Constellation Energy Corporation

2024 CDP Corporate Questionnaire 2024

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.
Terms of disclosure for corporate questionnaire 2024 - CDP

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09/30/2024, 05:05 pm

Contents

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 the nation's largest producer of clean, carbon-free energy and a leading supplier of energy products and services, including sustainable energy solutions. Our carbon-free generation fleet of nuclear, hydroelectric, wind and solar generation facilities generated approximately 178 terawatt hours (TWh) of clean, carbon-free energy in 2023, powering the equivalent of 16 million homes and providing around 10 percent of all clean power generated in the United States (U.S.), while avoiding almost 125 million metric tons of carbon emissions. We also operate natural gas plants and other assets that provide a mix of baseload, intermediate and peak power generation. Our family of retail businesses serves approximately two million residential, public sector and business customers, including 75 percent of the Fortune 100. We offer innovative clean energy solutions, such as hourly carbon-free energy matching and Constellation Offsite Renewables (CORe), to help customers reach their own climate goals. We are also working to advance new technologies, including behind-the-meter (BTM) energy solutions, at our clean energy centers to help decarbonize hard-to-abate industries. *As used in this report, the terms "clean" or "carbon-free energy" refer to electricity that is generated by facilities that do not directly emit greenhouse gases (GHGs), such as carbon dioxide, 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

12/31/2023

(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?

24918000000

(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% to 50% 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 visit https://www.constellationenergy.com/our-company/locations/location-sites.html
[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

☑ Gas storage, transmission and distribution

(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)

267

(1.16.1.4) Net electricity generation (GWh)

245

(1.16.1.5) Comment

Includes only units fully oil fired. Equity share ownership capacity as of December 31, 2023. 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)

6025

(1.16.1.3) Gross electricity generation (GWh)

23281

(1.16.1.4) Net electricity generation (GWh)

22558

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2023.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)

22070

(1.16.1.3) Gross electricity generation (GWh)

174119

(1.16.1.4) Net electricity generation (GWh)

174047

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2023.

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 2023, 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 recently 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)

1829

(1.16.1.4) Net electricity generation (GWh)

1829

(1.16.1.5) Comment

This includes generation associated with Conowingo Hydroelectric plant. Per directions 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)

1884

(1.16.1.4) Net electricity generation (GWh)

1847

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2023.

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)

576

(1.16.1.4) Net electricity generation (GWh)

570

(1.16.1.5) Comment

Equity share ownership capacity as of December 31, 2023.

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)

1357

(1.16.1.3) Gross electricity generation (GWh)

0

(1.16.1.4) Net electricity generation (GWh)

0

(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, 2023.

Total

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

Select from:
☑ Yes

(1.16.1.2) Nameplate capacity (MW)

33094

(1.16.1.3) Gross electricity generation (GWh)

202131

(1.16.1.4) Net electricity generation (GWh)

200785

(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 hydro pumped storage facility and a 10 MW battery storage facility that it typically includes 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 sub-contractors, but that is only mapped out for a specific subset of Tier 1 suppliers, and is primarily focused on spend with sub-contractors that

are minority owned or disadvantaged 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 fairness 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, technical excellence and business (supplier) diversity. 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, strategic sourcing savings and business (supplier) diversity. We establish aspirational internal goals for the utilization of Tier 1 (prime) and Tier 2 (subcontractor) suppliers and regularly review progress toward these aspirational goals with our Chief Supply Officer, Vice President of Supplier Diversity and other executive leaders. For more information on the sustainability criteria included in supplier assessments, please see the GRI Supply Chain section of our Reporting Frameworks Content Index 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

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ 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

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

☑ Internal company methods

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Drought

☑ Wildfires

☑ Heat waves

☑ Cyclones, hurricanes, typhoons

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

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

Chronic physical

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

☑ Changing temperature (air, freshwater, marine water)

☑ Changing wind patterns

☑ Increased severity of extreme weather events

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

☑ Employees

☑ Local communities

☑ Regulators

(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. Our operations may face climate-related physical risks, such as increasing ambient temperatures, severe weather events and storms, water scarcity and sea level rise. Additionally, our operations may face climate-related transition risks, including changes to energy systems because of new technologies, changing customer expectations, such as voluntary GHG goals, and local, state or federal regulatory requirements intended to reduce GHG emissions. These risks can impact demand for electricity and natural gas, the prices of energy commodities, as well as put our facilities at risk. For more information on our other business risks, please see Item 1A. Risk Factors in our 2023 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 2022, we began a physical climate risk and resiliency assessment of our nuclear generation fleet using climate scenario modeling to understand the medium- and long-term impact of acute and chronic physical climate risk on our operational continuity, which will be completed in 2024. We are beginning a similar physical climate risk and resiliency assessment for our fossil fuel-fired and renewable generation assets in 2024. 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 aligned with our businesses, assets and markets and leverage our expertise in those areas to build long-term value. For more information, please see the Accelerating the Clean Energy Future section of our 2024 Sustainability Report.

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

☑ Storm (including blizzards, dust, and sandstorms)

☑ Heat waves
☑ Toxic spills
☑ Pollution incident
☑ Flood (coastal, fluvial, pluvial, ground water)

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
☑ Increased difficulty in obtaining water withdrawals permit
☑ Statutory water withdrawal limits/changes to water allocation
☑ Mandatory water efficiency, conservation, recycling, or process standards
☑ Introduction of regulatory standards for previously unregulated contaminants

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.

Row 3

(2.2.2.1) Environmental issue

Select all that apply

☑ Biodiversity

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

Select all that apply

☑ 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

☑ Long-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

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Internal company methods

☑ Risk models

International methodologies and standards

☑ Environmental Impact Assessment

☑ ISO 14001 Environmental Management Standard

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ Desk-based research

(2.2.2.13) Risk types and criteria considered

Acute physical

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

☑ Storm (including blizzards, dust, and sandstorms)
☑ Wildfires

Chronic physical
☑ Declining ecosystem services
☑ Increased ecosystem vulnerability
☑ Increased levels of environmental pollutants in freshwater bodies
☑ Other chronic physical driver, please specify :Operations in or adjacent to areas important for biodiversity; wind speed

Policy
☑ Changes to national legislation
☑ Increased difficulty in obtaining operations permits
☑ Poor coordination between regulatory bodies
☑ Other policy, please specify :Protected area designation

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
☑ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply
☑ Local communities
☑ NGOs
☑ Regulators

(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. Across our power-generating footprint, we employ a mitigation hierarchy to avoid, minimize, restore or offset our operational impact on ecosystems. During the development and maintenance of capital projects, we conduct a thorough environmental review to assess potential impacts on birds, bats, and terrestrial species and habitats. When construction or operations may impact certain species and ecosystems, we follow site-specific management plans and obtain all necessary incidental take permits, enabling Constellation to minimize impacts to species when possible or relocate affected species at those sites. We also take action to improve aquatic ecosystems where we operate hydroelectric and nuclear power plants, where appropriate, by investing in habitat improvement projects, constructing oyster and mussel beds, creating artificial reefs, stabilizing banks, managing fish hatcheries, and developing fish passages. To minimize biodiversity impacts at our Conowingo hydroelectric power plant, which is situated along the Susquehanna River, we monitor oxygen levels below the dams for the health and protection of the river's aquatic life. We also observe the minimum flow requirements of our federal license to maintain healthy water levels in the river and allow for recreational activities during the summer months. We have collaborated for over 15 years with the Wildlife Habitat Council (WHC) on various projects to enhance biodiversity and wildlife habitats at our generation sites. We have 14 program certifications, covering approximately 140 projects across almost 34,000 acres that include pollinator gardens, habitat restoration for a variety of species, fish and water management projects, bat and insect houses, special events and more. Through an e-tool and objective oversight, WHC provides comprehensive guidance for environmental education implementation and quality wildlife habitat creation, monitoring and maintenance. Currently, 14 Constellation locations are also certified through the National Wildlife Federation. These certifications demonstrate our commitment to mitigating potential impacts of our operations on habitats and species and incorporating protection measures directly into our operations. We selected "Partial" in the "Coverage" column because we only assess and manage biodiversity-related impacts and risks for our larger generation sites and some other larger operations and office locations, but not for all of our facilities.
[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 :Impact in terms of income loss, reputation, and business objectives

(2.4.7) Application of definition

Risks are identified and assessed on an inherent and residual basis and for the purposes of internal decision making, we measure the impact of risks within each of our risk categories using qualitative and quantitative factors, which range from insignificant to very significant. For the purposes of our Enterprise Risk Management (ERM) process, we determine that a risk has a substantive impact, financial and/or strategic, if the residual risk has a probability of occurrence higher than 25%, and impact on income loss higher than 200M. Please note: 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

Please note: 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.
[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 or Total Maximum Daily Load (TMDL) limits in watersheds where we operate such as the Delaware River watershed where we monitor 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, 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:
☑ Other, please specify **:**Hydrocarbons

(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

☑ Other, please specify **:**See “Please explain” field for details

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is 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

☑ Other, please specify **:**See “Please explain” field for details

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is 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 **:**Dissolved oxygen

(2.5.1.2) Description of water pollutant and potential impacts

CBOD, COD – 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

☑ Other, please specify **:**CBOD, COD – potential surface water impacts in immediate receiving water body

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is conducted in accordance with applicable permit requirements and company procedures.

Row 4

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :PCBs

(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

☑ Other, please specify :See “Please explain” field for details

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is conducted in accordance with applicable permit requirements and company procedures.

Row 6

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Nutrients

(2.5.1.2) Description of water pollutant and potential impacts

Nitrogen and 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

☑ Other, please specify **:**See “Please explain” field for details

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is conducted in accordance with applicable permit requirements and company procedures.

Row 7

(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

☑ Other, please specify **:**See “Please explain” field for details

(2.5.1.5) Please explain

Management procedures: Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness Environmental monitoring is 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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material 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. Federal and state regulatory and legislative developments related to emissions, climate change, energy price formation, resilience, fuel diversity and RPS can impact market prices. Changes to current state legislation or the development of federal legislation that requires 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. Federal and state legislation mandating the implementation of energy conservation programs and new technologies could cause declines in customer energy consumption and lead to a decline in our revenues. 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

(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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk6

(3.1.1.3) Risk types and primary environmental risk driver

Liability

☑ Exposure to sanctions and litigation

(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 have in the past, and may in the future, require substantial expenditures to comply with environmental laws. Additionally, under Federal and state environmental laws, we are generally liable for the costs of remediating environmental contamination of property now or formerly owned by us and of property contaminated by hazardous substances generated by us. We own or lease several real estate parcels, including parcels on which our operations or the operations of others may have resulted in contamination by substances that are considered hazardous under environmental laws. In addition, we are currently involved in proceedings relating to sites where hazardous substances have been deposited and may be subject to additional proceedings in the future. Unless otherwise disclosed, we cannot reasonably estimate whether we will incur significant liabilities for additional investigation and remediation costs at these or additional sites identified by us, environmental agencies or others. Additional costs could have a material, unfavorable impact on our consolidated financial statements.

(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

☑ 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

(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

We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.

(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. We are in the process of undertaking 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, hydro and renewable generation assets. Once complete, we will assess the impact of the material risks on our financial statements, if any. Please refer to our Form 10-K for additional information on any prior extreme weather events and their related financial impacts, if applicable.
[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: We are currently undertaking 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, hydro and renewable generation assets. Therefore, we are currently 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 2023.*

[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

01/01/2023

(3.5.2.4) Period end date

12/31/2023

(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

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

6.42

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

0

(3.5.2.3) Period start date

01/01/2023

(3.5.2.4) Period end date

12/31/2023

(3.5.2.5) Allowances allocated

67432

(3.5.2.6) Allowances purchased

552904

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

620991

(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

9.02

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

0

(3.5.2.3) Period start date

01/01/2023

(3.5.2.4) Period end date

12/31/2023

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

4462454

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

873222

(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

3.7

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

0

(3.5.2.3) Period start date

01/01/2023

(3.5.2.4) Period end date

12/31/2023

(3.5.2.5) Allowances allocated

0

(3.5.2.6) Allowances purchased

90309

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

358183

(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 will 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 Clean Energy Future chapter of our 2024 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: We entered 0 in the "Cost to realize opportunity" field to satisfy CDP's disclosure requirement as this information 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 resilient, secure and readily dispatchable carbon-free energy. Our unique blend of reliable and clean assets enables us to meet customer demand at every hour of every day, throughout the year. Tackling the climate crisis by maintaining and expanding our clean energy capacity is foundational to our growth strategy and vital to efficiently achieving a decarbonized American economy. We are helping to 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 wind assets and developing innovative approaches to support our customers' current need for clean reliable electricity while building out the clean energy solutions of tomorrow. Our nuclear generation facilities are clean energy centers that have positive benefits 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—so they can take direct advantage of our clean, 24/7 carbon-free electricity. One especially impactful co-location opportunity we are 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 solutions that enable our customers to meet their sustainability and carbon reduction targets, 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 own 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, please see the Clean Energy Future chapter of our 2024 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 Clean Energy Future section of our 2024 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, though the Board does not have a formal policy regarding the consideration of diversity in identifying and selecting director nominees, 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 recognize the demographics of the communities in which the Company serves. The

Board believes that a variety of factors, including personal background, education, skill set, life experience, professional experience, ethnicity, gender, age, nationality, veteran status, and other individual qualities and attributes contribute to providing the diverse view points and perspectives that best enable effective decision-making.

(4.1.6) Attach the policy (optional)

CEG_Corporate Governance_Principles_110123.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

(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
☑ Overseeing and guiding public policy engagement
☑ Reviewing and guiding innovation/R&D priorities
☑ Approving and/or overseeing employee incentives
☑ 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
☑ 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

(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

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

☑ Overseeing and guiding major capital expenditures

☑ Other, please specify **:**Regular reporting to the board by management of monitoring implementation and performance; Regular reporting to the board of compliance with federal and state environmental and water related regulations

(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

Biodiversity

(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

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

☑ Other, please specify :Regular reporting to the board by management of monitoring implementation and performance; Regular reporting to the board of compliance with federal and state environmental and biodiversity related regulations

(4.1.2.7) Please explain

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. The Corporate Governance Committee of the Board of Directors reviews sustainability and climate change strategies, including efforts to protect and improve the environment. In addition, the Nuclear Oversight Committee oversees environmental and safety laws, regulations and standards applicable to ownership and operation of nuclear power facilities. This includes compliance with policies and procedures to manage and mitigate risks associated with nuclear assets and oversight of both cybersecurity risks and environmental health and safety issues related to nuclear generating facilities.
[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
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

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. As such, Constellation is purpose-built to meet the challenges of the climate crisis. 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.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**Executive Committee

(4.3.1.2) Environmental responsibilities of this position

Other

☑ Other, please specify **:**Both assessing and managing biodiversity-related 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 addressing the challenges of climate change, while 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 addressing the challenges of climate change, while 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

Row 3

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Biodiversity

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.4) 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 addressing the challenges of climate change, while 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 environmental stewardship, along with our

ongoing actions to protect the species surrounding our operations, is guided by our Biodiversity Policy. This policy is informed and managed through continuous engagement with stakeholders, such as expert and regulatory agencies, and through activities such as research collaborations and community and employee educational 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 implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems

☑ 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-Biodiversity-and-Habitat-Protection-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. In 2023, the U.S. Environmental Protection Agency (EPA) proposed new GHG emission limits and guidelines for fossil fuel-fired power plants based on cost-effective and available control technologies. We strongly supported and continue to support policies aimed at reducing power sector emissions and we submitted comments to the EPA outlining our recommendations to ensure the rule enables a reliable transition to a more decarbonized grid.
[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

Constellation believes that a federal policy that places a value on carbon emissions would be the most efficient solution. Until such time, we support state programs that compensate nuclear units for their environmental attributes, similar to how renewables are compensated. Further, we support policies and programs that ensure the continued operation of the nuclear fleet, such as production tax credit for existing nuclear units that was included in the Inflation Reduction Act.

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

Select all that apply

☑ Climate change

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

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

☑ Subsidies 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

☑ Submitting written proposals/inquiries

☑ Regular meetings
☑ Discussion in public forums
☑ Responding to consultations
☑ Provided funding or in-kind support
☑ 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

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

(4.11.1.11) 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

☑ Submitting written proposals/inquiries

☑ Participation in working groups organized by policy makers

☑ Responding to consultations

☑ Provided funding or in-kind support

(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

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

(4.11.1.11) 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

Please note: We entered 0 in the " Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)" 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:

☑ 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

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 opposes the SEC's Climate Related Risk Disclosure rule and EPA's Power Plant GHG rules, both of which Constellation has supported on the record through public statements and regulatory comment letters. 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 and aggressive 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

Row 8

(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:

☑ Other, please specify **:**Coalition

(4.11.2.3) State the organization or position of individual

The Energy Strategy Coalition 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:

☑ 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

Constellation advocates for sound and aggressive 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 Energy Strategy Coalition but may differ from the positions taken by individual Energy Strategy Group companies. 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
[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 16-39 Water: pages 72-74 Biodiversity: pages 74-75

(4.12.1.7) Attach the relevant publication

Constellation 2024 CSR (with data and content indices appended).pdf

(4.12.1.8) Comment

We discuss our climate change topics in the Clean Energy Future chapter in our 2024 Constellation Sustainability report and our water and biodiversity topics in the Environment chapter. Constellation 2024 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:

☑ Business division

(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

☑ 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).

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:

☑ Business division

(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:

☑ Business division

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

Constellation's Nuclear division completed a customized assessment of acute and chronic physical climate risks at each of our individual nuclear facilities. This was done via climate scenario modeling using CMIP6, which is the latest generation of global climate projection models that were recently assessed by the Intergovernmental Panel on Climate Change (IPCC 2021). Constellation utilized historic and projected climate scenario modeling data to assess the following acute physical impacts: drought, flooding, extreme precipitation, extreme snowfall, extreme heat events, extreme cold events, tornadoes, and hurricanes. Chronic physical risks assessed included: temperature, annual average precipitation, annual average snowfall, streamflow and lake levels, and water temperature at each of our nuclear plants. Potential impacts to operational resiliency based on these acute and chronic physical climate risks were identified, resulting in individual physical climate resiliency reports for each site, with detailed assessment of each acute and chronic physical climate risk, the potential risk to operations posed, adaptation strategies, and additional evaluations and reviews to ensure safety and operational resiliency at our nuclear facilities 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% 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% carbon-free, with a carbon intensity, on a per megawatt hour (MWh) basis, more than 75% 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 unable 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% 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. In 2024, the U.S. Environmental Protection Agency (EPA) finalized new GHG emission limits and guidelines for fossil fuel-fired power plants based on cost-effective and available control technologies. We strongly support the need to reduce power sector emissions from new and existing fossil fuel-fired power plants and submitted comments to the EPA outlining our recommendations to ensure the rule enables a reliable transition to a more decarbonized grid. We also engage with policymakers on critical components of the just 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: • Clean Electricity Supply: We commit that our owned electricity generation will be 95 percent carbon-free by 2030 and 100 percent carbon-free by 2040 subject to policy support and technology advancements. • Operational Emissions Reduction: 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 from a 2020 baseline. Any emissions that cannot be technologically reduced by that time will be offset. We also commit to reducing methane emissions by 30 percent by 2030, aligning Constellation with the Global Methane Pledge. We are already well ahead of industry-wide trajectories for limiting global warming to 1.5C Celsius and below 2C. We have already 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 50 percent reduction from our 2023 generation carbon intensity by 2030, and 100 percent reduction by 2040. Collectively, our climate commitments keep us on track to reduce emissions at a rate aligned with a 1.5C world. In 2023, we undertook a project to develop a roadmap for achieving our climate goals, identifying feasible pathways to meet these commitments, with an initial focus on our interim targets in 2030. As part of that, we publicly disclosed our plans for implementation of our climate transition plan as part of our 2024 CSR (see the Climate Roadmap section of our 2024 Sustainability Report, beginning on page 37). We have identified the following potential actions for implementing our clean electricity supply commitment: • Maintaining and extending the life of our nuclear fleet. • Growing our clean electricity fleet through nuclear uprates and acquisitions of nuclear or renewable assets. • Retiring uneconomic fossil fuel generation units. • Decarbonizing our natural gas fleet through technology interventions, like 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. We have identified the following potential actions for implementation on our operational climate commitment: energy efficiency, vehicle and boiler electrification, lower GWP refrigerants, clean fuels such as Sustainable Aviation Fuel credits (SAFc), and hourly carbon-free energy matching. We have also identified technology options for reducing methane emissions by up to 30 percent by capturing and utilizing methane in other processes.

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

Constellation-2024-Sustainability-Report_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 equity 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. Additionally, suppliers are expected to adhere to the Constellation Supplier Code of Conduct, which includes the Environmental language below. "Constellation's commitment to the environment is integral to meeting customers' expectations and reducing Constellation's environmental impact on future generations, while also ensuring that we meet or exceed all environmental laws and regulations. Constellation intends to be the leading American clean energy company. We expect Suppliers to share these goals by identifying and implementing opportunities to reduce or eliminate energy usage, greenhouse gas emissions, waste and pollution at its source, and continually improving efficiency of resource and materials use." 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 https://www.constellationenergy.com/our-work/innovation-and-advancement/technology-ventures.html. Through CTV, we were a strategic venture investor in NET Power, LLC, which went public in 2023 to form a new company called NET Power Inc. 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.

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 will include implementation plans and recommendations for KPIs to track progress, and which will 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 2022, 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 solutions 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, particularly nuclear plants with supportive policy, • 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.
[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: ☑ No, but we 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 carbon-free energy acquisitions, particularly nuclear plants with supportive policy, • 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.
[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 our website at https://www.constellationenergy.com/our-work/innovation-and-advancement/strategy.html.
[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)

1200000000

(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

48

(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

46

(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 (2023) and anticipated expenditures between 2024 and 2025. This information is also available in our June 2024 Investor Presentation located at https://investors.constellationenergy.com/static-files/cc2ffd01-61ac-49c5-b05f-7fafd87f3cde 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

52

(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

54

(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 (Committed Growth) between 2024 and 2025 because there is no option for us to add rows specific to those CAPEX categories. This information is also available in our June 2024 Investor Presentation located at https://investors.constellationenergy.com/static-files/cc2ffd01-61ac-49c5-b05f-7fafd87f3cde 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 Committed Growth opportunities between 2024 and 2025. This information is also available in our June 2024 Investor Presentation located at https://investors.constellationenergy.com/static-files/cc2ffd01-61ac-49c5-b05f-7fafd87f3cde

(5.7.1.3) CAPEX planned for product/service

5075000000

(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

We entered 0 in the numeric fields of this response 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 12.50 and 14.88 per ton. In the California, Cap and Trade program prices ranged between 27.85 and 38.73 per ton in 2023. 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

12.72

(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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
		☑ 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. [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 meeting regulatory requirements/environmental compliance laws. 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 meeting regulatory requirements/environmental compliance laws). 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 21% 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 7 million RECs and 18.2 million nuclear Emission-Free Energy Certificates (EFECs) for customers in 2023.

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 invests across the energy landscape into technologies that help mitigate the impact of climate change and that will disrupt how electricity is generated, managed and consumed. CTV goes beyond capital investment by actively working with company leadership to deploy the company's products via Constellation's commercial platform. Areas of investment focus include technologies addressing the core power sector, carbon markets and the electrification of buildings and transportation.

(5.11.9.6) Effect of engagement and measures of success

Constellation is a prime or sub-recipient of the U.S. Department of Energy (DOE) and New York State Energy Research and Development Authority (NYSERDA) grants on clean energy technologies including direct air capture of CO2, long duration energy storage and clean hydrogen production. One of CTV's active investments, LevelTen Energy, helps renewable energy buyers, sellers, advisors and financiers get deals done faster. LevelTen created a web-based marketplace that streamlines the buying and selling of offsite renewable energy projects, such as wind and solar, across North America. This platform connects project developers with corporate buyers in a way that simplifies the execution of physical and virtual power purchase agreements (PPAs) while facilitating additional risk intermediation services. Recognizing that deep decarbonization requires harnessing more than renewable resources alone, in 2023 LevelTen Energy and Intercontinental Exchange announced the Granular Certificate Trading Alliance as a trading platform for granular carbon-free energy attribute certificates. Constellation's founding membership in the Alliance and strong collaboration with LevelTen further enhances our ability to offer robust hourly carbon-free energy supply structures to our commercial customers. By making the process of buying and selling carbon-free energy and attributes more efficient, this critical transaction infrastructure is helping accelerate the clean energy transition.

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, 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.
[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 carbon-free generation fleet of nuclear, hydroelectric, wind and solar generation facilities generated approximately 178 terawatt hours (TWh) of clean, carbon-free energy in 2023, powering the equivalent of 16 million homes and providing around 10 percent of all clean power generated in the United States (U.S.), while avoiding almost 125 million metric tons of carbon emissions. We also operate natural gas plants and other assets that provide a mix of baseload, intermediate and peak power generation. Our family of retail businesses serves approximately two million residential, public sector and business customers, including 75 percent of the Fortune 100. We offer innovative clean energy solutions, such as hourly carbon-free energy matching and Constellation Offsite Renewables (CORe), to help customers reach their own climate goals. We are also working to advance new technologies, including behind-the-meter (BTM) energy solutions, at our clean energy centers to help decarbonize hard-to-abate industries. For more information, please refer to our 2024 Sustainability Report.
[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 page 10 of our 2024 Sustainability Report Data Index at https://www.constellationenergy.com/content/dam/constellationenergy/pdfs/Constellation-2024-ESG-Data-Index-Factsheet.pdf.
[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?

(7.1.1.1) Has there been a structural change?

Select all that apply

☑ Yes, an acquisition

☑ Yes, a divestment

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

Divested from Bloom Energy and acquired 44% stake in South Texas Project (STP) nuclear plant.

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

Per GHG Protocol guidance, the GHG "inventory boundary must be held consistent between those data sets that are used for a direct comparison over time." Following this, we have conducted a re-baselining of our GHG inventory to ensure comparison of "like with like" emissions boundaries and calculation methodologies over time. Re-baselining was triggered after exceeding our 5% re-baselining threshold due to (1) changes in our organizational structure due to acquisition and divestment, (2) improvements to our GHG accounting methodology for better alignment to GHG Protocol guidance, and (3) updated, more accurate source data from which our GHG emissions are calculated. As such, our 2022 GHG emissions have been updated to reflect these changes and may vary slightly from what was previously reported. Historically, we have taken an annual energy matching approach to reducing our market-based Scope 2 emissions by retiring emission-free energy certificates (EFECs) from nuclear generation to cover 100 percent of our annual grid-supplied electric use in the PJM market territory, as was the practice prior to our separation from Exelon in 2022. As part of our climate roadmap work in 2023, we reassessed our approach to using contractual instruments like EFECs to reduce our market-based Scope 2 inventory. We determined we needed a change to align our clean energy procurement strategy with what we believe is required for firm, reliable grid decarbonization: hourly carbon-free energy matching of load with supply within geographically deliverable boundaries. As part of this pivot, we re-

baselined our historic market-based Scope 2 inventories and are using this year to reset, without any procurement of contractual instruments against our 2023 inventory, while we turn our ambitions toward making progress on hourly matching against our own electricity use in our 2024 market-based Scope 2 inventory and beyond. Had we continued the historic practice of retiring EFECs to cover 100 percent of our annual grid supplied electric use in the PJM market territory, our Scope 2 market-based emissions would have increased by 13.4 percent in 2023 compared to 2022, from approximately 46,000 to 53,000 metric tons of CO2e.
[Fixed row]

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

(7.1.2.1) Change(s) in methodology, boundary, and/or reporting year definition?

Select all that apply

☑ Yes, a change in methodology

(7.1.2.2) Details of methodology, boundary, and/or reporting year definition change(s)

Per GHG Protocol guidance, the GHG "inventory boundary must be held consistent between those data sets that are used for a direct comparison over time." Following this, we have conducted a re-baselining of our GHG inventory to ensure comparison of "like with like" emissions boundaries and calculation methodologies over time. Re-baselining was triggered after exceeding our 5% re-baselining threshold due to (1) changes in our organizational structure due to acquisition and divestment, (2) improvements to our GHG accounting methodology for better alignment to GHG Protocol guidance, and (3) updated, more accurate source data from which our GHG emissions are calculated. As such, our 2022 GHG emissions have been updated to reflect these changes and may vary slightly from what was previously reported.
[Fixed row]

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

(7.1.3.1) Base year recalculation

Select from:

☑ Yes

(7.1.3.2) Scope(s) recalculated

Select all that apply

☑ Scope 1

☑ Scope 2, location-based

☑ Scope 2, market-based

☑ Scope 3

(7.1.3.3) Base year emissions recalculation policy, including significance threshold

Constellation's significance threshold is set at 5% of 2020 baseline emissions for each GHG Scope. If methodology changes occur which would result in a greater than 5% change in baseline emissions within a GHG Scope, Constellation will adjust its site level baselines accordingly.

(7.1.3.4) Past years' recalculation

Select from:

☑ Yes

[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 2021 data set as issued in 2/2023; Scope 2 market-based use ISO residual factors where available, otherwise employing the EPA eGRID sub-regional factors from 2021 data set as issued in 2/2023 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)

25469772.0

(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)

9679181

(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)

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 2

(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.

Past year 3

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

7982743

(7.6.2) End date

12/31/2020

(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)

292891

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

379850

(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)

298226

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

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 2

(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) (if applicable)

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.

Past year 3

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

295684

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

351305

(7.7.3) End date

12/31/2020

(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 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 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)

24922161

(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 will be undertaking 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

At this time, we do not believe Scope 3 Category 4 Upstream 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.

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)

5817

(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 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 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)

6203

(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)

62548674

(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 (62.3 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 (226 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 2023.

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 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 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

12/31/2022

(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 2

(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.

Past year 3

(7.8.1.1) End date

12/31/2020

(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)

25469772

(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)

6201

(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)

63361817

(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:* ☑ 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

Constellation CY 2023 GHG Emissions and Air Emissions Intensity-AS.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

Constellation CY 2023 GHG Emissions and Air Emissions Intensity-AS.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

Constellation CY 2023 GHG Emissions and Air Emissions Intensity-AS.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

Constellation CY 2023 GHG Emissions and Air Emissions Intensity-AS.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:
☑ Increased

(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)

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 emissions reduction activities

(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.

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)

655293

(7.10.1.2) Direction of change in emissions

Select from:

☑ Increased

(7.10.1.3) Emissions value (percentage)

6.92

(7.10.1.4) Please explain calculation

*Due to 'changes in output' that occurred during 2023, emissions associated with our electric generation portfolio increased. These emissions increases are primarily related changes in dispatch calls for our plants to meet grid demand and are affected most by market prices and customer demand. The total increase attributable to change in output in 2023 was 655,923 metric tons CO2e. Our total Scope 1 and Scope 2 emissions in the previous year was 9,465,058 metric tons CO2e, therefore we arrived at 6.92% through (655,293/9,465,058) * 1006.92% (i.e. a 6.92% increase in emissions)*

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)

73243

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

0.77

(7.10.1.4) Please explain calculation

*Due to 'changes in physical operating conditions' that occurred during 2023, emissions associated with venting at Everett LNG terminal decreased by 73,243 metric tons CO2e. The reasoning is that slightly higher send out of LNG in 2023 resulted in lower venting. Our total Scope 1 and Scope 2 emissions in the previous year was 9,465,058 metric tons CO2e, therefore we arrived at 0.77% through (73,243/9,465,058) * 1000.77% (i.e. a 0.77% decrease in emissions)*

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.

(7.12.1.1) CO2 emissions from biogenic carbon (metric tons CO2)

52792

(7.12.1.2) Comment

Includes direct biogenic carbon emissions (13 metric tons CO2) and upstream, indirect biogenic carbon emissions (59,779 metric tons CO2). Upstream indirect biogenic carbon emissions are from biomass power purchasing agreements facilitated by Constellation.

[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)

9355298

(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)

312550

(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)

7259

(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)

1015

(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)

3059

(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)

91

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

12296

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

0.155

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

310861

(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)

9289345

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

192

(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)

9301224

(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)

11105

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

0.21

(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)

11116

(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)

45879

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

1.2

(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)

45964

(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)

19983

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

0.19

(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)

20118

(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)	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Canada	*358248*	*0*	*0*
United Kingdom of Great Britain and Northern Ireland	*0*	*0*	*0*
United States of America	*9320933*	*292891*	*379850*

[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)

27671

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)

9630174

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)

3845

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)

17491

[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

9360620

(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]

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply
☑ By business division

(7.20.1) Break down your total gross global Scope 2 emissions by business division.

Row 1

(7.20.1.1) Business division

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

(7.20.1.2) Scope 2, location-based (metric tons CO2e)

98703

(7.20.1.3) Scope 2, market-based (metric tons CO2e)

107225

Row 2

(7.20.1.1) 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.

(7.20.1.2) Scope 2, location-based (metric tons CO2e)

193916

(7.20.1.3) Scope 2, market-based (metric tons CO2e)

272248

Row 3

(7.20.1.1) Business division

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

(7.20.1.2) Scope 2, location-based (metric tons CO2e)

106

(7.20.1.3) Scope 2, market-based (metric tons CO2e)

143

Row 4

(7.20.1.1) Business division

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

(7.20.1.2) Scope 2, location-based (metric tons CO2e)

166

(7.20.1.3) Scope 2, market-based (metric tons CO2e)

234
[Add 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)

9679181

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

292891

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

379850

(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

(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:* ☑ 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

42

(7.30.1.3) MWh from non-renewable sources

50767624

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

50767666

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

915811

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

915811

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

43082

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

43082

Total energy consumption

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

43125

(7.30.1.3) MWh from non-renewable sources

51683435

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

51726560
[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

42

(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

42

(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

265958

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

123538

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

142420

(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

50501666

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

50333006

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

168660

(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

50767666

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

50456544

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

311122

(7.30.7.8) Comment

All fuel consumed.
[Fixed row]

(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

Electricity

(7.30.9.1) Total Gross generation (MWh)

202131303

(7.30.9.2) Generation that is consumed by the organization (MWh)

1334747

(7.30.9.3) Gross generation from renewable sources (MWh)

4269872

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

43082

Heat

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Steam

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Cooling

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0
[Fixed row]

(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.

Row 1

(7.30.14.1) Country/area

Select from:

☑ United States of America

(7.30.14.2) Sourcing method

Select from:

☑ None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

Constellation did not purchase zero or low carbon energy in 2023 as we are working to begin matching our energy use with hourly carbon-free energy.

Row 2

(7.30.14.1) Country/area

Select from:

☑ Canada

(7.30.14.2) Sourcing method

Select from:

☑ None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

Constellation did not purchase zero or low carbon energy in 2023 as we are working to begin matching our energy use with hourly carbon-free energy.

Row 3

(7.30.14.1) Country/area

Select from:

☑ United Kingdom of Great Britain and Northern Ireland

(7.30.14.2) Sourcing method

Select from:

☑ None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

Constellation did not purchase zero or low carbon energy in 2023 as we are working to begin matching our energy use with hourly carbon-free energy.
[Add 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)

0

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

7860

(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)

7860.00

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)

0.00

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

915811.01

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

1351994.55

(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)

2267805.56
[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

0.0004037

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

10059031

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

24918000000

(7.45.5) Scope 2 figure used

Select from:

☑ Market-based

(7.45.6) % change from previous year

4.2

(7.45.7) Direction of change

Select from:

☑ Increased

(7.45.8) Reasons for change

Select all that apply

☑ Change in output

(7.45.9) Please explain

Due to 'changes in output' that occurred during 2023, emissions associated with our electric generation portfolio increased. These emissions increases are primarily related changes in dispatch calls for our plants to meet grid demand and are affected most by market prices and customer demand. The total increase attributable to change in output in 2023 was 655,923 metric tons CO2e in our Scope 1 emissions, which caused our gross global combined Scope 1 and 2 emissions to increase by approximately 6.3 percent. Revenue increased slightly, by approximately 2.0%, but because emissions increased at a greater rate, our emissions per unit revenue intensity metric increased by 4.2% using combined Scope 1 and Scope 2 market-based emissions in mtco2e.
[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)

16956

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

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

63.51

(7.46.4) Scope 1 emissions intensity (Net generation)

69.21

Gas

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

9018008

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

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

387.35

(7.46.4) Scope 1 emissions intensity (Net generation)

399.77

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)

0.00

(7.46.4) Scope 1 emissions intensity (Net generation)

0.00

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)

0.00

(7.46.4) Scope 1 emissions intensity (Net generation)

0.00

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)

0.00

(7.46.4) Scope 1 emissions intensity (Net generation)

0.00

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)

0.00

(7.46.4) Scope 1 emissions intensity (Net generation)

0.00

Other non-renewable

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

266261

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

Select from:
☑ Net

(7.46.3) Scope 1 emissions intensity (Gross generation)

1365.44

(7.46.4) Scope 1 emissions intensity (Net generation)

1706.80

Total

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

9301224

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

Select from:
☑ Net

(7.46.4) Scope 1 emissions intensity (Net generation)

46.32
[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

2.08

(7.52.3) Metric numerator

51,727 GWh

(7.52.4) Metric denominator (intensity metric only)

24,918 million USD

(7.52.5) % change from previous year

5.5

(7.52.6) Direction of change

Select from:
☑ Increased

(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 2023, our total energy consumption was 51,727 GWh while our total revenue was 24,918,000,000. Therefore, our Energy Intensity metric was 2.07 GWh per million of revenue in 2023. This was 5.5% higher than in 2022, when our total energy consumption was 48,098 GWh and our total revenue was 24,440,000,000.
[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:

☑ Business activity

(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)

80759

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

175156

(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)

255915.000

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

1.01

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

49.86

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

3.07

(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)

70593

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

182573

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

253166.000

(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

1.07

(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 covers Constellation's operational emissions, excluding emissions associated with power generation and methane emissions associated with the Everett Marine Terminal, which are covered by the Low1, Low2 and Oth2 targets discussed in this survey.

(7.53.1.83) Target objective

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

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

Our interim operational target of 65 percent reduction by 2030, from a 2020 baseline, will require a wide range of decarbonization efforts, but we believe that we can achieve this target by 2030 through the following potential actions: • Energy Efficiency: Conducting energy efficiency audits and taking advantage of opportunities with low payback periods • and high return-on-investment. • Electrification: Electrifying our vehicle fleet and stationary combustion sources like standby auxiliary boilers where possible. • Fuel Switching: Replacing high global warming potential (GWP) refrigerants with newer, lower GWP refrigerants and replacing fossil fuels with biofuels where feasible. • Clean Fuels: Purchasing Sustainable Aviation Fuel (SAF) credits for our corporate aircraft fleet to send the market signal for SAF demand. • Hourly Carbon-free Energy Matching (Hourly Matching): Matching our electricity use with clean energy purchases on an hourly basis and within the same market boundary to ensure our load is reliably covered by clean, carbon-fee electricity, helping to enable a firm, clean and reliable grid.

(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:

☑ Business activity

(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)

80759

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

175156

(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)

255915.000

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

1.01

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

49.86

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

3.07

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

65

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

89570.250

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

70593

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

182573

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

253166.000

(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

1.65

(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 covers Constellation's operational emissions, excluding emissions associated with power generation and methane emissions associated with the Everett Marine Terminal, which are covered by the Low1, Low2 and Oth2 targets discussed in this survey.

(7.53.1.83) Target objective

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

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

Our interim operational target of 65 percent reduction by 2030, from a 2020 baseline, will require a wide range of decarbonization efforts, but we believe that we can achieve this target by 2030 through the following potential actions: • Energy Efficiency: Conducting energy efficiency audits and taking advantage of opportunities with low payback periods • and high return-on-investment. • Electrification: Electrifying our vehicle fleet and stationary combustion sources like standby

auxiliary boilers where possible. • Fuel Switching: Replacing high global warming potential (GWP) refrigerants with newer, lower GWP refrigerants and replacing fossil fuels with biofuels where feasible. • Clean Fuels: Purchasing Sustainable Aviation Fuel (SAF) credits for our corporate aircraft fleet to send the market signal for SAF demand. • Hourly Carbon-free Energy Matching (Hourly Matching): Matching our electricity use with clean energy purchases on an hourly basis and within the same market boundary to ensure our load is reliably covered by clean, carbon-fee electricity, helping to enable a firm, clean and reliable grid.

(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 increase or maintain low-carbon energy consumption or production

☑ Targets to reduce methane emissions

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

Row 1

(7.54.1.1) Target reference number

Select from:

☑ Low 1

(7.54.1.2) Date target was set

01/01/2022

(7.54.1.3) Target coverage

Select from:

☑ Business activity

(7.54.1.4) Target type: energy carrier

Select from:

☑ Electricity

(7.54.1.5) Target type: activity

Select from:

☑ Production

(7.54.1.6) Target type: energy source

Select from:

☑ Low-carbon energy source(s)

(7.54.1.7) End date of base year

12/31/2020

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

181368855

(7.54.1.9) % share of low-carbon or renewable energy in base year

89.35

(7.54.1.10) End date of target

12/31/2030

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

95

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

88.79

(7.54.1.13) % of target achieved relative to base year

-9.91

(7.54.1.14) Target status in reporting year

Select from:

☑ Underway

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

Currently, this target is not technically part of an emissions target. However, achieving 95% carbon-free generation will result in the reduction of millions of metric tons of our Scope 1 CO2e per year.

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

Select all that apply

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

(7.54.1.19) Explain target coverage and identify any exclusions

This target covers Constellation's power generation fleet.

(7.54.1.20) Target objective

The objective of this target is to achieve 95% carbon-free owned electricity supply by 2030 on our way toward 100% carbon-free owned electricity supply by 2040.

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

We are already well ahead of industry-wide trajectories for limiting global warming to 1.5C Celsius and below 2C. We have already 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 50 percent reduction from our 2023 generation carbon intensity by 2030, and 100 percent reduction by 2040. Collectively, our climate commitments keep us on track to reduce

emissions at a rate aligned with a 1.5C world. For our clean electricity supply commitment, we identified the following potential actions: • Maintaining and extending the life of our nuclear fleet. • Growing our clean electricity fleet through nuclear uprates and acquisitions of nuclear or renewable 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. 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. 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.

Row 2

(7.54.1.1) Target reference number

Select from:

☑ Low 2

(7.54.1.2) Date target was set

01/01/2022

(7.54.1.3) Target coverage

Select from:

☑ Business activity

(7.54.1.4) Target type: energy carrier

Select from:

☑ Electricity

(7.54.1.5) Target type: activity

Select from:

☑ Production

(7.54.1.6) Target type: energy source

Select from:

☑ Low-carbon energy source(s)

(7.54.1.7) End date of base year

12/31/2020

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

181368855

(7.54.1.9) % share of low-carbon or renewable energy in base year

89.35

(7.54.1.10) End date of target

12/31/2040

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

100

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

88.79

(7.54.1.13) % of target achieved relative to base year

-5.26

(7.54.1.14) Target status in reporting year

Select from:

☑ Underway

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

Currently, this target is not technically part of an emissions target. However, achieving 95% carbon-free generation will result in the reduction of millions of metric tons of our Scope 1 CO2e per year.

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

Select all that apply

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

(7.54.1.19) Explain target coverage and identify any exclusions

This target covers Constellation's power generation fleet.

(7.54.1.20) Target objective

The objective of this target is to achieve 95% carbon-free owned electricity supply by 2030 on our way toward 100% carbon-free owned electricity supply by 2040.

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

We are already well ahead of industry-wide trajectories for limiting global warming to 1.5C Celsius and below 2C. We have already 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 50 percent reduction from our 2023 generation carbon intensity by 2030, and 100 percent reduction by 2040. Collectively, our climate commitments keep us on track to reduce emissions at a rate aligned with a 1.5C world. For our clean electricity supply commitment, we identified the following potential actions: • Maintaining and extending the life of our nuclear fleet. • Growing our clean electricity fleet through nuclear uprates and acquisitions of nuclear or renewable 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. 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. 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.
[Add row]

(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

307388

(7.54.2.12) % of target achieved relative to base year

-242.1840943386

(7.54.2.13) Target status in reporting year

Select from:
☑ Underway

(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% by 2030.

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

We have identified technology options for reducing methane emissions by up to 30 percent at our Everett LNG Terminal that reduce emissions by capturing and utilizing methane in other processes. We are exploring those options to identify the most cost-effective path forward and hope to have an update in next year's Sustainability Report.

Row 3

(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% 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 (only for rows marked *)
Under investigation	*9*	*`Numeric input*
To be implemented	*2*	*154744*
Implementation commenced	*0*	*0*
Implemented	*4*	*16028949*
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

Low-carbon energy consumption

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

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

14610482

(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 C0.4)

0

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

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 2022 reporting year, Constellation purchased approximately 21 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

Energy efficiency in buildings

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

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

227898

(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 C0.4)

35278968

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

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 250,000 MWh of electricity and more than 850 thousand mmBtu of natural gas in 2023. 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 generation

☑ Solar PV

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

1129529

(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 C0.4)

0

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

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 2023 reporting year, Constellation's commercial business facilitated the origination of solar PPAs that will yield approximately 1,593,847 MWh of new solar 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 Solar PV equipment. Investment would also be that of our customers and does not apply to Constellation.

Row 4

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy generation

☑ Wind

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

61039

(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 C0.4)

0

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

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 2023 reporting year, Constellation's commercial business facilitated the origination of solar PPAs that will yield approximately 86,131 MWh of new wind 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 wind turbine equipment. Investment would also be that of our customers and does not apply to Constellation.
[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 3

(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, particularly nuclear plants with supportive policy, • 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 4

(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 5

(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 6

(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: Climate & Environment: Providing support for environmental conservation and stewardship Equity & Education: Investing in education, STEM and workforce development Employee Philanthropy & Volunteerism: Demonstrating leadership and passion for causes close to our hearts

Row 7

(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 8

(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.

As part of our ambitious climate goals that we announced in February 2022 upon separation from Exelon, we commit to reducing methane emissions 30 percent by 2030, also from a 2020 baseline, aligning Constellation with the Global Methane Pledge. In 2023, we are developing a roadmap for achieving our climate goals which will include implementation plans and recommendations for KPIs to track progress, and which will 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.

(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)

Biofuels

☑ Other, please specify :carbon-free electricity generation

(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% 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% carbon-free. We sell this generation to wholesale and retail customers, helping to keep grid emissions rate as low as possible. We own and operates 21 nuclear reactors in the U.S. and have an ownership interest in two additional reactors with a combined capacity of nearly 21 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 2023. 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% 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 also operate a fleet of hydroelectric, wind, solar and storage assets with a combined capacity of more than 2.6 GW. 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 (177,837,621 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

124553213

(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions

Per the GHG Protocol equity share ownership boundary, 178,292,251,499 kWh 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 here: https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator under "Kilowatt-hours avoided", yielding 124,553,213 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 3

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

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

Select from:

☑ Other, please specify **:**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 canceled 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:
☑ No

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:
☑ Facilities

(9.1.1.3) Reason for exclusion

Select from:
☑ Data is not available

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:
☑ Unknown
[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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we estimate all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit and/or internal performance monitoring requirements and methodology specifications for both quantitative and qualitative aspects of water use (e.g. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we measure water withdrawals by estimating flows through the use of pump run times and manufacturer pump curves.

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we estimate all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit and/or internal performance monitoring requirements and methodology specifications for both quantitative and qualitative aspects of water use (e.g. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we measure water withdrawals by estimating flows through the use of pump run times and manufacturer pump curves.

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear 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. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we calculate water withdrawals by estimating flows through the use of pump run times and manufacturer pump curves.

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we estimate all water inflows and outflows by source (including dedicated cooling ponds) in accordance with permit and/or internal performance monitoring requirements and methodology specifications of our systems (e.g. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we calculate water discharges by estimating flows through the use of pump run times and manufacturer pump curves.

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we estimate all water inflows and outflows by source (included dedicated cooling ponds) by source and destination water bodies in accordance with permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we calculate water discharges by estimating flows through the use of pump run times and manufacturer pump curves.

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we monitor discharges by treatment and/or use methods in accordance with permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing).

(9.2.4) Please explain

The 100% 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:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear 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, calibration frequency, testing) defined by engineering department of individual operating

companies or sites. At our fossil fuel-fired power plants, we calculate water discharges by estimating flows through the use of pump run times and manufacturer pump curves.

(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 100% 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:

☑ Not monitored

(9.2.4) Please explain

In our fossil power plants and nuclear stations, we test for all of the parameters listed in a renewal application for a NPDES permit. The priority pollutants are usually tested once per year in some permits. Other permits only require this to be tested on the renewal application.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear 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, calibration frequency, testing) defined by engineering department of individual operating companies or sites. At our fossil fuel-fired power plants, we calculate water discharges by estimating flows through the use of pump run times and manufacturer pump curves.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Unknown

(9.2.3) Method of measurement

At our nuclear plants, we estimate and report total water consumption (withdrawal minus discharge) for all of our water use in accordance with permit and/or internal performance monitoring requirements and methodology specifications (e.g. sensor or meter type, calibration frequency, testing). At our fossil fuel-fired power plants, we calculate water discharges by estimating flows through the use of pump run times and manufacturer pump curves.

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)

48700101

(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

Please note: The withdrawals and consumption data reported in the “The Volume (megaliters/year)” field differs slightly from what was reported in the 2024 Constellation Sustainability Report (CSR) due to the omission of some minor third-party water volumes. 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)

47960046

(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)

737597

(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

Please note: The withdrawals and consumption data reported in the "The Volume (megaliters/year)" field differs slightly from what was reported in the 2024 Constellation Sustainability Report (CSR) due to the omission of some minor third-party water volumes. 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)

43558932

(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. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

4671330

(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. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.

Groundwater – renewable

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

467309

(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

Groundwater withdrawal did not change significantly in comparison with the previous reporting year. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:

☑ Not relevant

Produced/Entrained water

(9.2.7.1) Relevance

Select from:

☑ Not relevant

Third party sources

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

2529

(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. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.
[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)

43288645

(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. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:

☑ Relevant

(9.2.8.2) Volume (megaliters/year)

4671355

(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. Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.

Groundwater

(9.2.8.1) Relevance

Select from:
☑ Not relevant

Third-party destinations

(9.2.8.1) Relevance

Select from:
☑ Relevant

(9.2.8.2) Volume (megaliters/year)

168

(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

Please note the comment in 9.2.2 regarding the difference between the total water withdrawal and consumption reported in the Constellation Sustainability Report and in 9.2.2.
[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)

348.3

(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:

☑ Other, please specify **:**There is no material difference between the prior and current years' reported volumes.

(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:

☑ Not relevant

(9.2.9.6) Please explain

Secondary treatment is not utilized at any of our facilities.

Primary treatment only

(9.2.9.1) Relevance of treatment level to discharge

Select from:
☑ Relevant

(9.2.9.2) Volume (megaliters/year)

1794981.9

(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:
☑ Other, please specify **:**There is no material difference between the prior and current years' reported volumes.

(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)

45530656.39

(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:

☑ Other, please specify **:**There is no material difference between the prior and current years' reported volumes.

(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)

182

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Other, please specify **:**The volumes reported at this level are relatively low compared to water volumes otherwise treated.

(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)

27.2

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:
☑ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:
☑ Other, please specify **:**Please see the "Please explain" field.

(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 fossil fuel 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
	24918000000	*511.66*

[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)

3.67

(9.7.1.2) Numerator: water aspect

Select from:

☑ Total water consumption

(9.7.1.3) Denominator

Select from:

☑ MWh

(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 2022 as our water consumption volumes and net generation MWh did not change significantly in 2023 compared to the previous year. Please note that the intensity value reported in last year's CDP response (W-EU1.3a) was incorrectly reported as 3.41. The correct value should have been 3.56.
[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

3.7254

(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% 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. Please note that our previous-year response used a megaliters/MWh calculation, and that this year's calculation is in m3/MWh.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances
	Select from: ☑ No

[Fixed row]

(9.14) Do you classify any of your current products and/or services as low water impact?

(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:

☑ Other, please specify **:**See the " Please explain" field for details

(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. We hope to be able to provide more information on this commitment in future years.
[Fixed row]

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

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

[Fixed row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

(11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

☑ Yes, we are taking actions to progress our biodiversity-related commitments

(11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

☑ Other, please specify :Please refer to the Protecting Ecosystems and Natural Resources section of our 2024 Constellation Sustainability Report for details on how we protect biodiversity at our generation facilities.

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	Select from: ☑ Yes, we use indicators	*Select all that apply* ☑ Other, please specify :We have our own customized set of biodiversity performance indicators

[Fixed row]

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

Other areas important for biodiversity

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☑ Yes

(11.4.2) Comment

Detailed information on Constellation's operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas is not currently available. For information on how we actively manage local biodiversity impacts of our operations, please see the Protection of Local Biodiversity section on pages 74-75 of our 2025 Sustainability Report.
[Fixed row]

(11.4.1) Provide details of your organization's activities in the reporting year located in or near to areas important for biodiversity.

Row 1

(11.4.1.4) Country/area

Select from:

☑ United States of America

[Add row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: ☑ 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 2023 (CY 2023) against the assurance criteria below to a reasonable level of assurance and materiality of 5% 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)

Constellation-CY-2023-Emissions-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 "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 2024 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
[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