Entergy Corporation

2024 CDP Corporate Questionnaire 2024

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Contents

C1. Introduction

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:

☑ Publicly traded organization

(1.3.3) Description of organization

Entergy is a Fortune 500 company that powers life for 3 million customers through our operating companies in Arkansas, Louisiana, Mississippi, and Texas. We're investing in the reliability and resilience of the energy system while helping our region transition to cleaner, more efficient energy solutions. With roots in our communities for more than 100 years, Entergy is a nationally recognized leader in sustainability and corporate citizenship. Since 2018, we have delivered more than 100 million in economic benefits each year to local communities through philanthropy, volunteerism, and advocacy. Entergy is headquartered in New Orleans, Louisiana, and has approximately 12,000 employees. Led by our board of directors, Entergy maintains a forward-looking environmental management policy that extends beyond a dedication to environmental compliance. Our policy commits us, among other things, to practice sustainability in all that we do, not only through our environmentally responsible behavior but also through our support of initiatives that promote local, industry and global prosperity. Entergy is committed to achieving net-zero greenhouse gas emissions by 2050 and enabling customer emission reduction across all sectors. The boundary of our own net-zero commitment is clear and inclusive—all businesses, all applicable greenhouse gases, and all scopes of emissions. Entergy is taking action to reduce our emissions as low as possible and minimize our need to neutralize any residual emissions while still maintaining the reliability and affordability of our products, even as our customer base and demand for clean energy grows. Our interim goal, established in 2019, aims to reduce our electricity utility carbon emission rate to 50% from a 2000 baseline by 2030; our progress towards achieving this target is driving near-term action on our largest Scope 1 category – utility-owned power generation. In 2022, we added a 50% carbon-free energy capacity goal and evolved our emission rate goal to include purchased power. Entergy collects Environmental Social and Governance metrics and supporting narratives and discloses them annually in its Performance Report, Performance Data Table, the Entergy Statistical Report and Investor Guide, the EEI ESG templates, and Global Reporting Initiative Index and Sustainability Accounting Standards Board mapping. These documents are available here - https://www.entergy.com/sustainability/disclosures/ In addition, in November 2022 we published our second Climate Report aligned with the recommendations of the Task Force on Climate-Related Financial Disclosures: https://www.entergy.com/userfiles/content/environment/docs/2022-Climate.pdf Forward-Looking Information: Entergy's statements concerning its environmental plans, goals, beliefs, and expectations, including statements regarding its greenhouse gas reduction goals, strategies, and actions it may take to achieve such goals, statements regarding potential technological advances, and other statements of Entergy's plans, beliefs, or expectations included in this response are "forward-looking statements" which apply only as of the dates indicated. Forward-looking statements are subject to a number of risks, uncertainties and other factors that could cause actual results to differ materially from those expressed or implied in such forward-looking statements, including, among other things, uncertainties associated with regulatory proceedings and other cost recovery mechanisms, operation and relicensing of nuclear facilities, major storms, and other catastrophic events, risks associated with executing on our business strategies, effects of changes in laws, regulations or policies, the effects of technological change, including the costs, pace of development, and commercialization of new and emerging technologies, uncertainties, and other factors discussed in Entergy's most recent Annual Report on Form 10-K and subsequent reports and filings made under the Securities Exchange Act of 1934.

Entergy's interpretation of Equity share for energy resource and greenhouse gas inventory purposes is inclusive of firm contracts and market purchases. Specifically, this includes Power Purchase Agreements (PPAs) with customers in order to capture our full inventory.
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

	End date of reporting year	Alignment of this reporting period with your financial reporting period	Indicate if you are providing emissions data for past reporting years
	12/31/2023	*Select from:* ☑ Yes	*Select from:* ☑ No

[Fixed row]

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: ☑ Yes

[Fixed row]

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

US29364G1031

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

29364G103

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

ETR

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No
[Add row]

(1.16.1) For your electricity generation activities, provide details of your nameplate capacity and electricity generation specifics for each technology employed.

Coal - Hard

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

1975

(1.16.1.4) Net electricity generation (GWh)

5510

(1.16.1.5) Comment

Owned and leased capability is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize

Lignite

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Oil

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

0

(1.16.1.5) Comment

Oil is included in gas

Gas

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

16395

(1.16.1.3) Gross electricity generation (GWh)

0

(1.16.1.4) Net electricity generation (GWh)

69971

(1.16.1.5) Comment

Includes Oil. Owned and leased capability is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize

Sustainable biomass

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Other biomass

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Waste (non-biomass)

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Nuclear

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

5207

(1.16.1.4) Net electricity generation (GWh)

37679

(1.16.1.5) Comment

Owned and leased capability is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize

Fossil-fuel plants fitted with carbon capture and storage

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Geothermal

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Hydropower

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

73

(1.16.1.4) Net electricity generation (GWh)

190

(1.16.1.5) Comment

Owned and leased capability is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize

Wind

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Solar

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

229

(1.16.1.4) Net electricity generation (GWh)

433

(1.16.1.5) Comment

Owned and leased capability is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize

Marine

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Other renewable

(1.16.1.1) Own or control operations which use this power generation source

Select from:

☑ No

Other non-renewable

(1.16.1.1) Own or control operations which use this power generation source

Select from:
☑ No

Total

(1.16.1.2) Nameplate capacity (MW)

23879

(1.16.1.4) Net electricity generation (GWh)

113783
[Fixed row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:
☑ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply
☑ Upstream value chain
☑ Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:

☑ Tier 1 suppliers

(1.24.7) Description of mapping process and coverage

We collaborate with our suppliers to advance our collective climate aspirations. We strive to conduct business with suppliers that share our commitment to environmental, social and governance issues and topics. We engage suppliers to help incorporate this thinking into their processes and develop a greenhouse gas inventory with reduction goals we can monitor over time. Since 2022, our active suppliers have received a greenhouse gas supplier expectation letter introducing next steps on our emissions reduction journey. We also conduct greenhouse gas and supplier environmental, social and governance, or ESG, assessment trainings to support suppliers in this effort. We're expanding our supplier sustainability training and engagement program to provide resources to help suppliers calculate and report greenhouse gas inventory – scope 1 and 2, optional scope 3 – consider setting a public greenhouse gas reduction goal and identify potential greenhouse gas reduction opportunities. Additional information can be found on our supply chain sustainability page: https://www.entergy.com/operations/supply-chain/sustainability/ [Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

	Plastics mapping	Primary reason for not mapping plastics in your value chain
	Select from: ☑ No, and we do not plan to within the next two years	*Select from:* ☑ Other, please specify **:**Not material to us as an electric utility

[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

7

(2.1.4) How this time horizon is linked to strategic and/or financial planning

While Entergy conducts CAPEX planning over 3-year planning cycles, we consider climate-related risks and opportunities through our climate target intervals. Thereby, we consider short-term risk and opportunities as we approach 2030. Our near-term decarbonization focus is on ceasing to burn coal by the end of 2030, continuing to operate existing nuclear plants and transforming our natural gas generation fleet to modern, efficient, hydrogen and carbon capture and storage ("CCS") capable units. Current resource procurement strategies have also focused on solar, wind and lithium-ion battery storage technology. Our strategy leverages proven, mature technologies, guided by economics. We expect that significant quantities of economic solar and wind additions can be integrated into our resource portfolio without increasing operational and reliability risk or integration costs, and we expect to grow our renewable capacity to nearly 9 gigawatts by 2031, depending on customer demand for clean energy and regulatory approval of investments. We also expect distributed energy resource solutions will play an important role in maintaining system reliability as we continue to evolve our generation and supply portfolio. Moreover, we are prudently exploring advanced technologies to deploy in the medium-term, including new, advanced nuclear and continued CCS development. We continually monitor costs for such technologies, tracking industry developments and looking for ways to partner.

Medium-term

(2.1.1) From (years)

7

(2.1.3) To (years)

17

(2.1.4) How this time horizon is linked to strategic and/or financial planning

As newer technologies are proven and become cost-effective/commercially available, medium-term strategies will include an increased focus on expanding low- to zero-carbon generation technology. These may include clean hydrogen-generated power; enabling Entergy to get more capacity out of intermittent renewable energy resources, including offshore wind with long-term storage solutions; extending operation of our existing nuclear fleet through subsequent license renewal; carbon capture and sequestration; and deploying advanced nuclear technologies, like small modular reactors. Meanwhile, we continue to monitor technological ideation, break-through discoveries and advances that may become commercially viable beyond 2040.

Long-term

(2.1.1) From (years)

17

(2.1.2) Is your long-term time horizon open ended?

Select from:

☑ No

(2.1.4) How this time horizon is linked to strategic and/or financial planning

In the long-term and in response to customer demands, technological advancement, and breakthroughs in dispatchable low-carbon resources and zero-carbon emitting resources (ZCER) will be critical to meeting our net-zero commitment by 2050. We understand that technology achievements in all aspects of existing and future power generation technology have the potential to impact these near-and long-term strategies.
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: ☑ Yes	*Select from:* ☑ Both dependencies and impacts

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

☑ Water

☑ Biodiversity

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Sub-national

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

☑ Internal company methods

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Cyclones, hurricanes, typhoons

☑ Flood (coastal, fluvial, pluvial, ground water)

Policy

☑ Carbon pricing mechanisms

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

☑ No

[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

☑ Yes

(2.2.7.2) Description of how interconnections are assessed

Entergy proactively manages risks using a hierarchy that ties directly to our mission of creating sustainable value for our key stakeholders – customers, employees, communities and owners. We've developed a bottom-up risk identification and assessment model that supports the company's focus on sustainability that analyzes and monitors a full range of economic, environmental, and social risks. We have linked the bottom-up model with our top-down risk process to establish an integrated risk management framework throughout the enterprise. Our integrated risk management framework is designed to ensure that these risks are consistently identified, thoroughly assessed, and effectively managed. Managing environmental risks has been part of Entergy operations for over two decades, and we endeavor to capture and mitigate each of these risks through our holistic risk management process. At the company level, risks are evaluated and scored based on probability of occurrence, severity of outcome and trajectory. Controls are established for priority items and testing is conducted to ensure priorities are addressed. The scope of the risk analysis includes evaluation of climate change policy proposals, adaptation issues, customer impacts, physical and transition risks, economic impacts and litigation issues and their impacts based on multiple time horizons. The result of the risk management process is reported to the audit committee of the Board of Directors on a quarterly basis. Functional areas of the company have also implemented risk management processes to manage the risks within each of their

respective areas. For discrete transactions, including capital and other investments that meet a certain cost threshold, a review committee provides a comprehensive risk assessment on the associated investment proposals. The committee ensures that proposals are valued properly, and all risks are identified and minimized prior to final approval. For example, as Entergy designs and builds new generation and power delivery projects, the site selection process involves reviewing the site for access, transmission interconnection, fuel supply and physical risks from extreme weather events and other climate-related risks. Under the direction of the sustainability and environmental policy group, Entergy systematically leverages sustainability and environmental policy specialists, broader teams from throughout the company, outside experts, and industry groups to monitor and assess legislative, regulatory and policy risks related to climate issues.
[Fixed row]

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:
☑ Yes, we have identified priority locations

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply
☑ Direct operations

(2.3.3) Types of priority locations identified

Sensitive locations
☑ Areas important for biodiversity
☑ Areas of limited water availability, flooding, and/or poor quality of water
☑ Areas of importance for ecosystem service provision

Locations with substantive dependencies, impacts, risks, and/or opportunities
☑ Other location with substantive nature-related dependencies, impacts, risks, and/or opportunities, please specify **:**vulnerability to severe weather events being exacerbated by climate change

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☑ No, we do not have a list/geospatial map of priority locations
[Fixed row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

(2.5.1) Identification and classification of potential water pollutants

Select from:
☑ Yes, we identify and classify our potential water pollutants

(2.5.2) How potential water pollutants are identified and classified

Virtually all of Entergy's discharges to water are controlled either by state-issued, federally enforceable permits issued under the National Pollutant Discharge Elimination System of the federal Clean Water Act or by similar state programs. Entergy facilities operate under approximately 40,000 specific water pollution control permit requirements. These permits have water quality criteria which have been developed to protect aquatic life, human health and wildlife from the deleterious effects of pollutants. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit requirements of at least 99.9%. Across Entergy's value chain, impacts related to water vary due to specific state or location-based requirements. However, all policies and processes must meet Entergy's Water Management Standard, which is part of our broader environmental management system. Entergy manages operational water-related risk compliance and planning primarily through the Power Generation and the Power Delivery Environmental Groups. Secondarily, environmental compliance and regulatory issues are managed by the Water Peer Group and with trade associations; this peer group is comprised of subject matter experts from each business unit and examines water supply and discharge issues impacting Entergy's operations, providing a forum to discuss these issues and coordination for path-forward strategies to influence water issues.
[Fixed row]

(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Row 1

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify **:**Hydrocarbons

(2.5.1.2) Description of water pollutant and potential impacts

A hydrocarbon is a compound of hydrogen and carbon. These are typically the chief components in many types of fuels and products we use every day. They can come in the form of a gas, liquid, solid, or polymers. The exposure or injection of these substances can cause significant health risks. Direct skin contact can happen, causing local skin irritation and, rarely, leading to systemic disease. However, prolonged exposure can lead to tissue breakdown and superficial, partial thickness chemical burns. Severe, full thickness chemical burns can lead to absorption and acute toxic systemic manifestations. Ingestion and inhalation/aspiration of hydrocarbons can also occur, which may signify disease and lead to systemic toxicity and morbidity and mortality. (Curtis J, Metheny E, Sergent SR. Hydrocarbon Toxicity. [Updated 2021 Jan 17]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-.)

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

(2.5.1.5) Please explain

Hydrocarbon content in discharged water is closely monitored as required by state-issued, federally enforceable permits issued under the National Pollutant Discharge Elimination System of the federal Clean Water Act or by similar state programs. To aid with emergency response in the case of hydrocarbon leakage or spill, the Spill Prevention, Control, and Countermeasure (SPCC) Plans maintained by Entergy facilities, helps facilities prevent oil spills, as well as control a spill should one occur. Stormwater Pollution Prevention Plans (SWPPP) are also maintained by the applicable facilities to outline the specific ways the facilities prevent contamination of water leaving the site as stormwater.

Row 3

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify **:**Coal Combustion Residuals

(2.5.1.2) Description of water pollutant and potential impacts

Per the US EPA website, Coal combustion residuals, commonly known as coal ash, are created when coal is burned by power plants to produce electricity. Coal ash is one of the largest types of industrial waste generated in the United States. In 2012, 470 coal-fired electric utilities generated about 110 million tons of coal ash. Coal ash contains contaminants like mercury, cadmium and arsenic. Without proper management, these contaminants can pollute waterways, ground water, drinking water, and the air. If eaten, drunk or inhaled, these toxicants can cause cancer and nervous system impacts such as cognitive deficits, developmental delays and behavioral problems. They can also cause heart damage, lung disease, respiratory distress, kidney disease, reproductive problems, gastrointestinal illness, birth defects, and impaired bone growth in children.

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Provision of best practice instructions on product use

(2.5.1.5) Please explain

In April 2015, the EPA published the final CCR rule regulating CCRs destined for disposal in landfills or surface impoundments as non-hazardous wastes regulated under RCRA Subtitle D. The final regulations created new compliance requirements including modified storage, new notification and reporting practices, product disposal considerations, and CCR unit closure criteria but excluded CCRs that are beneficially reused in certain processes. Entergy operates groundwater monitoring systems surrounding its coal combustion residual landfills located at three sites and has met the April 2021 deadline under the finalized CCR rule for unlined recycle ponds. Additionally, all three sites are preparing to implement measures to meet the new and updated Effluent Limitation Guidelines (ELGs) that will be effective in July 2024. In May 2024, the EPA finalized a rule establishing management standards for legacy CCR surface impoundments (i.e., inactive surface impoundments at inactive power plants) and establishing a new class of units referred to as CCR management units (i.e., non-containerized CCR located at a regulated CCR facility). Entergy does not have any legacy impoundments; however, the proposed definition of CCR management units regulates on- site areas where CCR was beneficially used. This is contrary to the previous CCR Rule which exempted beneficial uses that met certain criteria.

Row 4

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Thermal Production

(2.5.1.2) Description of water pollutant and potential impacts

Thermal water pollution is the degradation of water quality due to a change in ambient water temperature. Multiple issues occur concurrently when heated water is released to an aquatic ecosystem. The most immediate change is a decrease in dissolved oxygen levels and rise in pH. Warm water cannot hold as much dissolved oxygen as cold water, and organic matter decomposes faster in warmer temperatures. The increase in decomposed aqueous nutrient concentrations causes eutrophication, most commonly realized as algae blooms, which block sunlight for underlying aquatic plants. Additionally, rapidly heated water accelerates the metabolism of cold-blooded aquatic animals like fish, causing malnutrition due to insufficient food sources. Since the environment usually becomes more inhospitable to the area's aquatic fauna, many species leave while more vulnerable species may die, changing the biodiversity of both the original and invaded locations. (Brandon C, Thermal Water Pollution from Nuclear Power Plants)

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Provision of best practice instructions on product use

☑ Upgrading of process equipment/methods

(2.5.1.5) Please explain

Water temperature in discharged water is closely monitored as required by state-issued, federally enforceable permits under the National Pollutant Discharge Elimination System of the federal Clean Water Act or by similar state programs. At many facilities the temperature of the water is monitored continuously during discharge, with alarms on the system which indicate if the temperature of the discharge water raises to near permitted limits. Occasionally surface water temperature rises to a point where a facility cannot cool units; Entergy monitors and responds to these situations as it would a physical interruption in the water supply. As we build our more modern facilities, the volume of water we discharge and any potential water thermal discharge issues are a factor in design considerations such as cooling towers, recirculation cooling ponds, and condenser sizing, each of which can mitigate this risk in appropriate circumstances.

Row 5

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify **:**Radiation

(2.5.1.2) Description of water pollutant and potential impacts

Radiation is the emitted energy coming from a radioactive source that is trying to achieve a stable state by shedding energy. Whereas a radionuclide is the actual contaminant. It comes from radioactive elements, natural and manmade, whose atoms are unstable. Radiation is measured in units called millirems. A millirem is a unit used to measure radiation dose in humans. For radiation to cause any measurable biological effect in human beings, most scientists agree that the exposure must reach about 25,000 millirems – in a single, short-time exposure. Per the US EPA, exposure to very high levels of radiation can cause acute health effects such as skin burns and acute radiation syndrome ("radiation sickness"). It can also result in long-term health effects such as cancer and cardiovascular disease. https://perma.cc/KCC3-NNBB

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

☑ Implementation of integrated solid waste management systems

☑ Industrial and chemical accidents prevention, preparedness, and response

(2.5.1.5) Please explain

Federal standards set and enforced by the Nuclear Regulatory Commission (NRC), and with which Entergy ensures strict compliance, require that workers at nuclear power plants receive no more than 5,000 millirems of radiation a year. Entergy has comprehensive policies and procedures that govern the permitted release of radioactive effluents; the conduct of work involving radioactivity including spill prevention and mitigation; and the storage, containerization, and disposal of such material such that there will be no measurable impact to the environment. This includes the use of risk assessment guidance and challenge meetings when planning and conducting work that involves interaction with radioactive components, liquids, and gasses. Additionally, a separate program of monitoring for the impact of nuclear power plant operational impacts on the community is conducted at each site. Lastly, the NRC conducts periodic inspections of the procedures processes and outcomes.
[Add row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Plastics

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Other, please specify :Not material to an electric utility

(3.1.3) Please explain

Entergy is an integrated utility and does not produce or consume many plastics.
[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:
☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical
☑ Cyclone, hurricane, typhoon

(3.1.1.4) Value chain stage where the risk occurs

Select from:
☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply
☑ United States of America

(3.1.1.9) Organization-specific description of risk

The most significant risk of climate change include damage to Entergy's generation fleet and infrastructure and the impact to Entergy's customers from sea level rise, storm surge and intense winds. The impact to the business includes increased operational and capital cost due to infrastructure damage, loss of sales during power outages and loss of economic productivity to Entergy's customer base. Risks of losses from these hazards grow with growth in the economy, subsidence, loss of coastal wetlands protection and future climate change. Methods to Manage Risk: Entergy manages extreme weather risks by (1) Preparing for storm recovery through annual drills; (2) Hardening our transmission and distribution systems to better withstand intense winds and flooding; and (3) reaching out to our customers and communities to prioritize investments and identify cost effective methods to build resilience and minimize economic losses from business interruption

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased direct costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Very likely

(3.1.1.14) Magnitude

Select from:

☑ High

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Entergy recognizes the importance of increasing the investments in our region to provide the resiliency our customers and communities need. Following the storms in 2020 and 2021, Entergy has further enhanced our focus and urgency for strengthening the electrical system in the Gulf South. To improve resilience—the system's ability to withstand and recover from storms, fires and other physical or cyber threats—we work with our regulators and customers on our investments and enhanced design standards. Additional information can be found one our resiliency webpage and within each Opco's resiliency filings: https://www.entergy.com/transmission/resiliency/

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Other infrastructure, technology and spending, please specify :Investment in transmission asset hardening

(3.1.1.29) Description of response

Entergy's average proactive hardening costs on an annual basis that the company expects to implement over the same time period include: preparing using robust emergency response drills and business continuity planning; investing in transmission asset hardening to better stand up against extreme weather events. This includes substation elevations to mitigate flooding, new or upgraded transmission lines that exceed NESC standards, structure replacements, and breaker installations that will increase sectionalization and reduce switching time during outage events. For example, as a result of Hurricane Laura's extensive damage to the grid infrastructure serving the Lake Charles area, large portions of the underlying transmission system required nearly a complete rebuild. However, despite the damage, recent investments in modern transmission structures paid off as those assets withstood the storm's impact and remained intact. During Hurricane Ida, more than half of a seven-mile transmission line with pre-1997 design structures was taken down by Ida. Newer, more resilient structures invested in within the past 5 years along this same path fared exceedingly well against Hurricane Ida – see https://www.entergynewsroom.com/news/entergy-provides-update-on-hurricane-ida/. 3. Invest in distribution asset hardening, such as through treatment, restoration and replacements of poles grouped by feeders out of substations and by prioritizing considerations for zones of aging or decay. This combined estimate is based on average annual expenditures from the historical time period described above, along with Entergy's outlook on climate and meteorological events impacting our system. The majority of the expenditures are related to the physical infrastructure investments, but specific allocation among the three amounts depends on the specific circumstances in any given year.

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Other policy risk, please specify :Lack of transparency of water rights

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Mississippi River

☑ St. Lawrence

☑ Other, please specify :Ouachita River, White River, San Jacinto River (Lewis Creek Reservoir), Big Black River

(3.1.1.9) Organization-specific description of risk

Virtually all of Entergy's discharges to water are controlled either by state-issued, federally enforceable permits issued under the National Pollutant Discharge Elimination System of the federal Clean Water Act or by similar state programs. In addition, Entergy facilities operate under approximately 40,000 specific water pollution control permit requirements. If a permit requirement is in exceedance, depending on the severity of the violation, monetary fines and fees can be imposed on the power plants.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Fines, penalties or enforcement orders

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Unlikely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Depending on the exceedance of the permit requirement, the fine issued to the power plant may vary based on the duration and severity of the violation. Incurring a penalty or fine for permit noncompliance would be rare for Entergy, as across our operations, Entergy has maintained a compliance rate with state and federal water pollution control permit requirements of at least 99.9% from year to year.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Policies and plans

☑ Other policies or plans, please specify **:**Internal Procedures and Policy

(3.1.1.29) Description of response

Entergy maintains a robust environmental compliance program, and water stewardship is an integral part of the company's environmental policies. Compliance with all state-issued, federally enforceable permits are tracked internally, and Entergy also makes this information publicly available. https://www.entergy.com/userfiles/content/sustainability/performance_data_table.pdf These practices and a strong commitment to environmental compliance have led Entergy to maintain a compliance rate with state and federal water pollution control permit requirements of at least 99.99% from year to year.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Other policy risk, please specify **:**Enhanced emissions-reporting obligations

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

In 2011, Entergy began reporting various categories of its GHG emissions under EPA's Mandatory GHG Reporting Rule, and additional categories were added in 2012. These additional reporting programs increased the company's operational cost. Entergy has reported its GHG emissions voluntarily for over 20 years through various programs such as EPA Climate Leaders, as well as in our own communications and reporting tools such as the integrated report, EEI/ESG templates, performance data table, and more. Additionally, Entergy voluntarily commissions a third-party verification audit of its GHG Inventory under ISO 14064.1-3 (see https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf)

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased indirect [operating] costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

☑ The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Virtually certain

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

The financial implications of increased and mandatory reporting are expected to be 0 to minimal in the near term because existing staff and budgets will handle this reporting. However, future costs to report and provide assurance under a mandatory reporting regime could be significant.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Other compliance, monitoring or target, please specify **:**Annual GHG Inventory with third-party verification

(3.1.1.29) Description of response

The methods that Entergy is using to manage this risk include voluntary GHG reporting for over a decade, a commitment to continuous improvement of our GHG inventory, and conducting independent assurance. In addition, the company continuously improves its calculation methodology to reflect its business model more accurately.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Cyclone, hurricane, typhoon

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Potential business risks of climate change include damage to Entergy's generation fleet and infrastructure and the impact to Entergy's customers from sea level rise, storm surge and intense winds. The impact to the business includes increased operational and capital cost due to infrastructure damage, loss of sales during power outages and loss of economic productivity to Entergy's customer base. Risks of losses from these hazards grow with growth in the economy, subsidence, loss of coastal wetlands protection and future climate change. Methods to Manage Risk: Entergy manages extreme weather risks by (1) Preparing for storm recovery through annual drills; (2) Hardening our transmission and distribution systems to better withstand intense winds and flooding; and (3) reaching out to our customers and communities to prioritize investments and identify cost effective methods to build resilience and minimize economic losses from business interruption

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased direct costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Very likely

(3.1.1.14) Magnitude

Select from:

☑ High

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Entergy recognizes the importance of increasing the investments in our region to provide the resiliency our customers and communities need. Following the storms in 2020 and 2021, Entergy has further enhanced our focus and urgency for strengthening the electrical system in the Gulf South. To improve resilience—the system's ability to withstand and recover from storms, fires and other physical or cyber threats—we work with our regulators and customers on our investments and enhanced design standards. Additional information can be found one our resiliency webpage and within each Opco's resiliency filings: https://www.entergy.com/transmission/resiliency

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Other infrastructure, technology and spending, please specify :Investment in transmission asset hardening

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Flooding (coastal, fluvial, pluvial, groundwater)

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Mississippi River

(3.1.1.9) Organization-specific description of risk

River flooding which curtails operations at the power plants.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Disruption in production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time. Implementation costs vary considerably based on level of process change option selected.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Policies and plans

☑ Other policies or plans, please specify **:**Shift energy production

(3.1.1.29) Description of response

Shift energy production to other reserve units until river levels subside

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Other policy risk, please specify **:**Regulatory Uncertainty

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Mississippi River

(3.1.1.9) Organization-specific description of risk

Entergy's ability to operate is contingent upon the receipt of relevant regulatory permits and permissions. This ability may be compromised if the relevant regulatory agencies do not issue needed permits

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Other, please specify **:**Delays in permitting

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Unknown

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time, implementation costs vary considerably based on level of process change option selected

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Engagement

☑ Engage with regulators/policy makers

(3.1.1.29) Description of response

Entergy keeps abreast of the applicable federal, state and local regulatory changes that may affect its operating facilities. Entergy interacts with regulators/policymakers for additional guidance when required.

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Reputation

☑ Other reputation risk, please specify :Community Opposition

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Mississippi River

(3.1.1.9) Organization-specific description of risk

Entergy's ability to operate is contingent upon the receipt of relevant regulatory permits and permissions. This ability may be compromised if the relevant regulatory agencies and stakeholders do not have confidence in the company's ability to comply with environmental requirements.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Other, please specify **:**Requirement for remediation

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ High

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time. Implementation costs vary considerably based on level of process change option selected.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Other compliance, monitoring or target, please specify **:**Comply with local regulatory requirements

(3.1.1.29) Description of response

The NRC requires nuclear power plants to regularly monitor and report the presence of radioactive material in the environment. Entergy joined other nuclear utilities and the Nuclear Energy Institute in 2006 to develop a voluntary groundwater monitoring and protection program. This initiative began after detection of very low levels of radioactive material, primarily tritium, in groundwater at several plants in the United States. Tritium is a radioactive form of hydrogen that occurs naturally and is also a by-product of nuclear plant operations. In addition to tritium, other radionuclides have been found in on site ground water at nuclear plants. As part of the groundwater monitoring and protection program, Entergy has: (1) performed reviews of plant groundwater characteristics (hydrology) and historical records of past events on site that may have potentially impacted groundwater; (2) implemented fleet procedures on how to handle events that could impact groundwater; and (3) installed groundwater monitoring wells and began periodic sampling. The program also includes protocols for notifying local officials if contamination is found.

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk5

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Flooding (coastal, fluvial, pluvial, groundwater)

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Other, please specify :Ouachita River

(3.1.1.9) Organization-specific description of risk

River flooding which curtails operations at the power plants.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Disruption in production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Unlikely

(3.1.1.14) Magnitude

Select from:

☑ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time. Implementation costs vary considerably based on level of process change option selected

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Policies and plans

☑ Other policies or plans, please specify **:**Shift energy production

(3.1.1.29) Description of response

Shift energy production to other reserve units until water levels subside.

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk6

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Flooding (coastal, fluvial, pluvial, groundwater)

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Pearl River

☑ Sabine River

☑ St. Lawrence

☑ Other, please specify **:**White River and Big Black River

(3.1.1.9) Organization-specific description of risk

River flooding which curtails operations at the power plants

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Disruption in production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Unknown

(3.1.1.14) Magnitude

Select from:

☑ Unknown

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time. Implementation costs vary considerably based on level of process change option selected

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Policies and plans

☑ Other policies or plans, please specify **:**Shift energy production

(3.1.1.29) Description of response

Shift energy production to other reserve units until water levels subside

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk7

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Flooding (coastal, fluvial, pluvial, groundwater)

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Other, please specify **:**San Jacinto River (Lewis Creek Reservoir)

(3.1.1.9) Organization-specific description of risk

During periods of river flood stage, the electric generation from the plant may need to be reduced

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Disruption in production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Financial investment will depend on the specific project, unable to estimate at this time. Implementation costs vary considerably based on level of process change option selected

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Adopt water efficiency, water reuse, recycling and conservation practices

(3.1.1.29) Description of response

Entergy undertook a long-term strategic study of water availability for its Lewis Creek Plant. The study included analysis of the groundwater wells and water plant system at Lewis Creek, and the facility developed and executed a plan to reduce water withdrawal by 30% through process design changes. By working with the district to optimize water use and leveraging best practices, Lewis Creek was able to exceed its water conservation goal of 30 percent water withdrawal by 2016 – a level also maintained throughout 2023.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Carbon pricing mechanisms

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

A potential risk from climate change is in the form of increased operational cost due to current and future carbon regulation including potential risks from: operational restrictions resulting from international agreements, cap/trade programs, air pollution limits, fuel/energy taxes and carbon taxes. Entergy estimates the range of potential impact using its CO2 POV – see further explanation below. Entergy conducted a carbon tax analysis in our 2019 climate report and continues to evaluate this through our CO2 POV process. In this analysis, Entergy examines a carbon tax at three levels (per ton of expected emissions) beginning in 2022 and escalating at different rates over the next several decades. The prices examined for this tax range from approximately 12 to 56 per ton through 2030 and are based on various carbon fee and tax proposals at the federal level. Entergy manages this risk through integrated resource planning, portfolio transformation, renewable energy integration, voluntary greenhouse gas emissions goal (through 2030) hedging techniques to mitigate market risks and policy tracking and advocacy. Entergy maintains a CO2 point of view (forward price curve) in its Investment Approval Process and integrated resource planning to test the risk of future carbon prices on investments.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased direct costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Very likely

(3.1.1.14) Magnitude

Select from:

☑ Medium-high

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

The potential financial impact value range for this risk represents Entergy's forecast high case (for the maximum) and low case (for the minimum) carbon price costs for 2032 as a representative year under the company's current CO2 POV compared to the probability weighted, reference case for a carbon price for the same year. The high case is based on a recent carbon tax proposal – for the purposes of this analysis, a carbon price begins at 41 per ton later this decade and escalates at 2.5% per year plus inflation. The low case (0) is based on a regulatory program requiring emission control standards on coal plants but would not place an actual price on carbon emissions. Entergy has committed to retiring all coal-fired capacity no later than 2030.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Pricing and credits

☑ Implement internal price on carbon

[Add row]

(3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?

Row 1

(3.2.1) Country/Area & River basin

United States of America

☑ Mississippi River

(3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

☑ Upstream value chain

(3.2.11) Please explain

Entergy's fossil generation facilities are at risk for obtaining fuel supplies during severe weather events. Examples of such occurrences are flooding in the Midwest to the extent the rail shipments of coal were curtailed and during extreme weather events when natural gas supplies were curtailed.
[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Comment
	Select from: ☑ No	*Entergy did not receive any water-related fines in 2023.*

[Fixed row]

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental opportunities identified
Climate change	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized
Water	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

☑ Use of low-carbon energy sources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.8) Organization specific description

From a strategic perspective, we are working to position ourselves to thrive in a carbon-constrained economy. Entergy operates one of the cleanest fleets in the U.S., and we believe this position, combined with expected growth, will lead to increased dispatch of our clean fleet if national carbon constraints (clean energy standard, carbon tax or cap-and-trade program) are developed. Entergy has reduced our utility CO2 intensity by nearly 39% compared to 2000. A low CO2 intensity gives the company a competitive advantage in a carbon constrained economy.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced direct costs

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

☑ High

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ No

(3.6.1.25) Explanation of cost calculation

Entergy has reduced its CO2 intensity by nearly 39% compared to 2000 through its fleet transformation initiative, retiring legacy gas units and completing nuclear uprates. Specifically, CO2 for the regulated utility and Power Purchase Agreement rate was 1,130 lb CO2/MWh in 2000; in 2023, the rate was 690 lb CO2/MWh. The projected generating capacity trend between 2020 and 2030 shows Entergy retiring hundreds of MW of older, less efficient capacity while we expect to grow our renewable capacity to 9GW by 2031. Additionally, Entergy is investing in efficient, flexible generation units that have the capability of using low- to zero-carbon hydrogen, providing a long-term green energy storage mechanism allowing for a higher penetration of renewables. Through a scenario analysis, Entergy has set a goal to reduce its utility emission rate to 50 percent of what it was in 2000 by 2030 and made a commitment to achieve net-zero emissions by 2050. These actions will further reduce exposure to a price on carbon or regulatory controls while also realizing significant fuel cost savings and growing the utility. This expected growth takes into consideration the continued investment in energy efficiency and demand side management, the capacity reserve margin benefits of operating within MISO, and the anticipated Utility sales growth through 2030 resulting from the industrial economic activity that's driving economic development along the Gulf Coast.

(3.6.1.26) Strategy to realize opportunity

Investments result in our existing generation fleet as a whole operating more efficiently and reliably. Efficient generation means fewer carbon emissions per MWh. Some of these investments are related to asset retirement, while others are investments into new assets. Continuously working and investing to reduce Entergy's carbon footprint through – investments in solar photovoltaic generation; investments in clean, efficient and flexible generation units capable of using hydrogen; previous investments in nuclear uprates to increase Entergy's percentage of non-emitting generation and ongoing investment in our existing utility nuclear facilities; and investments in energy efficiency and demand-side management. Case Study: As part of the effort to save on future CO2 cost and reduce the company's carbon footprint, Entergy has been continuously investing in various portfolio transformation initiatives. Entergy has updated our long-term supply plan to significantly increase renewable capacity; we expect to grow our renewable capacity to nearly 9 gigawatts by 2031. For the latest updates on our renewable projects and developments, see: https://www.entergy.com/renewable-energy/. Entergy's utility companies also made progress on efficient, flexible generation projects that will

meet intermittent, and baseload needs while also providing environmental, operational, and cost benefits for our customers. In 2021, Entergy completed the tax equity partnership for Searcy Solar in Arkansas and designed this innovative structure to help facilitate the economics of utility ownership while better aligning the interest of the project owner and tax equity partner. This is an important step to make renewable plant ownership the most economic choice for our customers. In 2022, we set a new milestone target to achieve 50% carbon-free energy capacity by 2030, which will require us to more than double our existing carbon-free capacity percentage while still increasing our overall capacity to meet rapid electrification.

Water

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resilience

☑ Increased resilience to impacts of climate change

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

☑ Mississippi River

(3.6.1.8) Organization specific description

Entergy deploys storm guys on critical distribution structures in open marsh areas along the coast. Storm guys are tensioned cables designed to add stability to our structures. On distribution circuits close to the Gulf Coast, we use class three (or larger) poles for trunk feeder construction. Class three poles are rated to withstand 3,000 lbs. of horizontal load. Climate change may cause flooding and storms to become more frequent. Being resilient to these occurrences is imperative to Entergy's operations.

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Unknown

(3.6.1.12) Magnitude

Select from:

☑ High

(3.6.1.26) Strategy to realize opportunity

Entergy continually prepares for storms and flooding and limits the potential damages they can cause on our systems by: • Completing at least one cycle of transmission aerial inspections before June of each year. • Continuing to identify distribution circuits with operational challenges and devices which tend to cause reliability issues and take appropriate steps to improve the performance of these facilities. • Identifying and removing dangerous trees outside of rights-of-way to prevent them from falling into our lines. • Purchasing portable batteries and mobile substation equipment for quick restoration of power when our substations are compromised by storms. • Upgrading communications systems to enhance our ability to limit the impact of outages through improved protection and controls.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.8) Organization specific description

Entergy recognizes that no one sector can tackle the challenges of climate change alone – an economy-wide effort involving all sectors is required. Entergy's regulated utilities are committed to partnering with their respective customers and other stakeholders in the transportation, industrial, commercial, residential, and governmental sectors toward decarbonization of the economy. This broader strategic engagement involves actions to move toward the beneficial electrification of other sectors, the implementation of energy efficiency initiatives that help reduce the amount of energy used and the offering of innovative customer solutions for renewable resources. For example, electrification of the transportation and industrial sectors is an important strategy for climate risk mitigation, as the overall average CO2 emission rate from the electric generating sector often is lower than that of many transportation and industrial emitters. This is especially true as the electric generating sector's overall average CO2 emission rate continues to decline

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ No

(3.6.1.25) Explanation of cost calculation

Electrification of other sectors that traditionally use fossil fuels is not only necessary to reduce economy-wide emissions, but also represents a key opportunity for Entergy's utilities. Through direct customer engagement and specific programs such as the Entergy Electric Technology Program known as eTech, Entergy's utilities partner with customers to promote the adoption of electric-powered alternatives to many applications that traditionally require fossil fuels. These efforts provide direct customer support by dedicated field representatives to customers who purchase and install select electric equipment. Customer support includes electrification consultations, assistance locating grants and grant writing support, project advisory services and direct financial incentives in the form of rebates. Electric-powered technologies offer several key benefits to end-users over existing technologies, including reduced maintenance and associated expenses, lower fuel consumption, increased workplace safety and efficiency, less noise and cleaner and healthier work environments. Other significant beneficial electrification (and emission reduction) opportunities include transportation fleets, ports, commercial facilities, and certain aspects of industrial operations.

(3.6.1.26) Strategy to realize opportunity

Entergy's operating companies, integrated customer organization, eTech offering staff, and KeyString Labs organization are working on beneficial electrification, which allows customers to realize efficiencies and environmental benefits by relying on grid power instead of fossil fuels for certain equipment and processes.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Other products and services opportunity, please specify **:**Development and/or expansion of low emission goods and services

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.8) Organization specific description

Entergy's supply plan will maintain and modernize our existing generation assets, as well as expand renewable resources and advanced generation technology. Renewables are an important part of our carbon-free energy plan. Entergy expects to grow our renewables to nearly 9 GW by 2031. Entergy is are well on our way, with approximately 1,900MW of projects approved and in development as of the end of 2023. For a list of our existing and planned renewable projects, visit: https://www.entergy.com/renewable-energy/

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Returns on investment in low-emission technology

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium

(3.6.1.26) Strategy to realize opportunity

The strategy to realize this and other renewable opportunities is focused on Entergy's utilities' respective integrated resource planning processes, requests for proposals for renewable resources, selection of projects that provide economic and other benefits to customers, regulatory approval and execution of the agreements and construction process necessary to bring the generation facilities on-line.

Water

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resilience

☑ Increased resilience to impacts of climate change

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.8) Organization specific description

Entergy recognizes the linkage between climate change and water usage and the importance of water stewardship

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.6.1.12) Magnitude

Select from:

☑ High

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ No

(3.6.1.26) Strategy to realize opportunity

Entergy plans to invest over 33 billion in capital (as of June 2024) over the next four years (2024E to 2028E) in generation assets and transmission and distribution infrastructure. Initiated in 2002, Entergy's portfolio transformation strategy incorporates cleaner, more efficient generation sources, allowing for the retirement of older, less efficient legacy units. This proposed fleet modernization is expected to drastically reduce Entergy's water withdrawal volumes, as these newer plants would withdraw significantly less water than our legacy units. Currently, 23% of our portfolio is non-emitting, mostly coming from nuclear energy. Clean, modern natural gas represents 44% of our generation capacity. Since 2000, Entergy's utilities have added over 10.5 GW of highly efficient generation. These units improve system reliability, reduce environmental impacts, and reduce costs for our customers by using less fuel. They also have lower maintenance costs and produce significantly fewer emissions than older generation.
[Add row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:

☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☑ More frequently than quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

☑ Executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☑ Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

Entergy's annual Proxy Statement covers board composition and diversity on pages 4-5 and Entergy's external Diversity and Inclusion page outlines our diversity policy from the Board to the marketplace.

(4.1.6) Attach the policy (optional)

notice-of-2024-annual-meeting-of-shareholders-and-proxy-statement-final-as-filed-pdf-3-22-24.pdf,Entergy Diversity Page.pdf
[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ General Counsel

☑ Other, please specify **:Vice President, Sustainability & Environmental Policy; Group President, Utility Operations**

☑ Board-level committee

☑ Chief Executive Officer (CEO)

☑ Chief Financial Officer (CFO)

☑ Chief Operating Officer (COO)

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify **:**Corporate Governance Committee Charter

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Reviewing and guiding annual budgets

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Overseeing and guiding public policy engagement

☑ Overseeing and guiding public policy engagement

☑ Overseeing and guiding acquisitions, mergers, and divestitures

☑ Monitoring compliance with corporate policies and/or commitments

☑ Overseeing and guiding the development of a climate transition plan

☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

☑ Reviewing and guiding innovation/R&D priorities

☑ Approving and/or overseeing employee incentives

☑ Overseeing and guiding major capital expenditures

☑ Overseeing reporting, audit, and verification processes

☑ Monitoring the implementation of a climate transition plan

(4.1.2.7) Please explain

The Board is actively and regularly engaged in the development and oversight of Entergy's climate strategy and consideration of climate change-related risks and opportunities, due to their many implications for our overall business strategy. Recognizing that we need to increase the level of renewables in our generation portfolio to continue to deliver the outcomes desired by our key stakeholders, the Board regularly engages in strategic discussions about potential paths to achieving that objective. The Board also engages in discussion of emerging clean energy technologies, such as hydrogen, battery energy storage systems, and carbon capture, use and sequestration, as well as the climate policy landscape, such as the recently enacted Inflation Reduction Act and Infrastructure Investment and Jobs Act, and the implications for our Company and stakeholders. The Board also receives regular briefings to help better understand how we benchmark against other utilities with

respect to various climate-related measures, including carbon emissions rates, relative ownership of zero carbon-emitting generation resources and net-zero carbon goals. The Board is briefed regularly on progress toward Entergy's 2030 carbon emission intensity and 2050 net-zero climate goals and reviewed and discussed our 2022 climate report and new climate goal to achieve 50% carbon free energy capacity by 2030. The Board also provides valuable input and oversight in the development of our strategy to support customer demands for more sustainable service offerings and assist customers in meeting their own sustainability goals through clean energy expansion and electrification. In addition, the Board is briefed regularly on the impacts of and recovery from extreme weather events and is overseeing the implementation of a strategy to substantially accelerate resilience investments to strengthen the ability of our transmission and distribution systems to withstand more frequent and severe major storm events. Corporate Governance Charter: https://cdn.entergy.com/userfiles/content/investor_relations/pdfs/CorpGovCharter.pdf Additional responsibilities detailed in these announcements: https://www.entergynewsroom.com/leadership/marcus-brown/ https://www.entergynewsroom.com/news/entergy-corporation-names-john-weiss-as-vice-president-sustainability-environmental-policy/

Water

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board chair

☑ Other, please specify **:Vice President, Sustainability & Environmental Policy; Director, Corporate Risk**

☑ General Counsel

☑ Board-level committee

☑ Chief Executive Officer (CEO)

☑ Chief Operating Officer (COO)

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify **:**Audit Committee Charter and Governance Committee Charter

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

☑ Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

Entergy's CEO has the overarching responsibility for managing risk including water management risk, executing strategy that positions the company to prosper in a carbon constrained economy and ensuring actions are taken to meet Entergy's environmental strategy. Additionally, the CEO chairs the Board of Directors and oversees Entergy's entire corporate structure, governance, and management. Details can be found in our Audit Committee Charter: https://cdn.entergy.com/userfiles/content/investor_relations/pdfs/AuditCharter.pdf Corporate Governance Committee Charter: https://cdn.entergy.com/userfiles/content/investor_relations/pdfs/CorpGovCharter.pdf

Biodiversity

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board chair

☑ Chief Executive Officer (CEO)

☑ Other, please specify **:**Vice President, Sustainability & Environmental Policy

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify **:**Audit Committee Charter and Corporate Governance Committee Charter

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

Entergy's approach to protecting and creating biodiversity benefits is guided by our Environmental Vision Statement, detailed in our Environmental Management System Policy and Avian and Wildlife Protection Standard. Entergy endeavors to support biodiversity through the adoption and implementation of protective corporate policies and by investing in conservation projects and environmental initiatives that conserve biodiversity and local ecosystems and through restoration of wetlands and other important biodiversity habitats Audit Committee Charter: https://cdn.entergy.com/userfiles/content/investor_relations/pdfs/AuditCharter.pdf Corporate Governance Committee Charter: https://cdn.entergy.com/userfiles/content/investor_relations/pdfs/CorpGovCharter.pdf
[Fixed row]

(4.2) Does your organization's board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)

☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

☑ Executive-level experience in a role focused on environmental issues

☑ Experience in the environmental department of a government (national or local)

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Academic

☑ Undergraduate education (e.g., BSc/BA in environment and sustainability, climate science, environmental science, water resources management, environmental engineering, forestry, etc.), please specify **:**Bachelor of Science in Ocean Engineering

Experience

☑ Executive-level experience in a role focused on environmental issues

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue
Climate change	*Select from:* ☑ Yes
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

The Chair and CEO is the highest-ranking executive in charge of the company. The CEO also serves as chair of the Board of Directors, oversees Entergy's entire corporate structure, governance and management, and has overarching responsibility for managing risk including climate change risk, and executing strategy that positions the company to prosper in a carbon constrained economy. This includes overseeing the actions and strategies to meet Entergy's climate goals: our 2030 voluntary 50% emission rate reduction goal, our new 50% carbon-free energy capacity goals and our 2050 net-zero commitment.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

Entergy's CEO has the overarching responsibility for managing risk including water management risk, executing strategy that positions the company to prosper in a carbon constrained economy and ensuring actions are taken to meet Entergy's environmental strategy. Additionally, the CEO chairs the Board of Directors and oversees Entergy's entire corporate structure, governance, and management.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

At the executive level, environmental stewardship was one of Entergy's annual incentive program performance goals for 2023. The annual incentive program motivates and rewards executives for financial performance as well as performance on key ESG measures during the year and incentivizes behaviors that serve our four stakeholders – customers, employees, communities, and owners. During 2023, Entergy reached a 105% level of achievement with respect to the environmental stewardship performance measure.
[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

Climate change

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:
☑ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

40

(4.5.3) Please explain

Variable incentive compensation for executives includes financial and nonfinancial measures. For 2023, non-financial measures (i.e., safety, diversity, inclusion & belonging, environmental stewardship and customer net promoter score) determined 40% of the Entergy Achievement Multiplier (EAM), which is the performance metric used to determine the maximum funding available for annual incentive awards. The EAM includes an assessment of progress toward environmental commitments through performance on key initiatives, including measurement of initiatives to drive emissions rate reduction goals, company and customer electrification and climate resilience. These company actions and customer offerings are important actions for creating sustainable shareholder value and are a key business strategy.

Water

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:
☑ No, and we do not plan to introduce them in the next two years

[Fixed row]

(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Corporate executive team

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Other targets-related metrics, please specify **:**Implementation of an emissions reduction initiative

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

Variable incentive compensation for executives includes financial and nonfinancial measures. For 2023, non-financial measures (i.e., safety, diversity, inclusion & belonging, environmental stewardship and customer net promoter score) determined 40% of the Entergy Achievement Multiplier (EAM), which is the performance

metric used to determine the maximum funding available for annual incentive awards. The EAM includes an assessment of progress toward environmental commitments through performance on key initiatives, including measurement of initiatives to drive emissions rate reduction goals, company and customer electrification and climate resilience. These company actions and customer offerings are important actions for creating sustainable shareholder value and are a key business strategy.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The incentive design includes achievements with respect to our climate commitments. Entergy has committed to voluntarily reduce our CO2 emission rate to half of what it was in 2000 by 2030, achieve 50% carbon-free energy capacity by 2030 and achieve net-zero emissions by 2050. Integration of these commitments into this incentive structure supports our accountability for these results.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Senior-mid management

☑ Environment/Sustainability manager

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Other targets-related metrics, please specify **:**Implementation of an emissions reduction initiative

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

Individual awards under our funded annual incentive plans are discretionary. A variety of business objectives may be considered as part of an award determination process. Moreover, each year, the Entergy Achievement Multiplier (EAM), the funding mechanism for the majority of annual incentive plans, is evaluated and considered when setting senior executive and individual awards. For 2023, the EAM formally included an environmental stewardship measure for all eligible employees. At the beginning of the performance year, annual emission target and qualitative goals are derived from the path to meeting our 2030 emission rate goal, our 50% carbon-free energy capacity by 2030 goal, and our 2050 Net-Zero commitment. At the end of the performance year, the Talent and Compensation Committee reviews management's accomplishments against the annual emission target and qualitative goals as part of its assessment of performance with respect to the environmental stewardship measure which factors into the EAM determination.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The incentive design includes achievements with respect to our climate commitments. Entergy has committed to voluntarily reduce our CO2 emission rate to half of what it was in 2000 by 2030, achieve 50% carbon-free energy capacity by 2030 and achieve net-zero emissions by 2050. Integration of these commitments into this incentive structure supports our accountability for these results

Climate change

(4.5.1.1) Position entitled to monetary incentive

Senior-mid management

☑ Other senior-mid manager, please specify **:**Supply Chain Employee (All)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Engagement

☑ Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

We have a strategic program to engage our suppliers in an annual assessment to assess where suppliers are on their ESG journey and where we can collaborate to foster and drive our collective ESG goals – especially around climate related issues. For incentive purposes, we measure the percentage of participation among suppliers engaged to complete the assessment. We engage supply chain employees to work with the sustainability team and their suppliers to achieve or exceed our targets to meet the incentive goal.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Entergy has committed to achieve net-zero emissions by 2050. Supply chain plays an integral role in helping the company meet this commitment through supplier engagement and empowerment in reduction of their emissions and sourcing sustainable products. The ESG assessment helps drive this process as we use it to assess suppliers where they are in this space and determine where we can collaborate to advance our company's net-zero goal.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

☑ Other sustainability specialist, please specify **:**All employees

(4.5.1.2) Incentives

Select all that apply

☑ Other, please specify **:**Internal company award

(4.5.1.3) Performance metrics

Engagement

☑ Implementation of employee awareness campaign or training program on environmental issues

☑ Other engagement-related metrics, please specify **:**Participation in climate-related volunteerism

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

Entergy recognizes employees for participation in climate-related activities including climate/adaptation issue advocacy, communicating climate change issues and participation in climate-related volunteerism.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

All employees, regardless of their everyday role, contribute to our climate goals. Entergy recognizes and celebrates achievements of our employees within the organization and across our communities.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

☑ Other sustainability specialist, please specify **:**All employees

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Emission reduction

☑ Reduction in emissions intensity

☑ Reduction in absolute emissions

☑ Other emission reduction-related metrics, please specify :Electrification

Policies and commitments

☑ Increased supplier compliance with environmental requirements

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

Entergy piloted a comprehensive performance dashboard focused on creating sustainable value for the company's 4 key stakeholders. After this pilot was completed, a more comprehensive suite of sustainability-focused measures was integrated into the 2021 to 2023 annual incentive structure for all employees. One of these measures is focused, among other things, on our utility CO2 emission rate, including both owned assets and purchased power, ensuring that the trajectory is consistent with the 2030 goal.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

This quantitative measure is supplemented with a qualitative evaluation of several initiatives designed to enhance our portfolio transformation, electrification, customer engagement and climate resilience. The company will continue to refine its process for setting goals, assessing performance, and determining annual financial incentives for all employees, including performance against climate and environmental stewardship targets.
[Add row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from: ☑ Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Climate change

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance

☑ Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

☑ Commitment to net-zero emissions

Additional references/Descriptions

☑ Reference to timebound environmental milestones and targets

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ Yes, in line with the Paris Agreement

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

2022-Climate.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

☑ Biodiversity

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to avoidance of negative impacts on threatened and protected species

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance

Climate-specific commitments

☑ Other climate-related commitment, please specify **:**Emissions monitoring and reporting

Water-specific commitments

☑ Commitment to control/reduce/eliminate water pollution

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

Environmental-Health-Safety-Policy.pdf
[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

Select from:

☑ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

☑ Global Reporting Initiative (GRI) Community Member

☑ Task Force on Climate-related Financial Disclosures (TCFD)

☑ Other, please specify :ISSB/SASB, Clean Energy Accounting Project

(4.10.3) Describe your organization's role within each framework or initiative

Entergy reports their climate-related disclosures aligned to the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD); Entergy aligns their ESG reporting aligned to both the Global Reporting Initiative and the Sustainability Accounting Standards Board/International Sustainability Standards Board (SASB/ISSB). Entergy was a founding member of the Clean Energy Accounting Project (CEAP) with Center for Resource Solutions (CRS) to remove barriers to grid decarbonization.
[Fixed row]

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply

☑ Yes, we engaged directly with policy makers

☑ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:

☑ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply

☑ Paris Agreement

(4.11.4) Attach commitment or position statement

Climate-Policy-Priorities-Advocacy.pdf

(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan

x
[Fixed row]

(4.11.1) On what policies, laws, or regulations that may (positively or negatively) impact the environment has your organization been engaging directly with policy makers in the reporting year?

Row 1

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Environmental Protection Agency Clean Air Act Section 111 Rule

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☑ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Environmental impacts and pressures

☑ Emissions – CO2

☑ Emissions – methane

☑ Emissions – other GHGs

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☑ National

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☑ United States of America

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

☑ Ad-hoc meetings

☑ Submitting written proposals/inquiries

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Proposed CO2 emission regulation standards impact Entergy's existing coal and gas steam generating units, as well as any new combustion turbine generating units. Regulation aligns to Entergy's overall transition strategy.

Row 2

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Inflation Reduction Act

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☑ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Financial mechanisms (e.g., taxes, subsidies, etc.)

☑ Subsidies on infrastructure

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☑ National

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☑ United States of America

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

The Inflation Reduction Act of 2022 (IRA), signed into law on August 16, 2022, significantly expanded federal tax incentives for clean energy production, including the extension of production tax credits to solar projects and certain qualified nuclear power plants. Entergy and the Registrant Subsidiaries are closely monitoring any potential impact associated with the expansion of federal tax incentives, the 1% excise tax, and CAMT. Based on initial guidance and current internal forecasts, Entergy and the Registrant Subsidiaries may be subject to the CAMT beginning in the next two to four years. In June 2023, the IRS issued temporary and proposed regulations related to applicable tax credit transferability and direct pay provisions of the IRA. In August 2023 the IRS issued proposed regulations related to the prevailing wage and apprenticeship requirements under the IRA. Entergy and the Registrant Subsidiaries are closely monitoring any potential effects associated with such federal tax incentives to assess the expected future effects on their results of operations, cash flows, and financial condition. The IRA helps enable Entergy's climate goals and assists Entergy in balancing environmental stewardship, affordability and reliability for our customers.

[Add row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

North America

☑ Edison Electric Institute (EII)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☑ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☑ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

EEI believes efforts to further reduce GHG emissions should involve all sectors of the economy and seek to minimize their cumulative effects on costs to customers, impact on the economy, and the reliability of the electric system. Electric utilities will continue their efforts to transition to a cleaner, more modern electric generating fleet, help improve energy efficiency, and electrify the transportation sector. EEI supports R&D to accelerate deployment of Carbon Capture and Sequestration (CCS) and advocates for laws and regulation to remove barriers to implementation. Entergy is an EEI member company and actively participates on EEI's Executive Committee, Environmental Committee, Legislative Committee and GHG Committee, where it shares its points of view on climate change and clean energy policy. Entergy's CEO serves on the Executive Committee, and the VP Sustainability and Environmental Policy serves on the substantive Executive Environmental Advisory Committee. Entergy's CEO also serves on the Board of Directors.

Row 3

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

North America

☑ US Chamber of Commerce

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☑ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☑ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

The U.S. Chamber of Commerce believes that durable climate policy must be made by Congress, and that it should encourage innovation and investment to ensure significant emission reductions while avoiding economic harm for businesses, consumers and disadvantaged communities. The Chamber states that this policy should include well designed market mechanisms that are transparent and not distorted by overlapping regulations. They go on to state that U.S. climate policy should recognize the urgent need for action, while maintaining the national and international competitiveness of U.S. industry and ensuring consistency with free enterprise and free trade principles. Entergy leveraged their position to influence policy direction and positions related to climate change. Beyond regular participation in board meetings, Entergy worked to influence positions by participation in specific policy discussions and surveys.

Row 4

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:

☑ Non-Governmental Organization (NGO) or charitable organization

(4.11.2.3) State the organization or position of individual

Center for Climate and Energy Solutions (C2ES)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☑ Consistent

Row 5

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:

☑ Non-Governmental Organization (NGO) or charitable organization

(4.11.2.3) State the organization or position of individual

Nuclear Energy Institute (NEI)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

Row 6

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:

☑ Non-Governmental Organization (NGO) or charitable organization

(4.11.2.3) State the organization or position of individual

Third Way

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

Row 7

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.3) State the organization or position of individual

Class of '85

Row 8

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.3) State the organization or position of individual

Cross-Cutting Issues Group (CCIG)
[Add row]

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

☑ In mainstream reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

☑ Biodiversity

(4.12.1.4) Status of the publication

Select from:

☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Strategy
☑ Emission targets
☑ Emissions figures
☑ Value chain engagement
☑ Biodiversity indicators
☑ Water accounting figures
☑ Content of environmental policies

(4.12.1.6) Page/section reference

28-34

(4.12.1.7) Attach the relevant publication

EntergyPR2023-04.08.2024.pdf

Row 2

(4.12.1.1) Publication

Select from:
☑ In mainstream reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply
☑ Climate change
☑ Water
☑ Biodiversity

(4.12.1.4) Status of the publication

Select from:
☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Strategy
☑ Governance
☑ Emission targets
☑ Emissions figures
☑ Risks & Opportunities
☑ Public policy engagement

(4.12.1.6) Page/section reference

239-241; 275-281; 300-303-

(4.12.1.7) Attach the relevant publication

2023-form-10-k.pdf
[Add row]

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:
☑ Yes

(5.1.2) Frequency of analysis

Select from:
☑ Not defined

Water

(5.1.1) Use of scenario analysis

Select from:
☑ Yes

(5.1.2) Frequency of analysis

Select from:
☑ Not defined
[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization’s scenario analysis.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☑ Customized publicly available climate transition scenario, please specify :EPRI Compilation of Climate Scenarios

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

☑ Chronic physical

☑ Policy

☑ Market

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.6ºC - 1.9ºC

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030
☑ 2040
☑ 2050
☑ 2060

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Climate change (one of five drivers of nature change)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Comparison of the illustrative case presented herein to climate scenarios developed by others gives some necessary context and provides our stakeholders with assurance that our plan is consistent with current climate science. The Intergovernmental Panel on Climate Change assembles and evaluates over 1,000 climate scenarios produced by various organizations. This includes hundreds of scenarios that provide a range of pathways to the outcomes the experts say is necessary to limit global warming and avoid the worst impacts of climate change. For this analysis we look to a compilation of scenarios consistent with a future limiting global warming to below 2C and to 1.5C. This compilation provides us with a comparison of our illustrative pathway to a broad range of pathways consistent with these futures, including the IPCC and International Energy Agency 7 scenarios. Entergy's objective of lowering emissions and meeting the clean energy demand of our customers compares favorably with these pathways. This approach not only helps to overcome uncertainty associated with global and sub-global climate modeling, but it also helps to address other uncertainties associated with translating global goals into company-specific strategies and actions. Company-specific facts, regional differences, business objectives, regulatory pressures and the need for flexibility must be considered, meaning that there are many different pathways and approaches that would be consistent with achieving global climate goals. Additionally, many of these scenarios assume geopolitical stability, global international cooperation and technology advancements that may not materialize. We charted the projected percent reduction in absolute emissions from 2000 levels based on our illustrative case against the compiled broad range of climate scenarios. Most climate experts and scenarios rely on the electric sector to transition earlier than other sectors to support decarbonization of the broader economy. Notably, Entergy's illustrative pathway is well within the broad range of scenarios consistent with a future that limits warming to 1.5C and on the low end of the full set of scenarios. Additionally, Entergy's forecasted 2030 emission rate (449 lbs per MWh) falls between the 2030 emission rate for the electric sector presented by the IEA Sustainable Development Scenario (525 lbs per MWh) and the IEA Net Zero Energy scenario (343 lbs per MWh).
[Add row]

(5.1.2) Provide details of the outcomes of your organization's scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

☑ Risk and opportunities identification, assessment and management

☑ Strategy and financial planning

☑ Resilience of business model and strategy

☑ Capacity building

☑ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

☑ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

Entergy's rate is showing decarbonization progress in-line or even faster than some 1.5 to 2C scenarios. As our transition plan evolves and climate scenarios are published, we will continue to evaluate our plan to ensure the actions we are taking are consistent with the latest climate science and scenario analyses. Read more in our 2022 Climate Report: https://cdn.entergy.com/userfiles/content/environment/docs/2022-Climate.pdf
[Fixed row]

(5.2) Does your organization's strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:

☑ No, but we have a climate transition plan with a different temperature alignment

(5.2.2) Temperature alignment of transition plan

Select from:

☑ Well-below 2°C aligned

(5.2.3) Publicly available climate transition plan

Select from:

☑ Yes

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:

☑ No, and we do not plan to add an explicit commitment within the next two years

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

☑ We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

We approach shareholder engagement as an integrated, year-round process to share our perspective and solicit feedback on our strategy and performance. Our shareholders have shown interest in our net-zero transition, interim goals, progress on renewable generation and the role of offsets and nuclear. Shareholder feedback has led to enhancements in our strategy, transparency and performance, such as adding environmental, social and governance measures to our annual incentive plans, mapping our disclosures to the standards established by the Sustainability Accounting Standards Board and adding sustainability background and qualifications to director profiles in our proxy statement. We will continue to evolve our transition strategy through strong relationships with our owners while maintaining steady and predictable earnings and dividend growth, along with strong credit and liquidity.

(5.2.9) Frequency of feedback collection

Select from:

☑ More frequently than annually

(5.2.12) Attach any relevant documents which detail your climate transition plan (optional)

2022-Climate.pdf
[Fixed row]

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:

☑ Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

☑ Products and services

☑ Upstream/downstream value chain

☑ Investment in R&D

☑ Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

	Effect type	Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area
Products and services	*Select all that apply* ☑ Risks ☑ Opportunities	*Select all that apply* ☑ Climate change ☑ Water
Upstream/downstream value chain	*Select all that apply* ☑ Risks ☑ Opportunities	*Select all that apply* ☑ Climate change ☑ Water
Investment in R&D	*Select all that apply*	*Select all that apply*

	Effect type	Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area
	☑ Risks ☑ Opportunities	☑ Climate change ☑ Water
Operations	*Select all that apply* ☑ Risks ☑ Opportunities	*Select all that apply* ☑ Climate change ☑ Water

[Add row]

(5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: ☑ No, and we do not plan to in the next two years

[Fixed row]

(5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

(5.5.1) Investment in low-carbon R&D

Select from:

☑ Yes

(5.5.2) Comment

Similar to the industry, Entergy is transitioning to cleaner, low-to-zero emitting technologies ranging from those that exist today to those that have yet to mature. Our transformation sets us on a path to achieve net-zero by 2050 and encompasses decarbonization of energy generating assets, implementation of new solutions and technologies in transmission and distribution support of energy efficient solutions for our customers.
[Fixed row]

(5.5.7) Provide details of your organization's investments in low-carbon R&D for your sector activities over the last three years.

Row 1

(5.5.7.1) Technology area

Select from:

☑ Smart grid integration

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Full/commercial-scale demonstration

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Entergy has spent the last several years deploying modern grid technologies that offer a range of benefits to customers with the installation of 3 million advanced meters. These meters allow for two-way communication between Entergy and our customers, enabling customers to understand and manage energy use, as well as helping Entergy customer service to answer billing and service questions more efficiently and accurately. Entergy will continue to invest in smart grid integration, such as in distribution reliability, automation and other informed insights from advanced meter installations as we accelerate our carbon-free energy portfolio in the next five years.

Row 3

(5.5.7.1) Technology area

Select from:

☑ Other, please specify **:**Hydrogen & Geothermal

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Entergy is evaluating options for using hydrogen as an alternative fuel source in our modern natural gas power plants and gas distribution system and exploring green and renewable hydrogen technologies. Increasingly, it appears that low-to zero-carbon hydrogen represents one of the technology evolutions that may be needed to continue the transformation of our portfolio toward net-zero. Given the large amount of industry located in our region, we already have the demand and foundational infrastructure to enable clean hydrogen production. Clean hydrogen provides diverse reliability and sustainability benefits through its applications as a dual fuel paired with natural gas and by providing a key pathway to ensure that highly flexible, load-following power generation resources have a line of sight into operations in a net-zero world. Entergy has also been exploring geothermal opportunities in our region where little geothermal assets currently exist. Entergy continues to evaluate if it is an affordable, reliable, and sustainable option to add to our transition portfolio.

Row 4

(5.5.7.1) Technology area

Select from:

☑ Demand response

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Full/commercial-scale demonstration

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Demand response efforts include heat pump programming, interstate truck travel hubs, managed charging for EVs, demand charge limiters on EV tariffs, customized fleet electrification advisory services, etc and other electrification with demand flexibility opportunities to enable our transition.

Row 5

(5.5.7.1) Technology area

Select from:

☑ Nuclear energy generation

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Nuclear energy is a key component of our long-term sustainability goals. We will continue to observe industry developments in advanced nuclear technology and SMRs to meet customer needs. SMRs offer an attractive option to help us meet our 2050 net-zero emission commitment. SMRs offer several benefits, featuring reduced capital costs and opportunities for incremental power additions, as well as supplying base load for load-following electricity. In addition, SMRs generally rely on passive safety systems, requiring no manual intervention or externally applied forces to safely shut down. They also are physically smaller and paring SMRs with renewable resources would provide complementary technology that does not depend on natural resource availability or time of day. Entergy is engaging with industry nonprofit organizations to investigate SMRs for energy uses beyond electricity (e.g. industrial process heat by generating steam), which could support an even larger decarbonization potential for customers. To further explore advanced nuclear technology, Entergy entered a memorandum of agreement with Holtec International for an evaluation of the potential installation of one or more SMRs in our service area. Through this agreement, Entergy will evaluate the potential for Holtec's SMR-160 system to help meet our net-zero commitment through its inherent safety, modularity, operational simplicity, small footprint, and proven light water reactor technology. Entergy is also exploring options with our industrial customers with SMRs as a potential energy source to decrease both Entergy and customer Scope 1 and 2 emissions.

Row 6

(5.5.7.1) Technology area

Select from:

☑ Wind energy generation

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Historically, on-shore wind has not been a resource in Entergy's service territory. Today, Entergy is exploring both onshore and offshore wind opportunities. Offshore wind in particular has the potential to bring multiple benefits to our customers in the Gulf South region, as we are ideally situated to accommodate delivery of offshore wind energy production while also supporting advances in green hydrogen production. However, because the Gulf of Mexico is prone to frequent hurricanes, the development of offshore wind will depend on advancing the capability of wind energy generation equipment and transmission infrastructure to withstand sustained hurricane force winds. While our long-term transmission and supply planning models do not currently forecast when deployment of offshore wind technology will be economic, Entergy is optimistic about the additional development of offshore wind projects in the northeast US, operational and cost improvements will continue given the enthusiastic response of wind energy developers in the recent Gulf of Mexico wind energy leasing activity by the BOEM. For offshore wind resources in the Gulf of Mexico to be included in Entergy's longer-term transmission and supply planning, cost projections will need to demonstrate a net-benefit for our key stakeholders. In 2023, Entergy entered into a MOU with RWE to analyze the Gulf of Mexico offshore wind market and evaluate the delivery of clean energy from offshore wind to industrial customers in Texas and Louisiana. Future investments in wind depend on results of studies, financial models, regulatory approvals, etc. Additionally, in 2023, Entergy partnered with the University of New Orleans (UNO) and The Beach at UNO to develop an innovation program to further develop renewable energy in our region through an initiative called the Louisiana Wind Energy Hub's Wind Scholars Program. Five UNO engineering students will participate in the program, each receiving scholarships along with the opportunity for a paid internship, including one at Entergy during 2024.

Row 7

(5.5.7.1) Technology area

Select from:

☑ Carbon capture, utilization, and storage (CCUS)

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Entergy sees Carbon Capture and Storage (CCS) as a pathway for Entergy to meet customers' demand for low-carbon power in an affordable and reliable manner, with a key focus on around-the-clock dispatchable energy production. For that reason, Entergy is evaluating the deployment of CCS technology for our existing and future fleet to support decarbonization objectives. There are several tailwinds that support Entergy's ability to advance a successful CCS project, including federal 45Q tax credits, favorable geology, and Class VI permitting state primacy helping to advance permitting review in Louisiana. Additional key supporting factors that can drive economies of scale for CCS in our region, including heavy industrial clusters and the already existing CO2 pipeline network. We are actively evaluating CCS opportunities. For example, in May 2023, Entergy was awarded funding by the DOE to conduct a Front-End Engineering Design (FEED) study to provide an integrated CCS solution for the Lake Charles Power Station. The core technology for CCS is well established and while CCS in the power generation space is nascent, advanced combined cycle power plants with CCS presents Entergy with the opportunity to generate cost-effective lower carbon electricity to meet our customer demand, prevent stranded assets and comply with imminent regulation.

Row 8

(5.5.7.1) Technology area

Select from:

☑ Solar energy generation

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Full/commercial-scale demonstration

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

We expect to grow renewable capacity to nearly 9 gigawatts by 2031. As our customers evaluate opportunities for growth and decarbonization, we believe the resulting demand for clean energy may drive this investment even higher. While we have historically invested in R&D of solar, we are moving into tangible product and service offerings of solar over the next 5 years; thus, future spend in this area is portrayed more in capital investment rather than R&D dollars. Our renewable energy facilities, including those operational, under construction and announced, can be viewed on the Renewable energy section of our webpage: https://www.entergy.com/renewable-energy/

Row 9

(5.5.7.1) Technology area

Select from:

☑ Battery storage

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Full/commercial-scale demonstration

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Services provided by Battery energy storage Systems (BESS) can support deployment of additional renewable capacity, grid enhancement, resilience and customer electrification efforts. Current use cases of lithium-ion battery technology are predominately applied to discharge times that are four-hours or less to provide peak shaving capabilities and voltage support. When paired with solar, BESS can shift some solar energy production to late afternoon hours, mitigating the ramping requirement created by the decline in solar energy production as the sun sets. When efficiently integrated into the electric grid, BESS has the potential to provide transmission and distribution grid benefits by avoiding or delaying investments that would be required to address line overloads that occur under peak conditions. In 2022, Entergy commissioned the Searcy Solar Energy Center in Arkansas, a 100MW solar plant that includes 10MW of lithium-ion battery storage. We now are evaluating additional battery storage technologies and use cases across our system at both utility-scale and at the distribution level.

Row 10

(5.5.7.1) Technology area

Select from:

☑ Other, please specify **:**Electrification

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Full/commercial-scale demonstration

(5.5.7.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

Customer conversion of energy needs currently served by fossil fuels to electricity can result in net emission reductions. Since 2015, Entergy's eTech program has offered incentives, advisory services and grant-writing assistance to customers who purchase select electric technology. By 2020, eTech had recorded 40 million in revenue to Entergy, generating over 206 GWhs, assisting with the installation of 5,500 pieces of equipment and reducing CO2 emissions by 73,000 metric tons. Innovative customer offerings on Shore Power, EVs and fleet electrification are in various stages of evolution and implementation and will be a key piece of Entergy's enablement of our climate transition plan
[Add row]

(5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities	Environmental externality priced
	Select from: ☑ Yes	*Select all that apply* ☑ Carbon

[Fixed row]

(5.10.1) Provide details of your organization's internal price on carbon.

Row 1

(5.10.1.1) Type of pricing scheme

Select from:
☑ Shadow price

(5.10.1.2) Objectives for implementing internal price

Select all that apply

☑ Navigate regulations
☑ Drive energy efficiency
☑ Drive low-carbon investment
☑ Identify and seize low-carbon opportunities
☑ Setting and/or achieving of climate-related policies and targets
☑ Incentivize consideration of climate-related issues in decision making
☑ Incentivize consideration of climate-related issues in risk assessment

(5.10.1.3) Factors considered when determining the price

Select all that apply

☑ Alignment with the price of a carbon tax
☑ Alignment with the price of allowances under an Emissions Trading Scheme
☑ Cost of required measures to achieve climate-related targets

(5.10.1.4) Calculation methodology and assumptions made in determining the price

Entergy's corporate Point of View (POV) is that national carbon regulation or pricing for the power generation sector will occur; however, the timing, design, and outcome of any carbon control program remain uncertain. Entergy's CO2 POV recognizes the uncertainty caused by these varying federal approaches by modeling a range of potential policies and timing based on federal and major state policy actions as well as potential longer-term trends and policies to limit CO2 emissions. The impact of these policies on the power sector is then modeled using ICF's Integrated Planning Model (IPM) platform, including the development of a CO2 allowance price. The POV places a potential price on carbon, which may take the form of several different policy options. Under a carbon tax/fee policy approach, the allowance price reflects the marginal cost of compliance. Such a program could be implemented by paying a tax or by switching toward less carbon-intensive fuels, shifting dispatch toward more efficient resources, and building less carbon-intensive generation sources such as renewables, new/uprated nuclear generation or other advanced technology options such as the use of carbon capture and/or low- to zero-carbon hydrogen. The individual case model outputs are then probability-weighted, according to ICF's professional judgement and based on the likelihood of the outcomes and used to develop the company's POV on a representative CO2 price.

(5.10.1.5) Scopes covered

Select all that apply

☑ Scope 1
☑ Scope 2
☑ Scope 3, Category 2 - Capital goods
☑ Scope 3, Category 6 - Business travel
☑ Scope 3, Category 7 - Employee commuting
☑ Scope 3, Category 11 - Use of sold products
☑ Scope 3, Category 13 - Downstream leased assets
☑ Scope 3, Category 1 - Purchased goods and services
☑ Scope 3, Category 5 - Waste generated in operations
☑ Scope 3, Category 4 - Upstream transportation and distribution

☑ Scope 3, Category 3 - Fuel- and energy-related activities (not included in Scope 1 or 2)

(5.10.1.6) Pricing approach used – spatial variance

Select from:
☑ Uniform

(5.10.1.8) Pricing approach used – temporal variance

Select from:
☑ Evolutionary

(5.10.1.10) Minimum actual price used (currency per metric ton CO2e)

0

(5.10.1.11) Maximum actual price used (currency per metric ton CO2e)

39.3

(5.10.1.13) Internal price is mandatory within business decision-making processes

Select from:
☑ Yes, for some decision-making processes, please specify **:**Those with a substantial carbon impact and those investments north of $15 million

(5.10.1.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:
☑ Yes
[Add row]

(5.11) Do you engage with your value chain on environmental issues?

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water

[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

Climate change

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☑ Contribution to supplier-related Scope 3 emissions

(5.11.1.3) % Tier 1 suppliers assessed

Select from:
☑ 26-50%

Water

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:
☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply
☑ Dependence on water

(5.11.1.3) % Tier 1 suppliers assessed

Select from:
☑ 26-50%
[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:
☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply
☑ Business risk mitigation

☑ Material sourcing
☑ Procurement spend
☑ Regulatory compliance
☑ Strategic status of suppliers
[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance
Climate change	*Select from:* ☑ Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts	*Select from:* ☑ Yes, we have a policy in place for addressing non-compliance

[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:
☑ Environmental disclosure through a non-public platform

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit
☑ Supplier self-assessment

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage
[Add row]

(5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:
☑ Emissions reduction

(5.11.7.3) Type and details of engagement

Capacity building
☑ Provide training, support and best practices on how to measure GHG emissions
☑ Provide training, support and best practices on how to mitigate environmental impact
☑ Support suppliers to set their own environmental commitments across their operations

Information collection
☑ Collect GHG emissions data at least annually from suppliers
☑ Collect targets information at least annually from suppliers
☑ Other information collection activity, please specify :ESG Questionnaire measuring supplier performance

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 26-50%

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Circular economy

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☑ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

☑ Collaborate with suppliers to develop reuse infrastructure and reuse models

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 26-50%

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Upstream value chain transparency and human rights

(5.11.7.3) Type and details of engagement

Capacity building

☑ Other capacity building activity, please specify :Diverse & local certification, supplier peer-to-peer mentorship, safety and cybersecurity

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 100%

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ Yes, please specify the environmental requirement :Diverse and local suppliers, Human Rights

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Waste and resource reduction and improved end-of-life management

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☑ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

☑ Collaborate with suppliers to develop reuse infrastructure and reuse models

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 26-50%

[Add row]

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

	Environmental initiatives implemented due to CDP Supply Chain member engagement
	Select from:

	Environmental initiatives implemented due to CDP Supply Chain member engagement
	☑ No, and we do not plan to within the next two years

[Fixed row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

	Consolidation approach used	Provide the rationale for the choice of consolidation approach
Climate change	*Select from:* ☑ Equity share	*Entergy reports by equity share of business activities*
Water	*Select from:* ☑ Equity share	*Entergy reports by equity share of business activities*
Biodiversity	*Select from:* ☑ Equity share	*Entergy reports by equity share of business activities*

[Fixed row]

C7. Environmental performance - Climate Change

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

(7.1.1.1) Has there been a structural change?

Select all that apply

☑ Yes, an acquisition

☑ Yes, other structural change, please specify **:**Disposition

(7.1.1.2) Name of organization(s) acquired, divested from, or merged with

Acquisitions: Walnut Bend Solar, Sunflower Solar, Searcy Solar, Hardin County Peaking Facility; Dispositions: Palisades, Indian Point Energy Center

(7.1.1.3) Details of structural change(s), including completion dates

Details of all acquisitions and dispositions can be found on pages 206-208 of our latest 10-K statement: https://s201.q4cdn.com/714390239/files/doc_financials/2023/ar/2023-form-10-k.pdf
[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?
	Select all that apply ☑ No

[Fixed row]

(7.1.3) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

	Base year recalculation
	Select from: ☑ No, because the operations acquired or divested did not exist in the base year

[Fixed row]

(7.3) Describe your organization’s approach to reporting Scope 2 emissions.

(7.3.1) Scope 2, location-based

Select from:

☑ We are reporting a Scope 2, location-based figure

(7.3.3) Comment

Entergy's Scope 2 or indirect sources of emissions include those from some purchased and consumed electricity and electrical line transmission/conversion losses. Data sources for the various emissions from and/or usage of these assets are included in our GHG Inventory. All electricity consumed in the operation of the utility generating plants and consumed in Entergy's various administrative and commercial buildings and operations are accounted for in Entergy's direct emissions for stationary combustion. However, electricity consumed by facilities outside of Entergy's service area is accounted for separately in the inventory. Additionally, line losses for self-generated and purchased electricity are accounted for by the additional generation necessary to make-up for these losses. There are no other indirect sources included in Entergy's inventory or program. You can find our GHG Inventory here: https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf
[Fixed row]

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

45957614.0

(7.5.3) Methodological details

Scope 1 emissions for the 2000 base year includes 45,555,125 metric tons CO2e of stationary combustion (power generating units, small stationary combustion at generation stations) and 56,148 metric tons CO2e of mobile combustion (corporate fleet).

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

8480.0

Scope 3 category 1: Purchased goods and services

(7.5.3) Methodological details

Purchased goods and services include lines, poles, transformers, etc. Our qualitative investigation of these materials suggests that in 2000 associated emissions from these goods and services are not material for Entergy.

Scope 3 category 2: Capital goods

(7.5.3) Methodological details

The company primarily purchases electric generation facilities that have been built; emissions associated with operation of these facilities are reported as Scope 1 or Scope 2 as appropriate.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

37621768.0

(7.5.3) Methodological details

Includes purchased power (16,009,000) and gas supplier emissions- gas delivery (primarily CH4, but does include other GHGs; 21,612,768)

Scope 3 category 4: Upstream transportation and distribution

(7.5.3) Methodological details

Emissions from any assets leased and operated by Entergy are incorporated into the company's scope 1 or scope 2 reporting.

Scope 3 category 5: Waste generated in operations

(7.5.3) Methodological details

Entergy's largest single-type non-hazardous waste stream is coal ash, the majority of which historically has been recycled and used for building materials. Therefore, the Scope 3 emissions from third-party disposal and treatment of this waste are not material to Entergy.

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

6927.0

(7.5.3) Methodological details

Travel by air, rental car, hotel stays and personal vehicles.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

47225.0

(7.5.3) Methodological details

Upstream leased assets include Entergy operated vehicles; emissions of these vehicles are reported in the company's Scope 1 emissions.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2000

(7.5.2) Base year emissions (metric tons CO2e)

1548320.0
[Fixed row]

(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?

Reporting year

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

35996463

(7.6.3) Methodological details

Entergy’s Scope 1 or direct emissions are included in the following categories: Stationary combustion: Entergy’s direct sources of GHGs include emissions from the direct combustion of fossil-fuels in electrical generation boilers, combustion turbines, and small sources at company facilities. In 2022, generators from power delivery sites and service centers and Power Through customer projects were added to the small stationary combustion category. Mobile Combustion: Fossil fuels combusted in company fleet vehicles, including corporate aircraft. Fugitive Emissions: Methane (CH4) from natural gas distribution systems, SF6 from power transmission and distribution equipment, and HFCs from building HVAC systems and mobile air conditioning sources (vehicles).
[Fixed row]

(7.7) What were your organization’s gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

157

(7.7.4) Methodological details

Entergy's Scope 2 or indirect sources of emissions include those from some purchased and consumed electricity and electrical line transmission/conversion losses. Data sources for the various emissions from and/or usage of these assets are included in our GHG Inventory. All electricity consumed in the operation of the utility generating plants and consumed in Entergy's various administrative and commercial buildings and operations are accounted for in Entergy's direct emissions for stationary combustion. However, electricity consumed by facilities outside of Entergy's service area is accounted for separately in the inventory. Additionally, line losses for self-generated and purchased electricity are accounted for by the additional generation necessary to make-up for these losses. There are no other indirect sources included in Entergy's inventory or program. You can find our GHG Inventory here: https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf
[Fixed row]

(7.8) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

3269142

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Spend-based method

(7.8.5) Please explain

This optional category was estimated using 2023 supply chain spend data, categorized into EPA Commodity classifications, and multiplied by EPA Supply Chain Emission Factors for US Industries and Commodities. Because the EPA emissions factors related to 2021 purchaser prices, an inflation adjustment of 0.9 was applied to translate 2023 purchases into 2021 prices leveraging GDP, CPI and PPI. Spend was divided between 'purchased goods and services" and "capital goods" to align to Greenhouse Gas Protocol framework by separating between capital and O&M cost sourcing, then broken down into industry/commodity categories aligned to EPA guidance. The full calculation methodology is shown on the appropriate 14 spreadsheet of Attachment 1. In 2023, this category represents 5.16% of the corporate total.

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

3690664

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.5) Please explain

This optional category was estimated using 2023 supply chain spend data with the same methodology as the preceding category, purchased goods and services. The full calculation methodology is shown on the appropriate spreadsheet of Attachment 1. In 2023, this category represents 5.83% of the corporate total.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

8665851

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Hybrid method

(7.8.5) Please explain

This category of emissions includes some of the emissions from power purchased by Entergy to supplement its own supply to meet customer demand and/or support utility operations. In some cases, the source of this power is known and an actual buying decision is made by Entergy (controllable or unit-contingent purchases). The remaining sources of purchased power are either not known (non-controllable or grid purchases) or cannot be controlled for some other reason (i.e., Qualifying Facility Puts [QF Puts] under PURPA). Under the EPA and WRI protocols, including emissions from power purchased by utilities is optional. From 2000 to 2013, Entergy opted to include all purchased power in its GHG inventory and subsequent tracking – this practice was resumed in 2021. In 2023, this category represented 13.68% of the corporate total. Purchased power information (in terms of millions of megawatt-hours) was collected. Supplier and unit-specific emission rate information from eGRID, where available, was used to develop a supplier-specific custom CO2 emissions factor (regional emission factors were used for other GHGs). If supplier-specific GHG emission factors were not available, the regional grid factor from eGRID was used as a default. The amount of controlled purchases and noncontrolled purchases were provided by Entergy's internal System Planning Group.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

8642630

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

(7.8.5) Please explain

This optional category of emissions was estimated using total gas deliveries in mmBtu to our electric utility and local distribution companies (ENO and ELL). The emissions were calculated using the 2020 NETL Industry Partnerships and their Role in Reducing Natural Gas Supply Chain Greenhouse Gas Emissions – Phase 2 Report emissions rate of 14.1g CO2e per MJ of natural gas delivered, converted to g CO2e per mmBtu. The full calculation methodology is shown on the appropriate spreadsheet of Attachment 1. In 2023, this category represented 13.65% of the corporate total.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Waste is included in both Purchased Goods and Services and Capital Goods. Waste emissions using a spend method is detailed on our GHG Inventory on page 12: https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

6374

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Hybrid method

(7.8.5) Please explain

This optional category of emissions was estimated using total distance flown, number of days/nights of car rentals, hotel nights, and employee personal car mileage as recorded over 2023 by our Travel to Reimburse Program. The airline GHG footprint estimate was provided by the AMEX travel group, emissions from car rentals and employee personal cars was calculated using EPA's Greenhouse Gas Emissions from a Typical Passenger Vehicle, and hotel night emissions calculated using EPA Indirect Emissions from Events and Conferences Guidelines 2018. The full calculation methodology is shown on the appropriate spreadsheet of Attachment 1. In 2023, this category represented 0.01% of the corporate total. Accordingly, this is a de minimus category that will be carried forward annually.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

27603

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Hybrid method

(7.8.5) Please explain

This optional category of emissions was originally estimated using employee survey data collected in 2014 and using EPA methodologies for Scope 3 emission estimations and emission factors. In early 2023, Entergy conducted a new employee commuting survey to update commuting data based on the new way of hybrid working. The full calculation methodology is shown on the appropriate spreadsheet of Attachment 1. In 2023, this category represented 0.04% of the corporate total. Accordingly, this is a de minimus category that will be carried forward annually

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Upstream leased assets include Entergy operated vehicles; emissions of these vehicles are reported in the company's Scope 1 emissions.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy delivers electrical energy from the power plant to the customers' location through transmission and distribution systems. Entergy calculates transmission and distribution losses and accounts for them as Scope 2 emissions although they are also included in Scope 1 emissions measured at the power plant.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy primarily sells electrical energy that is consumed by customers. There is no further processing of the sold electricity.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

946976

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

(7.8.5) Please explain

This optional category of emissions includes product combustion of the natural gas distributed to customers in Baton Rouge and New Orleans, the only areas of the service territory where Entergy distributes natural gas to retail customers. Entergy began including these emissions in the 2014 inventory to be consistent with the EPA Mandatory GHG Reporting Rule. This category is reported under Subpart NN of this rule; the number included in this inventory represents the number reported under this compliance program. The emission estimate provided is from calendar year 2013. In 2023, this category represented 1.50% of the corporate total.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy primarily sells electrical energy that is consumed by customers. There are no end of life treatment issues because the product is fully consumed.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

(7.8.5) Please explain

This optional category was added in 2022 to reflect an Entergy facility leased to a third party for their sole use. The facility is the Louisiana 1 power station located in Baton Rouge, Louisiana. Data was accessed via the EPA Clean Air markets Division to reflect 2022 associated emissions. The full calculation methodology is shown on the appropriate spreadsheet of Attachment 1. In 2023, this category represents 3.28% of the corporate total.

Franchises

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy does not lease downstream assets.

Investments

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy does not operate any franchises.

Other (upstream)

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy invests in electric generation facilities. The emissions of these facilities are reported in Scope 1 and Scope 2 emissions. Entergy does not provide financial services

Other (downstream)

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Entergy does not have other downstream Scope 3 emission sources.
[Fixed row]

(7.9) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	*Select from:* ☑ Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	*Select from:* ☑ Third-party verification or assurance process in place
Scope 3	*Select from:* ☑ Third-party verification or assurance process in place

[Fixed row]

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

Cventure-Entergy-2023-GHG-Inventory-Verification-Report-April-2024.pdf

(7.9.1.5) Page/section reference

1-36

(7.9.1.6) Relevant standard

Select from:
☑ ISO14064-1

(7.9.1.7) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

Cventure-Entergy-2023-GHG-Inventory-Verification-Report-April-2024.pdf

(7.9.2.6) Page/ section reference

1-36

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-1

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply
☑ Scope 3: Capital goods
☑ Scope 3: Business travel
☑ Scope 3: Employee commuting
☑ Scope 3: Use of sold products
☑ Scope 3: Downstream leased assets
☑ Scope 3: Purchased goods and services
☑ Scope 3: Upstream transportation and distribution
☑ Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)

(7.9.3.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.3.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.3.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.3.5) Attach the statement

Cventure-Entergy-2023-GHG-Inventory-Verification-Report-April-2024.pdf

(7.9.3.6) Page/section reference

1-36

(7.9.3.7) Relevant standard

Select from:
☑ ISO14064-1

(7.9.3.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

3555040

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.4) Please explain calculation

Ongoing portfolio transformation to more efficient, lower carbon generation resources and changes in customer load requirements led to a decrease year-over-year.

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

2411

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.4) Please explain calculation

Reduction in non-self generated power consumption due to divestment of an asset.
[Fixed row]

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Row 1

(7.15.1.1) Greenhouse gas

Select from:

☑ CO2

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

35845560

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fourth Assessment Report (AR4 - 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:
☑ CH4

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

60678

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fourth Assessment Report (AR4 - 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:
☑ N2O

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

51411

(7.15.1.3) GWP Reference

Select from:

☑ IPCC Fourth Assessment Report (AR4 - 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:

☑ HFCs

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

5305

(7.15.1.3) GWP Reference

Select from:

☑ IPCC Fourth Assessment Report (AR4 - 100 year)

Row 5

(7.15.1.1) Greenhouse gas

Select from:

☑ SF6

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

33508

(7.15.1.3) GWP Reference

Select from:

☑ IPCC Fourth Assessment Report (AR4 - 100 year)
[Add row]

(7.15.3) Break down your total gross global Scope 1 emissions from electric utilities value chain activities by greenhouse gas type.

Fugitives

(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

0

(7.15.3.2) Gross Scope 1 methane emissions (metric tons CH4)

45133

(7.15.3.3) Gross Scope 1 SF6 emissions (metric tons SF6)

33508

(7.15.3.4) Total gross Scope 1 emissions (metric tons CO2e)

78641

Combustion (Electric utilities)

(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

35746035

(7.15.3.2) Gross Scope 1 methane emissions (metric tons CH4)

15430

(7.15.3.3) Gross Scope 1 SF6 emissions (metric tons SF6)

0

(7.15.3.4) Total gross Scope 1 emissions (metric tons CO2e)

35761466

Combustion (Gas utilities)

(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

0

(7.15.3.2) Gross Scope 1 methane emissions (metric tons CH4)

0

(7.15.3.3) Gross Scope 1 SF6 emissions (metric tons SF6)

0

(7.15.3.4) Total gross Scope 1 emissions (metric tons CO2e)

0

(7.15.3.5) Comment

Entergy’s combustion from gas utilities is counted elsewhere.

Combustion (Other)

(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

70023

(7.15.3.2) Gross Scope 1 methane emissions (metric tons CH4)

103

(7.15.3.4) Total gross Scope 1 emissions (metric tons CO2e)

70126

Emissions not elsewhere classified

(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

0

(7.15.3.2) Gross Scope 1 methane emissions (metric tons CH4)

0

(7.15.3.3) Gross Scope 1 SF6 emissions (metric tons SF6)

0

(7.15.3.4) Total gross Scope 1 emissions (metric tons CO2e)

0

(7.15.3.5) Comment

Entergy does not have other relevant Scope 1 sources.
[Fixed row]

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

	Scope 1 emissions (metric tons CO2e)
United States of America	*35996463*

[Fixed row]

(7.17.1) Break down your total gross global Scope 1 emissions by business division.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	*Corporate*	*5305*
Row 3	*Natural Gas and Electric Transmission and Distribution (includes Gas Operations)*	*78641*
Row 4	*Electric Generation (includes Fossil Operations and Nuclear)*	*35841844*
Row 5	*Mobile Fleet*	*70672*

[Add row]

(7.17.2) Break down your total gross global Scope 1 emissions by business facility.

Row 1

(7.17.2.1) Facility

Ouachita Power

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1521632.01

(7.17.2.3) Latitude

32.7056

(7.17.2.4) Longitude

-92.0697

Row 3

(7.17.2.1) Facility

Lake Catherine

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

103270.47

(7.17.2.3) Latitude

34.4341

(7.17.2.4) Longitude

-92.9046

Row 4

(7.17.2.1) Facility

St Charles Power Station (J. Wayne Leonard)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1940988.78

(7.17.2.3) Latitude

30.0048

(7.17.2.4) Longitude

-90.4645

Row 5

(7.17.2.1) Facility

White Bluff

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2262984.91

(7.17.2.3) Latitude

34.4236

(7.17.2.4) Longitude

-92.1392

Row 6

(7.17.2.1) Facility

R S Nelson

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1415042.56

(7.17.2.3) Latitude

30.2861

(7.17.2.4) Longitude

-93.2917

Row 7

(7.17.2.1) Facility

Baxter Wilson

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2253

(7.17.2.3) Latitude

32.2831

(7.17.2.4) Longitude

-90.9306

Row 8

(7.17.2.1) Facility

Waterford

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

144210.93

(7.17.2.3) Latitude

29.9994

(7.17.2.4) Longitude

-90.4758

Row 9

(7.17.2.1) Facility

Mobile Sources

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

70672

Row 10

(7.17.2.1) Facility

River Bend

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

301.6

(7.17.2.3) Latitude

30.759557

(7.17.2.4) Longitude

-91.330083

Row 11

(7.17.2.1) Facility

Ninemile Point

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

3712240.35

(7.17.2.3) Latitude

29.9472

(7.17.2.4) Longitude

-90.1458

Row 12

(7.17.2.1) Facility

Choctaw County

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1953190.26

(7.17.2.3) Latitude

33.2881

(7.17.2.4) Longitude

-89.4201

Row 13

(7.17.2.1) Facility

Independence

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2704759.96

(7.17.2.3) Latitude

35.6733

(7.17.2.4) Longitude

-91.4083

Row 14

(7.17.2.1) Facility

Washington Parish Energy Center

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

169502.76

(7.17.2.3) Latitude

30.7914

(7.17.2.4) Longitude

-95.5215

Row 15

(7.17.2.1) Facility

Montgomery County Power Station

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2157068.91

(7.17.2.3) Latitude

30.4358

(7.17.2.4) Longitude

-90.1458

Row 17

(7.17.2.1) Facility

Perryville

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1570839.27

(7.17.2.3) Latitude

32.6914

(7.17.2.4) Longitude

-92.0192

Row 18

(7.17.2.1) Facility

Hot Spring Energy Facility

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

863251.47

(7.17.2.3) Latitude

34.2963

(7.17.2.4) Longitude

-92.8683

Row 19

(7.17.2.1) Facility

Hinds Energy Facility

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1265282.54

(7.17.2.3) Latitude

32.3781

(7.17.2.4) Longitude

-90.2169

Row 20

(7.17.2.1) Facility

Grand Gulf

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

384.6

(7.17.2.3) Latitude

32.009462

(7.17.2.4) Longitude

-91.047001

Row 21

(7.17.2.1) Facility

Arkansas Nuclear 1&2

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

3665.8

(7.17.2.3) Latitude

35.310705

(7.17.2.4) Longitude

-93.23088

Row 22

(7.17.2.1) Facility

Sterlington

(7.17.2.3) Latitude

32.7047

(7.17.2.4) Longitude

-92.0792

Row 23

(7.17.2.1) Facility

Gerald Andrus

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

143152.35

(7.17.2.3) Latitude

33.3503

(7.17.2.4) Longitude

-91.1181

Row 24

(7.17.2.1) Facility

Fugitive Sources (NG T&D, Electricity T&D, Cooling/Air Conditioning)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

83946

Row 25

(7.17.2.1) Facility

Sabine

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2137872.13

(7.17.2.3) Latitude

30.0242

(7.17.2.4) Longitude

-93.875

Row 26

(7.17.2.1) Facility

Calcasieu Plant

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

64205.4

(7.17.2.3) Latitude

30.1603

(7.17.2.4) Longitude

-93.3458

Row 27

(7.17.2.1) Facility

Little Gypsy

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

351893.99

(7.17.2.3) Latitude

30.0033

(7.17.2.4) Longitude

-90.4611

Row 28

(7.17.2.1) Facility

Union Power Station

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

5260055.85

(7.17.2.3) Latitude

33.2961

(7.17.2.4) Longitude

-92.5933

Row 29

(7.17.2.1) Facility

Acadia

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1174425.97

(7.17.2.3) Latitude

30.4284

(7.17.2.4) Longitude

-92.4112

Row 30

(7.17.2.1) Facility

Hardin County Peaking Facility

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

85311.89

(7.17.2.3) Latitude

30.3041

(7.17.2.4) Longitude

-94.2526

Row 31

(7.17.2.1) Facility

Waterford 3

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1222.9

(7.17.2.3) Latitude

29.996843

(7.17.2.4) Longitude

-90.471402

Row 32

(7.17.2.1) Facility

Lake Charles Power Station

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2100704.02

(7.17.2.3) Latitude

30.2706

(7.17.2.4) Longitude

-93.2886

Row 33

(7.17.2.1) Facility

Attala

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1118038.2

(7.17.2.3) Latitude

33.0142

(7.17.2.4) Longitude

-89.6758

Row 34

(7.17.2.1) Facility

Lewis Creek

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1004782.44

(7.17.2.3) Latitude

30.4364

(7.17.2.4) Longitude

-95.5215

Row 35

(7.17.2.1) Facility

Big Cajun 2

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

506709.32

(7.17.2.3) Latitude

30.7261

(7.17.2.4) Longitude

-91.3669

Row 36

(7.17.2.1) Facility

New Orleans Power Station

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

99401.17

(7.17.2.3) Latitude

30.0125

(7.17.2.4) Longitude

-89.9352
[Add row]

(7.17.3) Break down your total gross global Scope 1 emissions by business activity.

	Activity	Scope 1 emissions (metric tons CO2e)
Row 1	*Fugitive Emissions*	*83946*
Row 3	*Mobile Combustion*	*70672*
Row 4	*Stationary Combustion*	*35841844*

[Add row]

(7.19) Break down your organization’s total gross global Scope 1 emissions by sector production activity in metric tons CO2e.

	Gross Scope 1 emissions, metric tons CO2e
Electric utility activities	*35996463*

[Fixed row]

(7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Row 2

(7.23.1.1) Subsidiary name

Entergy Arkansas, LLC

(7.23.1.2) Primary activity

Select from:
☑ Nuclear generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply
☑ Ticker symbol

(7.23.1.7) Ticker symbol

EAI

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

6499055

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

17

(7.23.1.15) Comment

Entergy Arkansas' (EAL) equity share of scope 1 emissions are 6,464,555 metric tons C02e for power generation units, 10,554 metric tons C02e for small stationary combustion and generators, 15,528 metric tons C02e for corporate fleet, 7,110 metric tons C02e for electricity transmission and distribution fugitive emissions, and 1,308 metric tons C02e from cooling/air conditioning fugitive emissions. Entergy Arkansas' scope 2 emissions only contain partial emissions from our DC office that

consumes power outside our service territory and thereby not generated by Entergy. The remaining EAL power consumption and line losses are estimated to be 66,498 metric tons co2e and are included in Scope 1

Row 3

(7.23.1.1) Subsidiary name

Entergy Mississippi, LLC

(7.23.1.2) Primary activity

Select from:

☑ CCGT generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Ticker symbol

(7.23.1.7) Ticker symbol

EMP

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

5885161

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

12

(7.23.1.15) Comment

Entergy Mississippi's (EML) equity share of scope 1 emissions are 5,864,987 metric tons C02e for power generation units, 5,939 metric tons C02e for small stationary combustion and generators, 8,522 metric tons C02e for corporate fleet, 4,845 metric tons C02e for electricity transmission and distribution fugitive emissions, and 868 metric tons C02e from cooling/air conditioning fugitive emissions. EML's scope 2 emissions only contain partial emissions from our DC office that consumes power

outside our service territory and thereby not generated by Entergy. The remaining EML power consumption and line losses are estimated to be 45,314 metric tons co2e and are included in Scope 1

Row 4

(7.23.1.1) Subsidiary name

Entergy Louisiana, LLC

(7.23.1.2) Primary activity

Select from:

☑ CCGT generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Ticker symbol

(7.23.1.7) Ticker symbol

ELC

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

15348817

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

33

(7.23.1.15) Comment

Entergy Louisiana's (ELL) equity share of scope 1 emissions are 15,275,463 metric tons C02e for power generation units, 10,757 metric tons C02e for small stationary combustion and generators, 36,579 metric tons C02e for corporate fleet, 10,395 metric tons C02e for natural gas transmission and distribution fugitive emissions, 13,832 metric tons C02e for electricity transmission and distribution fugitive emissions, and 1,790 metric tons C02e from cooling/air conditioning fugitive

emissions. ELL's scope 2 emissions only contain partial emissions from our DC office that consumes power outside our service territory and thereby not generated by Entergy. The remaining ELL's power consumption and line losses are estimated to be 129,361 metric tons co2e and are included in Scope 1.

Row 5

(7.23.1.1) Subsidiary name

Entergy Wholesale Commodities

(7.23.1.2) Primary activity

Select from:

☑ CCGT generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Ticker symbol

(7.23.1.7) Ticker symbol

EWC

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

553195

(7.23.1.15) Comment

Entergy Wholesale Commodities (EWC) equity share of scope 1 emissions is 553,195 metric tons C02e for power generation units.

Row 6

(7.23.1.1) Subsidiary name

Entergy New Orleans, LLC

(7.23.1.2) Primary activity

Select from:

☑ Nuclear generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Ticker symbol

(7.23.1.7) Ticker symbol

ENO

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

1552218

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

5

(7.23.1.15) Comment

Entergy New Orleans' (ENO) equity share of scope 1 emissions are 1,534,757 metric tons C02e for power generation units, 70 metric tons C02e for small stationary combustion and generators, 2,261 metric tons C02e for corporate fleet, 12,420 metric tons C02e for natural gas transmission and distribution fugitive emissions, 2,268 metric tons C02e for electricity transmission and distribution fugitive emissions, and 442 metric tons C02e from cooling/air conditioning fugitive emissions. ENO's scope 2 emissions only contain partial emissions from our DC office that consumes power outside our service territory and thereby not generated by Entergy. The remaining ENO power consumption and line losses are estimated to be 21,215 metric tons co2e and are included in Scope 1.

Row 7

(7.23.1.1) Subsidiary name

Entergy Texas, INC

(7.23.1.2) Primary activity

Select from:

☑ CCGT generation

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Ticker symbol

(7.23.1.7) Ticker symbol

ETI

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

6158022

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

90

(7.23.1.15) Comment

Entergy Texas' (ETI) equity share of scope 1 emissions are 6,119,356 metric tons C02e for power generation units, 2,218 metric tons C02e for small stationary combustion and generators, 7,782 metric tons C02e for corporate fleet, 22,317 metric tons C02e for natural gas transmission and distribution fugitive emissions, 5,452 metric tons C02e for electricity transmission and distribution fugitive emissions, and 897 metric tons C02e from cooling/air conditioning fugitive emissions. ETI's scope 2 emissions only contain partial emissions from our DC office and an Austin office that consume power outside our service territory and thereby not generated by Entergy. The remaining ETI power consumption and line losses are estimated to be 50,986 metric tons co2e and are included in Scope 1
[Add row]

(7.33.1) Disclose the following information about your transmission and distribution business.

Row 1

(7.33.1.1) Country/area/region

Select from:

☑ United States of America

(7.33.1.2) Voltage level

Select from:

☑ Distribution (low voltage)

(7.33.1.3) Annual load (GWh)

120129

(7.33.1.4) Annual energy losses (% of annual load)

4.5

(7.33.1.5) Scope where emissions from energy losses are accounted for

Select from:

☑ Scope 1

(7.33.1.6) Emissions from energy losses (metric tons CO2e)

259845

(7.33.1.7) Length of network (km)

171258

(7.33.1.8) Number of connections

3014279

(7.33.1.9) Area covered (km2)

243459

(7.33.1.10) Comment

259,845 metric tons CO2e is the total losses from Entergy purchased power consumed on Entergy T&D system (Refer to 2023 GHG Inventory - https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf) 3,014,279 is the total number of Entergy's retail customers.

Row 3

(7.33.1.1) Country/area/region

Select from:

☑ United States of America

(7.33.1.2) Voltage level

Select from:

☑ Transmission (high voltage)

(7.33.1.3) Annual load (GWh)

120129.0

(7.33.1.4) Annual energy losses (% of annual load)

1.2

(7.33.1.5) Scope where emissions from energy losses are accounted for

Select from:

☑ Scope 1

(7.33.1.6) Emissions from energy losses (metric tons CO2e)

259845

(7.33.1.7) Length of network (km)

25910

(7.33.1.8) Number of connections

3014279

(7.33.1.9) Area covered (km2)

295259.0

(7.33.1.10) Comment

259,845 metric tons CO2e is the total losses from Entergy purchased power consumed on Entergy T&D system (Refer to 2023 GHG Inventory - https://cdn.entergy.com/userfiles/content/environment/docs/GHG-Inventory-2023.pdf) 3,014,279 is the total number of Entergy's retail customers. [Add row]

(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Row 1

(7.45.1) Intensity figure

0.31757

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

35996620

(7.45.3) Metric denominator

Select from:
☑ megawatt hour generated (MWh)

(7.45.4) Metric denominator: Unit total

114312955

(7.45.5) Scope 2 figure used

Select from:
☑ Location-based

(7.45.7) Direction of change

Select from:
☑ Decreased
[Add row]

(7.46) For your electric utility activities, provide a breakdown of your Scope 1 emissions and emissions intensity relating to your total power plant capacity and generation during the reporting year by source.

	Absolute scope 1 emissions (metric tons CO2e)	Emissions intensity based on gross or net electricity generation	Scope 1 emissions intensity (Net generation)
Coal – hard	*6887353.45*	*Select from:* ☑ Gross	*1249.97*
Oil	*3164.7*	*Select from:*	*Auto calculated*
Gas	*28921794.26*	*Select from:*	*413.34*
Total	*35812312*	*Select from:*	*Auto calculated*

[Fixed row]

(7.53.2) Provide details of your emissions intensity targets and progress made against those targets.

Row 1

(7.53.2.1) Target reference number

Select from:

☑ Int 1

(7.53.2.2) Is this a science-based target?

Select from:

☑ Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.2.4) Target ambition

Select from:

☑ Well-below 2°C aligned

(7.53.2.5) Date target was set

12/19/2022

(7.53.2.6) Target coverage

Select from:

☑ Other, please specify

(7.53.2.7) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

(7.53.2.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 3

(7.53.2.10) Scope 3 categories

Select all that apply

☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.53.2.11) Intensity metric

Select from:

☑ Metric tons CO2e per megawatt hour (MWh)

(7.53.2.12) End date of base year

12/31/2000

(7.53.2.32) Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.33) Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.34) % of total base year emissions in Scope 1 covered by this Scope 1 intensity figure

100

(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure

100

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

100

(7.53.2.55) End date of target

12/31/2030

(7.53.2.56) Targeted reduction from base year (%)

50

(7.53.2.57) Intensity figure at end date of target for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.79) Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.80) Intensity figure in reporting year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.81) Land-related emissions covered by target

Select from:

☑ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.2.83) Target status in reporting year

Select from:

☑ Underway

(7.53.2.85) Explain target coverage and identify any exclusions

Entergy is not supplying intensity figures for base year or present year, as CDP's portal erroneously adds scope intensity rates automatically. Entergy's emission rate was 1,130 lbs CO2/MWH in the base year of 2000. In 2023, our emission rate was 690 lbs CO2/MWH, demonstrating a CO2 emission rate reduction of 34% or nearly 39% toward our goal of 50% emission rate reduction.
[Add row]

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 2

(7.54.1.1) Target reference number

Select from:
☑ Low 1

(7.54.1.2) Date target was set

12/19/2022

(7.54.1.3) Target coverage

Select from:
☑ Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:
☑ Electricity

(7.54.1.5) Target type: activity

Select from:
☑ Production

(7.54.1.6) Target type: energy source

Select from:

☑ Low-carbon energy source(s)

(7.54.1.10) End date of target

12/31/2030

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

50

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

29

(7.54.1.14) Target status in reporting year

Select from:

☑ Underway

(7.54.1.16) Is this target part of an emissions target?

We consider this target part of our transition plan to net zero emissions, as well as an enabler of our 2030 utility emission rate goal.

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

☑ No, it's not part of an overarching initiative

(7.54.1.19) Explain target coverage and identify any exclusions

Includes nuclear and renewable capacity, both owned and purchased through power purchase agreements. Additional capacity is provided by some accompanying battery storage paired with renewables.

(7.54.1.21) Plan for achieving target, and progress made to the end of the reporting year

Entergy expects to grow our renewable capacity by nearly 9 GW by 2031. By the end of 2023, Entergy has achieved 23% toward our 2030 carbon-free capacity goal of 50%. Though progress is being made against our interim carbon-free capacity goal, stronger than planned sales growth in our region will delay timing of achievement. See page 67 of our 2024 Analyst Day presentation: https://s201.q4cdn.com/714390239/files/doc_presentations/2024/Sep/entergy-analyst-day-2024.pdf [Add row]

(7.54.3) Provide details of your net-zero target(s).

Row 1

(7.54.3.1) Target reference number

Select from:

☑ NZ1

(7.54.3.2) Date target was set

09/24/2020

(7.54.3.3) Target Coverage

Select from:

☑ Organization-wide

(7.54.3.4) Targets linked to this net zero target

Select all that apply

☑ Int1

☑ Low1

(7.54.3.5) End date of target for achieving net zero

12/31/2050

(7.54.3.6) Is this a science-based target?

Select from:

☑ Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.54.3.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

☑ Scope 3

(7.54.3.9) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Hydrofluorocarbons (HFCs)

☑ Sulphur hexafluoride (SF6)

(7.54.3.10) Explain target coverage and identify any exclusions

In 2020, Entergy committed to achieving net-zero emissions by 2050 for all businesses, all emission scopes and all applicable greenhouse gases--including methane. Entergy will continue to transform its generation portfolio to cleaner, low and zero-carbon resources. This transformation will result in a lower emission rate as conceived by our 2030 climate analysis and goal. It also will result in reducing absolute emissions as additional low- and zero-carbon generation technologies are integrated into our system over the next three decades. All of these actions will minimize the full lifecycle emissions associated with these operations. We've evaluated and will not be seeking validation under SBTi in its current form.

(7.54.3.12) Do you intend to neutralize any residual emissions with permanent carbon removals at the end of the target?

Select from:

☑ Unsure

(7.54.3.17) Target status in reporting year

Select from:

☑ Underway

(7.54.3.19) Process for reviewing target

Entergy monitors performance annually by developing our comprehensive greenhouse gas inventory and undergo third party verification. Entergy engages with all emission source owners at least annually to understand their processes and where opportunities are to reduce emissions. Entergy also engages with system planning to ensure climate goals are a part of our resource planning process and monitor our resource plan to evaluate progress expected in the decades ahead.
[Add row]

(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives
Under investigation	*4*
To be implemented	*1*
Implementation commenced	*4*

[Fixed row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 2

(7.55.3.1) Method

Select from:

☑ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

Compliance with permit limits, mandates for energy efficiency programs such as clean and renewable energy portfolio standards in Texas and New Orleans, preparation of mandatory/voluntary GHG emissions inventories and participation in voluntary carbon markets has driven investment in emission reduction activities.

Row 3

(7.55.3.1) Method

Select from:

☑ Internal finance mechanisms

(7.55.3.2) Comment

Entergy's Environmental Initiative Fund remains at a funding level of approximately 1 million per year. 2023 marked the 23nd consecutive year - totaling 42.8 million in shareholder contributions invested in environmentally beneficial projects and programs across our communities. Originally leveraged to fund carbon offset projects in Entergy's utility service area and states in which we operated wholesale assets, it now facilitates economy-wide emission reductions through reforestation, sequestration and wetlands restoration, electrification, renewable energy installations, and more.

Row 4

(7.55.3.1) Method

Select from:

☑ Dedicated budget for low-carbon product R&D

(7.55.3.2) Comment

Entergy participates in R&D programs through the Electric Power Research Institute (EPRI) dedicated to nuclear generation, emission reductions, sustainability, and low carbon generation research. Entergy also has a dedicated budget for KeyString Labs (KSL), which was formed to achieve innovation across our company and industry, focused on beneficial electrification opportunities such as shore power, enabling marine vessel customers to reach their own sustainability goals by leveraging Entergy's cleaner generation profile.

Row 5

(7.55.3.1) Method

Select from:

☑ Employee engagement

(7.55.3.2) Comment

Entergy's employees are engaged through a variety of programs, including volunteerism, the Make an Impact program and the goal to engage 25% of the Utility's employees in environmental activities, initiatives and programs. In 2023, the Entergy Achievement Multiplier (EAM), which is the performance metric used to determine the maximum funding available for annual short-term incentive awards, formally included an environmental stewardship measure for all eligible employees. In 2021, Entergy employees launched a Grassroots Sustainability Champions Team to educate employees on Entergy's sustainability efforts, goals and initiatives. This champions group seeks to empower employees to identify and advance opportunities to further evolve our company as a sustainability leader.

Row 6

(7.55.3.1) Method

Select from:

☑ Internal price on carbon

(7.55.3.2) Comment

Entergy maintains a projection on CO2 pricing which to evaluate business decisions such as whether to pursue power uprates, acquisitions, deactivations, purchases and divestitures.

Row 7

(7.55.3.1) Method

Select from:

☑ Dedicated budget for energy efficiency

(7.55.3.2) Comment

Entergy's Utility Operating companies implement energy efficiency programs approved by their retail regulators. These programs have a dedicated budget and result in both capacity and energy savings for Entergy. These programs result in energy/cost savings and environmental footprint reduction for our customers. Additionally, investments in generation portfolio management and individual facility efficiency improvements result in overall emission reductions for the company.

Row 8

(7.55.3.1) Method

Select from:

☑ Partnering with governments on technology development

(7.55.3.2) Comment

Entergy believes that a large, government-led innovation effort directed toward basic research and funding demonstration projects would jump-start innovation, provide financing until private funding becomes available, and serve a great national purpose. The only long-term solution to climate change is new technology. For example, Entergy served on the Louisiana Governor's Climate Initiatives Task Force and supported two of our service state's proposal for a bipartisan three-state partnership to establish a regional clean hydrogen hub as part of the Department of Energy's Infrastructure, Investment and Jobs Act (IIJA), and is a leader in utility use of green hydrogen technology, the potential to use HVDC technology to import wind energy, and the advancement of offshore wind energy production in the Gulf of Mexico. See for more information: https://gov.louisiana.gov/index.cfm/newsroom/detail/3587

Row 9

(7.55.3.1) Method

Select from:

☑ Financial optimization calculations

(7.55.3.2) Comment

Entergy Utility Operating Companies create Integrated Resource Plans (IRPs) to determine the optimal mix of resources to meet customers' future energy needs. As with any legislative or regulatory proposal, Entergy engages in rigorous internal evaluations of carbon policies to optimize the company's decisions. These decisions include whether to conduct power uprates, acquisitions, deactivations, power purchases and divestitures.
[Add row]

(7.73.2) Complete the following table for the goods/services for which you want to provide data.

	Requesting member
Row 1	*Select from:*

[Add row]

(7.73.3) Complete the following table with data for lifecycle stages of your goods and/or services.

	Requesting member
Row 1	*Select from:*

[Add row]

(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

Row 1

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

☑ Other, please specify **:**Green Power Program or Tariffs

(7.74.1.3) Type of product(s) or service(s)

Power

☑ Other, please specify **:**Green Power Programs or Tariffs

(7.74.1.4) Description of product(s) or service(s)

Entergy's five Operating Companies offer a variety of green power programs or tariffs, allowing customers to further reduce their Scope 2 emissions associated with electricity consumption. See details at: renew.entergy.com

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

Row 2

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

☑ Other, please specify **:**EPA Climate Leaders GHG Inventory Protocol and the Standard for Greenhouse Gas Accounting and Verification (ISO 14064)

(7.74.1.3) Type of product(s) or service(s)

Power

☑ Other, please specify **:**Nuclear generation

(7.74.1.4) Description of product(s) or service(s)

Low Carbon Energy Production - nuclear generation: In 2023, Entergy provided 27% of its power through Nuclear sources. Scope 2 emissions for Entergy's customers are reduced as a result of improved nuclear unit capacity factors. Over the last decade, Entergy has invested billions to increase the output and improve the efficiency of its nuclear fleet.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

Row 3

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

☑ Other, please specify **:**EPA Climate Leaders GHG Inventory Protocol and the Standard for Greenhouse Gas Accounting and Verification (ISO 14064)

(7.74.1.3) Type of product(s) or service(s)

Power

☑ Other, please specify **:**Natural gas-fired generation

(7.74.1.4) Description of product(s) or service(s)

Low Carbon Energy Production Installation – efficient natural gas-fired generation: In 2023, Entergy provided 50% of its power through natural gas sources, with 44% of our overall generation capacity coming from modern, efficient natural gas. Scope 2 emissions for Entergy's customers are reduced as a result of the company's Portfolio Transformation Strategy and as the result of operating in MISO. Since 2000, Entergy's utilities have added over 10.5 GW of highly efficient generation. These units improve system reliability, reduce environmental impacts, and reduce costs for our customers by using less fuel.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

Row 4

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

☑ Other, please specify **:**EPA Climate Leaders GHG Inventory Protocol and the Standard for Greenhouse Gas Accounting and Verification (ISO 14064)

(7.74.1.3) Type of product(s) or service(s)

Power

☑ Other, please specify **:**Renewable resources

(7.74.1.4) Description of product(s) or service(s)

Low Carbon Energy Production – renewable resources: In 2023, Entergy provided 2% of its power through renewables. While still a small portion of our utility generation, as technology and economics continue to improve, we are pursuing additional utility-scale renewable opportunities as well as potential applications for distributed energy resources.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

[Add row]

C9. Environmental performance - Water security

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water withdrawals. Other company locations (service centers, office buildings, etc.) are supplied primarily by municipal water sources.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water withdrawals. Other company locations (service centers, office buildings, etc.) are supplied primarily by municipal water sources.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water withdrawals. Entergy monitors its water withdrawals and monitors the quality of such water as required by permits and as needed to support plant chemistry. This data is reported or retained to the extent required by permits or regulations.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water discharges. Water discharges from the power generation plants are permitted by the appropriate regulatory agency. These permits identify the receiving water body, require an estimate of discharge flow, identify the treatment method, and require monitoring of various water quality parameters. All this information is reported to the permitting agency regularly, which depending on the permit, may be required monthly, quarterly, or annually. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit requirements of at least 99.9% from year to year. Other company locations (service centers, office buildings, etc.) are serviced primarily by municipal treatment systems.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water discharges. Water discharges from the power generation plants are permitted by the appropriate regulatory agency. These permits identify the receiving water body, require an estimate of discharge flow, identify the treatment method, and require monitoring of various water quality parameters. All this information is reported to the permitting agency regularly, which depending on the permit, may be required monthly, quarterly, or annually. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit requirements of at least 99.9% from year to year. Other company locations (service centers, office buildings, etc.) are serviced primarily by municipal treatment systems

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water discharges. Water discharges from the power generation plants are permitted by the appropriate regulatory agency. These permits identify the receiving water body, require an estimate of discharge flow, identify the treatment method, and require monitoring of various water quality parameters. All this information is reported to the permitting agency regularly, which depending on the permit, may be required monthly, quarterly, or annually. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit

requirements of at least 99.9% from year to year. Other company locations (service centers, office buildings, etc.) are serviced primarily by municipal treatment systems.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water discharges. Water discharges from the power generation plants are permitted by the appropriate regulatory agency. These permits identify the receiving water body, require an estimate of discharge flow, identify the treatment method, and require monitoring of various water quality parameters. All this information is reported to the permitting agency regularly, which depending on the permit, may be required monthly, quarterly, or annually. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit requirements of at least 99.9% from year to year. Other company locations (service centers, office buildings, etc.) are serviced primarily by municipal treatment systems.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water discharges. Water discharges from the power generation plants are permitted by the appropriate regulatory agency. These permits identify the receiving water body, require an estimate of discharge flow, identify the treatment method, and require monitoring of various water quality parameters- including temperature. All this information is reported to the permitting agency as required by the permitting agency based on the water body characteristics. Depending on the permit, this may be required monthly, quarterly, or annually. Across our operations, Entergy protects water resources by maintaining a compliance rate with state and federal water pollution control permit requirements of at least 99.9% from year to year. Other company locations (service centers, office buildings, etc.) are serviced primarily by municipal treatment systems.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its power generation sites for water withdrawal and discharge as described previously and calculates consumption from the difference of these two monitored values. Water consumption at the power generation plants occurs primarily through evaporative losses during the cooling process. Entergy estimates these losses daily based on the technology employed at each power plant using industry loss factors. Water consumption at other company locations (service centers, office buildings, etc.) is only a small fraction of the evaporative losses described above

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its recycled water. Entergy recycles water in some of our cooling systems and operates one air-cooled combined cycle gas unit. Recycled water quantities being utilized for these operations are monitored daily.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facilities have water meters connected into plant system

(9.2.4) Please explain

Entergy monitors 100% of its service water. All of Entergy's workers are provided with clean water for drinking, cooking, and cleaning purposes; adequate facilities for excreta purposes, solid waste management, and drainage are provided and monitored by public water systems providers. For those facilities that have private water systems, we have groundwater or surface water withdrawal limits.
[Fixed row]

(9.2.1) For your hydropower operations, what proportion of the following water aspects are regularly measured and monitored?

Fulfilment of downstream environmental flows

(9.2.1.1) % of sites/facilities/operations measured and monitored

Select from:

☑ 100%

(9.2.1.2) Please explain

Entergy maintains and operates several hydropower projects. Entergy’s water management strategy and monitoring of water applies at these sites.

Sediment loading

(9.2.1.1) % of sites/facilities/operations measured and monitored

Select from:
☑ 100%

(9.2.1.2) Please explain

Entergy maintains and operates several hydropower projects. Entergy's water management strategy and monitoring of water applies at these sites.

Other, please specify

(9.2.1.1) % of sites/facilities/operations measured and monitored

Select from:
☑ Not relevant
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

5723006.84

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Lower

Total discharges

(9.2.2.1) Volume (megaliters/year)

5568900

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Lower

Total consumption

(9.2.2.1) Volume (megaliters/year)

153421

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Higher

[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

☑ Yes

(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)

488392

(9.2.4.3) Comparison with previous reporting year

Select from:

☑ Lower

(9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

8.53
[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

Fresh surface water, including rainwater, water from wetlands, rivers, and lakes

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

4440400

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Lower

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

1213191

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Lower

Groundwater – renewable

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

47314

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Higher

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

5145

Third party sources

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

16958

(9.2.7.3) Comparison with previous reporting year

Select from:

☑ Higher

[Fixed row]

(9.2.8) Provide total water discharge data by destination.

Fresh surface water

(9.2.8.1) Relevance

Select from:

☑ Relevant

(9.2.8.2) Volume (megaliters/year)

4355616

(9.2.8.3) Comparison with previous reporting year

Select from:

☑ About the same

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:

☑ Relevant

(9.2.8.2) Volume (megaliters/year)

1213284

(9.2.8.3) Comparison with previous reporting year

Select from:

☑ Much lower

[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

	Identification of facilities in the value chain stage
Direct operations	*Select from:* ☑ Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

[Fixed row]

(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Row 1

(9.3.1.1) Facility reference number

Select from:

☑ Facility 1

(9.3.1.2) Facility name (optional)

River Bend Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

30.759557

(9.3.1.9) Longitude

-91.330083

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Nuclear

(9.3.1.13) Total water withdrawals at this facility (megaliters)

18431.5

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

18431.5

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

3958

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much lower

(9.3.1.23) Discharges to fresh surface water

3958

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

14473.29

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much lower

(9.3.1.29) Please explain

Water consumption at River Bend decreased by 35% between 2022 and 2023, which is considered 'much lower.' Total generation from this unit in 2023 was 47% less than in 2022, and thus the lower water usage is in line with lower generation. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 2

(9.3.1.1) Facility reference number

Select from:

☑ Facility 16

(9.3.1.2) Facility name (optional)

Waterford 1 & 2 Gas Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

29.9994

(9.3.1.9) Longitude

-90.4758

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

29896.8

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

29896.8

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

29897

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much lower

(9.3.1.23) Discharges to fresh surface water

29897

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

0

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water consumption at Waterford 1&2 had a 0% change between 2022 and 2023, and thereby remained 'about the same.' The Facility withdraws but does not consume any significant quantity of water as it employs once-through cooling, discharging all or nearly all water that is withdrawn. Total generation at this site was also 35% less in 2023 than in 2022. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 3

(9.3.1.1) Facility reference number

Select from:

☑ Facility 12

(9.3.1.2) Facility name (optional)

Ouachita Gas Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify :Ouachita River

(9.3.1.8) Latitude

32.7056

(9.3.1.9) Longitude

-92.0697

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

4224.6

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

4224.6

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1450

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

1450

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

2775.08

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption at Ouachita Gas Plant decreased by 12% between 2022 and 2023, which is considered “lower" and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 4

(9.3.1.1) Facility reference number

Select from:

☑ Facility 13

(9.3.1.2) Facility name (optional)

Union Power Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**Ouachita River

(9.3.1.8) Latitude

33.2961

(9.3.1.9) Longitude

-92.5933

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

11962.66

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

11962.66

(9.3.1.21) Total water discharges at this facility (megaliters)

1107

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

1107

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

10855.41

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

Water consumption at Union Power Station increased by 12% between 2022 and 2023, which is considered ‘higher’ and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 5

(9.3.1.1) Facility reference number

Select from:

☑ Facility 21

(9.3.1.2) Facility name (optional)

Nelson Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Sabine River

(9.3.1.8) Latitude

30.2861

(9.3.1.9) Longitude

-93.2917

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Coal - hard

(9.3.1.13) Total water withdrawals at this facility (megaliters)

12541.47

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

5016.59

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

7524.88

(9.3.1.21) Total water discharges at this facility (megaliters)

5310

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much higher

(9.3.1.23) Discharges to fresh surface water

5310

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

7231.67

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much higher

(9.3.1.29) Please explain

Water consumption at Nelson Power plant increased by 564% from 2022 to 2023, which is considered 'much higher.' This was caused by higher than normal heat that increased water evaporation. Note, in 2020, the facility began to supplement the use of third-party water withdrawals with groundwater from on-site wells. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 6

(9.3.1.1) Facility reference number

Select from:

☑ Facility 25

(9.3.1.2) Facility name (optional)

Hinds

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

32.298756

(9.3.1.9) Longitude

-90.184807

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

3394.67

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

3394.67

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

331

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much higher

(9.3.1.23) Discharges to fresh surface water

331

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

3063.72

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

Water consumption increased by 6% from 2022 to 2023 at Hinds, which is considered 'higher' and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 7

(9.3.1.1) Facility reference number

Select from:

☑ Facility 9

(9.3.1.2) Facility name (optional)

Wayne Leonard

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

30.005737

(9.3.1.9) Longitude

-90.452922

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

6228.02

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ About the same

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

6228.02

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1686

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Higher

(9.3.1.23) Discharges to fresh surface water

1686

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

4541.73

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption at J. Wayne Leonard from 2022 to 2023 decreased by 11% which is considered ‘lower’ and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 8

(9.3.1.1) Facility reference number

Select from:

☑ Facility 7

(9.3.1.2) Facility name (optional)

White Bluff Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**Arkansas River

(9.3.1.8) Latitude

34.4236

(9.3.1.9) Longitude

-92.1392

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Coal - hard

(9.3.1.13) Total water withdrawals at this facility (megaliters)

5762.4

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

5762.4

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

4053

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much higher

(9.3.1.23) Discharges to fresh surface water

4053

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

1709.24

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much lower

(9.3.1.29) Please explain

At White Bluff, Entergy withdraws water from the Arkansas River and stores it in an onsite pond (Clear Water). Clear Water also receives the majority of the stormwater runoff from the plant, along with all process wastewater discharges other than cooling tower blowdown. Cooling water to the plant is supplied through Clear Water. Between 2022 and 2023, water withdrawal was 18% less, water discharge 83% higher and water consumption 64% lower. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 9

(9.3.1.1) Facility reference number

Select from:

☑ Facility 15

(9.3.1.2) Facility name (optional)

Lake Catherine Power Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify :Ouachita River

(9.3.1.8) Latitude

34.4341

(9.3.1.9) Longitude

-92.9046

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

22805.53

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

22805.33

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

22806

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much lower

(9.3.1.23) Discharges to fresh surface water

22806

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

0

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water consumption at Lake Catherine stayed about the same between 2022 and 2023 (zero); however, water withdrawal and discharges decreased by 72%, which is considered ‘much lower.’ This is in line with 33% less power generation over the year at this site. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 11

(9.3.1.1) Facility reference number

Select from:

☑ Facility 14

(9.3.1.2) Facility name (optional)

Perryville Power Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify :Ouachita River

(9.3.1.8) Latitude

32.6914

(9.3.1.9) Longitude

-92.0192

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

3815.36

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

3815.36

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

683

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

683

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

3132.35

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much higher

(9.3.1.29) Please explain

Water consumption at the Perryville Power Station increased by 81% between 2022 and 2023, which is considered ‘much higher.' Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 12

(9.3.1.1) Facility reference number

Select from:

☑ Facility 8

(9.3.1.2) Facility name (optional)

Lake Charles

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Sabine River

(9.3.1.8) Latitude

30.271896

(9.3.1.9) Longitude

-93.290606

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

5973.76

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

5973.76

(9.3.1.21) Total water discharges at this facility (megaliters)

1229

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much lower

(9.3.1.23) Discharges to fresh surface water

1229

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

4744.7

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption at Lake Charles was 17% lower in 2023 than it was in 2022, which is considered 'lower' and in line with historical fluctuations from generation, maintenance, and climate. Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher/much lower"

Row 13

(9.3.1.1) Facility reference number

Select from:

☑ Facility 22

(9.3.1.2) Facility name (optional)

Sabine Gas Power Plant (1, 3, 4)

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Sabine River

(9.3.1.8) Latitude

30.0242

(9.3.1.9) Longitude

-93.875

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

1213191

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

1213191

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1213191

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

0

(9.3.1.24) Discharges to brackish surface water/seawater

1213191

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

2775

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

Water consumption at Sabine Gas Power Plants (1,2,4) was 20% higher from 2022 to 2023, which is considered ‘higher.' These units do not typically consume water, as they employ ‘once through cooling.’ Water withdrawal and discharge was 14% lower from 2022 to 2023, which is considered ‘lower’ and in line with historic fluctuations in generation, maintenance and climate. Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 14

(9.3.1.1) Facility reference number

Select from:

☑ Facility 20

(9.3.1.2) Facility name (optional)

Gerald Andrus Gas Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

33.3503

(9.3.1.9) Longitude

91.1181

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

76525.52

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

76525.52

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

76646

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much lower

(9.3.1.23) Discharges to fresh surface water

76646

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

-120.27

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

The Gerald Andrus withdraws but does not consume water as it employs once-through cooling, discharging all water that is withdrawn. Water withdrawal and discharge decreased by 55% between 2022 and 2023, which is considered 'much lower and in line with a decrease in generation of 72%.' Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 16

(9.3.1.1) Facility reference number

Select from:

☑ Facility 11

(9.3.1.2) Facility name (optional)

Hot Spring Energy Facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**Ouachita River

(9.3.1.8) Latitude

34.2963

(9.3.1.9) Longitude

-92.8683

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

1136.99

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

1136.99

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

159

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

159

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

978.04

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water consumption at Hot Spring Energy Facility decreased by 1% between 2022 and 2023, which is considered ‘about the same’ and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 17

(9.3.1.1) Facility reference number

Select from:

☑ Facility 27

(9.3.1.2) Facility name (optional)

Choctaw

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

30.471165

(9.3.1.9) Longitude

-91.147385

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

128.39

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

128.39

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

77

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Higher

(9.3.1.23) Discharges to fresh surface water

77

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

51.15

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

Water consumption increased by 6% between 2022 and 2023 at Choctaw, which is considered 'higher' and in line with historical fluctuations in generation, maintenance and climate. Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 18

(9.3.1.1) Facility reference number

Select from:

☑ Facility 26

(9.3.1.2) Facility name (optional)

Montgomery County Power Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify :San Jacinto River (Lewis Creek Reservoir)

(9.3.1.8) Latitude

30.436961

(9.3.1.9) Longitude

-95.520726

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

6860.44

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

6860.44

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1428

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:
☑ About the same

(9.3.1.23) Discharges to fresh surface water

1428

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

5432.65

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption decreased by 8% at Montgomery County Power Station, which is considered ' lower' and in line with historical fluctuations from generation, maintenance and climate. Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 19

(9.3.1.1) Facility reference number

Select from:

☑ Facility 24

(9.3.1.2) Facility name (optional)

Attala Energy Facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**Big Black River

(9.3.1.8) Latitude

33.0142

(9.3.1.9) Longitude

-89.6758

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

2661.4

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

2661.4

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

285

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

285

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

2376.83

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption decreased by 13% at Attala Energy Facility between 2022 and 2023, which is considered ‘lower’ and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 20

(9.3.1.1) Facility reference number

Select from:

☑ Facility 10

(9.3.1.2) Facility name (optional)

Independence Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**White River

(9.3.1.8) Latitude

35.6733

(9.3.1.9) Longitude

-91.4083

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Coal - hard

(9.3.1.13) Total water withdrawals at this facility (megaliters)

9680.36

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

9680.36

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

4666

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Higher

(9.3.1.23) Discharges to fresh surface water

4666

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

5014.84

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

In 2023, water consumption at Independence plant was 6% higher than it was in 2022, which is considered “higher" and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 21

(9.3.1.1) Facility reference number

Select from:

☑ Facility 17

(9.3.1.2) Facility name (optional)

Little Gypsy Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

30.0033

(9.3.1.9) Longitude

-90.4611

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

385494.83

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

385494.83

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

359732

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

359732

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

25763.1

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much higher

(9.3.1.29) Please explain

Total generation at Little Gypsy was 31% lower in 2023 than in 2022.

Row 22

(9.3.1.1) Facility reference number

Select from:

☑ Facility 3

(9.3.1.2) Facility name (optional)

Waterford 3 Nuclear Generating Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

29.996843

(9.3.1.9) Longitude

-90.471402

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Nuclear

(9.3.1.13) Total water withdrawals at this facility (megaliters)

1369399.14

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ About the same

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

1369399.14

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1369399

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:
☑ About the same

(9.3.1.23) Discharges to fresh surface water

1369399

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

0

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water withdrawal at the Waterford 3 Nuclear Generating Station was 4% less in 2023 than in 2022, which is considered ‘about the same.’ The Facility withdraws but does not consume water as it employs once-through cooling, discharging all water that is withdrawn. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 23

(9.3.1.1) Facility reference number

Select from:

☑ Facility 4

(9.3.1.2) Facility name (optional)

Arkansas Nuclear One

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify :Arkansas River

(9.3.1.8) Latitude

35.310705

(9.3.1.9) Longitude

-93.23088

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Nuclear

(9.3.1.13) Total water withdrawals at this facility (megaliters)

1091489

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

1091489

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

1071627

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

1071627

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

0

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water withdrawal and water discharges decreased at Arkansas Nuclear One decreased by 19% between 2022 and 2023, which is considered 'lower' and in line with historical fluctuations from generation, maintenance, and climate. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 25

(9.3.1.1) Facility reference number

Select from:

☑ Facility 2

(9.3.1.2) Facility name (optional)

Grand Gulf Nuclear Station

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

32.009462

(9.3.1.9) Longitude

-91.047001

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Nuclear

(9.3.1.13) Total water withdrawals at this facility (megaliters)

47314.01

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

47314.01

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

7891

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Higher

(9.3.1.23) Discharges to fresh surface water

7891

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

39423.41

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Much higher

(9.3.1.29) Please explain

Water consumption at Grand Gulf was 42% higher between 2022 and 2023, which is considered 'much higher.' Yearly changes less than 5 percent were considered "about the same." Total generation at this site was 37% greater in 2023 than in 2022. Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 26

(9.3.1.1) Facility reference number

Select from:

☑ Facility 6

(9.3.1.2) Facility name (optional)

Lewis Creek Power Plant

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Other, please specify **:**San Jacinto River (Lewis Creek Reservoir)

(9.3.1.8) Latitude

30.436961

(9.3.1.9) Longitude

-95.520726

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

488392.39

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

488392.39

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

488392

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Lower

(9.3.1.23) Discharges to fresh surface water

488392

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

0

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ About the same

(9.3.1.29) Please explain

Water consumption at the Lewis Creek Power Plant remained the same between 2022 and 2023 (zero). The Facility withdraws but does not consume water as it employs once-through cooling, discharging all water that is withdrawn. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 27

(9.3.1.1) Facility reference number

Select from:

☑ Facility 18

(9.3.1.2) Facility name (optional)

Nine Mile Point Steam Electric Station & Ninemile 6

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

29.9472

(9.3.1.9) Longitude

-90.1458

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

902237.96

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

902237.96

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.21) Total water discharges at this facility (megaliters)

902806

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:
☑ Lower

(9.3.1.23) Discharges to fresh surface water

902806

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

-567.88

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption at Nine Mile Point Steam Electric Station & Ninemile 6 decreased by 13% between 2022 and 2023, which is considered 'lower' and is in line with historical fluctuations from generation, maintenance and climate. This site leverages once through cooling, discharging all or nearly all water that is withdrawn. Yearly changes less than 5 percent were considered "about the same." Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."

Row 28

(9.3.1.1) Facility reference number

Select from:

☑ Facility 22

(9.3.1.2) Facility name (optional)

Sabine 5

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

United States of America

☑ Sabine River

(9.3.1.8) Latitude

30.0242

(9.3.1.9) Longitude

-93.875

(9.3.1.10) Located in area with water stress

Select from:

☑ No

(9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

☑ Gas

(9.3.1.13) Total water withdrawals at this facility (megaliters)

3459

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☑ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

3459

(9.3.1.21) Total water discharges at this facility (megaliters)

93

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Much higher

(9.3.1.23) Discharges to fresh surface water

0

(9.3.1.24) Discharges to brackish surface water/seawater

93

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

3366

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Lower

(9.3.1.29) Please explain

Water consumption at Sabine 5 was 7% lower in 2023 than it was in 2022, which is considered 'lower.' Changes between 5% and 25% were considered "higher" or "lower." Year-to-year changes greater than 25% were considered "much higher"/"much lower."
[Add row]

(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Typically pump curves and run times are used to quantify this; the verification of water data is performed by a third-party and is based on the data reported by the sites using this quantification method

Water withdrawals – volume by source

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Typically pump curves and run times are used to quantify this; the verification of water data is performed by a third-party and is based on the data reported by the sites using this quantification method

Water withdrawals – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Typically pump curves and run times are used to quantify this; the verification of water data is performed by a third-party and is based on the data reported by the sites using this quantification method

Water discharges – total volumes

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Standards and methodologies as contained in Federal and State NPDES Permits; the verification of water data is performed by a third-party and is based on the data reported by the sites using this quantification method.

Water discharges – volume by destination

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Standards and methodologies as contained in Federal and State NPDES Permits; the verification of water data is performed by a third-party and is based on the data reported by the sites using this quantification method.

Water discharges – volume by final treatment level

(9.3.2.1) % verified

Select from:

☑ 76-100

(9.3.2.2) Verification standard used

Standards and methodologies as contained in Federal and State NPDES Permits.

Water discharges – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:
☑ 76-100

(9.3.2.2) Verification standard used

Standards and methodologies as contained in Federal and State NPDES Permits.

Water consumption – total volume

(9.3.2.1) % verified

Select from:
☑ 76-100

(9.3.2.2) Verification standard used

Standards and methodologies as contained in Federal and State NPDES Permits.
[Fixed row]

(9.7.1) Provide the following intensity information associated with your electricity generation activities.

Row 2

(9.7.1.1) Water intensity value (m3/denominator)

50.06

(9.7.1.2) Numerator: water aspect

Select from:

☑ Total water withdrawals

(9.7.1.3) Denominator

Select from:

☑ MWh

(9.7.1.4) Comparison with previous reporting year

Select from:

☑ Higher

(9.7.1.5) Please explain

Water intensity value (m3) in 2023 was 50.06 m3/MWh (net), indicating a 12.9% increase from last year. This value is determined based on total water withdrawals and total net generation from Entergy-owned and operated generating assets. Entergy tracks water intensity internally and works to reduce water intensity year by year.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances
	Select from: ☑ No

[Fixed row]

(9.14) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact	Definition used to classify low water impact	Please explain
	Select from: ☑ Yes	*Power generation facilities that do not use continuous water intake to generate power.*	*Solar power stations use no water to generate power and currently make up 2% of our capacity*

[Fixed row]

(9.15.3) Why do you not have water-related target(s) and what are your plans to develop these in the future?

(9.15.3.1) Primary reason

Select from:

☑ Important but not an immediate business priority

(9.15.3.2) Please explain

Entergy's water footprint largely comes from our power generation, which Entergy has been transforming to be both less emissions and water intensive. While Entergy has evaluated potential water targets, setting a target is not currently a priority. In 2022, we announced a new milestone towards our net zero goal to achieve 50% clean energy capacity by 2030; Entergy's pathway towards achieving this goal includes rapid investments in renewables, which will decrease our water impact.
[Fixed row]

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

	Targets in place
	Select from: ☑ No, and we do not plan to within the next two years

[Fixed row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

(11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

☑ Yes, we are taking actions to progress our biodiversity-related commitments

(11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

☑ Land/water protection

☑ Land/water management

☑ Species management

☑ Education & awareness

☑ Law & policy

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	Select from: ☑ Yes, we use indicators	*Select all that apply* ☑ Response indicators

[Fixed row]

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

	Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity
Legally protected areas	*Select from:* ☑ Yes
UNESCO World Heritage sites	*Select from:* ☑ Yes
UNESCO Man and the Biosphere Reserves	*Select from:* ☑ Yes
Ramsar sites	*Select from:* ☑ No
Key Biodiversity Areas	*Select from:* ☑ Yes
Other areas important for biodiversity	*Select from:* ☑ No

[Fixed row]

(11.4.1) Provide details of your organization’s activities in the reporting year located in or near to areas important for biodiversity.

Row 1

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☑ UNESCO World Heritage sites

(11.4.1.4) Country/area

Select from:

☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

Poverty Point

(11.4.1.6) Proximity

Select from:

☑ Overlap

(11.4.1.8) Briefly describe your organization’s activities in the reporting year located in or near to the selected area

Entergy’s Darnell-Tallulah transmission line runs through a UNESCO World Heritage

(11.4.1.9) Indicate whether any of your organization’s activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Yes, but mitigation measures have been implemented

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

☑ Scheduling

☑ Site selection

☑ Project design

☑ Physical controls

☑ Operational controls

☑ Abatement controls

(11.4.1.11) Explain how your organization’s activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Threats and impacts to biodiversity are identified as part of the investment approval process before we undertake major construction projects or acquisitions, such as through IPAC assessments—a project planning tools streamlining US Fish and Wildlife Service environmental review processes. Risk identification and management processes are required to avoid, minimize, or mitigate such risks as needed to complete construction, commissioning, and transition to operation. Major capital projects and permit renewals are re-assessed for their impacts on biodiversity, such as for our Waterford 3 and River Bend Station nuclear sites. Since 2011, our avian protection program has successfully created a more avian-friendly environment by retrofitting problematic existing distribution poles, implementing new distribution avian construction standards, and replacing insulators on transmission structures. Entergy will also readjust project timing and location based on nesting sites to avoid adverse effects on protected populations. Each business function’s environmental leadership team works closely with Entergy project managers to ensure biodiversity issues are managed appropriately, and Entergy conducts approximately 30 site-level external audits annually that include standards related to biodiversity protection. Entergy’s extensive vegetation management program helps shield our electric lines from overgrown vegetation so we can reduce vegetation-related incidents and deliver safe and reliable service. We’ve recently committed 1.9 million in in-kind contributions over five years to the Regional Conservation Partnership Program, which funds projects that improve wildlife habitats and foster biodiversity. Through our low-volume, selective herbicide application program, we can responsibly target and clear invasive and tall-growing vegetation with precision. In turn, we mitigate disruption to native species and foster more hospitable habitats for local foliage and wildlife. We take a systematic, comprehensive and year-round approach to vegetation management. We’re prepared to respond to the worst, especially during hurricane season. Our ongoing storm preparations include rights-of-way inspections at scheduled intervals, with the goal of clearing incompatible vegetation that could pose reliability or safety risks. After a storm, our priority is restoring power safely and efficiently. We remove downed trees and limbs that interfere with our electric lines and equipment to facilitate safe service restoration

Row 2

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☑ UNESCO Man and the Biosphere Reserves

(11.4.1.4) Country/area

Select from:

☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

Big Thicket National Preserve

(11.4.1.6) Proximity

Select from:

☑ Overlap

(11.4.1.8) Briefly describe your organization’s activities in the reporting year located in or near to the selected area

Entergy distribution electric infrastructure intersects portions of Big Thicket, and the Umbriel Solar Site--a power purchase agreement with Entergy--is adjacent to Big Thicket.

(11.4.1.9) Indicate whether any of your organization’s activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Yes, but mitigation measures have been implemented

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

☑ Scheduling

☑ Site selection

☑ Project design

☑ Physical controls

☑ Abatement controls

☑ Operational controls

(11.4.1.11) Explain how your organization’s activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Threats and impacts to biodiversity are identified as part of the investment approval process before we undertake major construction projects or acquisitions, such as through IPAC assessments—a project planning tools streamlining US Fish and Wildlife Service environmental review processes. Risk identification and management processes are required to avoid, minimize, or mitigate such risks as needed to complete construction, commissioning, and transition to operation. Major capital projects and permit renewals are re-assessed for their impacts on biodiversity. Additionally, Entergy has invested in partner organizations to strengthen biodiversity in

Big Thicket, such as in 2022 when Entergy's Environmental Investment Fund invested 14,500 in a monarch habitat restoration project. Entergy's EIF funded this project again in 2024.

Row 3

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☑ Key Biodiversity Areas

(11.4.1.4) Country/area

Select from:

☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

Chenier Plaine, the Coastal Prairie, the Homochitto Forest, the Mississippi River Birdsfoot Delta, Lake Pontchartrain, Barataria Terrebonne, Timbalier Islands, Atchafalaya Delta, (Lake Martin), West Kisatchie, East Kisatchie, Catahoula-Dewey Wills-Three Rivers, Bienville National Forest, Sand Creek and associated hydrobasin, Shugart/Felsenthal Red-cockaded Woodpecker, Cache-Lower White Rivers, (Shortleaf Pine-Bluestem Grass Ecosystem Management Area), Ozark National Forest

(11.4.1.6) Proximity

Select from:

☑ Adjacent

(11.4.1.8) Briefly describe your organization’s activities in the reporting year located in or near to the selected area

Much of Entergy’s four-state service territory crosses Key Biodiversity Areas, such as the Chenier Plaine, the Coastal Prairie, the Homochitto Forest, the Mississippi River Birdsfoot Delta, Lake Pontchartrain, Barataria Terrebonne, Timbalier Islands, Atchafalaya Delta, (Lake Martin), West Kisatchie, East Kisatchie, Catahoula-Dewey WillsThree Rivers, Bienville National Forest, Sand Creek and associated hydrobasin, Shugart/Felsenthal Red-cockaded Woodpecker, Cache-Lower White Rivers, (Shortleaf Pine-Bluestem Grass Ecosystem Management Area), Ozark National Forest. Entergy maintains transmission and distribution, as well as power utility infrastructure adjacent or within these areas.

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Yes, but mitigation measures have been implemented

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

☑ Scheduling

☑ Site selection

☑ Project design

☑ Physical controls

☑ Abatement controls

☑ Operational controls

☑ Other, please specify **:Avian Protection**

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Threats and impacts to biodiversity are identified as part of the investment approval process before we undertake major construction projects or acquisitions, such as through IPAC assessments—a project planning tools streamlining US Fish and Wildlife Service environmental review processes. Risk identification and management processes are required to avoid, minimize, or mitigate such risks as needed to complete construction, commissioning, and transition to operation. Major capital projects and permit renewals are re-assessed for their impacts on biodiversity, such as for our Waterford 3 and River Bend Station nuclear sites. Since 2011, our avian protection program has successfully created a more avian-friendly environment by retrofitting problematic existing distribution poles, implementing new distribution avian construction standards, and replacing insulators on transmission structures. Entergy will also readjust project timing and location based on nesting sites to avoid adverse effects on protected populations. Each business function's environmental leadership team works closely with Entergy project managers to ensure biodiversity issues are managed appropriately, and Entergy conducts approximately 30 site-level external audits annually that include standards related to biodiversity protection. Entergy's extensive vegetation management program helps shield our electric lines from overgrown vegetation so we can reduce vegetation-related incidents and deliver safe and reliable service. We've recently committed 1.9 million in in-kind contributions over five years to the Regional Conservation Partnership Program, which funds projects that improve wildlife habitats and foster biodiversity. Through our low-volume, selective herbicide application program, we can responsibly target and clear invasive and tall-growing vegetation with precision. In turn, we mitigate disruption to native species and foster more hospitable habitats for local foliage and wildlife. We take a systematic, comprehensive and year-round approach to vegetation management. We're prepared to respond to the worst, especially during hurricane season. Our ongoing storm preparations include rights-of-way inspections at scheduled intervals, with the goal of clearing incompatible vegetation that could pose reliability or safety risks. After a storm, our priority is restoring power safely and efficiently. We remove downed trees and limbs that interfere with our electric lines and equipment to facilitate safe service restoration.

[Add row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: ☑ No, and we do not plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years

[Fixed row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Executive Vice President and General Counsel

(13.3.2) Corresponding job category

Select from:
☑ Other, please specify
[Fixed row]