Constellation Energy Corporation

2025 CDP Corporate Questionnaire 2025

Word version

Important: this export excludes unanswered questions
This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.
Read full terms of disclosure

09/18/2025, 03:32 pm

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C1. Introduction

(1.1) In which language are you submitting your response?

Select from:
☑ English

(1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:
☑ USD

(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

*Constellation Energy Corporation (NASDAQ: CEG), through Constellation Energy Generation, LLC and its subsidiaries, (collectively, Constellation) is America's largest producer of reliable, clean, carbon-free energy. Our purpose is to accelerate the transition to a carbon-free future, and we do this while providing reliable and affordable energy. Our emissions-free generation fleet of nuclear, hydroelectric, wind and solar facilities generated approximately 188 terawatt hours (TWh) of clean energy in 2024, powering the equivalent of 16 million homes and representing approximately 10 percent of all clean power generated in the U.S. In total, last year our emissions-free fleet avoided more than 126 million metric tons of carbon emissions. We also operate natural gas plants and other assets that offer a mix of baseload, intermediate and peak power generation. We supply reliable and affordable power to our approximately 2 million residential, public sector and business customers, including 75 percent of the Fortune 100. In addition to clean energy, we offer innovative sustainability solutions, such as hourly carbon-free energy matching and Constellation Offsite Renewables (CORe), to enable our customers to reach their sustainability goals. *As used in this report, the terms "clean," "carbon-free energy," and "emissions-free" refer to electricity that is generated by facilities that do not directly emit greenhouse gases (GHGs), such as carbon dioxide, or other air pollutants during the generating process.*
[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.

(1.4.1) End date of reporting year

12/31/2024

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:

☑ Yes

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:

☑ Yes

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:

☑ 3 years

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:

☑ 3 years

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:

☑ 3 years

[Fixed row]

(1.4.1) What is your organization’s annual revenue for the reporting period?

23568000000

(1.5) Provide details on your reporting boundary.

(1.5.1) Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?

Select from:

☑ No

(1.5.2) How does your reporting boundary differ to that used in your financial statement?

We follow the consolidated financial boundary. Constellation applies Generally Accepted Accounting Principles when compiling its financial statements for SEC reporting. We consolidate the accounts of entities in which we have a controlling financial interest, after the elimination of intercompany transactions. Where we do not have a controlling financial interest in an entity, proportionate consolidation, equity method accounting or accounting for investments in equity securities with or without readily determinable fair value is applied. We apply proportionate consolidation when we have an undivided interest in an asset and are proportionately liable for our share of each liability associated with the asset. We proportionately consolidate our undivided ownership interest in jointly owned electric plants. Under proportionate consolidation, we separately record our proportionate share of the assets, liabilities, revenues and expenses related to the undivided interest in the asset. See Note 9 — Jointly Owned Electric Plant for additional information on application of proportionate consolidation. We apply equity method accounting when we have a significant influence over an investee through an ownership in equity, which generally approximates a 20 percent to 50 percent voting interest. For our GHG accounting, Constellation follows the equity share boundary approach, as defined by the GHG Protocol, for the GHG emissions and associated energy data reported in Module 7: Environmental Performance – Climate Change. We follow the operational control boundary for the water-related data reported in Module 9: Environmental Performance – Water security.
[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

US2103T1097

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

21037T109

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

CEG

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ Yes

(1.6.2) Provide your unique identifier

BHM4FSI

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]

(1.7) Select the countries/areas in which you operate.

Select all that apply
☑ Canada
☑ United Kingdom of Great Britain and Northern Ireland

☑ United States of America

(1.8) Are you able to provide geolocation data for your facilities?

(1.8.1) Are you able to provide geolocation data for your facilities?

Select from:

☑ No, this is confidential data

(1.8.2) Comment

We utilize the World Resources Institute Aqueduct tool to broaden our understanding of potential future water scarcity risks caused by climate change and economic growth and how our operations may be impacted or may pose impacts in these scenarios. Constellation's largest water-consuming sites are in low-medium-risk regions, while our operations in high-water-risk areas use negligible amounts of water and do not face water scarcity risks. Although Constellation does not have significant water consuming operations in high-risk areas, our facilities maintain drought contingency management plans documenting how facilities will manage water needs in the case of drought emergencies, where appropriate. For a list of Constellation's operating facilities and office locations, please search online for "Constellation Energy Company Locations" and navigate to our Locations page on our website.
[Fixed row]

(1.16) In which part of the electric utilities value chain does your organization operate?

Electric utilities value chain

☑ Electricity generation

☑ Electricity purchasing

Other divisions

☑ Battery storage

(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:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

Lignite

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

Select from:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

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)

1079

(1.16.1.3) Gross electricity generation (GWh)

169

(1.16.1.4) Net electricity generation (GWh)

164

(1.16.1.5) Comment

Includes only units fully oil fired. Equity share ownership capacity as of December 31, 2024. Does not include dual fired units that may burn fuel oil part of the time - see below under other non-renewables below for dual-fired units.

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)

4617

(1.16.1.3) Gross electricity generation (GWh)

21018

(1.16.1.4) Net electricity generation (GWh)

20453

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2024. Does not include dual fired units that may burn natural gas part of the time - see below under other non-renewables below for dual-fired units.

Sustainable biomass

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

Select from:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

Other biomass

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

Select from:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

Waste (non-biomass)

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

Select from:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

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)

22068

(1.16.1.3) Gross electricity generation (GWh)

181783

(1.16.1.4) Net electricity generation (GWh)

181783

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2024.

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

(1.16.1.5) Comment

While we did not have any grid connected generation assets with CCS in 2024, Constellation constantly seeks new technologies to provide customers with low-carbon energy solutions. For example, we were also a strategic venture investor in NET Power, LLC, which went public through a business combination with special purpose acquisition company Rice Acquisition Corp. II to form a new company called NET Power Inc. NET Power is a clean energy technology company that promotes, develops and licenses a proprietary process for efficiently generating electricity from natural gas while capturing all CO2 emissions. NET Power's revolutionary patented technology captures over 97 percent of CO2 emissions from power generation by combusting natural gas with pure oxygen and recirculating most of the resulting CO2 emissions back into a turboexpander, which produces electricity. Any CO2 not recirculated through the process is captured for sequestration.

Geothermal

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

Select from:

☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

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)

1555

(1.16.1.3) Gross electricity generation (GWh)

1831

(1.16.1.4) Net electricity generation (GWh)

1831

(1.16.1.5) Comment

This includes generation associated with Conowingo Hydroelectric plant. Per CDP guidance, Muddy Run pumped storage facility has been omitted.

Wind

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

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

735

(1.16.1.3) Gross electricity generation (GWh)

3728

(1.16.1.4) Net electricity generation (GWh)

3728

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2024.

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)

268

(1.16.1.3) Gross electricity generation (GWh)

636

(1.16.1.4) Net electricity generation (GWh)

636

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2024.

Marine

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

Select from:
☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

Other renewable

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

Select from:
☑ No

(1.16.1.5) Comment

Constellation does not have this type of asset.

Other non-renewable

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

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

1352

(1.16.1.3) Gross electricity generation (GWh)

226

(1.16.1.4) Net electricity generation (GWh)

226

(1.16.1.5) Comment

These include generation facilities that can burn either natural gas or fuel oil and switch during the course of the year depending upon demand, fuel costs and fuel availability. Equity share ownership as of December 31, 2024.

Total

(1.16.1.2) Nameplate capacity (MW)

31676

(1.16.1.3) Gross electricity generation (GWh)

209442

(1.16.1.4) Net electricity generation (GWh)

208820

(1.16.1.5) Comment

Because of the specific rules of the CDP reporting to exclude certain sources, there may be slight differences in how this compares to our other public disclosures. Specifically, Constellation also has a 1070 MW capacity hydroelectric pumped storage facility and a 10 MW battery storage facility that we typically include in generation accounting in our Corporate Sustainability Report (CSR).
[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

(1.24.3) Highest supplier tier mapped

Select from:

☑ Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

☑ Tier 2 suppliers

(1.24.7) Description of mapping process and coverage

Constellation has visibility into all Tier 1 suppliers, but is currently limited beyond that scope in terms of further upstream visibility. There is some visibility upstream into specific Tier 2 subcontractors, but that is only mapped out for a specific subset of Tier 1 suppliers, and is primarily focused on spend with subcontractors that are certified small business enterprises or other small and local businesses. There is currently an effort underway at Constellation to build out a more robust Supplier Relationship Management program. An integral part of this effort is gaining visibility further upstream into our suppliers' value chains. This will not only strengthen Constellation's supply chain stability by keeping us alert of potential disruptions upstream, but it will also allow Constellation to build relationships with Tier 2 and Tier 3 suppliers and perhaps find alternate sources of procurement in the future. Supply chain risks, such as supplier disruptions or market fluctuations, emphasize the

vital need for effective risk management strategies to help ensure the continuity of our operations and strengthen organizational resilience. Additionally, we are focused on embedding resiliency, reliability, transparency, and equal opportunities into our supply chain and optimizing our operational efficiency. We aim to meaningfully engage with contractors, consultants, suppliers and vendors that help drive our mission and support our commitment to the highest standards of safety, quality, reliability, and technical excellence. Throughout the Supply organization-managed supplier vetting process, we assess suppliers against sustainability criteria to understand their initiatives and goals. We also monitor supplier performance and adherence to contractual agreements. We use internal metrics to assess the performance of our supply chain function, such as parts quality, safety performance, and strategic sourcing savings. We establish economic opportunity plans for the engagement of certified small business enterprises or other small and local suppliers and regularly review progress with our Chief Supply Officer and other executive leaders. For more information on the sustainability criteria included in supplier assessments, please see the 2.2 Supply Chain section of our 2025 CSR Data and Disclosure Appendix downloadable at www.constellationenergy.com/csr.
[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	Explain why your organization has not mapped plastics in your value chain
	Select from: ☑ No, and we do not plan to within the next two years	*Select from:* ☑ Judged to be unimportant or not relevant	*Plastic usage is not a material issue for Constellation.*

[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)

1

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

Short-term and Medium term time horizons align with our budgeting and forecasting process which include operationalization components of our strategy within that time frame.

Medium-term

(2.1.1) From (years)

1

(2.1.3) To (years)

5

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

Short-term and Medium term time horizons align with our budgeting and forecasting process which include operationalization components of our strategy within that time frame.

Long-term

(2.1.1) From (years)

6

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

Select from:

☑ Yes

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

The Long-term horizon aligns with our strategic planning process.
[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

(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

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

(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

☑ Medium-term

☑ Long-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

☑ Site-specific

☑ Local

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

☑ Internal company methods

Other

☑ External consultants

☑ Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Drought

☑ Landslide

☑ Wildfires

☑ Heat waves

☑ Cyclones, hurricanes, typhoons

☑ Heavy precipitation (rain, hail, snow/ice)

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

Chronic physical

☑ Water stress

☑ Changing precipitation patterns and types (rain, hail, snow/ice)

☑ Sea level rise
☑ Changing wind patterns
☑ Increased severity of extreme weather events
☑ Changing temperature (air, freshwater, marine water)

Policy
☑ Carbon pricing mechanisms
☑ Changes to international law and bilateral agreements
☑ Changes to national legislation

Market
☑ Changing customer behavior

Technology
☑ Transition to lower emissions technology and products

(2.2.2.14) Partners and stakeholders considered

Select all that apply
☑ Customers
☑ Employees
☑ Local communities
☑ Regulators
☑ Suppliers

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

Select from:
☑ Yes

(2.2.2.16) Further details of process

To effectively manage risks, we follow a layered approach that combines both top-down and bottom-up methodologies. The top-down approach involves identifying and analyzing risks from a strategic perspective, considering and gaining a comprehensive understanding of external factors such as the macro environment, industry trends, regulations and stakeholder expectations. The bottom-up approach focuses on identifying and analyzing risks from an operational perspective, involving and encouraging employees to use their expertise and actively identifying and reporting on environmental, social or operational concerns. These two approaches create a holistic risk management framework to proactively address challenges and safeguard our ability to operate responsibly, protect stakeholders' interests and maintain long-term business continuity. For more information on our climate-related and other business risks, please see Item 1A. Risk Factors in our 2024 Form 10-K. We design, construct and operate our facilities as much as possible in a manner that maximizes the resilience of these facilities to adapt to a changing climate. We also periodically perform analyses to better understand how climate change could affect our facilities and operations. In 2024, Constellation undertook a qualitative climate scenario analysis to assess the potential physical and transition risks arising from future climate conditions. The purpose of this analysis is to help Constellation understand the impacts of climate change on its operations, infrastructure, and long-term strategic objectives. Key findings from the analysis highlight potential physical risks, such as increasing frequency and severity of extreme weather, as well as transition risks driven by the shift to a low-carbon economy, including policy changes, technological advances, changing customer behavior, and market dynamics. The analysis also identified potential transition opportunities, including leveraging policy incentives and expanding low-emission power offerings and technologies. While many physical risks tend to unfold over longer time horizons, transition risks and opportunities are more immediate and require proactive planning. Constellation is working to incorporate the findings from this scenario analysis into the organization's risk management and strategic planning processes. By further evaluating a range of plausible climate scenarios, Constellation is better positioned to develop adaptation and mitigation strategies to ensure sustainability and resilience in an evolving climate landscape. In addition, we currently conduct seasonal readiness reviews at our power plants to ensure availability of fuel supplies and equipment performance before entering the summer and winter seasons and we consider and review national climate assessments to inform our short-term planning (storm seasons, potential peak demand, fuel requirements) as well as our longer-term planning. Past experiences have been used to improve our efforts to further the reliability of our assets during extreme weather events. Our nuclear fleet is resilient to weather extremes and generates emissions-free electricity 24 hours a day even during unexpectedly cold winter events and hot summer events. There are also clear opportunities for Constellation to mitigate the effects of climate change and accelerate the transition to a low-carbon future as a clean, carbon-free energy provider. We continually evaluate growth opportunities.

Row 2

(2.2.2.1) Environmental issue

Select all that apply

☑ Water

(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

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

(2.2.2.4) Coverage

Select from:

☑ Partial

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ More than once a year

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

(2.2.2.10) Integration of risk management process

Select from:

☑ A specific environmental risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local

(2.2.2.12) Tools and methods used

Commercially/publicly available tools

☑ WRI Aqueduct

Enterprise Risk Management

☑ Enterprise Risk Management

☑ Internal company methods

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Drought

☑ Heat waves

☑ Toxic spills

☑ Pollution incident

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

☑ Storm (including blizzards, dust, and sandstorms)

Chronic physical

☑ Water stress

☑ Sea level rise

☑ Groundwater depletion

☑ Declining water quality

☑ Rationing of municipal water supply

☑ Water quality at a basin/catchment level

☑ Water availability at a basin/catchment level

☑ Changing precipitation patterns and types (rain, hail, snow/ice)

☑ Increased levels of environmental pollutants in freshwater bodies

Policy

☑ Increased pricing of water

☑ Regulation of discharge quality/volumes

☑ Limited or lack of river basin management

☑ Limited or lack of transboundary water management

☑ Statutory water withdrawal limits/changes to water allocation

☑ Mandatory water efficiency, conservation, recycling, or process standards

☑ Introduction of regulatory standards for previously unregulated contaminants

☑ Increased difficulty in obtaining water withdrawals permit

Reputation

☑ Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)

Liability

☑ Exposure to litigation

☑ Moratoria and voluntary agreement

☑ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Local communities

☑ Regulators

☑ Water utilities at a local level

☑ Other water users at the basin/catchment level

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

Select from:

☑ No

(2.2.2.16) Further details of process

To effectively manage risks, we follow a layered approach that combines both top-down and bottom-up methodologies. The top-down approach involves identifying and analyzing risks from a strategic perspective, considering and gaining a comprehensive understanding of external factors such as the macro environment, industry trends, regulations and stakeholder expectations. The bottom-up approach focuses on identifying and analyzing risks from an operational perspective, involving and encouraging employees to use their expertise and actively identifying and reporting on environmental, social or operational concerns. These two approaches create a holistic risk management framework to proactively address challenges and safeguard our ability to operate responsibly, protect stakeholders' interests and maintain long-term business continuity. People, ecosystems and societies rely on water availability and accessibility to survive. Water scarcity continues to increasingly impact the world around us and poses a key risk for our industry and our business. As climate change progresses with evolving weather patterns and growing competition for existing resources, Constellation focuses on effective water resources management as part of our business strategy. We strive to minimize our consumptive water

use and reuse and recycle water, where feasible. Our commitment to responsible water stewardship is guided by our Water Resource Management Policy, which enables us to manage water-related risks and opportunities. We utilize the World Resources Institute Aqueduct tool to broaden our understanding of potential future water scarcity risks caused by climate change and economic growth and how our operations may be impacted or may pose impacts in these scenarios. Constellation's largest water-consuming sites are in low-medium-risk regions, while our operations in high-water-risk areas use negligible amounts of water and do not face water scarcity risks. Although Constellation does not have significant water consuming operations in high-risk areas, our facilities maintain drought contingency management plans documenting how facilities will manage water needs in the case of drought emergencies, where appropriate. To responsibly manage our water use, many of our facilities implement consumptive water mitigation plans and we work to minimize water use across our footprint through efficiency, technology, best practices and operational improvements. We also act at the site-level to address local water-related challenges through engagement with government agencies, communities, agriculture and industry groups. Our solar, wind and simple-cycle combustion turbine power installations have negligible consumptive water use. Water flows through our hydroelectric facilities to generate clean energy and is returned to the river without adversely impacting water quality. Moreover, Constellation removes an average of 600 tons of debris surrounding our Conowingo Dam in Maryland each year. We selected "Partial" in the "Coverage" column because we only assess and manage water-related dependencies, impacts, risks, and/or opportunities for our larger water-consuming generation sites, such as our nuclear, hydroelectric and natural gas assets, and not for our wind and solar generation sites or other facilities that use de minimis amounts of water.
[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

To effectively manage risks, we follow a layered approach that combines both top-down and bottom-up methodologies. The top-down approach involves identifying and analyzing risks from a strategic perspective, considering and gaining a comprehensive understanding of external factors such as the macro environment, industry trends, regulations and stakeholder expectations. The bottom-up approach focuses on identifying and analyzing risks from an operational perspective, involving and encouraging employees to use their expertise and actively identifying and reporting on environmental, social or operational concerns. These two approaches create a holistic risk management framework to proactively address challenges and safeguard our ability to operate responsibly, protect stakeholders' interests and maintain long-term business continuity.
[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 high ecosystem integrity

☑ Other sensitive location, please specify :Please see the "Description of process to identify priority locations" cell for details.

Locations with substantive dependencies, impacts, risks, and/or opportunities

☑ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to biodiversity

☑ Other location with substantive nature-related dependencies, impacts, risks, and/or opportunities, please specify :Please see the "Description of process to identify priority locations" cell for details.

(2.3.4) Description of process to identify priority locations

The implementation of natural resource conservation strategies and plans at our generation sites employ best management practices as well as applicable avoidance, minimization, and/or mitigation actions as needed. Tools used to identify important ecological priorities and potentially sensitive biodiversity locations include both federal and state biodiversity and natural resource databases and indices as well as consultation with applicable natural resource agencies on the identification of Rare, Threatened, and Endangered Species and Critical Habitats. Applicable Biological field surveys and monitoring are conducted to support the management plans and actions. Substantive operational or project-based impacts to these sensitive ecological areas and species are considered through Constellation environmental review procedure. Plans include Bird and Bat Conservation Strategies, Habitat Conservation Plans, Wildlife Incidental Reporting procedures, Habitat Enhancement and Vegetative Management Plan, and Bald Eagle Management Plan. At our renewable (wind and solar) sites, priority locations for biodiversity and high ecosystem integrity are voluntarily identified through processes that align with the USFWS Wind Energy Guidelines, USFWS Eagle Conservation Plan Guidelines, USFWS Bald Eagle Management Plan Guidelines and the USFWS Considerations for Avian and Bat Protection Plans. The thresholds, indicators, and criteria recommended by the USFWS or applicable state natural resource agency in the guidelines listed above are utilized for identifying substantive risks and/or opportunities relating to biodiversity or ecological importance. At our hydroelectric stations, sensitive ecosystems and important areas for biodiversity have been identified through the environmental impact review associated with the operating license process. Management plans for the shoreline and protected species including Bald Eagles, waterfowl, turtles, eels, anadromous fish, Migratory Birds and protected raptors are implemented at the sites. Fleet wide, other

sensitive locations, such as wetlands, sensitive riparian areas, or forest habitats are identified through Constellation's environmental review procedure during project development or operational changes. Examples would include the identification and delineation of wetlands, sedimentation and erosion plans, or forest stand delineations.

(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]

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Other, please specify :Please see the "Application of Definition" cell for details.

(2.4.3) Change to indicator

Select from:

☑ Absolute increase

(2.4.5) Absolute increase/ decrease figure

0

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

☑ Other, please specify :Impacts are measured in terms of income loss, reputation, enviro-social, and regulatory compliance.

(2.4.7) Application of definition

Risks are assessed on an inherent and residual basis using a 5-rating scale for the probability and frequency and a 4-rating scale to measure impact using qualitative and quantitative factors. For the purposes of our Enterprise Risk Management (ERM) process, we determine that a risk has a substantive impact if a risk has a probability rating scale of 3 or above, and an impact rating scale of 3 or above. We selected "Absolute increase" from the "Change to indicator" field, and entered 0 in the " Absolute increase/decrease figure" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Other, please specify :Please see the "Application of Definition" field.

(2.4.3) Change to indicator

Select from:

☑ Absolute increase

(2.4.5) Absolute increase/ decrease figure

0

(2.4.6) Metrics considered in definition

Select all that apply

☑ Other, please specify :Please see the “Application of Definition” field.

(2.4.7) Application of definition

This information is considered proprietary and confidential
[Add 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

Potential water pollutants associated with our business are identified and classified based upon parameters to be monitored and measured in accordance with facility permit requirements. Pollutants of concern may be identified through watershed organizations (e.g., PCB TMDL Coalition of the Delaware River Basin) or Total Maximum Daily Load (TMDL) limits in watersheds where we operate such as the Delaware River watershed where we monitor polychlorinated biphenyl (PCB) parameters as a result of a PCB TMDL in the watershed. Typical permit parameters can address water quality aspects from pH, temperature, dissolved oxygen, total suspended solids etc., and can vary across our operations depending upon the specific type of generating facility, geographical location and prevailing watershed characteristics. These aspects are considered across our value chain based on individual facility and watershed characteristics such as TMDLs, etc. Under the federal Clean Water Act, National Pollutant Discharge Elimination System (NPDES) permits for discharges into waterways are required to be obtained from the EPA or from the relevant state environmental agency and must be renewed periodically. Some facilities discharge storm water and industrial wastewater into waterways and are subject to these regulations and operate under NPDES permits or pending applications for renewals of such permits after being granted an administrative extension. Generation is also subject to the jurisdiction of the Delaware River Basin Commission and the Susquehanna River Basin Commission, regional agencies that primarily regulate water use.
[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:
☑ Oil

(2.5.1.2) Description of water pollutant and potential impacts

Oil and grease – potential surface water impacts in immediate receiving water body

(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
☑ Water recycling
☑ Beyond compliance with regulatory requirements
☑ Reduction or phase out of hazardous substances
☑ Provision of best practice instructions on product use
☑ Requirement for suppliers to comply with regulatory requirements
☑ Industrial and chemical accidents prevention, preparedness, and response
☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements
☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures. Successful implementation is assessed through sampling, tracking of self-identified permit non-compliances or other regulatory notifications. Our facilities utilize Spill Prevention, Control, and Countermeasure (SPCC) plans and regularly review and update them to control potential impacts of oil and grease.

Row 2

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Radiation

(2.5.1.2) Description of water pollutant and potential impacts

Radionuclides – potential for localized surface or groundwater impact

(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

☑ Beyond compliance with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements. Constellation has adopted a Radiological Groundwater Protection program that includes a robust groundwater monitoring program designed with the support of a third-party environmental engineering firm.

Samples are obtained from wells at least quarterly and are reviewed by station personnel, a corporate geologist and a third-party to identify and respond to impacts, if any. In addition, we have procedures that outline monitoring and ground water protection program objectives at our facilities which follow the Nuclear Energy Institute's NEI-07-07 Rev 1 Ground Water Protection Initiative Guidance Document which also includes communication to federal, state and local stakeholders. Monitoring is also conducted in accordance with the NRC REMP/RETS program requirements

Row 3

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Conventional Pollutants (BOD, TSS, Ph)

(2.5.1.2) Description of water pollutant and potential impacts

BOD (Biochemical Oxygen Demand), CBOD (Carbonaceous Biochemical Oxygen Demand), and COD (Chemical Oxygen Demand), TSS (total suspended solids), Ph – potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 4

(2.5.1.1) Water pollutant category

Select from:

☑ Other synthetic organic compounds

(2.5.1.2) Description of water pollutant and potential impacts

PCBs – potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 5

(2.5.1.1) Water pollutant category

Select from:

☑ Nitrates

(2.5.1.2) Description of water pollutant and potential impacts

Nitrogen - potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 6

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Thermal pollution

(2.5.1.2) Description of water pollutant and potential impacts

Temperature – potential for surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 7

(2.5.1.1) Water pollutant category

Select from:

☑ Inorganic pollutants

(2.5.1.2) Description of water pollutant and potential impacts

Metals - potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 8

(2.5.1.1) Water pollutant category

Select from:

☑ Phosphates

(2.5.1.2) Description of water pollutant and potential impacts

Phosphorus - potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.

Row 9

(2.5.1.1) Water pollutant category

Select from:

☑ Pathogens

(2.5.1.2) Description of water pollutant and potential impacts

fecal/ecoli, etc - potential surface water impacts in immediate receiving water body

(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

☑ Water recycling

☑ Beyond compliance with regulatory requirements

☑ Reduction or phase out of hazardous substances

☑ Provision of best practice instructions on product use

☑ Requirement for suppliers to comply with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

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

(2.5.1.5) Please explain

Pollutants and the actions and procedures to minimize adverse impacts of those pollutants in this category apply to nuclear, fossil, and hydroelectric generation facilities. Management procedures include: - Compliance with effluent quality standards - Measures to prevent spillage, leaching, and leakages - Community/stakeholder engagement - Emergency preparedness - Environmental monitoring conducted in accordance with applicable permit requirements and company procedures.
[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:

☑ 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:

☑ Environmental risks exist, but none with the potential to have a substantive effect on our organization

(3.1.3) Please explain

Constellation Generation assets operate in accordance with federal- or state-issued water intake and NPDES permits pursuant to the Clean Water Act. We also utilize the World Resources Institute Aqueduct tool to broaden our understanding of potential future water scarcity risks caused by climate change and economic growth and how our operations may be impacted or may pose impacts in these scenarios. Constellation's largest water-consuming sites are in low-medium-risk regions, while our operations in high-water-risk areas use negligible amounts of water and do not face water scarcity risks. Although Constellation does not have significant water consuming operations in high-risk areas, our facilities maintain drought contingency management plans documenting how facilities will manage water needs in the case of drought emergencies, where appropriate. Water scarcity continues to increasingly impact the world around us and poses a key risk for our industry and our

business. As climate change progresses with evolving weather patterns and growing competition for existing resources, Constellation focuses on effective water resources management as part of our business strategy. We strive to minimize our consumptive water use and reuse and recycle water, where feasible. Our commitment to responsible water stewardship is guided by our Water Resource Management Policy, which enables us to manage water-related risks and opportunities.

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 :Plastic usage is not a material issue for Constellation

(3.1.3) Please explain

Plastic usage is not a material issue for Constellation.
[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

☑ Other acute physical risk, please specify :Please refer to the "Organization-specific description of risk" field for details

(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

☑ Canada

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Our operations are affected by weather, which impacts demand for electricity and natural gas, the price of energy commodities, as well as operating conditions. To the extent that weather is warmer in the summer or colder in the winter than assumed, we could require greater resources to meet our contractual commitments. Extreme weather conditions or storms have affected the availability of generation and its transmission, limiting our ability to source or send power to where it is sold, and have also impaired the transportation of natural gas to our generating assets and our ability to supply natural gas to our customers. In addition, drought-like conditions limiting water usage could impact our ability to run certain generating assets at full capacity. These conditions, which cannot be reliably predicted, could cause market volatility.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased revenues due to reduced 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

☑ Medium-term

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

Select from:

☑ About as likely as not

(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

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is incorporating the outcomes of this assessment into its enterprise risk management framework. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable. In last year's CDP Climate survey response, we reported the anticipated financial effect associated with this risk to be $800 million, which is an approximate value based on the impacts to our business during past extreme weather experiences, as disclosed in Note 19 — Commitments and Contingencies of the Combined Notes to Consolidated Financial Statements of our 2023 Form 10-K. As we have not yet quantified the risks identified in our TCFD-aligned climate risk and opportunity assessment, we are continuing to use that value as an estimate for the anticipated effect of this risk on our financial position, financial performance and cash flows in the selected future time horizons.

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

Select from:

☑ Yes

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

800000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

800000000

(3.1.1.25) Explanation of financial effect figure

Please note: The value we entered in the "Anticipated financial effect figure in the medium-term…" cells is an approximate value based on the impacts to our business during past extreme weather experiences, as disclosed in the Risk Factors section of our Form 10-K. We are unable to provide a minimum and maximum range for this estimate, so are reporting the same value in both cells to satisfy CDP's disclosure requirements.

(3.1.1.26) Primary response to risk

Pricing and credits

☑ Other pricing or credit, please specify :This information is considered proprietary and confidential.

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Please note: We entered 0 in the "Cost of response" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(3.1.1.29) Description of response

Please note: The value we entered in the "Anticipated financial effect figure in the medium-term…" cells is an approximate value based on the impacts to our business during past extreme weather experiences, as disclosed in the Risk Factors section of our Form 10-K. We are unable to provide a minimum and maximum range for this estimate, so are reporting the same value in both cells to satisfy CDP's disclosure requirements. We may be subject to future extreme weather events which could impact our financial statements, but it is not possible to predict or quantify such events at this time. Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is incorporating the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the risks on our financial statements, if any.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

☑ Other chronic physical risk, please specify :Please refer to the "Organization-specific description of risk" field for details.

(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

☑ Canada

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Climate adaptation risk refers to risks to our facilities or operations that may result from changes in the physical climate, such as changes to temperatures, weather patterns and sea level rise. We periodically perform analyses to better understand how climate change could affect our facilities and operations. We primarily operate in the Midwest and East Coast of the United States, areas that have historically been prone to various types of severe weather events, and as such we have well-developed response and recovery programs based on these historical events. However, our physical facilities could be placed at greater risk of damage should changes in the global climate impact temperature and weather patterns, and result in more intense and frequent extreme weather events, unprecedented levels of precipitation, sea level rise, increased surface water temperatures, and/or other effects. Over time, we may need to make additional investments to protect our facilities from physical climate-related risks.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets

(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:

☑ More likely than not

(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

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is incorporating the outcomes of this assessment into its enterprise risk management framework.

(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

☑ Other pricing or credit, please specify :This information is considered proprietary and confidential.

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Please note: We entered 0 in the "Cost of response" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(3.1.1.29) Description of response

We may be subject to future extreme weather events which could impact our financial statements, but it is not possible to predict or quantify such events at this time. Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the risks on our financial statements, if any.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Changes to regulation of existing products and services

(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

☑ Canada

☑ United States of America

(3.1.1.9) Organization-specific description of risk

We are subject to comprehensive and complex environmental legislation and regulation at the federal, state, and local levels, including requirements relating to climate change and GHG emissions. Our business could be negatively affected by legislative and/or regulatory actions, including deregulatory actions. Federal and state regulatory and legislative developments related to emissions, climate change, energy price formation, resilience, fuel diversity and renewable portfolio standards (RPS) can impact market prices. Changes to current state or federal legislation that incentivize or require the use of clean, renewable, and alternate fuel sources could significantly impact us. The impact could include reduced use of some of our generating facilities with effects on our revenues and costs. Fundamental changes in regulations or other adverse legislative actions affecting our business would require changes in our business planning models and operations. We cannot predict when or whether legislative and regulatory proposals could become law or what their effect would be.

(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

☑ Short-term

☑ Medium-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

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the material risks on our financial statements, if any.

(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

☑ Other pricing or credit, please specify :This information is considered proprietary and confidential.

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Please note: We entered 0 in the "Cost of response" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(3.1.1.29) Description of response

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the risks on our financial statements, if any.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Technology

☑ Transition to lower emissions technology and products

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ Canada

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Advancements in power generation technology, including commercial and residential solar generation installations and commercial micro turbine installations, are improving the cost-effectiveness of customer self-supply of electricity. Improvements in energy storage technology, including batteries and fuel cells, could also better position customers to meet their around-the-clock electricity requirements. Improvements in energy efficiency of lighting, appliances, equipment and building materials will also affect energy consumption by customers. Changes in power generation, storage, and technologies could have significant effects on customer's behavior and their energy consumption.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased revenues due to reduced demand for products and services

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

Select all that apply

☑ Medium-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

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the material risks on our financial statements, if any.

(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

☑ Other pricing or credit, please specify :This information is considered proprietary and confidential.

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Please note: We entered 0 in the "Cost of response" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(3.1.1.29) Description of response

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the risks on our financial statements, if any.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk5

(3.1.1.3) Risk types and primary environmental risk driver

Technology

☑ Transition to lower emissions technology and products

(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

☑ Canada

☑ United States of America

(3.1.1.9) Organization-specific description of risk

We are potentially affected by emerging technologies that could, over time, affect or transform the energy industry. Technology developments could affect the price of energy, levels of customer-owned generation, customer expectations and current business models and make portions of our generation facilities uneconomic prior to the end of their useful lives. These technologies could also result in further declines in commodity prices or demand for delivered energy.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets

(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:

☑ 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

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the material risks on our financial statements, if any.

(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

☑ Other pricing or credit, please specify :This information is considered proprietary and confidential.

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Please note: We entered 0 in the "Cost of response" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(3.1.1.29) Description of response

Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the risks on our financial statements, if any.
[Add row]

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:

☑ Other, please specify :This information is not currently available

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

0

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☑ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

0

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☑ Less than 1%

(3.1.2.7) Explanation of financial figures

Please note: Constellation recently completed a TCFD-aligned climate risk and opportunity assessment, with a focus on technical assessment of transition risk to our business strategy, physical and transition risk to our supply chain, such as delivery of fuels, and incorporation of previous and ongoing physical risk assessments for our nuclear, gas, oil, hydroelectric and renewable generation assets. Constellation is working to incorporate the outcomes of this assessment into its enterprise risk management framework, which will include assessing the impact of the material risks on our financial statements, if any. We are not in a position to provide the financial data requested here and so we selected the options here to satisfy CDP's disclosure requirement.
[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	*We were not subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations in 2024.*

[Fixed row]

(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:

☑ Yes

(3.5.1) Select the carbon pricing regulation(s) which impact your operations.

Select all that apply

☑ California CaT - ETS

☑ Massachusetts state ETS

☑ RGGI - ETS

☑ Other ETS, please specify :Canada – Carbon Competitiveness Incentive Regulation

(3.5.2) Provide details of each Emissions Trading Scheme (ETS) your organization is regulated by.

California CaT - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

0

(3.5.2.2) % of Scope 2 emissions covered by the ETS

0

(3.5.2.3) Period start date

01/01/2024

(3.5.2.4) Period end date

12/31/2024

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

68521

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

0

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

0

(3.5.2.9) Details of ownership

Select from:

☑ Other, please specify :See Comment field

(3.5.2.10) Comment

Constellation does not have any power generation Scope 1 emissions in California, but under California regulations we must procure allowances for the emissions associated with the unspecified power we import into the state to serve load.

Massachusetts state ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

7.26

(3.5.2.2) % of Scope 2 emissions covered by the ETS

0

(3.5.2.3) Period start date

01/01/2024

(3.5.2.4) Period end date

12/31/2024

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

0

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

609836

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

0

(3.5.2.9) Details of ownership

Select from:

☑ Facilities we own and operate

(3.5.2.10) Comment

Covers fossil fuel-fired generation we own in Massachusetts

RGGI - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

8.02

(3.5.2.2) % of Scope 2 emissions covered by the ETS

0

(3.5.2.3) Period start date

01/01/2024

(3.5.2.4) Period end date

12/31/2024

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

1741766

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

673733

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

0

(3.5.2.9) Details of ownership

Select from:
☑ Facilities we own and operate

(3.5.2.10) Comment

Covers generation we own in in the participating states for fossil fuel-fired power plants sized 25 megawatts or greater (15 MW in New York).

Other ETS, please specify

(3.5.2.1) % of Scope 1 emissions covered by the ETS

2.98

(3.5.2.2) % of Scope 2 emissions covered by the ETS

0

(3.5.2.3) Period start date

01/01/2024

(3.5.2.4) Period end date

12/31/2024

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

108259

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

250250

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

0

(3.5.2.9) Details of ownership

Select from:

☑ Facilities we own and operate

(3.5.2.10) Comment

Covers our fossil fuel-fired power plant in Grand Prairie, Alberta.
[Fixed row]

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

The RGGI program covers fossil fuel electricity generation facilities larger than 25 MW in participating states (larger than 15 MW in NY). RGGI requires that we surrender allowances (1 allowance permits 1 short ton of emissions) equal to our facilities' CO2 emissions. Constellation purchases allowances based on estimated emissions from our generation planning process and carries forward any additional allowances that are not needed for meeting actual obligations, which are determined by the actual year end emissions resulting from each plant's operation. We purchase allowances to meet our compliance needs in the auctions or through the market as needed to meet the regulatory compliance deadlines. The Massachusetts Limits on Emissions from Electricity Generators cap-and-trade program functions similarly to RGGI. CO2 emissions from Constellation's fossil fuel-fired generating units located in MA are subject to an emissions budget. Thus, we must purchase and surrender emissions allowances equal to the CO2 emissions of these generating units. The Alberta Technology Innovation and Emission Reduction (TIER) system functions somewhat differently from a traditional cap-and-trade or cap-and-invest system. Covered facilities are responsible for emissions above an emissions rate benchmark for their source category. We comply with the regulation through a combination of fees and allowance/credit purchases.

(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?

Climate change

(3.6.1) Environmental opportunities identified

Select from:

☑ Yes, we have identified opportunities, and some/all are being realized

Water

(3.6.1) Environmental opportunities identified

Select from:

☑ No

(3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

☑ Other, please specify :Not yet evaluated

(3.6.3) Please explain

Constellation is working to determine our exposure to this issue to refine our strategy. For instance, we use the World Resources Institute Aqueduct tool to aggregate water stress indicators and understand projections of future water scarcity under scenarios of climate change and economic growth.
[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

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:

☑ 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

Customer demand for sustainable energy products and services is expected to accelerate as customers aim to achieve their decarbonization goals while electric demand increases due to the electrification of vehicles, buildings and industrial heating. Additionally, load growth is expected from technological advances, such as artificial intelligence (AI), that require significant computing power to operate and around-the-clock power to support the data centers that house such operations. For more information, please see the Powering a Reliable and Clean Energy Future chapter of our 2025 Constellation Sustainability Report.

(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

☑ Short-term

☑ Medium-term

☑ 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:

☑ High

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

This information is considered proprietary and confidential.

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

Select from:

☑ No

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Please note: Information regarding the "Cost to realize opportunity" field is considered proprietary and confidential.

(3.6.1.26) Strategy to realize opportunity

Our sustainable business strategy is focused on accelerating the nation's transition to a carbon-free energy future, responding to the climate crisis as a premier sustainability company and delivering long-term value for our customers, communities, employees and shareholders. Our nuclear fleet is a critical driver of the energy transition, providing reliable, resilient and secure carbon-free energy. Our unique blend of reliable zero- and low-emissions energy assets enables us to meet customer demand every hour of every day, throughout the year. Tackling the climate crisis by leveraging and expanding our state-of-the-art, reliable zero- and low-emissions energy assets is vital to our growth strategy and to efficiently achieving a decarbonized American economy. We are helping bring more clean energy to the market by seeking license extensions for our existing nuclear fleet, investing in projects to increase the capacity of our nuclear and renewable assets and developing

innovative approaches to support our customers' needs for clean reliable electricity while building out the clean energy solutions of tomorrow. Our nuclear generation facilities and clean energy centers provide opportunities beyond their current use as a baseload carbon-free energy source and provider of electricity to the electric grid. Some customers may locate their facilities adjacent to our nuclear plants—or co-located—to take direct advantage of our clean, 24/7 carbon-free electricity. One especially impactful co-location opportunity we're exploring is connecting data center customers to our nuclear plants. Our integrated commercial platform is designed to empower existing and future customers in how they buy, manage and use energy. We provide customized tools and innovative sustainability solutions that help our customers meet their clean energy goals, measure their carbon footprint, increase access to clean, carbon-free power, improve energy efficiency and reduce emissions. Not only does our sustainable product portfolio enable our customers to accelerate their transition to a carbon-free future, but it also drives the development of future clean energy technologies. By developing a strong sustainable product portfolio, we aim to attract environmentally conscious customers, help them achieve their sustainability goals and strengthen our market position. For more information, see the Powering a Reliable and Clean Energy Future chapter of our 2025 Constellation Sustainability Report.
[Add row]

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

0

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:
☑ Less than 1%

(3.6.2.4) Explanation of financial figures

Please note: We entered 0 in the " Amount of financial metric aligned with opportunities…" field and selected "Less than 1%" in the "% of total financial metric aligned with opportunities…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential. We do not publicly disclose revenues at the product level, including revenues from sustainable products. For more information, please see the Powering the Clean Energy Future chapter of our 2025 Sustainability Report.
[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

☑ Independent non-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

Regarding the "Types of directors…" field in this table, the Board consists of 11 members, including the president and CEO and ten independent directors, and ensures alignment with best practices in governance through evaluation of executive compensation and corporate citizenship initiatives including sustainability, environmental stewardship and social responsibility. Regarding the "Board diversity…" field, the Board believes that it is appropriate and desirable to pursue efforts to have the composition of the Board reflect a wide range of backgrounds and experience at various policy making and executive levels in business, government, and education and in industries that are relevant to the Company's business operations and that reflect diverse perspectives and backgrounds that best enable effective decision-making.

(4.1.6) Attach the policy (optional)

CEG_Corporate_Governance_Principles_4_11_25.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
☑ Board chair
☑ Director on board
☑ Chief Executive Officer (CEO)

☑ Board-level committee

(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

☑ Board Terms of Reference

☑ Other policy applicable to the board, please specify :Corporate Governance Committee Charter & Nuclear Oversight 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 progress towards corporate targets

☑ Overseeing and guiding public policy engagement

☑ Reviewing and guiding innovation/R&D priorities

☑ Approving and/or overseeing employee incentives

☑ Overseeing and guiding major capital expenditures

☑ Monitoring compliance with corporate policies and/or commitments

☑ Overseeing and guiding the development of a climate transition plan

☑ Monitoring the implementation of the business strategy

☑ Overseeing reporting, audit, and verification processes

☑ Monitoring the implementation of a climate transition plan

☑ Overseeing and guiding the development of a business strategy

☑ Overseeing and guiding acquisitions, mergers, and divestitures

(4.1.2.7) Please explain

Given the nature of the Company's business, climate-related issues, especially around carbon-free generation of electricity, are discussed at every board meeting. We also have specific executive leaders responsible for advancing our ESG principles. For instance, the Constellation Sustainability Council, led by the Vice President of Sustainability and Climate Strategy, is comprised of executive representatives from key functions within Constellation. The Council meets four times per

year to review sustainability policies and initiatives, ensure strategic alignment, discuss emerging ESG trends, and make informed suggestions to senior leadership. For the "Board Terms of Reference" selected in the "Policies which outline the positions' accountability" column, please refer to the Corporate Governance Committee Charter located at https://www.constellationenergy.com/content/dam/constellationenergy/pdfs/boards-and-committees/Corporate_Governance_Committee_Charter_7252022.docx

Water

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

Select all that apply

☑ Board-level committee

(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

☑ Board Terms of Reference

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

Select from:

☑ Sporadic – agenda item as important matters arise

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

Select all that apply

☑ Monitoring progress towards corporate targets
☑ Overseeing and guiding public policy engagement
☑ Reviewing and guiding innovation/R&D priorities
☑ Approving and/or overseeing employee incentives
☑ Overseeing and guiding major capital expenditures
☑ Monitoring the implementation of the business strategy
☑ Overseeing reporting, audit, and verification processes
☑ Monitoring the implementation of a climate transition plan
☑ Overseeing and guiding the development of a business strategy
☑ 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

(4.1.2.7) Please explain

Constellation is subject to comprehensive and complex environmental statutes and regulations at the federal, state and local levels, including requirements relating to water quality, impacts on species and habitat, solid and hazardous waste and air emissions. Our Board of Directors reviews the management of environmental matters. Our executive team, including the CEO and other senior management, is accountable for our environmental compliance and our compliance assurance strategy. The performance of individuals directly involved in environmental compliance affects compensation as part of the annual individual performance review process. The executive team is also in charge of ensuring compliance with various federal and state regulatory requirements. The executive team provides regular reports to the board regarding any potential compliance issues with these regulations. For the "Board Terms of Reference" selected in the "Policies which outline the positions' accountability" column, please refer to the Corporate Governance Committee Charter located at https://www.constellationenergy.com/content/dam/constellationenergy/pdfs/boards-and-committees/Corporate_Governance_Committee_Charter_7252022.docx [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

☑ Consulting regularly with an internal, permanent, subject-expert working group

☑ Integrating knowledge of environmental issues into board nominating process

☑ 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 an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

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

☑ Consulting regularly with an internal, permanent, subject-expert working group

☑ Integrating knowledge of environmental issues into board nominating process

☑ 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 an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

[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

[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

Strategy and financial planning

☑ Developing a climate transition plan

☑ Implementing a climate transition plan

☑ Managing acquisitions, mergers, and divestitures related to environmental issues

☑ Managing major capital and/or operational expenditures relating to environmental issues

(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

Constellation combines the largest carbon-free generation fleet in the U.S. with one of the leading customer-facing businesses, which offers innovative solutions along the sustainability continuum. Accordingly, it is imperative that the responsibility for overseeing and leading the company with respect to climate-related issues rests with the Chief Executive.

Water

(4.3.1.1) Position of individual or committee with responsibility

Committee

☑ Other committee, please specify :Executive Committee

(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:

☑ As important matters arise

(4.3.1.6) Please explain

Constellation is subject to comprehensive and complex environmental statutes and regulations at the federal, state and local levels, including requirements relating to water quality, impacts on species and habitat, solid and hazardous waste and air emissions. Our Board of Directors has oversight of the management of environmental matters. Our executive team, including the CEO and other senior management, is ultimately accountable for our environmental compliance and our compliance assurance strategy. At Constellation, we are committed to protecting and sustaining the environment by complying with applicable regulatory requirements while protecting and enhancing life below water and on land. Constellation's Environmental Council oversees our program and is comprised of leaders from each business unit. The Council is subject to oversight from the Board of Directors and meets four times per year to review policies and initiatives, ensure strategic alignment, discuss emerging environmental trends and make informed suggestions to senior executive leadership.
[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:

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

(4.5.3) Please explain

At present our executive compensation program does not include climate-related metrics; however, including such metrics is under evaluation.

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

(4.5.3) Please explain

Constellation is subject to comprehensive and complex environmental statutes and regulations at the federal, state and local levels, including requirements relating to water quality, impacts on species and habitat, solid and hazardous waste and air emissions The performance of individuals directly involved in environmental compliance affects compensation as part of the annual individual performance review process.
[Fixed 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

(4.6.1.4) Explain the coverage

We strive to protect and restore the environment and enhance the daily lives of our customers, employees, and communities by effectively managing our impacts to air, land, and water. Constellation's environmental commitments are key to creating a better future for the people we serve. Our overarching environmental policy is public, is aligned with our guiding principles, and states that we are committed to protecting and sustaining the environment by complying with regulations, assessing risk, and engaging appropriate stakeholders. Our Climate Change Policy guides our clean energy and climate strategy and reinforces our commitment to support meaningful climate action, within our own operations and beyond.

(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

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

Select all that apply

☑ No, and we do not plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

Constellation-Climate-Change-Policy.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Water

(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

(4.6.1.4) Explain the coverage

We strive to protect and restore the environment and enhance the daily lives of our customers, employees, and communities by effectively managing our impacts to air, land, and water. Constellation's environmental commitments are key to creating a better future for the people we serve. Our overarching public environmental policy is aligned with our guiding principles and states that we are committed to protecting and sustaining the environment by complying with regulations, assessing risk, and engaging appropriate stakeholders. Our commitment to responsible water stewardship is guided by our Water Resource Management Policy, which enables us to manage water-related risks and opportunities.

(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

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

Select all that apply

☑ No, and we do not plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

Constellation-Water-Resource-Management-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

☑ Other, please specify :See the “Describe your organization’s role…” field for details

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

Our relationships with external organizations and initiatives are essential for advancing the adoption of clean energy technology and expanding the development of innovative research. Constellation collaborates with leading clean energy research institutions across the U.S., including MIT Energy Initiative, Argonne National Laboratory, the Electrical Power Research Institute (EPRI) and GTI Energy Low Carbon Resource Initiative (LCRI), in addition to funding agencies, including the DOE. Constellation is also a member of the United Nations Global Compact (UNGC) on 24/7 Carbon-free Energy. Constellation collaborates with many of the other signatories to advance markets, infrastructure, technology, frameworks, and policies that enable clean energy resources to meet electricity demand in every hour of the year. Constellation’s efforts have been highlighted in newsletters and materials published in association with the Compact and we participate in Compact-sponsored events in the US and abroad. Constellation is a member of the Climate Leadership Council, alongside other organizations playing a pivotal role in identifying climate solutions and decarbonizing the economy. Constellation serves on the Advisory Committee of the Clean Energy Accounting Project (CEAP). The CEAP develops standardized, stakeholder-reviewed clean energy and greenhouse gas (GHG) emissions accounting guidance addressing outstanding questions in voluntary and regulatory markets. We also maintain memberships with and actively participate in trade associations and other organizations to further our sustainability efforts. Our current association memberships include the Nuclear Energy Institute, The Clean Energy Group, Center for Climate and Energy Solutions (C2ES), Energy Strategy Coalition, and the Clean Energy Buyers Association. As strong supporters of actions that address the climate crisis, membership in these organizations allows us to advocate and influence industry positions on clean energy and climate policies, as well as share safety best practices. We also actively

participate in an advisory capacity for other clean energy-focused organizations such as EnergyTag, Clean Air Task Force, and The Regulatory Assistance Project, among others.
[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:

☑ No, and we do not plan to have one in the next two years

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:

☑ Unknown

(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

Our Public Policy and Sustainability organizations work collaboratively to ensure that our public advocacy is consistent with our climate commitments. We do not currently have a policy position that is strictly consistent with the Paris Agreement. However, our policy priorities include support for clean, carbon-free energy generation—including the preservation and expansion of nuclear power—hydrogen development, hourly carbon-free energy products, accurate GHG emissions accounting and competitive retail and wholesale markets that incentivize the retention and deployment of clean, carbon-free energy resources.

[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

We believe that a federal policy that places a value on carbon emissions would be the most efficient solution. Until then, we support state programs that recognize nuclear units for their environmental attributes. We also support policies that ensure the continued operation of the nuclear fleet, e.g. the production tax credit for existing nuclear units that was included in the Inflation Reduction Act in 2022 and maintained in the One Big Beautiful Bill Act signed into law July 4th, 2025.

(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 for low-carbon, non-renewable energy projects

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

Select from:

☑ Sub-national

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

Select all that apply

☑ United States of America

(4.11.1.6) Your organization’s position on the policy, law, or regulation

Select from:

☑ Support with minor exceptions

(4.11.1.7) Details of any exceptions and your organization’s proposed alternative approach to the policy, law, or regulation

Constellation generally supports climate change-related policies for the power sector that are cost effective, resource neutral, and achievable. To the extent that policies and policy proposals depart from these principles, we may take exception.

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

Select all that apply

☑ Ad-hoc meetings

☑ Regular meetings

☑ Discussion in public forums

☑ Responding to consultations

☑ Provided funding or in-kind support

☑ Submitting written proposals/inquiries

☑ Participation in voluntary government programs

☑ Participation in working groups organized by policy makers

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(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

We entered 0 in the "Funding figure…" field to satisfy CDP’s disclosure requirement as this information is considered proprietary and confidential.

(4.11.1.11) Indicate if you have evaluated whether your organization’s engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

Row 2

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

Addressing the climate crisis is one of the single greatest things we can do to ensure that our communities remain strong, safe and prosperous. Volatile weather is fast becoming the norm in our communities and the physical stress and damage to energy infrastructure is something one can already see and measure. Policy and market designs must recognize the value of zero- carbon generation. Solutions must be affordable for all customers.

(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

Energy and renewables

☑ Energy attribute certificate systems

☑ Green electricity tariffs/renewable energy PPAs

☑ Low-carbon, non-renewable energy generation

(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

(4.11.1.6) Your organization’s position on the policy, law, or regulation

Select from:

☑ Support with minor exceptions

(4.11.1.7) Details of any exceptions and your organization's proposed alternative approach to the policy, law, or regulation

Constellation generally supports climate change related policies for the power sector that are cost effective, resource neutral, and achievable. To the extent that policies and policy proposals depart from these principles, we may take exception.

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

Select all that apply

☑ Ad-hoc meetings
☑ Regular meetings
☑ Discussion in public forums
☑ Responding to consultations
☑ Provided funding or in-kind support
☑ Submitting written proposals/inquiries
☑ Participation in working groups organized by policy makers

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(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

We entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

Row 3

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

As the nation retires dispatchable fossil fuel generation assets and deploys intermittent renewable energy resources, the electricity industry must address the growing need for clean, firm energy sources that can meet demand affordably and reliably. Keeping our nation's existing nuclear fleet online and adding more diverse clean power resources like advanced nuclear and medium- to long-duration energy storage will serve a pivotal role in a reliable clean energy future.

(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

Energy and renewables

☑ Low-carbon, non-renewable energy generation

(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

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

☑ Support with minor exceptions

(4.11.1.7) Details of any exceptions and your organization's proposed alternative approach to the policy, law, or regulation

Constellation generally supports climate change-related policies for the power sector that are cost effective, resource neutral, and achievable. To the extent that policies and policy proposals depart from these principles, we may take exception.

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

Select all that apply

☑ Ad-hoc meetings
☑ Regular meetings
☑ Discussion in public forums
☑ Responding to consultations
☑ Provided funding or in-kind support
☑ Submitting written proposals/inquiries
☑ Participation in voluntary government programs
☑ Participation in working groups organized by policy makers

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(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

We entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

[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

☑ Other trade association in North America, please specify :Nuclear Energy Institute

(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

Reducing carbon dioxide emissions, while fostering sustainable development, is a major global challenge of the 21st century. Nuclear energy is a vital source of electricity that can meet the nation's growing energy needs with a secure, domestic energy supply that also protects our air quality. The aim of Constellation's funding is to support NEI's mission to promote the beneficial uses of nuclear energy, and to further the mission of the organization. NEI directly and indirectly engages with policymakers and the public to provide guidance and insight on the myriad benefits of nuclear energy, not least of which is the avoidance of carbon emissions and emissions of other toxic and criteria pollutants. Please note: We entered 0 in the "Funding figure …" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is not aligned

Row 2

(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

The Center for Climate and Energy Solutions works to secure a safe and stable climate by accelerating the global transition to net-zero greenhouse gas emissions and a thriving, just, and resilient economy. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(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:

☑ Unknown

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

Select from:

☑ No, we did not attempt to influence their position

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

Row 3

(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

The Conservative Climate Foundation's (CCF) mission is to engage and inform the public and policymakers about reducing global and domestic emissions with common sense, economic, and environmentally sustainable strategies and solutions based on conservative principles. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(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:

☑ Mixed

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

Select from:

☑ No, we did not attempt to influence their 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 views of the various members of the CCF on climate change and climate change mitigation policies are heterogenous. Constellation's position may or may not be consistent with the views of the membership; however, we are broadly supportive of the effort to develop bi-partisan, common-sense solutions to the climate crisis.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

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

The mission of Climate Solutions Foundation, Inc (CSF) is to bring together ideologically diverse Members of Congress and their staff, global leaders, and corporate and trade executives to discuss climate science, economics, and policy. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(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:

☑ Mixed

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

Select from:

☑ No, we did not attempt to influence their 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 views of the various individuals convening under the aegis CSF on climate change and climate change mitigation policies are heterogenous. Constellation's position may or may not be consistent with the views of these individuals; however, we are broadly supportive of the effort to develop bi-partisan solutions to the climate crisis.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

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

Americans for Carbon Dividends (AFCD) is a national education and advocacy campaign that promotes a bipartisan climate solution where all sides win. As the most popular, equitable and politically viable climate solution, carbon dividends offers the best hope for a much-needed bipartisan climate breakthrough. It is already supported by the broadest climate coalition in U.S. history.

(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:

☑ No, we did not attempt to influence their 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

Constellation has long supported economy-wide cap-and-trade as one of the most promising approaches to cost-effective carbon emissions reductions. Our position is broadly consistent with the ACFD proposal, though it may differ on key program elements. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

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

Constellation participates in the Business Roundtable (BRT) through working groups, external engagements and CEO level participation. Being a member-led organization, Constellation's ability to influence the group's positions comes from being an active member engaged in all of BRT's positioning on climate issues. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(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:

☑ Mixed

(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 opposed 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

BRT supports the Paris Climate Accords and actions to achieve nationally determined contributions which is in alignment with Constellation's positions on climate.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☑ Paris Agreement

Row 7

(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

The Clean Energy Group supports engagement with federal environmental regulators and other regulatory bodies with purview over the power sector. Please note: we entered 0 in the "Funding figure…" field to satisfy CDP's disclosure requirement as this information is considered proprietary and confidential.

(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:

☑ Mixed

(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

Constellation advocates for sound federal power sector regulations for air toxics, criteria pollutants, and climate pollution. Constellation's positions are generally consistent with the public comments made under the auspices of the Clean Energy Group but may differ from the positions taken by individual Clean Energy Group companies.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ No, we have not evaluated

[Add row]

(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?

Select from:

☑ Yes

(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, in line with environmental disclosure standards or frameworks

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

☑ GRI

☑ Other, please specify :SASB

(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
☑ Dependencies & Impacts
☑ Public policy engagement
☑ Water accounting figures
☑ Content of environmental policies

(4.12.1.6) Page/section reference

Climate change: pages 9-24; Water: pages 25-26 Biodiversity: page 28

(4.12.1.7) Attach the relevant publication

Constellation-2025-CSR_Appendix_Combined.pdf

(4.12.1.8) Comment

We discuss our climate change topics in both the Powering a Reliable and Clean Energy Future chapter and the Protecting our Planet chapter in our 2025 Constellation Sustainability Report, and our water topic in the Protecting Our Planet chapter. Constellation 2025 CSR is aligned with GRI and SASB reporting frameworks.
[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:
☑ First time carrying out analysis

Water

(5.1.1) Use of scenario analysis

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

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:
☑ Not an immediate strategic priority

(5.1.4) Explain why your organization has not used scenario analysis

Undertaking scenario analysis related to water has not been a strategic priority for Constellation.
[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

Physical climate scenarios

☑ RCP 2.6

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ SSP1

(5.1.1.3) Approach to scenario

Select from:

☑ 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

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.6ºC - 1.9ºC

(5.1.1.7) Reference year

2014

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030

☑ 2040

☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

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

Regulators, legal and policy regimes

☑ Global regulation

☑ Level of action (from local to global)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Assumptions, uncertainties and constraints are based on CMIP6 modeling limitations and use of lower (SSP1-RCP 2.6 or SSP126) and higher (SSP3-RCP 7.0 or SSP370) potential global emissions futures. Scenario analysis was limited to climate indicator data available from CMIP6.

(5.1.1.11) Rationale for choice of scenario

We evaluated potential future climate change for a lower (SSP1-RCP 2.6 or SSP126) and higher (SSP3-RCP 7.0 or SSP370) potential global emissions futures. While CMIP6 data includes results for even lower and even higher global emissions projections (SSP119 and SSP585 respectively), SSP370 and SSP126 provide more plausible upper and lower bounds for global emissions. These two scenarios are regarded by the IPCC AR6 assessment as being the most plausible upper (SSP370) and lower (SSP126) bounds (IPCC, 2021).

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ RCP 7.0

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ SSP3

(5.1.1.3) Approach to scenario

Select from:

☑ 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

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 3.5ºC - 3.9ºC

(5.1.1.7) Reference year

2014

(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)

Regulators, legal and policy regimes

☑ Global regulation

☑ Level of action (from local to global)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Assumptions, uncertainties and constraints are based on CMIP6 modeling limitations and use of lower (SSP1-RCP 2.6 or SSP126) and higher (SSP3-RCP 7.0 or SSP370) potential global emissions futures. Scenario analysis was limited to climate indicator data available from CMIP6.

(5.1.1.11) Rationale for choice of scenario

We evaluated potential future climate change for a lower (SSP1-RCP 2.6 or SSP126) and higher (SSP3-RCP 7.0 or SSP370) potential global emissions futures. While CMIP6 data includes results for even lower and even higher global emissions projections (SSP119 and SSP585 respectively), SSP370 and SSP126 provide more plausible upper and lower bounds for global emissions. These two scenarios are regarded by the IPCC AR6 assessment as being the most plausible upper (SSP370) and lower (SSP126) bounds (IPCC, 2021).
[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

(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

Constellation completed a customized assessment of acute and chronic physical climate risks at 57 representative Constellation operated assets and supply chain locations. This was done via climate scenario modeling utilizing historic and projected climate scenario modeling data to assess nine climate hazards (both acute and chronic), including extreme temperatures (hot and cold), flooding (extreme rainfall, riverine, and coastal), tropical cyclones (also known as hurricanes), wildfires, landslides, and water stress. The scenario modeling analyzed both past climate conditions (2000s) and future projections for three time periods: the immediate (2030s), near-term (2040s), and long-term (2050s), under two emissions scenarios - low (SSP1-2.6) and high (SSP3-7.0). Potential impacts to operational resiliency based on these acute and chronic physical climate risks were identified, resulting in a technical report, with detailed assessment of each acute and chronic physical climate risk, the potential risk to operations posed and potential adaptation and mitigation strategies in the face of a changing climate.
[Fixed row]

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

(5.2.1) Transition plan

Select from:

☑ Yes, we have a climate transition plan which aligns with a 1.5°C world

(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

(5.2.6) Explain why your organization does not explicitly commit to cease all spending on and revenue generation from activities that contribute to fossil fuel expansion

We currently produce around 10 percent of the clean, carbon-free energy in the U.S. Our diverse generation portfolio serves our nation's energy needs with a mix of carbon-free and low-carbon resources, including the nation's largest nuclear fleet, as well as hydroelectric, wind, solar and efficient natural gas facilities. Today, our fleet's annual output is nearly 90 percent carbon-free, with a carbon intensity, on a per megawatt hour (MWh) basis, more than 75 percent lower than our nearest U.S. industry peer. We believe that equally important to transitioning to clean, safe, reliable and cost-effective power is ensuring that energy supply can meet customer demand, especially when intermittent renewable generation assets are not available to serve that demand. Our natural gas fleet includes some of the nation's cleanest and most efficient combined-cycle gas turbine units that provide a reliable source of energy for our electric customers as the grid undergoes the transition to lower-carbon sources. We continue to invest in research to identify ways to decarbonize our natural gas assets to ensure they can serve demand when and where it is needed. In 2023, we set an industry record for blending high concentrations of hydrogen with natural gas at our Hillabee gas plant in Alabama. This high percentage blending test highlights hydrogen's potential to meet the nation's climate goals by reducing carbon emissions from existing natural gas-fired power plants. Based on the hydrogen fuel blending rate of 38 percent tested, the plant's carbon emissions could be reduced by nearly 270,000 metric tons annually if implemented fully. In addition, Constellation advocates for policies that support long-term investment in clean, reliable and affordable power generation and further power sector decarbonization. We strongly support the need to reduce power sector emissions from new and existing fossil fuel-fired power plants and advocate for regulations that support a reliable transition to a more decarbonized grid. We also engage with policymakers on critical components of the energy transition, such as comprehensive workforce development and transition programs, community investment strategies and strategies to retire fossil fuel plants in the future.

(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 actively engage with stakeholders by integrating their perspectives into the development of our sustainability strategy and business plans. This includes hosting bi-annual investor calls for our largest institutional investors and utilizing various communication methods such as calls, meetings, publications and surveys to engage with other stakeholders throughout the year. We also have an active shareholder engagement process which provides valuable insights for the Board and its committees into investor perspectives and priorities. As part of the shareholder engagement process, we contact holders of a majority of our outstanding stock with offers to engage. The Constellation engagement team is comprised of members from our Office of Corporate Governance, Investor Relations, Sustainability, Compensation and Human Resources departments. The engagement team meets with shareholders to discuss a wide variety of issues, including business operations and strategy, sustainability and climate matters, executive compensation, human capital and Board composition and effectiveness. Engaging openly with our shareholders on these and other topics drives increased accountability, improves decision making and ultimately creates long-term value. The feedback received from shareholders and other stakeholders is shared with each Board committee and the Board, as appropriate.

(5.2.9) Frequency of feedback collection

Select from:

☑ More frequently than annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

Our clean electricity supply commitment is subject to policy support and technology advancements. Achieving our climate transition plan will be a challenge given the uncertainty in new technology development, the public policy landscape in the U.S. and future energy mix in the territories we serve. We will continually revisit these developments, refine our assumptions and adjust our roadmap as we approach 2030, to ensure we select the right path forward for our business to achieve our interim 2030 and long-term 2040 clean electricity supply commitment. In addition, our ability to achieve our climate transition plan depends on the outcomes of the current GHG Protocol update process. We assume the continuation of a Scope 2 market-based GHG accounting methodology and that hourly carbon-free energy matching to load will continue to be a valid avenue to reduce Scope 2 market-based emissions. We also consider insetting mechanisms such as Sustainable Aviation Fuel (SAF) credits or Renewable Thermal Credits (RTCs) as valid avenues to reduce Scope 1 emissions to address hard-to-abate emissions.

(5.2.11) Description of progress against transition plan disclosed in current or previous reporting period

In 2022, Constellation established the following climate commitments that fully cover our Scope 1 and 2 GHG emissions: (1) We commit that our owned electricity generation will be 95 percent carbon-free by 2030 and 100 percent carbon-free by 2040, equating to an absolute reduction target of approximately 40 percent by 2030 and 100 percent by 2040 for Scope 1 emissions from power generation. (2) We plan to reduce operations-driven emissions by 100 percent by 2040. Any emissions that cannot be technologically reduced will be offset. In the interim, we will reduce carbon emissions by 65 percent by 2030. (3) We also commit to reducing methane emissions by 30 percent by 2030 interim operational target of 65 percent reduction by 2030, from a 2020 baseline. Taken together, these three climate commitments cover 100 percent of our Scope 1 and 2 emissions and equate to an absolute reduction target of 100 percent by 2040 and approximately 42 percent by 2030 against a 2020 baseline, keeping us on track to reduce emissions at a rate aligned with a 1.5C world. Achieving our commitments will be a challenge given the uncertainty in new technology development, the public policy landscape in the U.S. and future energy mix in the territories we serve, but we have identified the following potential actions to aide in achieving reductions to our emissions from power generation: • Maintaining and extending the life of our nuclear fleet and growing our clean electricity fleet through uprates and acquisitions of clean energy assets. • Decarbonizing our natural gas fleet through technology interventions, such as blending natural gas with alternative fuels like clean hydrogen and renewable natural gas or post-combustion carbon capture and storage. • Investing in new

and emerging technologies, such as direct air capture and other high quality carbon removal technologies, to address any residual emissions toward our 2040 target. Our operational GHG emissions decreased by 41 percent from our 2020 baseline through equipment upgrades and efficiency gains across our fleet, as well as the procurement of hourly matching carbon-free energy for a significant portion of our operational electricity use. We believe that we can achieve 65 percent reduction in operations-driven emissions by 2030 through continued focus on these efforts, as well as fleet electrification, fuel switching from high global warming potential (GWP) refrigerants with newer, lower GWP refrigerants and replacing fossil fuels with biofuels where feasible, clean fuels such as purchasing Sustainable Aviation Fuel (SAF) credits for our corporate aircraft fleet to send the market signal for SAF demand, and increasing procurement of hourly matching with carbon-free energy. More detailed information on our achievement of our interim methane reduction target and ongoing progress can be found under section 7.54 Target Oth1.

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

Constellation-2025-CSR_Managing-Our-Climate-Impacts.pdf

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

☑ No other environmental issue considered

[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.

Products and services

(5.3.1.1) Effect type

Select all that apply

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Our commercial platform provides tools to empower existing and future customers to measure their carbon footprint, increase access to clean, carbon-free and renewable power, and improve energy efficiency and reduce emissions. Constellation capitalizes on this leading customer platform to enable customers to meet their energy and sustainability goals. Some of our innovative sustainable products include: • Constellation Offsite Renewables (CORe) offers customers access to existing offsite renewable projects through retail power contracts, and our CORe product offers access to new-build renewable energy projects and renewable energy certificates (RECs) through a physically-delivered retail electric supply agreement. • Hourly Carbon-Free Energy Matching provides customers with a transparent, independently verified view of their sustainability efforts, with hourly matching and reporting of carbon-free electricity supply and consumption. We partnered with Microsoft to develop an hourly-matching technology solution that enables us to match customers' power needs with regional carbon-free energy sources, 24/7/365. • Energy Attribute Certificates allow customers to match their purchased electricity with Emission-Free Energy Certificates, which represent the emission-free attributes of carbon-free generating sources, primarily nuclear, as well as RECs. • Constellation Energy Solutions support commercial customers by designing a customized plan to help them achieve their operational and sustainability goals.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☑ Risks

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

At Constellation, we embed resiliency, reliability and sustainability into our supply chain as part of our purpose to accelerate the transition to a carbon-free future. We incorporate ESG criteria into our supplier assessments and we integrate sustainability and resiliency through relationships with key suppliers that provide materials and services. We do not actively engage suppliers on climate issues unless there is a specific reason for doing so. One of the ambitious 2030 and 2040 climate goals that we announced in early 2022 includes that we will work with our key energy suppliers on their GHG emissions and climate adaptation strategies.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Constellation collaborates with customers, suppliers, universities, governments, national labs and startups to support innovations that will accelerate the energy transition. We also invest in and commercialize technological advancements essential to achieve a clean, carbon-free energy future. Constellation Technology Ventures (CTV) is the venture investing organization within Constellation Energy. CTV invests in technologies across the energy landscape that help mitigate the impact of climate change and that will disrupt how electricity is generated, managed and consumed. CTV actively collaborates with portfolio companies, driving commercialization initiatives to create value for portfolio companies and their customers. Areas of investment focus include technologies addressing the core power sector, carbon markets, electrification of the built environment and transportation. For more information on the types of technologies that CTV invests in, please visit Technology Ventures section of our Constellation Energy website.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Constellation owns and operates approximately 22,500 MW of carbon-free power generation which includes our nuclear fleet that provides clean and dispatchable energy for the electric grid, and we have set an ambitious goal of achieving 95 percent carbon-free electricity generation by 2030 and 100 percent by 2040. In 2023, we began developing a roadmap for achieving our climate goals which includes implementation plans that would put us on a path to reduce our Scope 1 and 2 emissions by 2030 and beyond. Taken collectively, our climate commitments wholly cover all our Scope 1 and 2 GHG emissions. By providing clean, safe, affordable and reliable energy and expanding the use of our generation fleet to decarbonize other sectors, we are well-positioned to meet the increasing demand for sustainable solutions and to deliver long-term value to our shareholders. Operational excellence at our power generation facilities is focused on producing and delivering energy as efficiently as possible, resulting in more affordable energy and lower greenhouse gas emissions per unit of energy produced and delivered. These processes also consider how the grid may need to respond to changes in energy demand caused by both the physical effects of climate change as well as policy responses to climate change. In 2024, 90 percent of the electric output from our owned power generation was from zero-carbon nuclear, hydroelectric or renewable assets, enabled by industry-leading nuclear capacity factors. Our operations may face climate-related physical risks, such as damage from increasing temperatures, severe weather events and sea level rise, as well as transition risks, such as changes to energy systems as a result of new technologies, changing customer expectations and regulatory requirements intended to reduce GHG emissions. However, there are also clear opportunities for Constellation to mitigate the effects of climate change and support the transition to a low-carbon future as a leading clean, carbon-free energy provider. As the risks from climate change become more apparent, there is a growing market for clean energy products, solutions and technologies as companies and organizations work to reduce their carbon footprint and comply with new regulations.
[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Capital expenditures

(5.3.2.2) Effect type

Select all that apply

☑ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

☑ Climate change

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

We continually evaluate growth opportunities aligned with our businesses, assets, and markets leveraging our expertise in those areas and offering durable returns. We may pursue growth opportunities that optimize our core business or expand upon our strengths, including, but not limited to the following: • Opportunistic carbon-free energy acquisitions • Create new value from the existing fleet through repowering, co-location and other opportunities, • Grow sustainability products and services for our customers focused on clean energy, efficiency, storage and electrification; help our C&I customers develop and meet sustainability targets, • Engagement with the technology and innovation ecosystem through continued partnerships with national labs, universities, startups, and research institutions, and • Explore advanced nuclear technology for investment and participation via advisory services to maintain our leadership position as stewards of a carbon-free energy future.

[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:

	Identification of spending/revenue that is aligned with your organization's climate transition
	☑ 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

Constellation has a dedicated budget for low-carbon product R&D. We continually evaluate growth opportunities aligned with our businesses, assets, and markets leveraging our expertise in those areas and offering durable returns. We may pursue growth opportunities that optimize our core business or expand upon our strengths, including, but not limited to the following: • Opportunistic energy acquisitions with a focus on reliability, • Create new value from the existing fleet through nuclear uprates and license extensions, repowering of renewables, co-location of data centers, production of clean hydrogen, and other opportunities, • Grow sustainability solutions for our customers focused on clean energy, efficiency, storage and electrification; help our C&I customers develop and meet sustainability targets, • Engagement with the technology and innovation ecosystem through continued partnerships with national labs, universities, startups, and research institutions, and • Continue to monitor opportunities to participate in advanced nuclear to maintain our leadership position as stewards of a carbon-free energy future. [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:

☑ Unable to disaggregate by technology area

(5.5.7.3) Average % of total R&D investment over the last 3 years

0

(5.5.7.4) R&D investment figure in the reporting year (unit currency as selected in 1.2) (optional)

0

(5.5.7.5) Average % of total R&D investment planned over the next 5 years

0

(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 selected 0 in the numeric fields in this question in order to satisfy CDP's disclosure system requirements. In reality, we, have significant investments in R&D for low-carbon products and services but are not in a position to disclose the level of detail required in the subsequent question at this time. For more information about our investments in innovative technologies that will help accelerate the transition to a carbon-free future, please visit the Innovation and Advancement - Strategy section of our Constellation Energy website.
[Add row]

(5.7) Break down, by source, your organization's CAPEX in the reporting year and CAPEX planned over the next 5 years.

Coal – hard

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Lignite

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Oil

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Please note: We entered 0 in the "CAPEX..." fields of this row to satisfy CDP's disclosure requirement as we do not break out CAPEX for our fossil fuel-fired generation plants publicly. Please refer to the "Other non- renewable (e.g. non-renewable hydrogen)" row in this table for an aggregated total of CAPEX associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Committed Growth).

Gas

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Please note: We entered 0 in the "CAPEX..." fields of this row to satisfy CDP's disclosure requirement as we do not break out CAPEX for our fossil fuel-fired generation plants publicly. Please refer to the "Other non- renewable (e.g. non-renewable hydrogen)" row in this table for an aggregated total of CAPEX associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Committed Growth).

Sustainable biomass

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Other biomass

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Waste (non-biomass)

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Nuclear

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

13500000000

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

51

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

37

(5.7.4) Most recent year in which a new power plant using this source was approved for development

1990

(5.7.5) Explain your CAPEX calculations, including any assumptions

We are using this row to disclose the capital expenditures associated with nuclear fuel in the reporting year (2024) and anticipated expenditures between 2025 and 2026. This information is also available on page 38 of our Calpine Acquisition Announcement Presentation located at on our Investor Relations website. 1990 is the most recent in-service date for one of Constellation's nuclear generation facilities

Geothermal

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Hydropower

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Please note: We entered 0 in the "CAPEX..." fields of this row to satisfy CDP's disclosure requirement as we do not break out CAPEX for our renewable generation plants publicly. Please refer to the "Other non- renewable (e.g. non-renewable hydrogen)" row in this table for an aggregated total of CAPEX associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Committed Growth).

Wind

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Please note: We entered 0 in the "CAPEX..." fields of this row to satisfy CDP's disclosure requirement as we do not break out CAPEX for our renewable generation plants publicly. Please refer to the "Other non- renewable (e.g. non-renewable hydrogen)" row in this table for an aggregated total of CAPEX associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Committed Growth).

Solar

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Please note: We entered 0 in the "CAPEX..." fields of this row to satisfy CDP's disclosure requirement as we do not break out CAPEX for our renewable generation plants publicly. Please refer to the "Other non- renewable (e.g. non-renewable hydrogen)" row in this table for an aggregated total of CAPEX associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Committed Growth).

Marine

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Fossil-fuel plants fitted with CCS

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Other renewable (e.g. renewable hydrogen)

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

0

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

(5.7.5) Explain your CAPEX calculations, including any assumptions

Not applicable - Constellation does not own this type of generating asset.

Other non-renewable (e.g. non-renewable hydrogen)

(5.7.1) CAPEX in the reporting year for power generation from this source (unit currency as selected in 1.2)

1300000000

(5.7.2) CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

49

(5.7.3) CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

63

(5.7.4) Most recent year in which a new power plant using this source was approved for development

2019

(5.7.5) Explain your CAPEX calculations, including any assumptions

We are using this row to disclose the total capital expenditures associated with maintaining existing assets (Baseline) and capital expenditures associated with committed growth opportunities (Growth) in the reporting year (2024) and anticipated expenditures between 2025 and 2026 because there is no option for us to add rows specific to those CAPEX categories in this survey response. This information is also available on page 38 of our Calpine Acquisition Announcement Presentation located on our investor relations website. 2019 is the most recent in-service date for one of Constellation's non-nuclear generation facilities.
[Fixed row]

(5.7.1) Break down your total planned CAPEX in your current CAPEX plan for products and services (e.g. smart grids, digitalization, etc.).

Row 1

(5.7.1.1) Products and services

Select from:
☑ Other, please specify :Total Planned CAPEX

(5.7.1.2) Description of product/service

Capital expenditures associated with maintaining existing assets (Baseline), Nuclear Fuel, and Growth opportunities between 2025 and 2026. This information is also available on page 38 of our Calpine Acquisition Announcement Presentation located on our Investor Relations website.

(5.7.1.3) CAPEX planned for product/service

4050000000

(5.7.1.4) Percentage of total CAPEX planned for products and services

100

(5.7.1.5) End year of CAPEX plan

2025
[Add row]

(5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

0

(5.9.2) Anticipated forward trend for CAPEX (+/- % change)

0

(5.9.3) Water-related OPEX (+/- % change)

0

(5.9.4) Anticipated forward trend for OPEX (+/- % change)

0

(5.9.5) Please explain

Please note: We entered 0 in the cells of this row to satisfy CDP's disclosure requirement as these metrics are not available.
[Fixed 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:
☑ Other, please specify :Market forward prices for existing carbon markets

(5.10.1.2) Objectives for implementing internal price

Select all that apply
☑ Navigate regulations

(5.10.1.3) Factors considered when determining the price

Select all that apply

☑ Alignment with the price of allowances under an Emissions Trading Scheme

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

In markets where a carbon price is effective in an existing program, Constellation uses a carbon price that is based on market forwards in its analysis to guide our business decisions for our existing electric generation projects and to help guide the implementation of our strategic plan. Constellation generates more than twice as much carbon-free electricity as any other company in the U.S. Regarding internal decision-making, we conduct near- and long-term modelling to inform our electric market positions, generation portfolio management, generation investment, and our strategic plan. Cross functional teams across the organization identify and regularly review key market drivers, including regulatory or policy influences such as a carbon price, and use them in our analyses to capture a range of plausible future outcomes and develop our overall generation strategy. Regulation of carbon is one of many considerations in our planning analyses and the impacts of carbon are weighed with other issues that may affect market conditions. Note: we have put $0 in for the actual price minimum and maximum, as our internal economic modelling is considered proprietary.

(5.10.1.5) Scopes covered

Select all that apply

☑ Scope 1

(5.10.1.6) Pricing approach used – spatial variance

Select from:

☑ Differentiated

(5.10.1.7) Indicate how and why the price is differentiated

Carbon prices are differentiated by region based on existing GHG policies.

(5.10.1.8) Pricing approach used – temporal variance

Select from:

☑ Evolutionary

(5.10.1.9) Indicate how you expect the price to change over time

In regions with existing GHG policies, Constellation uses market forward prices for emissions allowances. In 2023, the Regional Greenhouse Gas Initiative (RGGI), carbon market prices ranged between $16 and $25.75 per ton. In the California, Cap and Trade program prices ranged between $29.75 and $41.76 per ton in 2024. Both prices have more than doubled since 2015. Based on this historical context, Constellation expects that the price of carbon will continue to increase.

(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)

0

(5.10.1.12) Business decision-making processes the internal price is applied to

Select all that apply

☑ Operations

☑ Product and R&D

☑ Risk management

☑ Capital expenditure

☑ Opportunity management

☑ Public policy engagement

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

Select from:

☑ No

(5.10.1.14) % total emissions in the reporting year in selected scopes this internal price covers

9.7

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

Select from:

☑ No

[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
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Other value chain stakeholders	*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?

	Assessment of supplier dependencies and/or impacts on the environment
Climate change	*Select from:* ☑ No, we do not assess the dependencies and/or impacts of our suppliers, and have no plans to do so within two years

[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

☑ Reputation management

(5.11.2.4) Please explain

Depending on the nature of the scope of work being performed, Suppliers may be required to fill out an environmental questionnaire as part of their bid in the RFP Process. This questionnaire includes, but is not limited to, questions such as the ones below regarding the supplier's environmental compliance. This would only apply to contracts awarded through a RFP process: • Tell us about the environmental compliance record over the past 5 years at the facility/division/corporation

involved in completing this scope of work. • Does the facility/division/corporation involved in this scope of work have an environmental management system in place? (e.g. ISO14001, GSN Improvement Plan, or comparable?). • Tell us about energy use at the facility/division/corporation involved in completing this scope of work. In addition, our suppliers are expected to comply with all applicable environmental rules, regulations, and standards, per our Supplier Code of Conduct.
[Fixed row]

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

Climate change

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

☑ Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

☑ No, we do not have a policy in place for addressing non-compliance

(5.11.5.3) Comment

There are no specific climate change requirements in our contract terms and conditions (other than complying with all applicable environmental rules, laws, regulations, and standards). However, there are environmental questions in the bid template on our SMART sourcing tool that do ask specifically about climate change impacts as shown below but this would only apply to contracts awarded through a RFP process: • Tell us about the greenhouse gas emissions (GHG) at the facility/division/corporation involved in completing this scope of work • Do you currently work with your Tier 1 and Tier 2 suppliers on their environmental performance and the impact of climate change on their business? • Tell us about the environmental compliance record over the past 5 years at the facility/division/corporation involved in completing this scope of work.
[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:

☑ Other, please specify :See Comment field

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ No mechanism for monitoring compliance

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ None

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ None

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ None

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ None

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

Select from:

☑ Other, please specify :See Comment field

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Other, please specify :See Comment field

(5.11.6.12) Comment

There are no specific climate change requirements in our contract terms and conditions (other than complying with all applicable environmental rules, laws,, regulations, and standards). However, there are environmental questions in the bid template on our SMART sourcing tool that do ask specifically about climate change impacts as shown below but this would only apply to contracts awarded through an RFP process: • Tell us about the greenhouse gas emissions (GHG) at the facility/division/corporation involved in completing this scope of work • Do you currently work with your Tier 1 and Tier 2 suppliers on their environmental performance and the impact of climate change on their business? • Tell us about the environmental compliance record over the past 5 years at the facility/division/corporation involved in completing this scope of work.
[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:

☑ No other supplier engagement
[Add row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 76-99%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ 76-99%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Constellation New Energy began to provide Supplier specific emissions factors and enhanced communications around its voluntary renewable energy certificates (RECs) and Emissions Free Energy Certificates (EFECs) with its Commercial and Industrial (C&I) customers in response to increased interest in GHG emissions reduction and renewable energy commitments associated with the Paris Agreement. The engagement was first extended to all C&I customers, making available third-party verified supplier specific emission factors to assist with Scope 2 accounting, as well as assistance for customers in understanding the new WRI Scope 2 reporting and how to incorporate our new clean energy products such as EFECs (environmental attributes from nuclear) and CORe (easy access renewable packaged PPAs) that can help them to reach their climate change goals. This program highlights Constellation's low carbon generation portfolio and shows our customers how our product can assist in their efforts to reduce GHG emissions. These efforts relate directly to Upstream Energy related emissions associated with the purchased power needed to fulfill our customer load commitments. Upstream Energy from Purchased Electric from our Constellation retail organization related Scope 3 emissions accounts for 27 percent of the emissions reported in Queston # 7.8.

(5.11.9.6) Effect of engagement and measures of success

Constellation connects customers with clean energy through RECs and EFECs. New Mix wind RECs are sourced from renewable generating facilities within the United States. Each REC represents the positive environmental attributes of one MWh of electricity generated by a renewable power plant and is retired on behalf of customers wishing to promote their environmental commitment. The purchase of RECs supports the operation and development of facilities that generate clean, renewable energy. EFECs are created to represent the emission-free attributes of generating sources (such as nuclear) as defined by PJM, that do not emit greenhouse gases from combustion. When customers purchase a carbon-free electricity plan from Constellation, electricity they purchase is matched with EFECs from those energy sources providing carbon-free electricity. Constellation retired 8 million RECs and 8million nuclear Emission-Free Energy Certificates (EFECs) for customers in 2024.

Water

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Other

☑ Other, please specify :Water conservation products and services

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Our energy services business provides water conservation products and services such as installing ultra-low flow toilets and low flow showerheads as well as leak detection systems to public sector, commercial and industrial customers. Our Constellation Home business provides residential customers with low water impact products through various plumbing service and repair offerings.

(5.11.9.6) Effect of engagement and measures of success

We currently do not track customer water saving data for these products.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We actively engage with stakeholders by integrating their perspectives into the development of our sustainability strategy and business plans. This includes hosting bi-annual investor calls for our largest institutional investors and utilizing various communication methods such as calls, meetings, publications and surveys to engage with other stakeholders throughout the year. We also have an active shareholder engagement process which provides valuable insights for the Board and its committees into investor perspectives and priorities. As part of the shareholder engagement process, we contact holders of a majority of our outstanding stock with offers to engage. The Constellation engagement team is comprised of members from our Office of Corporate Governance, Investor Relations, Sustainability, Compensation and Human Resources departments. The engagement team meets with shareholders to discuss a wide variety of issues, including business operations and strategy, sustainability and climate matters, executive compensation, human capital and Board composition and effectiveness.

(5.11.9.6) Effect of engagement and measures of success

Stakeholder engagement is crucial for our sustainability efforts as it helps us understand diverse perspectives and priorities, identify emerging topics of concern and build trust. Through close collaboration, we enhance our decision-making processes and ensure that our sustainability initiatives effectively address stakeholder concerns. Engaging openly with our shareholders on these and other topics drives increased accountability, improves decision making and ultimately creates long-term value. The feedback received from shareholders and other stakeholders is shared with each Board committee and the Board, as appropriate.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Other value chain stakeholder, please specify :Universities, governments, national labs and startups

(5.11.9.2) Type and details of engagement

Innovation and collaboration

☑ Other innovation and collaboration, please specify :See “Rationale for engaging these stakeholders and scope of engagement” field

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Constellation collaborates with universities, governments, national labs and startups to support innovations that will accelerate the energy transition. This includes seeking federal and state government grants to demonstrate and deploy clean energy technologies. We believe that achieving a clean energy future will require investment in and commercialization of emerging technologies. This vision includes our research and development and grants program with leading universities and national laboratories. Working with research institutions such as the Massachusetts Institute of Technology, Argonne National Laboratory, the University of Maryland, the University of Maryland Baltimore County and the Electric Power Research Institute (EPRI), among others, this program aims to develop and deploy innovative solutions by leveraging external grant funding. Constellation Technology Ventures (CTV) is the venture investing organization within Constellation. CTV continues to

build a portfolio that represents a broad range of development stages and technology types by investing in companies exploring innovative energy technologies and business models. Areas of investment focus include companies and technologies that are active in the power and utilities sector, electrification of buildings and transportation, carbon markets and flexible load management and demand response. CTV actively explores opportunities to deploy portfolio companies' products via Constellation's commercial platform, where appropriate, in a mutually beneficial relationship.

(5.11.9.6) Effect of engagement and measures of success

In 2025, Constellation submitted a proposal for grant funding from the DOE to complete the early site work needed to prepare three of our existing nuclear sites—Clinton, Nine Mile Point and Calvert Cliffs Clean Energy Centers—as fast followers for new nuclear development. New York State Energy Research and Development Authority (NYSERDA) committed to providing significant cost share funding in support of the Nine Mile Point grant proposal. In 2024, Constellation pursued DOE funding to support a pre-FEED (Front-End Engineering Design) study to evaluate carbon capture and sequestration at our Colorado Bend natural gas facility. Constellation is participating in DOE grants related to feasibility studies for direct air capture of carbon dioxide, novel cybersecurity demonstration, nuclear modernization and nuclear enhancement activities.

Water

(5.11.9.1) Type of stakeholder

Select from:

☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We actively engage with stakeholders by integrating their perspectives into the development of our sustainability strategy and business plans. This includes hosting bi-annual investor calls for our largest institutional investors and utilizing various communication methods such as calls, meetings, publications and surveys to engage

with other stakeholders throughout the year. We also have an active shareholder engagement process which provides valuable insights for the Board and its committees into investor perspectives and priorities. As part of the shareholder engagement process, we contact holders of a majority of our outstanding stock with offers to engage. The Constellation engagement team is comprised of members from our Office of Corporate Governance, Investor Relations, Sustainability, Compensation and Human Resources departments. The engagement team meets with shareholders to discuss a wide variety of issues, including business operations and strategy, sustainability and climate matters, executive compensation, human capital and Board composition and effectiveness.

(5.11.9.6) Effect of engagement and measures of success

Stakeholder engagement is crucial for our sustainability efforts as it helps us understand diverse perspectives and priorities, identify emerging topics of concern and build trust. Through close collaboration, we enhance our decision-making processes and ensure that our sustainability initiatives effectively address stakeholder concerns. Engaging openly with our shareholders on these and other topics drives increased accountability and ultimately creates long-term value. The feedback received from shareholders and other stakeholders is shared with each Board committee and the Board, as appropriate.
[Add row]

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

(5.13.1) Environmental initiatives implemented due to CDP Supply Chain member engagement

Select from:

☑ No, and we do not plan to within the next two years

(5.13.2) Primary reason for not implementing environmental initiatives

Select from:

☑ Other, please specify :Please see the “Explain...” field for details

(5.13.3) Explain why your organization has not implemented any environmental initiatives

We selected the “No, and do not plan to in the next two years” option here because we did not implement any specific initiatives due to CDP Supply Chain member engagement, per this question verbiage, as sustainability is already core component of our business strategy. In fact, our purpose is to accelerate the transition to a carbon-free future. Constellation is the nation’s largest producer of clean, carbon-free energy and a leading supplier of energy products and services, including sustainable energy solutions. Our emissions-free generation fleet of nuclear, hydroelectric, wind and solar facilities generated approximately 188 terawatt hours (TWh) of clean energy in 2024, powering the equivalent of 16 million homes and representing approximately 10 percent of all clean power generated in the U.S. In total, last year our emissions-free fleet avoided more than 126 million metric tons of carbon emissions. We also operate natural gas plants and other assets that offer a mix of baseload, intermediate and peak power generation. We supply reliable and affordable power to our approximately 2 million residential, public sector and

*business customers, including 75 percent of the Fortune 100. In addition to clean energy, we offer innovative sustainability solutions, such as hourly carbon-free energy matching and Constellation Offsite Renewables (CORe), to enable our customers to reach their sustainability goals.For more information, please refer to our 2025 Sustainability Report. *As used in this report, the terms “clean,” “carbon-free energy,” and “emissions-free” refer to electricity that is generated by facilities that do not directly emit greenhouse gases (GHGs), such as carbon dioxide, or other air pollutants during the generating process.*
[Fixed row]

C6. Environmental Performance - Consolidation Approach

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

Climate change

(6.1.1) Consolidation approach used

Select from:

☑ Equity share

(6.1.2) Provide the rationale for the choice of consolidation approach

We proportionately consolidate our undivided ownership interest in jointly owned electric plants. As such, we use an equity share boundary approach for our greenhouse gas inventory and other climate-related metrics.

Water

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

We follow the operational control approach for water data at generation facilities we control that have a material impact on local water resources, and where we are able to determine the volumes water withdrawn, discharged and consumed.

Plastics

(6.1.1) Consolidation approach used

Select from:

☑ Other, please specify :Not Applicable

(6.1.2) Provide the rationale for the choice of consolidation approach

We are not providing data for plastics as it is not a material topic for Constellation.

Biodiversity

(6.1.1) Consolidation approach used

Select from:

☑ Other, please specify :Not Applicable

(6.1.2) Provide the rationale for the choice of consolidation approach

We are not providing any biodiversity data in this questionnaire. For biodiversity data we disclose, please see pages 6 and 27 of our 2025 Sustainability Report Data and Disclosure Appendix located on our Constellation Energy website.
[Fixed row]

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:
☑ No

(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?

	Has there been a structural change?
	Select all that apply ☑ No

[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]

(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Select all that apply

☑ ISO 14064-1

☑ The Greenhouse Gas Protocol: Scope 2 Guidance

☑ US EPA Mandatory Greenhouse Gas Reporting Rule

☑ The Climate Registry: General Reporting Protocol

☑ The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

☑ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

(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

(7.3.2) Scope 2, market-based

Select from:

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

(7.3.3) Comment

Equity Share Boundary; Scope 2 location-based uses the specific ISO average emission factor if available for the region, otherwise employing the EPA eGRID sub-regional factors from 2023 data set as issued in 2/2025; Scope 2 market-based use ISO residual factors where available, otherwise employing the EPA eGRID sub-regional factors from 2023 data set as issued in 2/2025 where ISO regional rates are not available. Scope 2 market-based also reflects Constellation purchases of PJM Emissions Free Energy Credits attributed to nuclear generation in this ISO where such attributes are tracked and able to be retired to a specific user.
[Fixed row]

(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Select from:
☑ No

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

Scope 1

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

7982743

(7.5.3) Methodological details

Includes direct Scope 1 stationary combustion, mobile combustion, process, and fugitive emissions.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

295684

(7.5.3) Methodological details

Includes Scope 2 purchased utility emissions using location-based method.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

351305

(7.5.3) Methodological details

Includes Scope 2 purchased utility emissions using market-based method.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

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

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

25469772

(7.5.3) Methodological details

Includes owned and Power Purchase Agreement (PPA) renewables for which attributes may have been sold as RECs or retired for Renewable Portfolio Standards (RPS) obligations.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

3261

(7.5.3) Methodological details

Includes Scope 3 emissions from commercial air travel, rail travel, hotel stays, and vehicle rental miles.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

6201

(7.5.3) Methodological details

Includes Scope 3 emissions from leased buildings, vehicles, and equipment.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

63361817

(7.5.3) Methodological details

Includes Scope 3 emissions from retail natural gas sales and the operation of heating and cooling equipment for others.

Scope 3 category 12: End of life treatment of sold products

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 14: Franchises

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3 category 15: Investments

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3: Other (upstream)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8

Scope 3: Other (downstream)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not calculated, see responses to question 7.8
[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)

8403750

(7.6.3) Methodological details

Scope 1 emissions are calculated for stationary combustion, mobile combustion, process, and fugitive emissions using GHG Protocol guidance based on an equity share boundary approach. For sources subject to the US EPA mandatory GHG reporting program, Constellation uses Scope 1 emissions as reported to the EPA.

Past year 1

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

9679181

(7.6.2) End date

12/31/2023

(7.6.3) Methodological details

Scope 1 emissions are calculated for stationary combustion, mobile combustion, process, and fugitive emissions using GHG Protocol guidance based on an equity share boundary approach. For sources subject to the US EPA mandatory GHG reporting program, Constellation uses Scope 1 emissions as reported to the EPA.

Past year 2

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

9102084

(7.6.2) End date

12/31/2022

(7.6.3) Methodological details

Scope 1 emissions are calculated for stationary combustion, mobile combustion, process, and fugitive emissions using GHG Protocol guidance based on an equity share boundary approach. For sources subject to the US EPA mandatory GHG reporting program, Constellation uses Scope 1 emissions as reported to the EPA.

Past year 3

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

8237643

(7.6.2) End date

12/31/2021

(7.6.3) Methodological details

Scope 1 emissions are calculated for stationary combustion, mobile combustion, process, and fugitive emissions using GHG Protocol guidance based on an equity share boundary approach. For sources subject to the US EPA mandatory GHG reporting program, Constellation uses Scope 1 emissions as reported to the EPA. [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)

235746

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

66756

(7.7.4) Methodological details

Scope 2 location-based emissions are calculated using eGRID emission factors based on the eGRID region where each facility is located. Scope 2 market-based emissions are calculated using ISO/RTO residual mix emission factors where available and eGRID regional emission factors where residual mix factors are not available.

Past year 1

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

292891

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

379850

(7.7.3) End date

12/31/2023

(7.7.4) Methodological details

Scope 2 location-based emissions are calculated using eGRID emission factors based on the eGRID region where each facility is located. Scope 2 market-based emissions are calculated using ISO/RTO residual mix emission factors where available and eGRID regional emission factors where residual mix factors are not available.

Past year 2

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

298226

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

362974

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

Scope 2 location-based emissions are calculated using eGRID emission factors based on the eGRID region where each facility is located. Scope 2 market-based emissions are calculated using ISO/RTO residual mix emission factors where available and eGRID regional emission factors where residual mix factors are not available.

Past year 3

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

305471

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

373242

(7.7.3) End date

12/31/2021

(7.7.4) Methodological details

Scope 2 location-based emissions are calculated using eGRID emission factors based on the eGRID region where each facility is located. Scope 2 market-based emissions are calculated using ISO/RTO residual mix emission factors where available and eGRID regional emission factors where residual mix factors are not available.
[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:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We plan to undertake a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 1 Purchased Goods and Services, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We plan to undertake a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 2 Capital Goods, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

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)

22480343

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

These emissions represent emissions associated with electricity not purchased or generated by Constellation, but the emissions that have been calculated include long term power purchase agreements and spot market purchases for generation in addition to our owned assets which are sold and traded as part of the Constellation retail and wholesale business. Attributes associated with renewable energy may be sold as RECs. eGRID plant specific emissions rates were employed for generation suppliers with long-term PPAs. Grid emissions rates are used for estimating emissions associated with electricity delivery as supplier rates are not typically available. National average grid mix was used for supply where source generation was not specified. These Scope 3 Category 3 emissions do not include the upstream life cycle emissions of the fuels we use for generation currently. We plan to undertake a comprehensive Scope 3 gap assessment within the next year where we will identify all potential sources of value chain emissions. Following this, if our Scope 3 upstream life cycle fuel emissions are deemed relevant, we will report on them accordingly.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We plan to undertake a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 5 Waste generated in operations, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We will be undertaking a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 5 Waste generated in operations, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

5800

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Constellation receives summaries of our miles travelled by each mode of transportation from our business travel agency. Constellation uses the latest EPA GHG Emissions Factor Hub emissions factors for calculation of business travel emissions beyond those captured from our fleet vehicles and aircraft in our Scope 1 emissions.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We plan to undertake a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 7 Employee commuting, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

9850

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Asset-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Constellation includes emissions from leased buildings and equipment in this category of emissions. There are some buildings for which actual data cannot be obtained and electricity use is estimated based on the square footage leased.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

At this time, we do not believe Scope 3 Category 9 Downstream Transportation and Distribution emissions are relevant to Constellation's business. There are minimal potential sources of emissions and there are not potential emissions reductions that could be undertaken by the company at this juncture.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

At this time, we do not believe Scope 3 Category 10 Processing of sold products emissions are relevant to Constellation's business. There are minimal potential sources of emissions and there are not potential emissions reductions that could be undertaken by the company at this juncture.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

62084910

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Fuel-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Within Scope 3 Category 11 Use of Sold Products, Constellation captures two sources of emissions: use of natural gas sold by our Constellation wholesale and retail organization (61.9 million metric tons CO2e) and emissions associated with electric generation, heating and cooling equipment we do not own but that we operate for others; or lease to others for their operations (such as fuel cells) primarily under our Energy Solutions business (207 thousand metric tons CO2e).

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

At this time, we do not believe Scope 3 Category 12 End of life treatment of sold products emissions are relevant to Constellation's business. There are minimal potential sources of emissions and there are not potential emissions reductions that could be undertaken by the company at this juncture.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation's Eddystone facility started to lease a portion of its property for transfer of fuel from rail to barge in 2014. This operation is small in comparison to our other operations and as a result, is not deemed relevant.

Franchises

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation did not have any applicable franchises in 2024.

Investments

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation addresses calculation and reporting of Scope 3 emissions for categories where data is most accessible and reliable. We plan to undertake a comprehensive Scope 3 gap assessment within the next two years where we will identify all potential sources of value chain emissions. We anticipate being able to report all our relevant Scope 3 emissions with reliable data sources to enable calculation upon completion of that process. Based on our current understanding, Constellation has emissions in Scope 3 Category 15 Investments, but these emissions are not likely to be relevant. We anticipate that emissions in this category will not comprise a large portion of our Scope 3 emissions when compared to our emissions in Scope 3 Categories 3 and 11. However, we will assess whether we have the ability to influence emissions reductions within this category such that we deem it relevant as part of our Scope 3 assessment.

Other (upstream)

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation is not aware of any emissions or categories of emissions that would be captured here.

Other (downstream)

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Constellation is not aware of any emissions or categories of emissions that would be captured here.
[Fixed row]

(7.8.1) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

(7.8.1.1) End date

12/31/2023

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

0

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

0

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

24922161

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

0

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

5817

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

6203

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

62548674

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

0

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

See comments in 7.8.

Past year 2

(7.8.1.1) End date

12/31/2022

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

0

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

0

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

21050841

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

0

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

3261

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

6376

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

60338396

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

0

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

See comments in 7.8.

Past year 3

(7.8.1.1) End date

12/31/2021

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

0

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

0

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

24065916

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

0

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

3064

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

4865

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

57441741

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

0

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

See comments in 7.8.
[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:*

	Verification/assurance status
	☑ 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:
☑ Reasonable assurance

(7.9.1.4) Attach the statement

Assurance Statement_Constellation CY 2024 GHG Emissions and Air Emissions Intensity-ASR_rev.pdf

(7.9.1.5) Page/section reference

See page 2

(7.9.1.6) Relevant standard

Select from:
☑ ISO14064-3

(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:

☑ Reasonable assurance

(7.9.2.5) Attach the statement

Assurance Statement_Constellation CY 2024 GHG Emissions and Air Emissions Intensity-ASR_rev.pdf

(7.9.2.6) Page/ section reference

See page 2

(7.9.2.7) Relevant standard

Select from:

☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100

Row 2

(7.9.2.1) Scope 2 approach

Select from:

☑ Scope 2 market-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:
☑ Reasonable assurance

(7.9.2.5) Attach the statement

Assurance Statement_Constellation CY 2024 GHG Emissions and Air Emissions Intensity-ASR_rev.pdf

(7.9.2.6) Page/ section reference

See page 2

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

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

☑ Scope 3: Business travel

☑ Scope 3: Upstream leased assets

☑ Scope 3: Use of sold products

(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

Assurance Statement_Constellation CY 2024 GHG Emissions and Air Emissions Intensity-ASR_rev.pdf

(7.9.3.6) Page/section reference

See page 2

(7.9.3.7) Relevant standard

Select from:

☑ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Select from:
☑ Decreased

(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.

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

313095

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

82

(7.10.1.4) Please explain calculation

Our market-based Scope 2 emissions decreased by 80 percent, driven by hourly carbon-free energy matching of our purchased electricity usage with deliverable supply of carbon-free energy from various plants from our PJM Interconnection fleet.

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

313095

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

82

(7.10.1.4) Please explain calculation

Our market-based Scope 2 emissions decreased by 82 percent, driven by hourly carbon-free energy matching of our purchased electricity usage with deliverable supply of carbon-free energy from our PJM Interconnection nuclear. We intend to only account for reductions in our market-based Scope 2 inventory if our energy consumption is matched with carbon-free energy on an hourly basis and from generation resources within the same market boundary as our load.

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

1053659

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

11.3

(7.10.1.4) Please explain calculation

This number are specifically emissions associated with our electric generation portfolio. This decrease is the result of our natural gas generation assets in Texas being called on less frequently than in prior years, planned and unplanned outages, and the planned retirement of our Mystic natural gas plant in Massachusetts.

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

235553

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

76

(7.10.1.4) Please explain calculation

In 2024, our Everett Marine Terminal (EMT) team worked to significantly reduce methane emissions. By focusing on operational improvements, making technical adjustments to equipment, collaborating with experts and continuously monitoring and addressing contributing factors, we reduced emissions from this plant

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable - no change.
[Fixed row]

(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Select from:

☑ Market-based

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:

☑ Yes

(7.12.1) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
	9	*Includes direct biogenic carbon emissions (9 metric tons CO2).*

[Fixed row]

(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Select from:

☑ Yes

(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)

8316171

(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)

76002.607

(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)

4863.723

(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)

6712.237

(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:

☑ PFCs

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

0

(7.15.1.3) GWP Reference

Select from:

☑ IPCC Fourth Assessment Report (AR4 - 100 year)

Row 6

(7.15.1.1) Greenhouse gas

Select from:

☑ SF6

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

0

(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)

51

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

10

(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)

7020

(7.15.3.5) Comment

This includes fugitive emissions from refrigerant and bulk CO2 use, as well as heated venting form LNG storage tanks at the Everett LNG plant and SF6 equipment.

Combustion (Electric utilities)

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

8239155

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

153

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

15

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

8247565

(7.15.3.5) Comment

This includes just fossil fuel combustion associated with power generation from our electric generation fleet. Note that we do not operate vertically integrated utilities, so our generation is sold to the market and does not flow directly in our utilities delivery supply.

Combustion (Gas utilities)

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

10727

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

0.20

(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)

10738

(7.15.3.5) Comment

This includes combustion emissions associated with the Everett LNG plant.

Combustion (Other)

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

53304

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

1

(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)

53401

(7.15.3.5) Comment

This captures auxiliary station combustion used for process or building heat and emergency back up.

Emissions not elsewhere classified

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

23661

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

2876

(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)

95763

(7.15.3.5) Comment

This breakdown represents mobile emissions across the corporation.
[Fixed row]

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

	Scope 1 emissions (metric tons CO2e)
Canada	*208513*
United Kingdom of Great Britain and Northern Ireland	*0*
United States of America	*8195237*

[Fixed row]

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply
☑ By business division

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

Row 1

(7.17.1.1) Business division

Constellation Nuclear - our nuclear electric generation fleet producing grid supplied electric.

(7.17.1.2) Scope 1 emissions (metric ton CO2e)

29494

Row 2

(7.17.1.1) Business division

Constellation Power - our power electric generation fleet operating a mixture of natural gas and renewable generation assets producing grid supplied electric. This also includes the Everett LNG Plant.

(7.17.1.2) Scope 1 emissions (metric ton CO2e)

8348932.7

Row 3

(7.17.1.1) Business division

Externally Operated Sites – this includes sites for which Constellation holds an equity share ownership stake per GHG Protocol but does not operate.

(7.17.1.2) Scope 1 emissions (metric ton CO2e)

4385.6

Row 4

(7.17.1.1) Business division

Constellation Corporate & Business Services – This includes our corporate operations that support operations as well as our competitive retail business.

(7.17.1.2) Scope 1 emissions (metric ton CO2e)

20937.2
[Add row]

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

Electric utility activities

(7.19.1) Gross Scope 1 emissions, metric tons CO2e

8378426.7

(7.19.3) Comment

This includes fossil fuel combustion for electric generation and auxiliary process equipment that directly support safe operation of these facilities, as well as refrigerant or bulk CO2 used as part of equipment operations or maintenance. Excluded emissions include Everett LNG facility.
[Fixed row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

8403749.589

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

235746

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

66756

(7.22.4) Please explain

Our consolidated accounting group includes all entities in which we have a controlling financial interest. We proportionately consolidate our undivided ownership interest in jointly owned electric plants. As such, these balances include our share of the emissions from jointly owned electric plants.

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

0

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

0

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

0

(7.22.4) Please explain

Not applicable - everything is captured in consolidated accounting group.
[Fixed row]

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:

☑ No

[Sections 7.26 and 7.27 redacted]

[Sections 7.26 and 7.27 redacted]

(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

(7.28.1) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

Select from:

☑ No

(7.28.3) Primary reason for no plans to develop your capabilities to allocate emissions to your customers

Select from:

☑ Capabilities to allocate emissions to customers already maximized

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:
☑ More than 65% but less than or equal to 70%

(7.30) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	*Select from:* ☑ Yes
Consumption of purchased or acquired electricity	*Select from:* ☑ Yes
Consumption of purchased or acquired heat	*Select from:* ☑ No
Consumption of purchased or acquired steam	*Select from:* ☑ No
Consumption of purchased or acquired cooling	*Select from:* ☑ No
Generation of electricity, heat, steam, or cooling	*Select from:*

	Indicate whether your organization undertook this energy-related activity in the reporting year
	☑ Yes

[Fixed row]

(7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

53

(7.30.1.3) MWh from non-renewable sources

44804825

(7.30.1.4) Total (renewable + non-renewable) MWh

44804878

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

787661

(7.30.1.4) Total (renewable + non-renewable) MWh

787661

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

35797

(7.30.1.4) Total (renewable + non-renewable) MWh

35797

Total energy consumption

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

35850

(7.30.1.3) MWh from non-renewable sources

45592487

(7.30.1.4) Total (renewable + non-renewable) MWh

45627336
[Fixed row]

(7.30.6) Select the applications of your organization’s consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	*Select from:* ☑ Yes
Consumption of fuel for the generation of heat	*Select from:* ☑ Yes
Consumption of fuel for the generation of steam	*Select from:* ☑ No
Consumption of fuel for the generation of cooling	*Select from:* ☑ No
Consumption of fuel for co-generation or tri-generation	*Select from:* ☑ No

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.8) Comment

Not applicable.

Other biomass

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

53

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

53

(7.30.7.8) Comment

Wood and wood residuals.

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.8) Comment

Not applicable.

Coal

(7.30.7.1) Heating value

Select from:

☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.8) Comment

Not applicable.

Oil

(7.30.7.1) Heating value

Select from:

☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

307046

(7.30.7.3) MWh fuel consumed for self-generation of electricity

145402

(7.30.7.4) MWh fuel consumed for self-generation of heat

161644

(7.30.7.8) Comment

Fuel oil no 2, diesel, jet fuel, motor gasoline, and kerosene

Gas

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

44497780

(7.30.7.3) MWh fuel consumed for self-generation of electricity

44300233

(7.30.7.4) MWh fuel consumed for self-generation of heat

197547

(7.30.7.8) Comment

Natural gas and propane

Other non-renewable fuels (e.g. non-renewable hydrogen)

(7.30.7.1) Heating value

Select from:

☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.8) Comment

Not applicable.

Total fuel

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

44804879

(7.30.7.3) MWh fuel consumed for self-generation of electricity

44445635

(7.30.7.4) MWh fuel consumed for self-generation of heat

359244

(7.30.7.8) Comment

All fuel consumed.
[Fixed row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

518

(7.30.16.2) Consumption of self-generated electricity (MWh)

5493

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

6011

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

0

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

787143

(7.30.16.2) Consumption of self-generated electricity (MWh)

617255

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1404398
[Fixed row]

(7.33) Does your electric utility organization have a transmission and distribution business?

Select from:
☑ No

(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

0.000359

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

8470505

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

23568000000

(7.45.5) Scope 2 figure used

Select from:
☑ Market-based

(7.45.6) % change from previous year

11

(7.45.7) Direction of change

Select from:

☑ Decreased

(7.45.8) Reasons for change

Select all that apply

☑ Change in output

☑ Change in revenue

(7.45.9) Please explain

This decrease is due to a combination of factors. Constellation's operating revenue decreased by 5 percent, but our Scope 1 and Scope 2 (market-based) emissions decreased by 16 percent jointly. The decrease to our Scope 1 emissions in 2024 is the result of our natural gas generation assets in Texas being called on less frequently than in prior years, planned and unplanned outages, and the planned retirement of our Mystic natural gas plant in Massachusetts. Our market-based Scope 2 emissions decreased by 82 percent, driven by hourly carbon-free energy matching of our purchased electricity usage with deliverable supply of carbon-free energy from our PJM Interconnection.
[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.

Oil

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

112537

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:

☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

665.90

(7.46.4) Scope 1 emissions intensity (Net generation)

686.20

Gas

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

7512764

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:

☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

357.44

(7.46.4) Scope 1 emissions intensity (Net generation)

367.32

Nuclear

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

0

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:

☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

0

(7.46.4) Scope 1 emissions intensity (Net generation)

0

Hydropower

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

0

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:

☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

0

(7.46.4) Scope 1 emissions intensity (Net generation)

0

Wind

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

0

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

0

(7.46.4) Scope 1 emissions intensity (Net generation)

0

Solar

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

0

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

0

(7.46.4) Scope 1 emissions intensity (Net generation)

0

Other non-renewable

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

155940

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

690.00

(7.46.4) Scope 1 emissions intensity (Net generation)

690.00

Total

(7.46.1) Absolute scope 1 emissions (metric tons CO2e)

7781241

(7.46.2) Emissions intensity based on gross or net electricity generation

Select from:
☑ Net

(7.46.4) Scope 1 emissions intensity (Net generation)

37.26
[Fixed row]

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:

☑ Energy usage

(7.52.2) Metric value

1.94

(7.52.3) Metric numerator

45,622 GWh

(7.52.4) Metric denominator (intensity metric only)

$23,568 million USD

(7.52.5) % change from previous year

6.75

(7.52.6) Direction of change

Select from:

☑ Decreased

(7.52.7) Please explain

Our Energy intensity metric is calculated by dividing our total energy consumption (in GWh) by our total revenue (in USD millions). In 2024, our total energy consumption was 45,622 GWh while our total revenue was $23,568,000,000. Therefore, our Energy Intensity metric was 1.94 GWh per million dollars of revenue in 2024. This was 6.75 percent lower than in 2023, when our total energy consumption was 51,727 GWh and our total revenue was $24,918,000,000.
[Add row]

(7.53) Did you have an emissions target that was active in the reporting year?

Select all that apply

☑ Absolute target

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:

☑ Abs 2

(7.53.1.2) 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

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

01/01/2022

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)
☑ Nitrous oxide (N2O)
☑ Carbon dioxide (CO2)
☑ Perfluorocarbons (PFCs)
☑ Hydrofluorocarbons (HFCs)
☑ Sulphur hexafluoride (SF6)
☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 1
☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

12/31/2020

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

7982774.414

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

351304.997

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

8334079.411

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

(7.53.1.54) End date of target

12/31/2040

(7.53.1.55) Targeted reduction from base year (%)

100

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

0.000

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

8403749.589

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

66755.572

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

8470505.161

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

-1.64

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

Below, we express our three separate climate commitments as one, organization-wide Scope 1 and 2 target, for the purposes of responding to this question on the CDP survey. This is not a change to our existing commitments or a new target. In 2022, we established goals to: (1) Increase our owned electricity generation to 95% carbon-free by 2030 and 100% carbon-free by 2040. This equates to an absolute GHG emissions reduction target of approximately 40% by 2030 and 100% by 2040 for our Scope 1 emissions from power generation. (2) Reduce operations-driven emissions by 100% by 2040. Any emissions that cannot be technologically reduced will be offset. In the interim, we will reduce carbon emissions by 65% by 2030. (3) Reduce methane emissions by 30 percent by 2030 from a 2020 baseline. In prior years, we have disclosed these targets separately in our CDP response, but this led to a misunderstanding of target coverage and degree of ambition by the analysts who scored our CDP response. Taken together, these three climate commitments cover 100% of our Scope 1 and 2 emissions and equate to an absolute reduction target of 100% by 2040 and approximately 42% by 2030 against a 2020 baseline. Our interim 42% reduction by 2030 from a 2020 baseline (40% reduction in power generation emissions, 65% reduction in operations-driven emissions, and 30% reduction in methane emissions) and 100% reduction by 2040 targets will collectively keep us on track to reduce emissions at a rate aligned with a 1.5C world.

(7.53.1.83) Target objective

The objective of this target is to reduce our total Scope 1 and Scope 2 market-based emissions by 42 percent by 2030 on our way toward reduction of 100 percent by 2040.

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

Our climate commitments will require a wide range of decarbonization efforts. We are already well ahead of industry-wide trajectories for limiting global warming to 1.5C Celsius with regard to our power generation, having reduced our fleet's generation carbon intensity in mtCO2/MWh by 49 percent since 2013. Our target of 95 percent carbon-free electricity generation by 2030 translates to another 40 percent in absolute reduction, equivalent to approximately 47 percent intensity reduction from our 2020 generation carbon intensity, and 100 percent absolute and intensity reduction by 2040. Achieving this target will be a challenge given the uncertainty in new technology development, the public policy landscape in the U.S. and future energy mix in the territories we serve, but we have identified the following potential actions to aide in achieving this target: • Maintaining and extending the life of our nuclear fleet and growing our clean electricity fleet through nuclear uprates and acquisitions of clean energy assets. • Retiring uneconomic fossil fuel generation units. • Decarbonizing our natural gas fleet through technology interventions, such as blending natural gas with alternative fuels like clean hydrogen and renewable natural gas or post-combustion carbon capture and storage. • Investing in new and emerging technologies, such as direct air capture and other high quality carbon removal technologies, to address any residual emissions toward our 2040 target. Our operational GHG emissions decreased by 41 percent from our 2020 baseline through equipment upgrades and efficiency gains across our fleet, as well as the procurement of hourly matching carbon-free energy for a significant portion of our operational electricity use. We believe that we can achieve 65 percent reduction in operations-driven emissions by 2030 through continued focus on these efforts, as well as fleet electrification, fuel switching from high global warming potential (GWP) refrigerants with newer, lower GWP refrigerants and replacing fossil fuels with biofuels where feasible, utilizing clean fuels such as purchasing Sustainable Aviation Fuel (SAF) credits for our corporate aircraft fleet to send the market signal for SAF demand, and increasing procurement of hourly matched carbon-free energy. More detailed information on our achievement of our interim methane reduction target and ongoing progress can be found under target ID Oth1 below.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

Row 2

(7.53.1.1) Target reference number

Select from:

☑ Abs 1

(7.53.1.2) 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

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

01/01/2022

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Carbon dioxide (CO2)

☑ Perfluorocarbons (PFCs)

☑ Hydrofluorocarbons (HFCs)

☑ Sulphur hexafluoride (SF6)

☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

12/31/2020

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

7982774.414

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

351304.997

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

8334079.411

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

42

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

4833766.058

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

8403749.589

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

66755.572

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

8470505.161

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

-3.90

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

This target combines our three climate commitments into one, organization-wide Scope 1 and 2 target. The three individual commitments are: (1) We commit that our owned electricity generation will be 95 percent carbon-free by 2030 and 100 percent carbon-free by 2040. This equates to an absolute GHG emissions reduction target of approximately 40 percent by 2030 and 100 percent by 2040 for our Scope 1 emissions from power generation. (2) We plan to reduce operations-driven emissions by 100 percent by 2040. Any emissions that cannot be technologically reduced will be offset. In the interim, we will reduce carbon emissions by 65 percent

by 2030. (3) We also commit to reducing methane emissions by 30 percent by 2030 interim operational target of 65 percent reduction by 2030, from a 2020 baseline. In prior years, we have disclosed these targets separately in our CDP response, but this led to a mischaracterization of target coverage and degree of ambition. Taken together, these three climate commitments cover 100 percent of our Scope 1 and 2 emissions and equate to an absolute reduction target of 100 percent by 2040 and approximately 42 percent by 2030 against a 2020 baseline. Our interim 42 percent reduction by 2030 from a 2020 baseline (40 percent reduction in power generation emissions, 65 percent reduction in operations-driven emissions, and 30 percent reduction in methane emissions) and 100 percent reduction by 2040 targets will collectively keep us on track to reduce emissions at a rate aligned with a 1.5C world.

(7.53.1.83) Target objective

The objective of this target is to reduce our operational GHG emissions by 65 percent by 2030 on our way toward reduction of 100 percent by 2040.

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

Our climate commitments will require a wide range of decarbonization efforts. We are already well ahead of industry-wide trajectories for limiting global warming to 1.5C Celsius with regard to our power generation, having reduced our fleet's generation carbon intensity in mtCO2/MWh by 49 percent since 2013. Our target of 95 percent carbon-free electricity generation by 2030 translates to another 40 percent in absolute reduction, equivalent to approximately 47 percent intensity reduction from our 2020 generation carbon intensity, and 100 percent absolute and intensity reduction by 2040. Achieving this target will be a challenge given the uncertainty in new technology development, the public policy landscape in the U.S. and future energy mix in the territories we serve, but we have identified the following potential actions to aide in achieving this target: • Maintaining and extending the life of our nuclear fleet and growing our clean electricity fleet through nuclear uprates and acquisitions of clean energy assets. • Retiring uneconomic fossil fuel generation units. • Decarbonizing our natural gas fleet through technology interventions, such as blending natural gas with alternative fuels like clean hydrogen and renewable natural gas or post-combustion carbon capture and storage. • Investing in new and emerging technologies, such as direct air capture and other high quality carbon removal technologies, to address any residual emissions toward our 2040 target. Our operational GHG emissions decreased by 41 percent from our 2020 baseline through equipment upgrades and efficiency gains across our fleet, as well as the procurement of hourly matching carbon-free energy for a significant portion of our operational electricity use. We believe that we can achieve 65 percent reduction in operations-driven emissions by 2030 through continued focus on these efforts, as well as fleet electrification, fuel switching from high global warming potential (GWP) refrigerants with newer, lower GWP refrigerants and replacing fossil fuels with biofuels where feasible, utilizing clean fuels such as purchasing Sustainable Aviation Fuel (SAF) credits for our corporate aircraft fleet to send the market signal for SAF demand, and increasing procurement of hourly matched carbon-free energy. More detailed information on our achievement of our interim methane reduction target and ongoing progress can be found under target ID Oth1 below.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

[Add row]

(7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

☑ Targets to reduce methane emissions

(7.54.2) Provide details of any other climate-related targets, including methane reduction targets.

Row 1

(7.54.2.1) Target reference number

Select from:

☑ Oth 1

(7.54.2.2) Date target was set

01/01/2022

(7.54.2.3) Target coverage

Select from:

☑ Business activity

(7.54.2.4) Target type: absolute or intensity

Select from:

☑ Absolute

(7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Methane reduction target

☑ Total methane emissions in CO2e

(7.54.2.7) End date of base year

12/31/2020

(7.54.2.8) Figure or percentage in base year

177386

(7.54.2.9) End date of target

12/31/2030

(7.54.2.10) Figure or percentage at end of date of target

123707

(7.54.2.11) Figure or percentage in reporting year

104658

(7.54.2.12) % of target achieved relative to base year

135.4868756870

(7.54.2.13) Target status in reporting year

Select from:
☑ Achieved

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

Yes – this target is to reduce Scope 1 methane emissions from natural gas storage at Everett Marine Terminal.

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

Select all that apply
☑ Other, please specify :Global Methane Pledge

(7.54.2.18) Please explain target coverage and identify any exclusions

This target covers Constellation's methane emissions from natural gas storage at Everett Marine Terminal.

(7.54.2.19) Target objective

The objective of this target is to reduce our methane emissions at Everett Marine Terminal by 30 percent by 2030.

(7.54.2.21) List the actions which contributed most to achieving this target

In 2024, our Everett Marine Terminal (EMT) team worked to significantly reduce methane emissions. By focusing on operational improvements, making technical adjustments to equipment, collaborating with experts and continuously monitoring and addressing contributing factors, we have made significant progress toward achieving our methane reduction goal. This progress along with the current operating profile has allowed us to realize a 41 percent reduction in methane emissions compared to the 2020 baseline. To further reduce emissions and ensure reductions can be reliably achieved, EMT is currently seeking approval to install an additional natural gas compressor. This compressor will increase the Terminal's ability to capture boiloff from the liquefied natural gas (LNG) storage tanks. As a result of the team's efforts and the pending compressor project, we are on a path—and ahead of schedule—to achieve and exceed our goal of reducing methane emissions by 30 percent from a 2020 baseline by 2030.

Row 2

(7.54.2.1) Target reference number

Select from:
☑ Oth 2

(7.54.2.2) Date target was set

01/01/2022

(7.54.2.3) Target coverage

Select from:
☑ Organization-wide

(7.54.2.4) Target type: absolute or intensity

Select from:
☑ Intensity

(7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Engagement with customers

☑ Percentage of customers (by emissions) actively engaged on climate-related issues

(7.54.2.6) Target denominator (intensity targets only)

Select from:

☑ Other, please specify :Total commercial and industrial (C&I) customers

(7.54.2.7) End date of base year

12/31/2020

(7.54.2.8) Figure or percentage in base year

0.0

(7.54.2.9) End date of target

12/31/2022

(7.54.2.10) Figure or percentage at end of date of target

100

(7.54.2.11) Figure or percentage in reporting year

100

(7.54.2.12) % of target achieved relative to base year

100.0000000000

(7.54.2.13) Target status in reporting year

Select from:

☑ Achieved and maintained

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

No

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

Select all that apply

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

(7.54.2.18) Please explain target coverage and identify any exclusions

This target is to provide 100 percent of our C&I customers with GHG emissions reporting for their Scope 1 and 2 emissions associated with their natural gas and electricity purchases from Constellation. Also, we entered 0 in the "Figure or Percentage in base year" field to satisfy the requirements of CDP's online disclosure system. We did engage customers on climate-related issues in 2020 but we do not have data on the percentage engaged. Hence why we entered 0 in that field.

(7.54.2.19) Target objective

No

(7.54.2.21) List the actions which contributed most to achieving this target

Constellation provided 100 percent of C&I customers receiving annual GHG emissions reports for their Scope 1 and 2 emissions associated with their natural gas and electricity purchases from Constellation beginning in 2023.
[Add row]

(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Select from:

☑ Yes

(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	Total estimated annual CO2e savings in metric tonnes CO2e
Under investigation	*9*	*`Numeric input*
To be implemented	*2*	*154744*
Implementation commenced	*0*	*`Numeric input*
Implemented	*6*	*26528369*
Not to be implemented	*0*	*`Numeric input*

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Transportation

☑ Other, please specify :Renewable Portfolio Standard (RPS) Obligations

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

15391567

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

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

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Mandatory

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:

☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ 1-2 years

(7.55.2.9) Comment

Constellation purchases Renewable Energy Certificates (RECs) to comply with state Renewable Portfolio Standards (RPS) applicable to retail sales made to customers in that state. While they vary from state to state, RPS requirements generally mandate the purchase of environmental attributes associated with renewable, carbon-free or low-carbon power generation. In the 2024 reporting year, Constellation purchased approximately 23 million RECs to satisfy state-specific portfolio standards. Emissions reductions are Scope 3 and can be attributed to cleaner energy being used (or supported) by our customers. Estimated annual CO2e savings relate to the avoided emissions associated with these MWhs according to the U.S. EPA GHG Equivalencies calculator. These RECs are associated with the year they are retired, although they help to promote new renewable, carbon-free and low-carbon power generation which can become a permanent emission reduction. There is no investment by Constellation as the RECs are typically purchased from other entities. Payback is considered immediate because this is part of a compliance program. This is counted as 1 initiative implemented each year under Question # 7.55.1.

Row 2

(7.55.2.1) Initiative category & Initiative type

Transportation

☑ Other, please specify :Retail Customer Energy Efficiency Services (variety)

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

208240

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

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

☑ Scope 3 category 11: Use of sold products

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

32330746

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:

☑ 4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ 6-10 years

(7.55.2.9) Comment

Constellation Energy Solutions and Constellation Home organizations work with customers to develop cost effective energy efficiency projects that help to drive down their electricity and natural gas use. These projects are voluntary and result in reductions of our Scope 3 emissions (Scope 1 and 2 emissions of our customers) that last for the life of the more efficient equipment or home improvements (which varies based on the project). These GHG abatement activities are based on Constellation Efficiency-Made-Easy program and their Performance-Based Projects which combined are estimated to have saved over 230,000 MWh of electricity and more than 820 thousand mmBtu of natural gas in 2024. Emissions avoided are based on regional emission factors. Annual monetary savings would be that of our customers and was based on an average cost of electricity of 0.116/kwh and an average cost of natural gas of 6.45/mmBtu. Investment would also be that of our customers and does not apply to Constellation. Payback is representative of a typical threshold; the actual payback period would vary based on project type.

Row 3

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

☑ Nuclear

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

242951

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☑ Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

`Numeric input

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

`Numeric input

(7.55.2.7) Payback period

Select from:

☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ Ongoing

(7.55.2.9) Comment

Our market-based Scope 2 emissions decreased by 82 percent, driven by hourly carbon-free energy matching of our purchased electricity usage with deliverable supply of carbon-free energy from our PJM Interconnection nuclear fleet at four of our nuclear plants in Illinois - LaSalle, Quad Cities, Byron, and Braidwood. As we plan to continue hourly matching by retiring EFECs from our sites, the estimated lifetime of the initiative is ongoing.

Row 4

(7.55.2.1) Initiative category & Initiative type

Non-energy industrial process emissions reductions

☑ Other, please specify :Operational and technical equipment adjustments

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

235553

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☑ Scope 1

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:

☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ Ongoing

(7.55.2.9) Comment

In 2024, our Everett Marine Terminal (EMT) team worked to significantly reduce methane emissions. By focusing on operational improvements, making technical adjustments to equipment, collaborating with experts and continuously monitoring and addressing contributing factors, we have made significant progress toward achieving our methane reduction goal. The estimated CO2e savings are calculated as a year-over-year reduction relative to the previous year. As these are operational changes, the estimated duration of this initiative is ongoing with no endpoint.

Row 5

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy generation
☑ Nuclear

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

5355805

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 3 category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:
☑ 4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ 6-10 years

(7.55.2.9) Comment

In the 2024 reporting year, Constellation's commercial business facilitated the origination of nuclear PPAs that will yield approximately 7,969,948 MWh of generation each year. These projects are voluntary and result in reductions of our Scope 3 emissions (Scope 2 emissions of our customers) that last for the life of the equipment. Investment would also be that of our customers and does not apply to Constellation. Estimated annual CO2e savings relate to the avoided emissions associated with these MWhs according to the U.S. EPA GHG Equivalencies calculator.

Row 6

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy generation

☑ Other, please specify :All wind, solar, and hydropower clean energy sales

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

5094253

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

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

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:
☑ 4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 6-10 years

(7.55.2.9) Comment

In the 2024 reporting year, Constellation's commercial business facilitated the origination of wind, solar, and hydropower PPAs that will yield approximately 7,580,734 MWh of new generation each year. These projects are voluntary and result in reductions of our Scope 3 emissions (Scope 2 emissions of our customers) that last for the life of the equipment. Investment would also be that of our customers and does not apply to Constellation. Estimated annual CO2e savings relate to the avoided emissions associated with these MWhs according to the U.S. EPA GHG Equivalencies calculator.
[Add row]

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

Row 1

(7.55.3.1) Method

Select from:
☑ Other :Internal GHG Program Targets

(7.55.3.2) Comment

In 2022, Constellation committed that our owned electricity generation will be 95 percent carbon-free by 2030 and 100 percent carbon-free by 2040. Constellation also committed to reducing operations-driven emissions by 100 percent by 2040, with an interim target of 65 percent by 2030, and to reducing methane emissions by 30 percent by 2030. Constellation is currently developing a roadmap for achieving these climate goals which will put us on a path to reduce our Scope 1 and 2 emissions by 2030 and beyond. will include implementation plans, a governance structure, and KPIs to track progress on an annual basis.

Row 2

(7.55.3.1) Method

Select from:

☑ Dedicated budget for low-carbon product R&D

(7.55.3.2) Comment

Constellation has a dedicated budget for low-carbon product R&D. We continually evaluate growth opportunities aligned with our businesses, assets, and markets leveraging our expertise in those areas and offering durable returns. We may pursue growth opportunities that optimize our core business or expand upon our strengths, including, but not limited to the following: • Opportunistic carbon-free energy acquisitions • Create new value from the existing fleet through repowering, co-location and other opportunities, • Grow sustainability products and services for our customers focused on clean energy, efficiency, storage and electrification; help our C&I customers develop and meet sustainability targets, • Produce clean hydrogen using our carbon-free fleet, • Engagement with the technology and innovation ecosystem through continued partnerships with national labs, universities, startups, and research institutions, and • Explore advanced nuclear technology for investment and participation via advisory services to maintain our leadership position as stewards of a carbon-free energy future.

Row 3

(7.55.3.1) Method

Select from:

☑ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

Constellation ensures compliance with all regulatory requirements and standards, such as Renewable Portfolio Standards (RPS) in the markets where we deliver power to customers.

Row 4

(7.55.3.1) Method

Select from:

☑ Partnering with governments on technology development

(7.55.3.2) Comment

Constellation collaborates with customers, suppliers, universities, governments, national labs and startups to support innovations that will accelerate the energy transition. This includes seeking federal and state government grants to demonstrate and deploy clean energy technologies.

Row 5

(7.55.3.1) Method

Select from:

☑ Other :Community Engagement

(7.55.3.2) Comment

Constellation's positive impacts go beyond providing clean, carbon-free energy to our customers. We create good-paying, family-sustaining careers that contribute to the economic development of the communities where we live and work, in addition to the taxes we pay to local governments to fund schools, fire, police and other public services. We also actively invest in community development through philanthropic giving and employee volunteerism. We are committed to building a future in which our employees, customers, business partners and communities benefit equitably from social, environmental and economic progress. Our corporate citizenship and philanthropy program is built upon three pillars: (1) Climate & Environment: Providing support for environmental conservation and stewardship; (2) Education & Workforce Development: Investing in education, STEM and workforce development; (3) Employee Philanthropy & Volunteerism: Demonstrating leadership and passion for causes close to our hearts

Row 6

(7.55.3.1) Method

Select from:

☑ Internal finance mechanisms

(7.55.3.2) Comment

At times, Constellation assigns a technology-specific cost of capital to different assets. This technology-specific cost of capital incorporates the potential cost associated with varying factors – which can include varying environmental regulations and policies – and incorporates specific risk premium into the required equity return and the appropriate capital structure.

Row 7

(7.55.3.1) Method

Select from:

☑ Financial optimization calculations

(7.55.3.2) Comment

Constellation typically evaluates all capital investment decisions on the basis of traditional financial metrics - such as net present value (NPV), internal rate of return (IRR), and payback periods - in a variety of pricing and operational environments (or cases).
[Add row]

(7.58) Describe your organization's efforts to reduce methane emissions from your activities.

In 2024, our Everett Marine Terminal (EMT) team worked to significantly reduce methane emissions. By focusing on operational improvements, making technical adjustments to equipment, collaborating with experts and continuously monitoring and addressing contributing factors, we have made significant progress toward achieving our methane reduction goal. This progress along with the current operating profile has allowed us to realize a 41 percent reduction in methane emissions compared to the 2020 baseline. To further reduce emissions and ensure reductions can be reliably achieved, EMT is currently seeking approval to install an additional natural gas compressor. This compressor will increase the Terminal's ability to capture boiloff from the liquefied natural gas (LNG) storage tanks. As a result of the team's efforts and the pending compressor project, we are on a path—and ahead of schedule—to achieve and exceed our goal of reducing methane emissions by 30 percent from a 2020 baseline by 2030.

(7.73) Are you providing product level data for your organization's goods or services?

Select from:

☑ No, I am not providing data

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

☑ Yes

(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 :WRI GHG accounting methodology and with avoided emissions being calculated at grid residual emissions rate

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

Power

☑ Large-scale light-water nuclear reactor

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

We are the nation's largest producer of clean, carbon-free energy, producing around 10 percent of the carbon-free energy in the U.S. Our generation fleet, which includes nuclear, hydroelectric, wind, solar and natural gas facilities, generates enough energy to power 15 million homes and has an annual output that is 90 percent carbon-free. We sell this generation to wholesale and retail customers, helping to keep grid emissions rate as low as possible. We own and operate 21 nuclear reactors in the U.S. and have an ownership interest in four additional reactors with a combined capacity of over 22 GW. As a clean, carbon-free and highly reliable power source, nuclear is an essential part of the solution to combat climate change. Our nuclear fleet alone avoided approximately 122 million metric tons of CO2 in 2024. Nuclear energy emits no GHGs or criteria air pollutants, such as nitrogen oxides (NOx), sulfur dioxide (SO2) or particulate matter (PM). Our nuclear fleet is the nation's largest and produces reliable baseload generation, staying online approximately 95 percent of the time, on average. With 24/7 generation capacity, our nuclear plants also support the expansion of renewables by stabilizing the grid for the intermittent nature of wind and solar power. We entered 0 in the "Revenue generated…" field to satisfy CDP's disclosure requirement as this metric is not available.

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

Select from:

☑ Yes

(7.74.1.6) Methodology used to calculate avoided emissions

Select from:

☑ Other, please specify :U.S. EPA Greenhouse Gas Emissions Equivalency Calculator

(7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Select from:

☑ Use stage

(7.74.1.8) Functional unit used

Quantity of carbon-free electricity generated per year by our generation fleet (187,978,012 MWh).

(7.74.1.9) Reference product/service or baseline scenario used

CO2e emissions from fossil fuel electricity generation that would have occurred but for the quantity of owned nuclear and renewable energy generation during the reporting year.

(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario

Select from:

☑ Use stage

(7.74.1.11) Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

126321224

(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions

Per the GHG Protocol equity share ownership boundary, 187,978,012 MWh of owned electricity was generated from clean, non-emitting sources (nuclear and renewables) in the reporting year. This quantity was entered into U.S. EPA's GHG Equivalencies calculator (found by searching online for the "EPA Greenhouse Gas Equivalencies Calculator") under "Kilowatt-hours avoided", yielding 126,321,224 metric tons of CO2e avoided. The U.S. EPA's GHG Equivalencies calculator uses a national average emission factor in this calculation.

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

0

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 :WRI GHG accounting methodology

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

Power

☑ Other, please specify :sustainable commercial products and services

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

Our commercial platform provides tools to empower customers to measure their carbon footprint, increase access to clean, carbon-free power, and improve energy efficiency and reduce emissions. Some of our innovative sustainable products and services include: •Constellation Offsite Renewables (CORe) offers customers access to existing offsite renewable projects through retail power contracts, and our CORe product offers access to new-build renewable energy projects and renewable energy certificates (RECs) through a physically-delivered retail electric supply agreement. • Hourly Carbon-Free Energy Matching provides customers with a transparent, independently verified view of their sustainability efforts, with hourly matching and reporting of carbon-free electricity supply and consumption. We partnered with Microsoft to develop an hourly-matching technology solution that enables us to match customers' power needs with regional carbon-free energy sources, 24/7/365. • Energy Attribute Certificates allow customers to match their purchased electricity with Emission-Free Energy Certificates, which represent the

emission-free attributes of carbon-free generating sources, primarily nuclear, as well as RECs. • Constellation Energy Solutions support commercial customers by designing a customized plan to help them achieve their operational and sustainability goals. We entered 0 in the "Revenue generated…" field to satisfy CDP's disclosure requirement as this metric is not available.

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

Select from:

☑ No

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

0

[Add row]

(7.79) Has your organization retired any project-based carbon credits within the reporting year?

Select from:

☑ No

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:
☑ Yes

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:
☑ Specific groups, businesses, or organizations

(9.1.1.2) Description of exclusion

Offices and renewable facilities

(9.1.1.3) Reason for exclusion

Select from:
☑ Small volume [rainwater]

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:
☑ 1-5%

(9.1.1.8) Please explain

We only report water data from our nuclear, fossil, and hydroelectric generations facilities. Water data does not include our offices or our renewable fleet - wind and solar - as water use at those facilities is negligible. While the exact amount of water-related data excluded is not known, we estimate it is less than 5 percent.
[Add row]

(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:
☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we measure or estimate all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications for both quantitative and qualitative aspects of water use (e.g. sensors or meters type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:
☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we estimate measure or all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications for both quantitative and qualitative aspects of water use (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :measurement frequency is based on regulatory requirements (e.g., NPDES permits) and varies by site

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we monitor water quality of withdrawals as necessary to meet the performance requirements of our systems in accordance with permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensors or meters type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

The 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear and fossil fuel-fired and hydroelectric power plants, we measure or estimate all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications of our systems (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we measure or estimate all water inflows and outflows by source (included dedicated cooling ponds) by source and destination water bodies in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we monitor discharges by treatment and/or use methods in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing) and analysis.

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

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:

☑ Monthly

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we monitor and report standard effluent parameters including chemical constituents and temperature in accordance with our various operating permits and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis) defined by engineering department of individual operating companies or sites.

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least monthly but may vary at some sites due to state and/or station specific NPDES permit requirements. Not all pollutants are required to be monitored daily/monthly/etc. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

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

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :see the “Method of measurement” cell for details

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we monitor and report standard effluent parameters including chemical constituents and temperature in accordance with our various operating permits and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis) defined by engineering department of individual operating companies or sites.

(9.2.4) Please explain

In our fossil power stations, testing for nitrates, phosphates, pesticides and priority pollutants are tested in the application of a NPDES permit. If any of the parameters come back higher than expected or higher than a regulated limit, the permit may require more frequent testing of that parameter. The priority pollutants are usually tested once per year in some permits. Other permits only require this to be tested on the renewal application. Also note that the 100 percent cited here is with the exception of water recycled/reused and WASH services at our fossil fuel-fired power plants.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric power plants, we monitor and report standard effluent parameters including chemical constituents and temperature in accordance with our various operating permits and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis) defined by engineering department of individual operating companies or sites.

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

At our nuclear, fossil fuel-fired and hydroelectric plants, we calculate or estimate and report total water consumption (withdrawal minus discharge) for all of our water use in accordance with permit, regulatory, and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, pump run times and pump curves, calibration frequency, testing and analysis).

(9.2.4) Please explain

Frequency of measurement at our power plants for this parameter is at least daily, and in many cases is continuous.

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

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

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

[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

We fulfill downstream environmental flow commitments in accordance with company policy and/or permit requirements that establish minimum flow requirements and, monitoring frequency and methodology specifications (e.g. sensor or meter type, calibration frequency, testing).

Sediment loading

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

Select from:

☑ 100%

(9.2.1.2) Please explain

We monitor and report standard effluent parameters including sediment parameters in accordance with company policy and/or our various operating permits and methodology specifications (e.g. sensor or meter type, calibration frequency, testing) defined by engineering department of individual operating companies or sites.

Other, please specify

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

Select from:

☑ Not relevant

(9.2.1.2) Please explain

N/A
[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)

49137199

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:
☑ Maximum potential volume reduction already achieved

(9.2.2.4) Five-year forecast

Select from:
☑ Unknown

(9.2.2.5) Primary reason for forecast

Select from:
☑ Other, please specify :Please see the “Please explain” field for details.

(9.2.2.6) Please explain

We selected “Unknown” in the “Five-year forecast” field because water withdrawals increase/decrease in response to business activities and ambient weather conditions. Our Nuclear and fossil fuel-fired power plants minimize water use through recycling (e.g., Cooling towers, air cooled condensers, cooling ponds, and tempering gates, and reducing pump flows).

Total discharges

(9.2.2.1) Volume (megaliters/year)

48336442

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ About the same

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.2.4) Five-year forecast

Select from:

☑ Unknown

(9.2.2.5) Primary reason for forecast

Select from:

☑ Other, please specify :Please see the “Please explain” field for details.

(9.2.2.6) Please explain

We selected “Unknown” in the “Five-year forecast” field because water withdrawals increase/decrease in response to business activities and ambient weather conditions. Our Nuclear and fossil fuel-fired power plants minimize water use through recycling (e.g., Cooling towers, air cooled condensers, cooling ponds, and tempering gates, and reducing pump flows).

Total consumption

(9.2.2.1) Volume (megaliters/year)

800757

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ About the same

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.2.4) Five-year forecast

Select from:

☑ Unknown

(9.2.2.5) Primary reason for forecast

Select from:

☑ Other, please specify :Please see the “Please explain” field for details.

(9.2.2.6) Please explain

Water consumption values are directly related to increases and decreases in water withdrawal and discharge as it’s the difference between those volumes. There was not a significant change in water consumption compared to the prior year.
[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:

☑ No

(9.2.4.8) Identification tool

Select all that apply

☑ WRI Aqueduct

(9.2.4.9) Please explain

We utilize the World Resources Institute Aqueduct tool to broaden our understanding of potential future water scarcity risks caused by climate change and economic growth and how our operations may be impacted or may pose impacts in these scenarios. Constellation's largest water-consuming sites are in low-medium-risk regions, while our operations in high-water-risk areas use negligible amounts of water and do not face water scarcity risks. Although Constellation does not have significant water consuming operations in high-risk areas, our facilities maintain drought contingency management plans documenting how facilities will manage water needs in the case of drought emergencies, where appropriate.
[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)

43858869

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:
☑ Maximum potential volume reduction already achieved

(9.2.7.5) Please explain

Freshwater withdrawal did not change significantly in comparison with the previous reporting year.

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

4657048

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.7.5) Please explain

Brackish surface water/seawater withdrawal did not change significantly in comparison with the previous reporting year.

Groundwater – renewable

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

559064

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:
☑ Unknown

(9.2.7.5) Please explain

Groundwater withdrawal was higher in comparison with the previous reporting year due to fluctuations in energy production.

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:
☑ Not relevant

(9.2.7.5) Please explain

n/a

Produced/Entrained water

(9.2.7.1) Relevance

Select from:
☑ Not relevant

(9.2.7.5) Please explain

n/a

Third party sources

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

2730

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.7.5) Please explain

Third party water withdrawal did not change significantly in comparison with the previous reporting year.
[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)

43620838

(9.2.8.3) Comparison with previous reporting year

Select from:

☑ About the same

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.8.5) Please explain

Freshwater discharge did not change significantly in comparison with the previous reporting year.

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:
☑ Relevant

(9.2.8.2) Volume (megaliters/year)

4657072

(9.2.8.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:
☑ Maximum potential volume reduction already achieved

(9.2.8.5) Please explain

Brackish surface water/seawater discharge did not change significantly in comparison with the previous reporting year.

Groundwater

(9.2.8.1) Relevance

Select from:
☑ Not relevant

(9.2.8.5) Please explain

n/a

Third-party destinations

(9.2.8.1) Relevance

Select from:
☑ Relevant

(9.2.8.2) Volume (megaliters/year)

15.75

(9.2.8.3) Comparison with previous reporting year

Select from:
☑ Much lower

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:
☑ Unknown

(9.2.8.5) Please explain

Third-party water discharge decreased in comparison with the previous reporting year.
[Fixed row]

(9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

Tertiary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:
☑ Relevant

(9.2.9.2) Volume (megaliters/year)

51.37

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Much lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Unknown

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 1-10

(9.2.9.6) Please explain

Tertiary treatment is utilized at our Byron, Dresden and Three Mile Island facilities, primarily in the form of UV disinfection for groundwater use for non-cooling activities and WASH requirements at the facilities. Treatment is conducted in accordance with applicable permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing) defined by the engineering department of individual operating.

Secondary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

40.69

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Much higher

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Change in accounting methodology

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 1-10

(9.2.9.6) Please explain

The volumes reported at this level are relatively low compared to water volumes otherwise treated

Primary treatment only

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

1956907.51

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ About the same

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 21-30

(9.2.9.6) Please explain

Primary treatment is utilized at our Braidwood, Byron, Clinton, Dresden, LaSalle, Limerick, Nine Mile Point, and Medway facilities primarily via settling of solids that occurs in recirculating cooling systems or the use of oil/water separator equipment. Treatment is conducted in accordance with applicable permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing). Some of our facilities have a portion of their discharges chlorinated and dechlorinated prior to discharge for condenser and service water systems and clamicide treatment for the inhibition of mussel growth.

Discharge to the natural environment without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

44757531.67

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ About the same

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Maximum potential volume reduction already achieved

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 51-60

(9.2.9.6) Please explain

Some of our facilities including but not limited to Fitzpatrick, Ginna, Nine Mile Point, Peach Bottom, Quad Cities, Colorado Bend II and Wolf Hollow II have a portion of their water discharges returned to the environment without treatment based upon determinations made by the federal, state and/or local authorities as part of their discharge permit review and authorization. Some of our facilities have a portion of their discharges chlorinated and dechlorinated prior to discharge for condenser and service water systems and clamicide treatment for the inhibition of mussel growth.

Discharge to a third party without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

760.45

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Much higher

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Unknown

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 21-30

(9.2.9.6) Please explain

Some of our facilities including but not limited to Braidwood, Quad Cities, Braidwood, Ginna, Limerick, Eddystone, Handley, Medway and Perryman have a portion of their discharges sent to a third party or publicly owned treatment works (POTW), primarily for sanitary sewage. In the case of our Handley facility, only volumes from WASH services are discharged to publicly owned treatment works, with that facility's cooling water discharged to the source water body following a NPDES permit. Discharges are conducted in accordance with applicable permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing) defined by the engineering department of individual operating companies or sites

Other

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

51.44

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Much higher

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Unknown

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:
☑ 21-30

(9.2.9.6) Please explain

The volumes reported at this level are relatively low compared to water volumes otherwise treated
[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?

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:
☑ No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years

(9.3.4) Please explain

Every station communicates weekly about any risks associated with power production tasks, including water supply availability to Fleet Operations.

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:
☑ No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, and are not planning to do so in the next 2 years

(9.3.4) Please explain

Each facility assesses its own 'upstream value chain.' The plants maintain the necessary water supply through contracts with water districts and municipal agreements. We also ensure availability through dockets and regulatory permits.
[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

Select from:
☑ This is confidential

(9.5) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue (currency)	Total water withdrawal efficiency	Anticipated forward trend
	24440000000	*497.38*	*unknown*

[Fixed row]

(9.7) Do you calculate water intensity for your electricity generation activities?

Select from:
☑ Yes

(9.7.1) Provide the following intensity information associated with your electricity generation activities.

Row 1

(9.7.1.1) Water intensity value (m3/denominator)

3.99

(9.7.1.2) Numerator: water aspect

Select from:

☑ Total water consumption

(9.7.1.3) Denominator

Select from:

☑ Other, please specify :GWh

(9.7.1.4) Comparison with previous reporting year

Select from:

☑ About the same

(9.7.1.5) Please explain

This intensity metric was about the same compared to 2023 as our water consumption volumes and net generation MWh did not change significantly in 2024 compared to the previous year.
[Add row]

(9.12) Provide any available water intensity values for your organization’s products or services.

Row 1

(9.12.1) Product name

Thermoelectric Power Generation

(9.12.2) Water intensity value

3.96

(9.12.3) Numerator: Water aspect

Select from:

☑ Water consumed

(9.12.4) Denominator

MWh

(9.12.5) Comment

While our facilities draw upon water resources for their operation, greater than 98 percent of water withdrawn from fresh, brackish or sea water is returned to the source. Comparing the intensity for total water consumption provides a means for us to fully evaluate the impact of our business on shared water resources. We utilize this metric to evaluate opportunities for changes in business practices such as reuse or reduction techniques to further strengthen our role as an environmental steward.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances	Comment
	Select from: ☑ No	*Constellation does not manufacture or distribute tangible products that might contain substances classified as hazardous.*

[Fixed row]

(9.14) Do you classify any of your current products and/or services as low water impact?

(9.14.1) Products and/or services classified as low water impact

Select from:
☑ Yes

(9.14.2) Definition used to classify low water impact

We provide customers with water conservation products and services.

(9.14.4) Please explain

Our energy services business provides water conservation products and services such as installing ultra-low flow toilets and low flow showerheads as well as leak detection systems to Public Sector, Commercial and Industrial customers. Our Constellation Home business provides residential customers with low water impact products through various plumbing service and repair offerings.
[Fixed row]

(9.15) Do you have any water-related targets?

Select from:

☑ No, and we do not plan to within the next two years

(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

We currently do not have any specific water-related targets in place because water use is a direct function of the amount of power produced. However, in our Water Resource Management Policy, we commit to establishing annual and long-term water management goals and working to improve water efficiency and reduce consumptive use across our operations. As such, we are working to identify and prioritize the areas of water stewardship most important to our stakeholders and hope to be able to provide more information on this commitment in future years.
[Fixed 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: ☑ Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

☑ Climate change

(13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Climate change

☑ Fuel consumption

☑ Methane emissions

☑ Base year emissions

☑ Electricity/Steam/Heat/Cooling generation

☑ Renewable Electricity/Steam/Heat/Cooling generation

☑ Year on year change in absolute emissions (Scope 3)

☑ Emissions breakdown by country/area

☑ Emissions breakdown by business division

☑ Year on year change in absolute emissions (Scope 1 and 2)

☑ Other data point in module 7, please specify **:The assurance statement attached here covers the Scope 1, 2 and 3 emissions data reported in response to questions 7.6, 7.7, and 7.8 of this survey.**

(13.1.1.3) Verification/assurance standard

Climate change-related standards

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

LRQA was commissioned by Constellation to provide independent assurance of its greenhouse gas (GHG) emissions inventory and air emissions intensities ("the Report") for the calendar year 2024 (CY 2024) against the assurance criteria below to a reasonable level of assurance and materiality of 5 percent using LRQA's verification procedure and ISO 14064 - Part 3 for greenhouse gas emissions. LRQA's verification procedure is based on current best practice and is in accordance with ISAE 3000 and ISAE 3410.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

2024-GHG-Emissions-Inventory-Assurance-Statement.pdf

Row 2

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

☑ Water

(13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Water security

☑ Other data point in module 9, please specify :See the "Further details..." field for details

(13.1.1.3) Verification/assurance standard

Water-related standards

☑ Other water verification standard, please specify :See the "Further details..." field for details

(13.1.1.4) Further details of the third-party verification/assurance process

The U.S. Clean Water Act's National Pollutant Discharge Elimination System (NPDES) Program regulates point sources that discharge pollutants into waters of the United States. Compliance monitoring under the NPDES Program encompasses a range of techniques, from Discharge Monitoring Report reviews, to on-site compliance evaluation as well as providing assistance to enhance compliance with NPDES permits. The objective is to address the most significant problems and to promote compliance among the regulated community. The NPDES Compliance Inspection Manual provides information on how compliance inspections are conducted. Form EIA-923 collects information on the operation of electric power plants and combined heat and power (CHP) plants in the United States. Data collected on this form includes electric power generation operational cooling water data. These data are used to monitor the status and trends of the electric power industry and appear in U.S. Energy Information Administration (EIA) publications and public databases.
[Add row]

(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

(13.2.1) Additional information

Please refer to the Clean Energy section of our 2025 Sustainability Report for additional information on our climate and clean energy strategy, and to the Environment section for information on our water stewardship and biodiversity protection initiatives. The report can be downloaded from www.constellationenergy.com/csr

(13.2.2) Attachment (optional)

Constellation-2025-CSR_Appendix_Combined.pdf
[Fixed row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Vice President, Climate and Sustainability Strategy

(13.3.2) Corresponding job category

Select from:
☑ Chief Sustainability Officer (CSO)
[Fixed row]

(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Select from:
☑ No