

Sustainability Accounting Standards Board

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

Code	Topic	Accounting Metric	Category	Value
IF-EU-110a.1	Greenhouse Gas Emissions & Energy Resource Planning	(1) Gross global Scope 1 (metric tonnes (MT) CO2e)	Quantitative	20,906,788 ^a
		(2) Percent covered under emissions-limiting regulations	Quantitative	0.00%
		(3) Percent covered under emissions-reporting regulations	Quantitative	>99%
IF-EU-110a.2		Greenhouse gas (GHG) emissions associated with power deliveries (MT CO2e)	Quantitative	27,175 ^b
IF-EU-110a.3		Discussion of long-term and short term strategy or plan to manage Scope 1 emissions, emission reduction targets, and an analysis of performance against those targets.	Discussion & Analysis	Emissions and emissions reduction targets are discussed in Evergy's Sustainability Report accessible at https://investors.evergy.com/sustainability
IF-EU-120a.1		Air Quality ^b	(1) NOx MT, percent near dense population	Quantitative
	(2) SOx MT, percent near dense population		Quantitative	2,604 67.7%
	(3) PM10 MT, percent near dense population		Quantitative	1,139 80.0%
	(4) Pb MT, percent near dense population		Quantitative	0.0884 65.5%
	(5) Hg MT, percent near dense population		Quantitative	0.0653 90.6%
IF-EU-140a.1	Water Management	(1) total water withdrawn (thousand cubic meters), percent in high or extremely high baseline water stress	Quantitative	1,227,727 0%
		(2) total water consumed, percent in high or extremely high baseline water stress	Quantitative	63,429 0%
IF-EU-140a.2		Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Quantitative	0
IF-EU-140a.3		Description of water management risks and discussion of strategies and practices to mitigate those risks.	Discussion & Analysis	Evergy manages water risk associated with operations through a combination of water supply rights, water drought assurance contracts, and water conservation practices. Each Evergy facility has granted water rights and/or contracted rights in excess of amounts needed to fully operate. Where available and appropriate, potential drought needs are met through the additional contracting of assurance water from upstream water reservoirs. Evergy recognizes we are a significant water user in the region and is committed to not only securing water supply in all conditions but working to reduce water use through conservation and system modifications. Evergy monitors water utilization and continually evaluates and implements projects that reduce water use and impact.
IF-EU-150a.1		Amount of CCR generated MT, percent recycled	Quantitative	687,415 37%
IF-EU-150a.3		Description of coal combustion products (CCPs) management policies and procedures for active and inactive operations	Quantitative	Coal Combustion Products (CCPs) are managed at multiple Evergy facilities to meet compliance with all the requirements of the Federal Coal Combustion Residuals (CCR) Rule and state-issued Solid Waste Landfill Permits. Policies and procedures concerning the management of CCPs are articulated within compliance documents that can be found on Evergy's public CCR Rule Compliance Data and Information website at https://www.evergy.com/ccr/ .

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Hazard Potential					
	Less than Low	Low	Significant	High	Incised
Satisfactory		8	1		
Fair					
Poor					
Unsatisfactory					
Not Applicable					
IF-EU-240a.1	Energy Affordability	1)Average retail electric rate:residential	Quantitative	Evergy Missouri West: \$0.13/kWh; Evergy Metro (MO): \$0.14/kWh; Evergy Metro (KS): \$0.13/kWh; Evergy Kansas South: \$0.14/kWh; Evergy Kansas Central: \$0.14/kWh	
		2)Average retail electric rate: commercial	Quantitative	Evergy Missouri West: \$0.10/kWh; Evergy Metro (MO): \$0.10/kWh; Evergy Metro (KS): \$0.11/kWh; Evergy Kansas South: \$0.11/kWh; Evergy Kansas Central: \$0.11/kWh	
		3)average retail electric rate: industrial	Quantitative	Evergy Missouri West: \$0.07/kWh; Evergy Metro (MO): \$0.07/kWh; Evergy Metro (KS): \$0.10/kWh; Evergy Kansas South: \$0.08/kWh; Evergy Kansas Central: \$0.08/kWh	
IF-EU-240a.4		Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Discussion & Analysis	Evergy offers a variety of programs to assist our customers. Information is available in Evergy's Sustainability Report at https://investors.evergy.com/sustainability	
IF-EU-320a.1	Workforce Health & Safety	1)Total recordable incident rate (TRIR)	Quantitative	1.49	
		2)fatality rate	Quantitative	0	
		3)near miss frequency rate (NMFR)	Quantitative	1.41	
IF-EU-420a.2		Percent of MWh of electric load served by smart grid technology	Quantitative	94%	
IF-EU-420a.3		Customer electricity savings from efficiency measures by market (MWh)	Quantitative	Kansas: 19,669 MWh Missouri: 59,304 MWh	
IF-EU-540a.1	Nuclear Safety & Emergency Management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	Quantitative	Licensee Response: 1	
IF-EU-540a.2		Description of efforts to manage nuclear safety and emergency preparedness	Discussion & Analysis	https://www.nrc.gov/info-finder/reactors/wc	
IF-EU-550a.2	Grid Resiliency	1) SAIDI w/o MED, w/MED	Quantitative	95.76	308.93
		2)SAIFI w/o MED, w/MED	Quantitative	1.03	1.60
		3)CAIDI w/o MED, w/MED	Quantitative	92.91	193.14

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IF-EU-000.A	Activity Metric	1) Number of residential customers	Quantitative	1,471,600	
		2)Number of commerical customers	Quantitative	199,800	
		3)Number of industrial customers	Quantitative	7,500	
IF-EU-000.B		1) total electricity delivered: residential MWh	Quantitative	15,710,360	
		2)total electricity delivered: commercial MWh	Quantitative	18,275,249	
		3)total electricity delivered: industrial MWh	Quantitative	8,387,753	
		4)total electricity delivered: all other retail customers	Quantitative	100,741	
		5)total electricity delivered: wholesale	Quantitative	13,961,985	
IF-EU-000.C		1)Length of transmission lines km	Quantitative	16,254	
		2)Length of distribution lines km	Quantitative	98,009	
IF-EU-000.D		Total Electricity Generated, percent in regulated markets	Quantitative	45,514,606	100%
		Percent Coal-Hard	Quantitative	36.72%	
		Percent Nuclear	Quantitative	7.18%	
		Percent Natural Gas	Quantitative	25.29%	
		Percent Oil	Quantitative	4.04%	
	Percent Hydro (units> 10MW)	Quantitative	0.00%		
	Percent Wind	Quantitative	26.65%		
	Percent Other renewables:solar and biogas	Quantitative	0.13%		
IF-EU-000.E	Total wholesale electricity purchased MWh	Quantitative	10,921,481		

All emission values, water use and total generation are provided on a percent ownership basis

a) Scope 1 emissions received independent third-party verification

b) This number represents SF6 leaks from transmission and distribution equipment and is included in the Scope 1 total