,109	23,340,388	20,906,788
Owned Generation + SF6 + refrigerant + vehicle fleet + comfort heating (MT)	-	27,594,888	23,429,233	20,958,294
Scope 2 GHG Emissions: Carbon Dioxide (CO2)				
Market Based	-	3,350	3,409	2,943
Scope 3 GHG Emissions: Carbon Dioxide (CO2)				
Total Scope 3 (MT) Business Travel and Employee Commuting	-	9,345	8,659	7,511
Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
Nitrogen Oxide (NOx)				
Total NOx Emissions (MT)	91,953	12,050	10,945	9,390
Total NOx Emissions Intensity (MT/Net MWh)	0.0017	0.0002	0.0002	0.0002
Sulfur Dioxide (SO2)				
Total SO2 Emissions (MT)	152,841	3,619	3,333	2,604
Total SO2 Emissions Intensity (MT/Net MWh)	0.0028	0.0001	0.0001	0.0001
Mercury (Hg)				
Total Hg Emissions (kg)	-	107	102	65
Total Hg Emissions Intensity (kg/Net MWh)	-	0.000002	0.000002	0.000001

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	Baseline			
	2005	2022	2023	2024
Resources				
Human Resources				
Total Number of Employees	-	4,513	4,658	4,731
Total Number on Board of Directors/Trustees	-	11	12	12
Employee Safety Metrics^f				
Recordable Incident Rate	3.16	0.73	1.30	1.49
Lost-time Case Rate	0.84	0.35	0.52	0.50
Days Away, Restricted, and Transfer (DART) Rate	1.87	0.46	0.89	1.14
Work-related Fatalities	0	0	0	0
Workforce Training Hours ^g	-	84,782	89,175	85,430
Total Workforce Cost ^h	-	\$ 957,227,503	\$ 771,427,825	\$ 851,240,880
Fresh Water Resources				
Water Withdrawals - Consumptive (Millions of Gallons)	-	15,198	14,661	16,756
Water Withdrawals - Non-Consumptive (Millions of Gallons)	-	302,386	254,410	307,575
Water Withdrawals - Consumptive Rate (Millions of Gallons/MWh)	-	0.0003	0.0003	0.0004
Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/MWh)	-	0.0058	0.0053	0.0068
Waste Products				
Amount of Hazardous Waste Manifested for Disposal (short tons)	-	2.65	3.58	11.13
Coal Combustion Products Beneficially Used (short tons)	-	374,542	394,921	282,437

- a) Adjusted for equity ownership share to reflect the percentage of output owned by reporting entity
- b) Net Generation values include Purchased Power Agreements
- c) Net Generation and Emissions Intensity values reported independent of Renewable Energy Credit (REC) sales and compliance retirements
- d) Customer counts calculated using December 31 month averages
- e) Scope 1, 2 and 3 emissions received independent third-party verification
- f) Safety metrics include all full-time employees
- g) Includes all required training
- h) Includes straight-time labor and compensated absences, over-time labor, part-time labor, incentives, severances, payroll accrual, other compensation, benefits, workman's compensation, and payroll taxes