

2019-2020 Sustainability Accounting Standards Board (SASB) Mapping Report

Electric Utilities & Power Generators

SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Topic	SASB Code	Accounting Metric	Response
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) 2020 CDP Climate Change (2) N/A (3) 99.9%
	IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries.	2020 Environmental, Social, Governance and Sustainability Report
	IF-EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets and an analysis of performance against those targets.	2020 Environmental, Social, Governance and Sustainability Report
	IF-EU-110a.4	(1) Number of customers served in markets subject to renewable portfolio standards (RPS) and (2) percentage fulfillment of RPS target by market.	2020 Environmental, Social, Governance and Sustainability Report
Air Quality	IF-EU-120a.1	Air emissions of the following pollutants: (1) NOx (excluding N2O), (2) SOx, (3) particulate matter (PM10), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population.	2020 Environmental, Social, Governance and Sustainability Report
Water Management	IF-EU-140a.1	(1) Total water withdrawn, (2) total water consumed; percentage of each in regions with high or extremely high baseline water stress.	2020 Environmental, Social, Governance and Sustainability Report 2020 CDP Water Security 2019-2020 Corporate Citizenship Report
	IF-EU-140a.2	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards and regulations.	In 2019, five incidents of non-compliance associated with water quality permits and \$0 in fines for DTE Electric.
	IF-EU-140a.3	Description of water-management risks and discussion of strategies and practices to mitigate those risks.	2020 CDP Water Security 2019-2020 Corporate Citizenship Report
Coal Ash Management	IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated, percentage recycled.	2020 Environmental, Social, Governance and Sustainability Report 2019-2020 Corporate Citizenship Report
	IF-EU-150a.2	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment.	DTE Coal Combustion Residual Rule Compliance Data and Information

Electric Utilities & Power Generators (cont.)

Topic	SASB Code	Accounting Metric	Response
Energy Affordability	IF-EU-240a.1	Average retail electric rate for (USD/kwh): (1) residential, (2) commercial and (3) industrial customers.	(1) \$0.161 (2) \$0.108 (3) \$0.067
	IF-EU-240a.2	Typical monthly electric bill for residential customers for (USD/month) (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month.	(1) \$80.59 (2) \$160.48
	IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days (meter level).	169,411 Reconnect data not reported. Restores are not directly correlated to disconnects for non-payment.
	IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory.	DTE Energy's 10-K for fiscal year ending Dec. 31, 2019 DTE Press Release, July 9, 2020: Michigan Commission Approves DTE Plans to Keep Stable Electric Rates until 2022 and Achieve 2021 Renewable Energy Goal
Workforce Health & Safety	IF-EU-320a.1	(1) Total recordable incident rate (TRIR), (2) fatality rate and (3) near miss frequency rate (NMFR).	2020 Environmental, Social, Governance and Sustainability Report
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).	0%
	IF-EU-420a.2	Percentage of electric load served by smart grid technology.	2020 Environmental, Social, Governance and Sustainability Report
	IF-EU-420a.3	Customer electricity savings from efficiency measures, by market.	2020 Environmental, Social, Governance and Sustainability Report
Nuclear Safety & Emergency Management	IF-EU-540a.1	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column.	DTE Energy's 10-K for fiscal year ending Dec. 31, 2019
	IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness.	DTE Energy's 10-K for fiscal year ending Dec. 31, 2019
Grid Resilience	IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations.	2019-2020 Corporate Citizenship Report
	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.	2019-2020 Corporate Citizenship Report

Electric Utilities & Power Generators (cont.)

ACTIVITY METRICS

SASB Code	Activity Metric	Reference
IF-EU-000.A	Number of: (1) residential, (2) commercial and (3) industrial customers served.	2.2 million total
IF-EU-000.B	Total electricity delivered to (MMBtu): (1) residential, (2) commercial, (3) industrial, (4) all other retail customers, and (5) wholesale customers.	(1) 15,066 (2) 16,955 (3) 9,926 (4) 226 (5) 42,073
IF-EU-000.C	Length of transmission and distribution lines.	DTE Energy's 10-K for the fiscal year ending Dec. 31, 2019
IF-EU-000.D	Total electricity generated, percentage by major energy source, percentage in regulated markets.	2020 Environmental, Social, Governance and Sustainability Report
IF-EU-000.E	Total wholesale electricity purchased (MWh).	8,164,409

Gas Utilities & Distributors

SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Topic	SASB Code	Accounting Metric	Response
Energy Affordability	IF-GU-240a.1	Average retail gas rate for (USD/MMBtu): (1) residential, (2) commercial, (3) industrial customers and (4) transportation services only.	(1) \$7.34 (2) \$6.46 (3) N/A (4) N/A
	IF-GU-240a.2	Typical monthly gas bill for residential customers for (USD/month) (1) 50 MMBtu and (2) 100 MMBtu of gas delivered per year.	(1) \$476 (2) \$806
	IF-GU-240a.3	Number of residential customer gas disconnections for non-payment, percentage reconnected within 30 days (meter level).	11,290 Reconnect data not reported. Restores are not directly correlated to disconnects for non-payment.
	IF-GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory.	DTE Energy's 10-K for fiscal year ending 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).	100%
	IF-GU-420a.2	Customer gas savings from efficiency measures by market (MMBtu).	1,985,120 Gross 1,886,621 Net 2020 Energy Waste Reduction
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).	(1) 3 (2) 0 (3) 0
	IF-GU-540a.2	Percentage of distribution pipeline that is (1) cast and/or wrought iron and (2) unprotected steel.	(1) 9.47% (2) 6.53%
	IF-GU-540a.3	Percentage of gas (1) transmission and (2) distribution pipelines inspected.	(1) 61% (2) N/A
	IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions.	2020 Environmental, Social, Governance and Sustainability Report

Gas Utilities & Distributors (cont.)

ACTIVITY METRICS

SASB Code	Activity Metric	Reference
IF-GU-000.A	Number of: (1) residential, (2) commercial and (3) industrial customers served.	1,276,293 total
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.	DTE Energy's 10-K for fiscal year ending Dec. 31, 2019
IF-GU-000.C	Length of gas (km) (1) transmission and (2) distribution pipelines.	(1) 1,416 (2) 32,367