

2022 Entergy Sustainability Reporting Framework



With more than 24,000 megawatts of electric generating capacity, Entergy owns and operates one of the cleanest large-scale power generation fleets in the country. This report details our 2023 reporting on 2022 performance of our sustainability risks and opportunities, which is in line with the requirements of the Sustainability Accounting Standards Board.

Reporting topic	Metric	SASB Code	Disclosure	Relevant links or supporting documents
Greenhouse gas emissions and energy resource planning	(1) Gross global scope 1 emissions, percentage covered under (2) emissions-limiting regulations, and (3) emissions-reporting regulations	IF-EU-110a.1	Entergy measures, publishes, verifies through limited assurance, and has goals to reduce scope 1, scope 2 and scope 3 emissions; scope 1 emissions are available and updated annually in our greenhouse gas inventory. Entergy's power plant scope 1 greenhouse gas emissions are 100% covered by carbon dioxide emission monitoring and reporting requirements. Additional categories of scope 1 emissions include emissions such as sulfur hexafluoride and fugitive natural gas emissions, but are de minimis relative to stationary combustion. However, all of these categories are included in the greenhouse gas inventory provided at the referenced link and all of them except for mobile combustion are covered by emission-reporting regulations.	2022 Greenhouse gas emissions inventory
	Greenhouse gas emissions associated with power deliveries	IF-EU-110a.2	Entergy greenhouse gas emissions associated with power deliveries may be found in our EEI quantitative template. Additionally, the values provided in the template are further supported by our annual greenhouse gas inventory.	EEI's ESG quantitative template 2022 Greenhouse gas emissions inventory
	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	IF-EU-110a.3	We expect to achieve the following interim goals on our path to net-zero emissions by 2050: + Carbon-free energy capacity of 50% by 2030 <i>Includes nuclear and renewable capacity, both owned and purchased. Additional capacity provided by some accompanying battery storage paired with renewable energy.</i> + Carbon dioxide emission rate reduction of 50% by 2030 <i>Includes all generation, both owned and purchased, with a 2000 year baseline.</i> We plan to cease using coal by the end of 2030, provide approximately 40% more power to customers when compared to 2000 by 2030, enabling an estimated 9 million tons of customer emission reductions through electrification by 2030, to invest \$2.1 billion in renewable generation facilities by 2025 and more. These short and long-term targets, performance and analysis are detailed on pages 32-37 of our 2022 Climate Report, as well as pages 20-45 of our 2023 CDP Climate response, and our environmental web page.	2022 Climate Report update 2023 CDP climate change submission Climate action web page
	(1) Number of customers served in markets subject to renewable portfolio standards and (2) percentage fulfillment of RPS target by market	IF-EU-110a.4	Texas and New Orleans, representing approximately 710,000 customers, are subject to renewable portfolio standards. A breakdown of number of customers by operating company is available on page 22 of our 2022 Integrated Report. Texas is the only state in which Entergy is subject to a RPS. Entergy Texas, Inc. actively participates in the Renewable Energy Certificates market by purchasing certificates in order to meet RPS targets. Additionally, Entergy New Orleans is subject to a Renewable and Clean Portfolio Standard. ENO is required by the Council's rules to achieve net-zero carbon emissions by 2040 and zero carbon emissions by 2050. A statewide proposed action exists for Louisiana to adopt a renewable and clean portfolio standard but has not yet been approved. We're continuing to invest in owned and contracted carbon-free renewable generation, with an overview of our current, planned and targeted renewable projects on our renewable energy web page.	2022 Integrated Report Renewable energy web page

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Air quality	Air emissions of the following pollutants: (1) nitrous oxide (NO _x) excluding N ₂ O, (2) sulfur oxide (SO _x), (3) particulate matter (PM ₁₀), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population	IF-EU-120a.1	<p>Emissions for nitrous oxide, sulfur dioxide and mercury emissions can be found in the Entergy performance data table and EEI quantitative template. These emissions were reviewed and verified by an independent third party, C Venture, as described in the statement of assurance.</p> <p>Lead emissions associated with Entergy coal assets are included in the annual Toxics Release Inventory reporting process, as defined by the U.S. Environmental Protection Agency. Historical Form R submissions can be found on the EPA website.</p> <p>The consulting firm ERM publishes an annual report regarding company emissions and industry trends. Filtering by Entergy under the filter Company name demonstrates Entergy's emissions relative to major cities.</p>	<p>Performance data table</p> <p>Environmental and social metrics statement of assurance</p> <p>EEI's ESG Quantitative Template</p> <p>U.S. Environmental Protection Agency website</p> <p>Air emissions benchmarking report</p>
	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	IF-EU-140a.1	<p>Water withdrawals and consumption can be found in our EEI quantitative template.</p> <p>Information on water withdrawals from water-stressed regions can be found on pages 5 and 12-14 of our 2023 CDP Water submission.</p> <p>The Lewis Creek Power Plant and Montgomery County Power Station in Willis, Texas, are the only Entergy power plants that operate in a water-constrained area. These two generation plants withdrew approximately 7.9% of Entergy's total water withdrawals, and consumed 4.4%. Additional information on water conservation efforts at Lewis Creek and MCPS can be found on page 30 of our Integrated Report.</p>	<p>2023 CDP water submission</p> <p>EEI's ESG Quantitative Template</p> <p>2022 Integrated Report</p>
	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	IF-EU-140a.2	<p>The number of water permit exceedances can be found in the Entergy performance data table.</p>	<p>Performance data table</p>
Description of water management risks and discussion of strategies and practices to mitigate those risks	IF-EU-140a.3	<p>Water is essential to life but can be a risk during extreme weather events. Entergy addresses water availability while also managing flood issues. We look for opportunities to reduce water use in our operations while evaluating water availability and ensuring compliance with state and local permits and requirements.</p> <p>Information regarding our water management can be found in our Water Management Overview document, pages 8-28 of our 2023 CDP Water submission, on our environmental web page and within our broader Environmental, Occupational Health and Safety policy.</p>	<p>Water management overview</p> <p>2023 CDP water submission</p> <p>Environmental stewardship web page</p> <p>Environmental, Occupational Health and Safety policy</p>	

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Coal ash management	Amount of coal combustion residuals generated, percentage recycled	IF-EU-150a.1	Coal combustion residual generation and recycle rates can be found in Entergy's performance data table and EEI quantitative template.	Performance data table EEI's ESG Quantitative Template
	Total number of CCR impoundments, broken down by hazard potential classification and structural integrity assessment	IF-EU-150a.2	There is one CCR impoundment in the Entergy portfolio subject to the dam safety reporting requirements – the South Pond (also known as A Pond) at the White Bluff facility. Closure of this pond was completed and certified in October 2023. Additional information can be found on the White Bluff facility CCR web page, under Closure and Post-Closure Care.	White Bluff plant CCR rule compliance web page
Energy affordability	Average retail electric rate for (1) residential, (2) commercial, and (3) industrial customers	IF-EU-240a.1	Electric retail revenues are available by customer type at the bottom of page 38 of our Investor Guide.	2022 Investor Guide
	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	IF-EU-240a.2	Typical residential bills using 1,000 kWh of electricity are broken down by Entergy utility company and updated monthly on each company's website. The average customer bills for October 2023 are \$127.39 for Arkansas, \$133.64 for Louisiana, \$136.39 for Mississippi, \$139.86 for New Orleans and \$137.04 for Texas.	Entergy Arkansas sample residential rates Entergy Louisiana sample residential rates Entergy Mississippi sample residential rates Entergy New Orleans sample residential rates Entergy Texas sample residential rates
	Number of residential customer electric disconnections for nonpayment, percentage reconnected within 30 days	IF-EU-240a.3	In 2022, 90.7% of customers were reconnected within 10 days.	Internal calculation. Not a material key performance indicator.
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	IF-EU-240a.4	Entergy's focus on poverty is rooted in the economic reality of the communities we serve, which include some of highest poverty regions in the United States. Approximately 25% of Entergy's 3 million customers live at or below the poverty line. Additional information on customer affordability and supplementary initiatives can be found on our Community web page. Information regarding Entergy's rates and initiatives to promote customer savings can be found on pages 33-35 of our Integrated Report.	Low-income customers web page 2022 Integrated Report

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Workforce health and safety	(1) Total recordable incident rate, (2) fatality rate, and (3) nearmiss frequency rate	IF-EU-320a.1	Entergy's total recordable incident rate and number of fatalities by year can be found on page 27 of our Integrated Report, as well as in our performance data table and EEI quantitative template. Entergy does not report a Near Miss Frequency Rate.	2022 Integrated Report Performance data table EEI's ESG Quantitative Template
End-use efficiency and demand	Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism	IF-EU-420a.1	The percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism is 0%, or 0.1201% averaged across our five operating companies.	Internal calculation. Not a material key performance indicator.
	Percentage of electric load served by smart grid technology	IF-EU-420a.2	<p>Percentage of total electric customers served by smart meters for the Entire company can be found in the EEI quantitative template.</p> <p>Smart meter data broken out by Entergy operating company can be found on the EIA-861 report. It is located within the Advanced Meter Excel file, downloaded in a zip file, by year, filtering by Utility Name.</p>	EEI's ESG Quantitative Template EIA-861 Report
	Customer electricity savings from efficiency measures, by market	IF-EU-420a.3	<p>We currently have approximately 50 energy efficiency and demand-side management offerings with a stated goal of 990 MW of peak load reduction through 2031. Energy efficiency and demand-side management information can be found on page 8 of our Integrated Report, with additional data on our EEI quantitative template.</p> <p>Energy efficiency savings data broken out by Entergy operating company can be found on the EIA-861 report. It is located within the energy efficiency Excel file, downloaded in a zip file, by year, filtering by Utility Name.</p> <p>Entergy operating company disclosures of energy efficiency programs, including amounts of energy conserved, are publicly available and links to these dockets can be found on our environmental web page, under Affordable Clean Energy.</p>	2022 Integrated Report EEI's ESG Quantitative Template EIA-861 Report Environmental stewardship web page
Nuclear safety and emergency management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission Action Matrix Column	IF-EU-540a.1	<p>The Entergy Nuclear subsidiary owns, operates, supports and provides management services to a national fleet of reactors in four locations in the United States. More information on Entergy's nuclear generating assets can be found on our power generation web page.</p> <p>More information on each Entergy nuclear facility can be found on our Nuclear Sites web page.</p>	Utility nuclear generating assets Nuclear sites web page
	Description of efforts to manage nuclear safety and emergency preparedness	IF-EU-540a.2	Nuclear power plant licensees, including Entergy, are required by the federal government to provide emergency planning information to the public annually. Information by plant can be found on our Nuclear Emergency Planning web page.	Nuclear emergency planning web page

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Grid resiliency	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	IF-EU-550a.1	Information related to cybersecurity incidents are available in our Global Reporting Initiative Social Indicators, specifically GRI Standards 418-1.	GRI social indicators web page
	(1) System Average Interruption Duration Index, (2) System Average Interruption Frequency Index and (3) Customer Average Interruption Duration Index, inclusive of major event days	IF-EU-550a.2	These reliability measurements, broken out by Entergy operating company, can be found on the EIA-861 report. It is located within the Reliability Excel file, downloaded in a zip file, by year, filtering by Utility Name.	EIA-861 Report

The inclusion of information in this report should not be construed as a characterization regarding the materiality or financial impact of that information. Please see our Annual Report on Form 10-K for the year ended Dec. 31, 2021, and other publicly filed documents, which are available at our [Investor Relations website](#).