

# 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*  
**Report Year:** *2019*

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	26,434,630
		(2) Percent covered under emissions-limiting regulations.	Quantitative	0.00%
		(3) Percent covered under emissions-reporting regulations.	Quantitative	100%
IF-EU-110a.2		Greenhouse gas (GHG) emissions associated with power deliveries (MT CO2e).	Quantitative	64,722
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	Please refer to page 4 our 2019 Sustainability Report, and page 10, 24 and 33 of our Annual Report. <a href="#">2019 Evergy Sustainability Report</a> <a href="#">2019 Annual Report</a>
IF-EU-110a.4		(1) Number of customers served in markets subject to renewable portfolio standards (RPS).	Quantitative	Approximately 620,000 customers located in Missouri
	(2) Percentage fulfillment of RPS target by market.	Quantitative	100%	
IF-EU-120a.1	Air Quality	(1) NOx MT, percent near dense population.	Quantitative	11,823 75%
		(2) SOx MT, percent near dense population.	Quantitative	4,023 80%
		(3)PM10 MT, percent near dense population.	Quantitative	1,500 84%
		(4) Pb MT, percent near dense population.	Quantitative	0.1492 68%
		(5) Hg MT, percent near dense population.	Quantitative	0.0664 69%
IF-EU-140a.1	Water Management	(1) Total water withdrawn (thousand cubic meters), percent in high or extremely high baseline water stress.	Quantitative	906,000 0%
		(2) Total water consumed, percent in high or extremely high baseline water stress.	Quantitative	67,000 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.

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IF-EU-150a.1	Coal Ash Management	Amount of CCR generated MT, percent recycled.	Quantitative	1,232,212 46%
IF-EU-150a.2		Total number of CCR impoundments, broken down by hazard potential classification and structural integrity assessment.	Quantitative	Note to the table below, one unit was certified closed on August 11, 2020.
<b>Hazard Potential</b>				
	Less than Low	Low	Significant	High Incised
	Satisfactory	8		5
	Fair			
	Poor			
	Unsatisfactory			
	Not Applicable			
IF-EU-240a.1	Energy Affordability	1)Average retail electric rate:residential.	Quantitative	Evergy Missouri West: \$0.11/kWh; Evergy Metro (MO): \$0.13/kWh; Evergy Metro (KS): \$0.12/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): \$0.08/kWh; Evergy Metro (KS): \$0.09/kWh; Evergy Kansas South: \$0.07/kWh; Evergy Kansas Central: \$0.08/kWh
IF-EU-240a.2		1)Typical monthly bill for residential 500 kWh.	Quantitative	Evergy Missouri West: \$42.39; Evergy Metro (MO): \$49.13; Evergy Metro (KS): \$51.61; Evergy Kansas (South & Central): \$36.00;
		2)Typical monthly bill for residential 1,000 kWh.	Quantitative	Evergy Missouri West: \$95.55; Evergy Metro (MO): \$106.70; Evergy Metro (KS): \$106.99; Evergy Kansas (South & Central): \$96.12;
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
IF-EU-320a.1	Workforce Health & Safety	1)Total recordable incident rate (TRIR)	Quantitative	1.57
		2)Fatality rate	Quantitative	0
		3)Near miss frequency rate (NMFR)	Quantitative	4.80
IF-EU-420a.1	End-Use Efficiency & Demand	Percent of electric utility revenues from rate structures that 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	73%
IF-EU-420a.3		Customer electricity savings from efficiency measures by market (MWh).	Quantitative	Missouri: 192,099
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	<a href="http://nrc.gov/info-finder/reactors/wc.html">nrc.gov/info-finder/reactors/wc.html</a>

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IF-EU-550a.2	Grid Resiliency	1) SAIDI w/o MED, w/MED.	Quantitative	101.67	334.44	
		2)SAIFI w/o MED, w/MED.	Quantitative	1.005	1.396	
		3)CAIDI w/o MED, w/MED.	Quantitative	101.15	238.41	
IF-EU-000.A	Activity Metric	1) Number of residential customers.	Quantitative	1,407,700		
		2)Number of commerical customers.	Quantitative	189,600		
		3)Number of industrial customers.	Quantitative	7,000		
IF-EU-000.B		1) Total electricity delivered: residential MWh.	Quantitative	15,492,427		
		2)Total electricity delivered: commercial MWh.	Quantitative	18,295,030		
		3)Total electricity delivered: industrial MWh.	Quantitative	8,570,040		
		4)Total electricity delivered: all other retail customers.	Quantitative	138,921		
		5)Total electricity delivered: wholesale.	Quantitative	14,399,647		
IF-EU-000.C		1)Length of transmission lines km.	Quantitative	12,646		
		2)Length of distribution lines km.	Quantitative	84,134		
IF-EU-000.D		Total Electricity Generated, percent in regulated markets.	Quantitative	49,269,100	100%	
		Percent Coal	Quantitative	49.68%		
		Percent Nuclear	Quantitative	17.64%		
		Percent Natural Gas	Quantitative	5.91%		
		Percent Oil	Quantitative	0.17%		
		Percent Hydro (units> 10MW)	Quantitative	0.78%		
		Percent Wind	Quantitative	25.69%		
		Percent Other renewables:solar and biogas	Quantitative	0.12%		
IF-EU-000.E		Total wholesale electricity purchased MWh.	Quantitative	7,626,965		

*All emission values and total generation are provided on a percent ownership basis.*