

Sustainability Accounting Standards Board

The Sustainability Accounting Standards Board (SASB) provides a reporting framework with industry-specific disclosure standards for sustainability topics. These standards are intended to provide investors with decision-useful sustainability information. We provide responses below for calendar year 2021 for both the Electric Utilities & Power Generators and Gas Utilities & Distributors sectors. Most data in this index address calendar year 2021, in coordination with our most recent [ESG Report](#).

Note that 10-K and Annual Report page numbers listed correspond with Adobe program numbering to allow for easy searchability.

Electric Utilities & Power Generation

| SASB Code | Accounting Metric | Response |
|--|---|--|
| Greenhouse Gas Emissions and Energy Resource Planning | | |
| IF-EU-110a.1 | Scope 1 emissions | <i>Scope 1 Emissions</i> in Environmental Performance Metrics Climate Change CDP 2020 Climate Report , page 20 |
| | Percentage covered under emissions-limiting regulations | 0% |
| | Percentage covered under emissions-reporting regulations | 100% |
| IF-EU-110a.2 | Greenhouse gas (GHG) emissions associated with power deliveries | <i>Emissions from Electric Generation</i> in Environmental Performance Metrics Climate Change CDP , section C7 2020 Climate Report , pages 20-21 |
| IF-EU-110a.3 | Discussion of emissions reduction strategies | 2021 Annual Report , pages 5-9 Carbon, methane and electric vehicle goals in the <i>Environmental</i> section of ESG Goals Clean Energy Transition Our Purpose A Message from our CSO Energy Storage Nuclear Environmental Clean Energy Transition Low Emission Vehicles Global Climate Change 2020 Climate Report Climate Change CDP We estimate that our climate goals cover approximately 99% of total scope 1 and 2 emissions. |

| SASB Code | Accounting Metric | Response |
|-------------------------|---|---|
| IF-EU-110a.4 | Number of customers served in markets subject to renewable portfolio standards (RPS) and fulfillment | North Carolina, where we serve about 3.5 million customers, is the only state among our regulated service territories with an RPS. We meet the standard with owned and purchased renewables. |
| Air Quality | | |
| IF-EU-120a.1 | Air Emissions | |
| | NOx and SO ₂ | <i>Emissions from Electric Generation</i> in Environmental Performance Metrics |
| | Particulate Matter (PM ₁₀) | Emissions in short tons: 2018: 9,092 2019: 7,684 2020: 1,913 2021: 2,050 |
| | Lead (Pb) | Emissions in short tons: 2018: 1.53 2019: 1.00 2020: 0.56 2021: 0.59 |
| | Mercury (Hg) | Global Reporting Initiative index , number 305-7 |
| Water Management | | |
| IF-EU-140a.1 | Water withdrawn, water consumed and percentage from water-stressed areas | <i>Water Withdrawn and Consumed for Electric Generation</i> in Environmental Performance Metrics (none are from water-stressed areas based on the Falkenmark indicator) |
| IF-EU-140a.2 | Number of incidents of noncompliance associated with water quantity and/or quality permits, standards and regulations | <i>Environmental Regulatory Citations</i> in Environmental Performance Metrics (two of the eight total citations were water-related compliance issues) |
| IF-EU-140a.3 | Description of water management risks and discussion of strategies and practices to mitigate those risks | Water goals in the <i>Environmental</i> section of ESG Goals <i>Water Withdrawn and Consumed for Electric Generation</i> in Environmental Performance Metrics Water Protecting Aquatic Habitats Water Security CDP 2020 Climate Report , pages 12-14 Hydroelectric Relicensing (includes extensive and far-reaching stakeholder initiatives to manage water risks in cooperation with a wide variety of stakeholders in various river basins) Drought Management Advisory Groups |

| SASB Code | Accounting Metric | Response |
|-----------------------------|---|--|
| Coal Ash Management | | |
| IF-EU-150a.1 | Amount of coal combustion residuals (CCR) generated, percentage recycled | Approximately 3,813,000 tons of CCRs were generated and 80% was recycled. |
| IF-EU-150a.2 | Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment | CCR Rule Compliance Data & Information Coal Ash Basin Closure Progress Coal Ash Management |
| Energy Affordability | | |
| IF-EU-240a.1 | Average retail electric rate for (1) residential, (2) commercial and (3) industrial customers | Duke Energy's Electric Rates |
| IF-EU-240a.2 | Typical monthly electric bill for residential customers for 500 kWh of electricity delivered per month | Duke Energy Kentucky: \$60.06 Duke Energy Carolinas-NC: \$60.14 Duke Energy Ohio: \$62.88 Duke Energy Indiana: \$76.08 Duke Energy Progress-SC: \$67.32 Duke Energy Carolinas-SC: \$65.65 Duke Energy Progress-NC: \$69.21 Duke Energy Florida: \$72.04 National Average: ¹ \$66.67 <i>¹Source: Edison Electric Institute Typical Bills and Average Rates Reports, Summer 2021</i> |
| | Typical monthly electric bill for residential customers for 1,000 kWh of electricity delivered per month | Duke Energy Kentucky: \$106.05 Duke Energy Carolinas-NC: \$105.34 Duke Energy Indiana: \$129.45 Duke Energy Ohio: \$117.58 Duke Energy Progress-NC: \$124.89 Duke Energy Progress-SC: \$120.53 Duke Energy Carolinas-SC: \$118.68 Duke Energy Florida: \$132.34 National Average: ¹ \$119.36 <i>¹Source: Edison Electric Institute Typical Bills and Average Rates Reports, Summer 2021</i> |
| IF-EU-240a.3 | Number of residential customer electric disconnections for nonpayment, percentage reconnected within 30 days | We do not publish those numbers, but we do provide customer assistance programs. Customer Experience Customer Assistance Programs |

| SASB Code | Accounting Metric | Response |
|--|---|---|
| IF-EU-240a.4 | Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory | ESG Goals Key Stakeholder Issues A Message from Our CEO Communities Energy Equity |
| Workforce Health and Safety | | |
| IF-EU-320a.1 | Occupational safety statistics | Safety Employee goals in the <i>Social</i> section of ESG Goals Human Capital Management Compensation: Based on Performance Metrics |
| End-Use Efficiency and 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 (RAM) | 76% |
| IF-EU-420a.2 | Percentage of electric load served by smart grid technology | 2021 Annual Report , page 7 |
| IF-EU-420a.3 | Customer electricity savings from efficiency measures, by market | Energy efficiency (programs vary by state and we provide information for each state on our website) Energy efficiency goals in the <i>Environmental</i> section of ESG Goals |
| Nuclear Safety and Emergency Management | | |
| IF-EU-540a.1 | Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column | 2021 Form 10-K , pages 11-14, 34 and 35 |
| IF-EU-540a.2 | Description of efforts to manage nuclear safety and emergency preparedness | Nuclear Preparedness Do you need to know your emergency planning zone? |
| Grid Resiliency | | |
| IF-EU-550a.1 | Number of incidents of noncompliance with physical security and/or cybersecurity standards or regulations | We do not disclose this information, but cybersecurity remains a critical issue for our industry and nation. Cybersecurity |

| SASB Code | Accounting Metric | Response |
|--------------|---|--|
| IF-EU-550a.2 | System Average Interruption Duration Index (SAIDI) | 2018: 164.3 2019: 138.8 2020: 138.4 2021: 126.0 |
| | System Average Interruption Frequency Index (SAIFI) | 2018: 1.18 2019: 1.11 2020: 1.15 2021: 1.06 |
| IF-EU-000.A | Number of: (1) residential, (2) commercial and (3) industrial customers served | <i>Electric Utilities and Infrastructure Quarterly Highlights</i> in our fourth-quarter 2021 Earnings Release , page 33 Duke Energy's ESG Summary |
| IF-EU-000.B | Total electricity delivered to: (1) residential, (2) commercial, (3) industrial, (4) all other retail customers and (5) wholesale customers | <i>Electric Utilities and Infrastructure Quarterly Highlights</i> in our fourth-quarter 2021 Earnings Release , page 33 Duke Energy's ESG Summary |
| IF-EU-000.C | Length of transmission and distribution lines | Duke Energy At A Glance |
| IF-EU-000.D | Total electricity generated, percentage by major energy source, percentage in regulated markets | Duke Energy At A Glance |
| IF-EU-000.D | Total wholesale electricity purchased | 30,571,913 megawatt-hours |

Gas Utilities and Distributors

| SASB Code | Accounting Metric | Response |
|-----------------------------|--|--|
| Energy Affordability | | |
| IF-GU-240a.1 | Average retail natural gas rate for residential customers | Piedmont Natural Gas-NC: ¹ \$1.63 Piedmont Natural Gas-SC: ¹ \$1.27 Piedmont Natural Gas-TN: ¹ \$1.26 Duke Energy Ohio: ² \$1.30 Duke Energy Kentucky: ² \$1.28 <i>The following units are utilized by our state regulatory commissions:</i> ¹ Average rate per therm ² Average rate per CCF |
| | Average retail natural gas rate for commercial customers | Piedmont Natural Gas-NC: ¹ \$1.13 Piedmont Natural Gas-SC: ¹ \$1.02 Piedmont Natural Gas-TN: ¹ \$1.09 Duke Energy Ohio: ² \$1.13 Duke Energy Kentucky: ² \$0.88 <i>The following units are utilized by our state regulatory commissions:</i> ¹ Average rate per therm ² Average rate per CCF |
| | Average retail natural gas rate for industrial customers | Piedmont Natural Gas-NC: ¹ \$0.54 Piedmont Natural Gas-SC: ¹ \$0.63 Piedmont Natural Gas-TN: ¹ \$0.69 Duke Energy Ohio: ² \$1.03 Duke Energy Kentucky: ² \$0.95 <i>The following units are utilized by our state regulatory commissions:</i> ¹ Average rate per therm ² Average rate per CCF |
| | Average retail natural gas rate for transportation services only | Piedmont Natural Gas-NC: ¹ \$0.14 Piedmont Natural Gas-SC: ¹ \$0.20 Piedmont Natural Gas-TN: ¹ \$0.23 Duke Energy Ohio: ² N/A Duke Energy Kentucky: ² N/A <i>The following units are utilized by our state regulatory commissions:</i> ¹ Average rate per therm ² Average rate per CCF |

| SASB Code | Accounting Metric | Response |
|---|--|---|
| IF-GU-240a.2 | Typical monthly natural gas bill for residential customers for 50 MMBtu of natural gas delivered per year | Piedmont Natural Gas-NC: \$70.92 Piedmont Natural Gas-SC: \$55.58 Piedmont Natural Gas-TN: \$56.67 Duke Energy Ohio: \$64.45 Duke Energy Kentucky: \$53.59 |
| | Typical monthly natural gas bill for residential customers for 100 MMBtu of natural gas delivered per year | Piedmont Natural Gas-NC: \$131.75 Piedmont Natural Gas-SC: \$102.42 Piedmont Natural Gas-TN: \$98.25 Duke Energy Ohio: \$88.68 Duke Energy Kentucky: \$90.37 |
| IF-GU-240a.3 | Number of residential customer natural gas disconnections for nonpayment, percentage reconnected within 30 days | We do not currently disclose this metric, but disconnecting a customer's service for nonpayment is the very last step in a lengthy process, and it's a step we work hard to avoid. Energy Equity Customer Assistance Programs |
| IF-GU-240a.4 | Discussion of impact of external factors on customer affordability of natural gas, including the economic conditions of the service territory | Key Stakeholder Issues Customers |
| End-Use Efficiency and Demand | | |
| IF-GU-420a.1 | Percentage of natural gas utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (RAM) | Fourth-Quarter 2021 Earnings Review and Business Update , slide 54 |
| IF-GU-420a.2 | Customer natural gas savings from efficiency measures, by market | We do not centrally track these data. Programs vary by jurisdiction and include equipment rebates, weatherization and education. |
| Integrity of Natural 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) | Reportable Pipeline Incidents – 4 Corrective Action Orders (CAO) – 0 Notices of Probable Violation (NOPV) – 0 |
| IF-GU-540a.2 | Percentage of distribution pipeline that is (1) cast and/or wrought iron and (2) unprotected steel | We do not have cast and/or wrought iron or unprotected steel pipe in our distribution system. Pipeline Integrity and Management |
| IF-GU-540a.3 | Percentage of natural gas (1) transmission and (2) distribution pipelines inspected | Fifty-four percent of the natural gas transmission system was inspected by in-line inspection methods. Zero percent of the natural gas distribution system was inspected by in-line inspection methods (this is not typically performed on the lower-pressure distribution pipelines). Pipeline Integrity and Management |

| SASB Code | Accounting Metric | Response |
|--------------|---|---|
| IF-GU-540a.4 | Description of efforts to manage the integrity of natural gas delivery infrastructure, including risks related to safety and emissions | Methane Reduction Duke Energy teams with Accenture and Microsoft to develop first-of-its-kind methane-emissions monitoring platform Pipeline Integrity and Management |
| IF-GU-000.A | Number of: (1) residential, (2) commercial and (3) industrial customers served | <i>Gas Utilities and Infrastructure Quarterly Highlights</i> in our fourth-quarter 2021 Earnings Release , page 40 |
| 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 | <i>Gas Utilities and Infrastructure Quarterly Highlights</i> in our fourth-quarter 2021 Earnings Release , page 39 Duke Energy At A Glance |
| IF-GU-000.C | Length of natural gas transmission and distribution lines | Duke Energy At A Glance |



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