



# **Sustainability Accounting Standards Board (SASB) Report**

**2021 DATA**





## 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 maps Ameren information to the SASB standards for the Electric Utilities & Power Generators and Gas Utilities & Distributors. This report reflects year-end 2021 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 (2021)
<b>Greenhouse Gas Emissions &amp; Energy Resource Planning</b>	IF-EU-110a.1	1) Gross global Scope 1 emissions, percentage covered under 2) Emissions-limiting regulations, and 3) Emissions-reporting regulations	1) 28,229,889 metric tons (MT) carbon-dioxide equivalent (CO <sub>2</sub> e) 2) Not reported 3) >99%  <a href="#">2022 CDP Climate Change (p.33)</a>
	IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries	27,981,535 MT CO <sub>2</sub> e  <a href="#">2022 EEI AGA ESG/ Sustainability Template(p.13)</a>
	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	<a href="#">2022 Climate Risk Report (p.9)</a>
	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) 23.7%  Ameren Missouri: 1) 1.2 million 2) 100%

## Electric Utilities &amp; Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2021)
Air Quality	IF-EU-120a.1	Air emissions of the following pollutants: 1) NOx (excluding N <sub>2</sub> O) 2) SOx 3) Particulate matter (PM10) 4) Lead 5) Mercury (Hg)	1) 15,375 MT 2) 58,985 MT 3) 3,008 MT 4) 0.23 MT 5) 0.116 MT  <a href="#">2022 EEI AGA ESG/Sustainability Template (p. 13 &amp; 14; for (1), (2), (5))</a>
	IF-EU-140a.1	1) Total water withdrawn 2) Total water consumed  Percentage of each in regions with high or extremely high baseline water stress	1) 62,974,848 Megaliters/year 2) 18,490 Megaliters/year  No water withdrawals from areas with water stress  <a href="#">2022 CDP Water Security (p. 14-17)</a>
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	<a href="#">2022 CDP Water Security (p. 48)</a>
Coal Ash Management	IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated, percentage recycled	835,336 MT, 73% recycled  <a href="#">2022 EEI AGA ESG/Sustainability Template (p.14)</a>
	IF-EU-150a.2	Total number of CCR impoundments, broken down by hazard potential classification and structural integrity assessment	<a href="#">Managing CCRs</a>

## Electric Utilities &amp; Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2021)
<b>Energy Affordability</b>	IF-EU-240a.1	Average retail electric rate per kilowatt hour (kWh) for <sup>1</sup> : 1) Residential, 2) Commercial, and 3) Industrial customers	Ameren Illinois: 1) \$0.1048/kWh 2) \$0.0851/kWh 3) \$0.0597/kWh  Ameren Missouri: 1) \$0.1036/kWh 2) \$0.0780/kWh 3) \$0.0640/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) \$59.39 2) \$103.06  Ameren Missouri: 1) \$60.36 2) \$107.22
	IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	Ameren Illinois: 53,500 74%  Ameren Missouri: 66,857 82%
	IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.23)</a>
<b>Workforce Health &amp; Safety</b>	IF-EU-320a.1	1) Total recordable incident rate (TRIR), 2) Fatality rate, and 3) Near miss frequency rate (NMFR)	1) 1.05 2) 0 3) Not reported  <a href="#">2022 EEI AGA ESG/Sustainability Template (p.14)</a>
<b>End-Use Efficiency Demand</b>	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) 98.6%
	IF-EU-420a.2	Percentage of electric load served by smart grid technology	Ameren Illinois: 100%  Ameren Missouri: 38%

<sup>1</sup> Rate shown is the average of 12-month period ending on December 31, 2021.

## Electric Utilities &amp; Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2021)
<b>End-Use Efficiency Demand</b>	IF-EU-420a.3	Customer electricity savings from energy efficiency measures (in Megawatt Hour (MWh), by market	<p>Ameren Illinois: 356,563 MWh</p> <p>Ameren Missouri: 366,941 MWh</p> <p><a href="#">2022 EEI AGA ESG/Sustainability Template (p. 16 &amp; 20)</a></p>
<b>Nuclear Safety &amp; Emergency Management</b>	IF-EU-540a.1	Total number of nuclear power plant units, broken down by US Nuclear Regulatory Commission (NRC) Action Matrix Column	<p>1</p> <p><a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p. 29)</a></p>
	IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.45)</a>
<b>Grid Resiliency</b>	IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	<p>There were no material violations identified due to non-compliance with the various cybersecurity standards or regulations.</p> <p>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.</p>
	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) 243 2) 1.06 3) 230

## Electric Utilities &amp; Power Generators

Topic	SASB Code	Accounting Metric	Ameren Response (2021)
Activity Metrics	IF-EU-000.A	Number of 1) Residential, 2) Commercial, and 3) Industrial customers served	1) 2,140,462 2) 327,719 3) 4,665  <a href="#">2022 EEI AGA ESG/Sustainability Template (p.12)</a>
	IF-EU-000.B	Total electricity delivered to 1) Residential, 2) Commercial, 3) Industrial 4) All other retail customers, and 5) Wholesale customers	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.22)</a>
Activity Metrics	IF-EU-000.C	Length of transmission and distribution lines	Transmission: 3,109 circuit miles Ameren Missouri 4,659 circuit miles Ameren Illinois 545 circuit miles Ameren Transmission  Distribution: 33,656 circuit miles Ameren Missouri 45,890 circuit miles Ameren Illinois  <a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.37)</a>
	IF-EU-000.D	Total electricity generated, percentage by major source, and percentage in regulated markets	<a href="#">2022 EEI AGA ESG/Sustainability Template (p.12)</a>
	IF-EU-000.E	Total wholesale electricity purchased	11,365,454,131 kWh

## Gas Utilities &amp; Distributors

## Gas Utilities &amp; Distributors

Topic	SASB Code	Accounting Metric	Ameren Response (2021)
<b>Energy Affordability</b>	IF-GU-240a.1	Average retail gas rate for <sup>2</sup> : 1) Residential, 2) Commercial, 3) Industrial customers, and 4) Transportation services only	Ameren Illinois: 1) \$1.2118/Therm 2) \$1.0919/Therm 3) \$0.8025/Therm 4) \$0.0785/Therm  Ameren Missouri: (1) \$1.1840/Therm (2) \$0.9664/Therm (3) \$0.7442/Therm (4) \$0.1530/Therm
	IF-GU-240a.2	Typical monthly gas bill for residential customers for 1) 50 Million British Thermal Units (MMBtu) and 2) 100 MMBtu of gas delivered per year <sup>3</sup>	Ameren Illinois: 1) \$65.12 2) \$110.58  Ameren Missouri: 1) \$59.66 2) \$104.32
	IF-GU-240a.3	Number of residential customer gas disconnections for non-payment, percentage reconnected within 30 days <sup>4</sup>	Ameren Illinois: 11,532 12%  Ameren Missouri: 2,006 30%
	IF-GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.24)</a>
<b>End-Use Efficiency</b>	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) 88.4% 2) No LRAM  Ameren Missouri: 1) 80.8% 2) No LRAM
	IF-GU-420a.2	Customer gas savings from efficiency measures by market	Ameren Illinois: 340,712 MMBtu Ameren Missouri: 39,377 MMBtu

<sup>2</sup> Rate shown is the average of 12-month period ending on December 31, 2021.

<sup>3</sup> Monthly bills were calculated by dividing delivered gas units (50 and 100 MMBtu) by 12 to get monthly amounts and multiplying by the gas rate active in that month during 2021. There is no block or seasonal gas pricing.

<sup>4</sup> Total Gas cuts and reconnect % include estimated portions of combo accounts (gas and electric combined) that related to gas only. Combo account reconnects were subtracted from total combo account cuts to estimate a representative value of additional gas cuts.



Topic	SASB Code	Accounting Metric	Ameren Response (2021)
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) 1  Ameren Missouri: 1) 0 2) 0 3) 2
	IF-GU-540a.2	Percentage of distribution pipeline that is 1) Cast and/or wrought iron and 2) Unprotected steel	1) 0% (both AIC & AMO)  <a href="#">2022 EEI AGA ESG/Sustainability Template (p.27)</a>
	IF-GU-540a.3	Percentage of gas 1) Transmission and 2) Distribution pipelines inspected	Ameren Illinois: 1) 21.6% 2) 29.1%  Ameren Missouri: 1) 0% 2) 38%
	IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.31)</a>
Activity Metrics	IF-GU-000.A	Number of 1) Residential, 2) Commercial, and 3) Industrial customers served	1) 866,867 2) 81,006 3) 1,548  <a href="#">2022 EEI/AGA ESG/Sustainability Template (p.27)</a>
	IF-GU-000.B	Amount of natural gas delivered to 1) Residential customers, 2) Commercial customers 3) Industrial customers, 4) Transferred to a third party	<a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.23)</a>
	IF-GU-000.C	Length of gas 1) Transmission and 2) Distribution pipelines	Transmission & Distribution: 3,480 Ameren Missouri 18,620 Ameren Illinois  <a href="#">Ameren Corporation Form 10-K for the year ended Dec 31, 2021 (p.37)</a>