

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: 2023

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	23,429,233 ^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	65,439 ^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 ESG Sustainability Report accessible at https://investors.evergy.com/sustainability		
IF-EU-110a.4		(1) Number of customers served in markets subject to renewable portfolio standards (RPS) and	Quantitative	Approximately 650,000 customers located in Missouri		
		(2) percentage fulfillment of RPS target by market	Quantitative	100%		
IF-EU-120a.1	Air Quality ^b	(1) NOx MT, percent near dense population	Quantitative	9,871	68.6%	
		(2) SOx MT, percent near dense population	Quantitative	3,333	73.2%	
		(3)PM10 MT, percent near dense population	Quantitative	1,065	69.6%	
		(4) Pb MT, percent near dense population	Quantitative	0.2530	85.4%	
		(5) Hg MT, percent near dense population	Quantitative	0.1016	63.7%	
IF-EU-140a.1	Water Management	(1) total water withdrawn (thousand cubic meters), percent in high or extremely high baseline water stress	Quantitative	1,018,545	0%	
		(2) total water consumed, percent in high or extremely high baseline water stress	Quantitative	55,500	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		Coal Ash Management	Amount of CCR generated MT, percent recycled	Quantitative	805,522	44%
IF-EU-150a.2			Total number of CCR impoundments, broken down by hazard potential classification and structural integrity assessment	Quantitative	Units that have completed Closure by Removal (CBR) are not included in the numbers as CBR units are no longer CCR impoundments per the rule.	

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Hazard Potential					
	Less than Low	Low	Significant	High	Incised
Satisfactory		7			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: \$0.13/kWh; Evergy Kansas Central: \$0.13/kWh	
		2)Average retail electric rate: commercial	Quantitative	Evergy Missouri West: \$0.09/kWh; Evergy Metro (MO): \$0.10/kWh; Evergy Metro (KS): \$0.10/kWh; Evergy Kansas South: \$0.10/kWh; Evergy Kansas Central: \$0.10/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: \$0.07/kWh	
IF-EU-240a.2		1)typical monthly bill for residential 500 kWh	Quantitative	Evergy Missouri West: \$74.46; Evergy Metro (MO): \$79.65; Evergy Metro (KS): \$69.89; Evergy Kansas (South & Central): \$76.65;	
		2)typical monthly bill for residential 1,000 kWh	Quantitative	Evergy Missouri West: \$126.04; Evergy Metro (MO): \$134.49; Evergy Metro (KS): \$125.53; Evergy Kansas (South & Central): \$138.33;	
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. Access Evergy's ESG Sustainability Report at https://investors.evergy.com/sustainability
IF-EU-320a.1	Workforce Health & Safety	1)Total recordable incident rate (TRIR)	Quantitative	1.30	
		2)fatality rate	Quantitative	0	
		3)near miss frequency rate (NMFR)	Quantitative	1.77	
IF-EU-420a.1	End-Use Efficiency & Demand	1) are decoupled and 2)contain a lost revenue adjustment mechanism (LRAM)	Quantitative	0%	0%
IF-EU-420a.2		Percent of MWh of electric load served by smart grid technology	Quantitative	91%	
IF-EU-420a.3		Customer electricity savings from efficiency measures by market (MWh)	Quantitative	Kansas: 0 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 Comission (NRC) Action Matrix Column	Quantitative	Licensee Response: 1	
IF-EU-540a.2		Decription of efforts to manage nuclear safety and emergency preparedness	Discussion & Analysis	nrc.gov/info-finder/reactors/wc	

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IF-EU-550a.2	Grid Resiliency	1) SAIDI w/o MED, w/MED	Quantitative	94.47	279.18	
		2)SAIFI w/o MED, w/MED	Quantitative	1.01	1.34	
		3)CAIDI w/o MED, w/MED	Quantitative	93.83	208.78	
IF-EU-000.A	Activity Metric	1) Number of residential customers	Quantitative	1,462,734		
		2)Number of commercial customers	Quantitative	199,248		
		3)Number of industrial customers	Quantitative	6,263		
IF-EU-000.B		1) total electricity delivered: residential MWh	Quantitative	15,721,296		
		2)total electricity delivered: commercial MWh	Quantitative	18,109,408		
		3)total electricity delivered: industrial MWh	Quantitative	8,462,245		
		4)total electricity delivered: all other retail customers	Quantitative	119,430		
		5)total electricity delivered: wholesale	Quantitative	15,134,442		
IF-EU-000.C		1)Length of transmission lines km	Quantitative	16,415		
		2)Length of distribution lines km	Quantitative	97,848		
IF-EU-000.D		Total Electricity Generated, percent in regulated markets	Quantitative	48,128,515	100%	
		Percent Coal-Hard	Quantitative	36.80%		
		Percent Nuclear	Quantitative	7.19%		
		Percent Natural Gas	Quantitative	24.46%		
		Percent Oil	Quantitative	4.04%		
		Percent Hydro (units> 10MW)	Quantitative	0.35%		
		Percent Wind	Quantitative	27.01%		
		Percent Other renewables:solar and biogas	Quantitative	0.14%		
IF-EU-000.E		Total wholesale electricity purchased MWh	Quantitative	9,418,306		

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