



Sustainability Accounting Standards Board (SASB) Report



Ameren Corporation – Sustainability Accounting Standards Board (SASB) Report

SASB standards are designed to provide stakeholders with useful information regarding Environmental, Social and Governance (ESG) topics. This report is Ameren's first year of mapping to the SASB standards for the Electric Utilities & Power Generators and Gas Utilities & Distributors. This report reflects year-end 2019 data.

Ameren Corporation operates in both Missouri and Illinois. Unless otherwise noted, our response is for Ameren Corporation.

Electric Utilities & Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
Greenhouse Gas Emissions & Energy Resource Planning	IF-EU-110a.1	1) Gross global Scope 1 emissions, percentage covered under 2) Emissions-limiting regulations, and 3) Emissions-reporting regulations	1) 24,413,651 metric tons (MT) carbon-dioxide equivalent (CO _{2e}) 2) Not reported 3) >99% 2020 CDP Climate Change
	IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries	24,268,687 MT CO _{2e} 2020 EEI AGA ESG/Sustainability Template
	IF-EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reductions targets, and an analysis of performance against those targets	2020 Ameren Missouri Integrated Resource Plan Summary
	IF-EU-110a.4	1) Number of customers served in markets subject to renewable portfolio standards (RPS) and 2) Percentage of fulfillment of RPS target by market	Ameren Illinois: 1) 1.2 million 2) 2% ¹ Ameren Missouri: 1) 1.2 million 2) 100%

¹For 2019, the method used to calculate was based on the percentage of delivered and retired Renewable Energy Credits (RECs) divided by the total Ameren Illinois load.

Electric Utilities & Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
Air Quality	IF-EU-120a.1	Air emissions of the following pollutants: 1) NOx (excluding N ₂ O) 2) SOx 3) Particulate matter (PM10) 4) Lead 5) Mercury (Hg)	1) 13,026 MT 2) 46,458 MT 3) 2,868 MT 4) 0.17 MT 5) 94 MT 2020 EEI AGA ESG/Sustainability Template
	IF-EU-140a.1	1) Total water withdrawn 2) Total water consumed Percentage of each in regions with high or extremely high baseline water stress	1) 70,566,983 Megaliters/year 2) 35,828 Megaliters/year No water withdrawals from areas with water stress 2020 CDP Water Security
Water Management	IF-EU-140a.2	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Zero water quality incidents that resulted in formal enforcement action
	IF-EU-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	2020 CDP Water Security
Coal Ash Management	IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated, percentage recycled	731,085 MT, 57% recycled 2020 EEI AGA ESG/Sustainability Template
	IF-EU-150a.2	Total number of CCR impoundments, broken down by hazard potential classification and structural integrity assessment	Managing CCRs

Electric Utilities & Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
Energy Affordability	IF-EU-240a.1	Average retail electric rate for ¹ : 1) Residential, 2) Commercial, and 3) Industrial customers	Ameren Illinois: 1) \$0.1029/kilowatt-hour (kWh) 2) \$0.0785/kWh 3) \$0.0454/kWh Ameren Missouri: 1) \$0.0995/kWh 2) \$0.0762/kWh 3) \$0.0621/kWh
	IF-EU-240a.2	Typical monthly electric bill for residential customers for 1) 500 kWh and 2) 1,000 kWh of electricity delivered per month	Ameren Illinois: 1) \$55.40 2) \$93.72 Ameren Missouri: 1) \$57.82 2) \$102.02
	IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	Ameren Illinois: 93,309 75% Ameren Missouri: 75,978 77%
	IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
Workforce Health & Safety	IF-EU-320a.1	1) Total recordable incident rate (TRIR), 2) Fatality rate, and 3) Near miss frequency rate (NMFR)	1) 1.25 2) 0 3) Not reported 2020 EEI AGA ESG/Sustainability Template
End-Use Efficiency Demand	IF-EU-420a.1	Percentage of electric utility revenues from rate structures that 1) Are decoupled and 2) Contain a lost revenue adjustment mechanism (LRAM)	Ameren Illinois: 1) 100% 2) No LRAM Ameren Missouri: 1) No decoupling 2) 98.5%
	IF-EU-420a.2	Percentage of electric load served by smart grid technology	50% 2020 EEI AGA ESG/Sustainability Template

¹Rate shown is the average of 12-month period ending on December 31, 2019.

Electric Utilities & Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
End-Use Efficiency Demand	IF-EU-420a.3	Customer electricity savings from energy efficiency measures, by market	Ameren Illinois: 333,324 Megawatt-hour (MWh) Ameren Missouri: 390,707 MWh 2020 EEI AGA ESG/Sustainability Template
Nuclear Safety & Emergency Management	IF-EU-540a.1	Total number of nuclear power plant units, broken down by US Nuclear Regulatory Commission (NRC) Action Matrix Column	1 Ameren Corporation Form 10-K for the year ended Dec 31, 2019
	IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
Grid Resiliency	IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	There were no material violations identified due to non-compliance with the various cybersecurity standards or regulations. The results of our internal, external, and regulatory assessments have routinely demonstrated a high-degree of integrity in our risk, security, and governance practices because of an unwavering focus, direct investment, and prioritization across our cybersecurity program to protect Ameren's assets, customer data, and critical utility services. Additionally, the results of these assessments and audits along with the broader Ameren cybersecurity program and practices are routinely shared with Ameren's management and the Board of Directors.
	IF-EU-550a.2	1) System Average Interruption Duration Index (SAIDI), 2) System Average Interruption Frequency Index (SAIFI), and 3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	1) 180 2) 1.14 3) 157

Electric Utilities & Power Generators

Topic	SASB Code	Accounting Metric	1) Ameren Response (2019)
Activity Metrics	IF-EU-000.A	Number of 1) Residential, 2) Commercial, and 3) Industrial customers served	2) 2,125,169 3) 322,594 4) 4,817 2020 EEI AGA ESG/Sustainability Template
Activity Metrics	IF-EU-000.B	Total electricity delivered to 1) Residential, 2) Commercial, 3) Industrial 4) All other retail customers, and 5) Wholesale customers	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
	IF-EU-000.C	Length of transmission and distribution lines	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
	IF-EU-000.D	Total electricity generated, percentage by major source, and percentage in regulated markets	2020 EEI AGA ESG/Sustainability Template
	IF-EU-000.E	Total wholesale electricity purchased	11,751,484,263 kWh

Gas Utilities & Distributors

Gas Utilities & Distributors

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
Energy Affordability	IF-GU-240a.1	Average retail gas rate for ¹ : 1) Residential, 2) Commercial, 3) Industrial customers, and 4) Transportation services only	Ameren Illinois: 1) \$0.942/Therm 2) \$0.818/Therm 3) \$0.334/Therm 4) \$0.063/Therm Ameren Missouri: 1) \$1.048/Therm 2) \$0.842/Therm 3) \$1.143/Therm 4) \$0.206/Therm
	IF-GU-240a.2	Typical monthly gas bill for residential customers for 1) 50 MMBtu and 2) 100 MMBtu of gas delivered per year	Ameren Illinois: 1) \$49.50 2) \$77.15 Ameren Missouri: 1) \$44.40 2) \$73.81
	IF-GU-240a.3	Number of residential customer gas disconnections for non-payment, percentage reconnected within 30 days	Ameren Illinois: 5,806 51% Ameren Missouri: 1,733 32%
	IF-GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
End-Use Efficiency	IF-GU-420a.1	Percentage of gas utility revenues from rate structures that 1) Are decoupled or 2) Contain a lost revenue adjustment mechanism (LRAM)	Ameren Illinois: 1) 88.5% 2) No LRAM Ameren Missouri: 1) 81.6% 2) No LRAM
	IF-GU-420a.2	Customer gas savings from efficiency measures by market	Ameren Illinois: 418,815 Million British Thermal Unit (MMBtu) Ameren Missouri: 42,349 MMBtu

¹Rate shown is the average of 12-month period ending on December 31, 2019.

Topic	SASB Code	Accounting Metric	Ameren Response (2019)
Integrity of Gas Delivery Infrastructure	IF-GU-540a.1	Number of 1) Reportable pipeline incidents, 2) Corrective Action Orders (CAO), and 3) Notices of Probable Violation (NOPV)	Ameren Illinois: 1) 1 2) 0 3) 8 Ameren Missouri: 1) 0 2) 0 3) 9
	IF-GU-540a.2	Percentage of distribution pipeline that is 1) Cast and/or wrought iron and 2) Unprotected steel	1) 0 2) 0.001% 2020 EEI AGA ESG/Sustainability Template
	IF-GU-540a.3	Percentage of gas 1) Transmission and 2) Distribution pipelines inspected	Ameren Illinois: 1) 6.2% 2) 26% Ameren Missouri: 1) 0% 2) 33%
	IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
Activity Metrics	IF-GU-000.A	Number of 1) Residential, 2) Commercial, and 3) Industrial customers served	1) 862,061 2) 80,909 3) 1,538
	IF-GU-000.B	Amount of natural gas delivered to 1) Residential customers, 2) Commercial customers, 3) Industrial customers, and 4) Transferred to a third party	Ameren Corporation Form 10-K for the year ended Dec 31, 2019
	IF-GU-000.C	Length of gas 1) Transmission and 2) Distribution pipelines	Ameren Corporation Form 10-K for the year ended Dec 31, 2019