

## Welcome to your CDP Climate Change Questionnaire 2022

### C0. Introduction

#### C0.1

##### **(C0.1) Give a general description and introduction to your organization.**

We are the nation's largest producer of carbon-free energy and the leading competitive retail supplier of power and energy products and services for homes and businesses across the United States. Headquartered in Baltimore, our generation fleet is helping to accelerate the nation's transition to clean energy with more than 32,400 megawatts of capacity and annual output that is 90 percent carbon-free.

On February 24, 2021, Exelon announced the plan to separate its competitive power generation from its regulated utility business into a publicly traded company with the financial and strategic independence to focus on its core business and customers. The separation was completed in the first quarter of 2022, at which time Constellation Energy Corporation became a separate publicly traded company.. For more information, please visit Exelon's Separation Facts webpage (<https://www.exeloncorp.com/separationfacts>). For more information about our history, please visit Constellation's About Us webpage (<https://www.constellationenergy.com/our-company/our-story/about-constellation.html>).

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and programs. Therefore, we have opted to respond to the minimum version of this year's CDP Climate Change questionnaire. We plan to respond to the full CDP Climate Change questionnaire in 2023. For more information about Constellation's sustainability strategy, please see the inaugural 2022 Constellation Sustainability Report at [www.constellationenergy.com/csr](http://www.constellationenergy.com/csr).



## C0.2

**(C0.2) State the start and end date of the year for which you are reporting data.**

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting year	January 1, 2021	December 31, 2021	Yes	2 years

## C0.3

**(C0.3) Select the countries/areas in which you operate.**

Canada

United States of America

## C0.4

**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

USD

## C0.8

**(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?**

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, an ISIN code	US21037T1097



## C1. Governance

### C1.1

**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

Yes

### C1.2

**(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.**

Name of the position(s) and/or committee(s)	Responsibility	Frequency of reporting to the board on climate-related issues
Other committee, please specify Governance Committee	Both assessing and managing climate-related risks and opportunities	Quarterly

### C1.3

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	As this is our first year as an independent company, we are still in the process of refining our sustainability strategy and programs. Therefore, we have opted to respond to the minimum version of this year's CDP Climate Change questionnaire. We plan to provide a more detailed response in 2023.



## C2. Risks and opportunities

### C2.1

**(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?**

Yes

### C2.3

**(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

Yes

### C2.3a

**(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.**

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**Identifier**

Risk 1

**Where in the value chain does the risk driver occur?**

**Risk type & Primary climate-related risk driver**

**Primary potential financial impact**



**Company-specific description**

Please refer to the Item 1A. Risk Factors section of our 2021 Form 10-K located at <https://investors.constellationenergy.com/static-files/75e4ce2d-05b5-4529-b9af-0fa2cf24f997> for details on the various climate-related risks that could have a substantive financial or strategic impact on Constellation’s business. These include acute and chronic physical risks such as “We are subject to risks associated with climate change” on p36 and “We could be negatively affected by the impacts of weather” on p32, regulatory risks such as “Our business is highly regulated and could be negatively affected by legislative and/or regulatory actions” on p34, and technological risks like “We are potentially affected by emerging technologies that could over time affect or transform the energy industry” on p30.

**Time horizon**

**Likelihood**

Unknown

**Magnitude of impact**

**Are you able to provide a potential financial impact figure?**

No, we do not have this figure

**Potential financial impact figure (currency)**

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Please refer to our 2021 Form 10-K located at <https://investors.constellationenergy.com/static-files/75e4ce2d-05b5-4529-b9af-0fa2cf24f997> for past financial data. We do not have estimates for future impacts of risks as the range would vary depending on the extent and severity of each



risk event.

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and programs. Therefore, we have opted to respond to the minimum version of this year's CDP Climate Change questionnaire. We plan to respond to the full CDP Climate Change questionnaire.

### **Cost of response to risk**

#### **Description of response and explanation of cost calculation**

Please refer to our 2021 10K for past financial data. We do not have estimates for future impacts of risks as the range would vary depending on the extent and severity of each risk event.

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and programs. Therefore, we have opted to respond to the minimum version of this year's CDP Climate Change questionnaire. We plan to respond to the full CDP Climate Change questionnaire.

### **Comment**

## **C2.4**

**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes

## **C2.4a**

**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

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**Identifier**

Opp1

**Where in the value chain does the opportunity occur?**

Downstream

**Opportunity type**

Products and services

**Primary climate-related opportunity driver**

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

**Primary potential financial impact**

Increased revenues through access to new and emerging markets

**Company-specific description**

Many sectors of the economy are pivoting to electricity as the power source to reach their decarbonization goals. By 2050, electricity demand is projected to double, representing 400 to 500 percent growth in the electricity market. Policy makers and stakeholders increasingly recognize that nuclear energy will be crucial in decarbonizing the economy and meeting the growing need for electricity.

At Constellation, we are well equipped to meet the need for clean, reliable and affordable energy in the U.S. Constellation leads the U.S. in the production of clean energy, and we produce nearly as much clean energy as our next two largest competitors combined. Our nuclear fleet's unparalleled reliability provides zero-emissions power to the grid 24 hours a day, 7 days a week throughout every season of the year. No other form of energy production can provide this kind of around-the-clock, emissions-free energy.

Each of the Constellation nuclear stations is a Clean Energy Center. Our nuclear generation has potential beyond its current use as a baseload energy source and provider of capacity to the electric grid. At Constellation, we envision expanding the capabilities of these clean energy centers. The innovative clean energy center model will not only satisfy the growing demand for clean and flexible energy but also, in certain instances, allow for the production of clean hydrogen and power direct air capture (DAC) technology.

Our nuclear plants, by design, are accessible to sources of water, transmission infrastructure and transportation hubs, making them ideally suited to be centers of clean energy production. We are investigating ways to make use of DAC technology, which has the potential to draw on clean generation to efficiently remove CO<sub>2</sub> directly from the atmosphere. The production of clean hydrogen takes advantage of our nuclear generation by capitalizing on the 24/7 stable production of electricity and the heat generated organically by our nuclear plants. Hydrogen demand is expected to increase to as much as 41 million metric tons per year by 2050, a four-fold increase compared to present demand. Clean hydrogen could support critical industries that are otherwise not well-positioned to decarbonize, such as aviation, long-distance trucking, heavy-duty machinery, chemical production including methanol and ammonia, steel production, refineries and even long-duration energy storage.

**Time horizon**

Short-term

**Likelihood**

Likely

**Magnitude of impact**

High

**Are you able to provide a potential financial impact figure?**

No, we do not have this figure

**Potential financial impact figure (currency)**

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

We cannot estimate the value today but are exploring valuations incorporating impact of recently passed legislation.



## **Cost to realize opportunity**

### **Strategy to realize opportunity and explanation of cost calculation**

Our sustainable business strategy builds on four strategic principles; powering America's clean energy future, expanding America's largest fleet of Clean Energy Centers, uplifting and strengthening our communities and providing energy and sustainability solutions for customers

Constellation leads the U.S. in the production of clean energy, and we produce nearly as much clean energy as our next two largest competitors combined. Our total emissions are lower than any major publicly traded power generator and our carbon intensity is more than four times less than our next closest competitor. Production from our 21 gigawatts (GW) ownership share of 23 nuclear reactors totaled 163 terawatt hours of zero-emissions electricity in 2021, enough to power 14.9 million homes. Constellation also operates a robust fleet of renewables consisting of hydroelectric, wind and solar power, which have a combined capacity of more than 3 GW.

We work every day to anticipate our customers' needs to create more innovative solutions that help them exceed their goals, such as our 24/7 product innovations to better recognize carbon-free energy on the grid Constellation Offsite Renewables (COrE) products combine location-specific renewable energy purchases and renewable energy certificates (RECs) with a physical, load-following, energy supply contract.

Nuclear generation has potential beyond its current use as a baseload energy source providing capacity to the electric grid. At Constellation, we envision our nuclear power fleet as foundational resources to operate clean energy centers. The innovative clean energy center model will not only satisfy the growing demand for clean and flexible energy but also, in certain instances, allow for the production of clean hydrogen and power direct air capture technology. Our nuclear plants, by design, are accessible to sources of water, transmission infrastructure and transportation hubs, making them ideally suited to be centers of clean energy production and support decarbonization of other sectors of the economy.

### **Comment**

## C3. Business Strategy

### C3.1

(C3.1) Does your organization's strategy include a transition plan that aligns with a 1.5°C world?

Row 1

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**Transition plan**

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

**Publicly available transition plan**

Yes

**Mechanism by which feedback is collected from shareholders on your transition plan**


We have a different feedback mechanism in place

**Description of feedback mechanism**

Please see the Clean Energy section of our 2022 Constellation Sustainability Report.

**Frequency of feedback collection**

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

 Constellation-2022-Sustainability-Report.pdf



## C4. Targets and performance

### C4.1

**(C4.1) Did you have an emissions target that was active in the reporting year?**

No target

### C4.1c

**(C4.1c) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.**

	Primary reason	Five-year forecast	Please explain
Row 1	Other, please specify  See the "Please explain" column for details	As part of our 2040 climate goals, which were established in 2022, we have interim targets for 2030.	<p>As part of our separation from Exelon in February 2022, we established our own ambitious climate goals for 2040. Our commitments start with continuing to grow our clean energy generation and reducing our emissions. We will continue to reduce our operational emissions to advance our sustainability goals and support a cleaner, healthier environment in our communities and around the world.</p> <p>Clean Electricity Supply: We commit that our owned electricity generation will be 95 percent clean by 2030 and 100 percent clean by 2040, subject to policy support and technology advancements.</p> <p>Operational Emissions Reduction Goal: We will reduce operations-driven emissions by 100 percent by 2040, subject to policy support and technology advancements. Any emissions that cannot be technologically reduced will be offset. In the interim, we will reduce carbon emissions by 65 percent, subject to policy support and technology advancements, by 2030. We also commit to reducing methane emissions by 30 percent from a 2020 baseline by 2030, aligning Constellation with the Global Methane Pledge.</p>

## C4.2

**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**

No other climate-related targets

## C4.3

**(C4.3) 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.**

No

## C4.3d

**(C4.3d) Why did you not have any emissions reduction initiatives active during the reporting year?**

Constellation did not exist as a separate independent company in 2021, as we were still part of Exelon Corporation that year. For information about our clean energy goals and strategy as an independent company, please see our inaugural 2022 Constellation Sustainability Report at [www.constellationenergy.com/csr](http://www.constellationenergy.com/csr).

As this is our first year as an independent company, we are still in the process of refining our sustainability strategy and programs. Therefore, we have opted to respond to this minimum version of this year's CDP Climate Change questionnaire. We plan to provide a more detailed response in 2023.

## C5. Emissions methodology

### C5.1

**(C5.1) Is this your first year of reporting emissions data to CDP?**

Yes

## C5.2

### (C5.2) Provide your base year and base year emissions.

#### Scope 1

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO<sub>2</sub>e)**

8,253,968

**Comment**

Does not include direct Biogenic CO<sub>2</sub> Emissions (309,120 metric tons CO<sub>2</sub>)

#### Scope 2 (location-based)

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO<sub>2</sub>e)**

408,980

**Comment**

#### Scope 2 (market-based)

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

94,399

**Comment**

In 2021, Constellation retired Emissions Free Energy Certificates (EFECs) from nuclear generation to cover 100 percent of our grid supplied electric use in the PJM market territory.

**Scope 3 category 1: Purchased goods and services**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 2: Capital goods**

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**Base year start**

**Base year end**



**Base year emissions (metric tons CO2e)**

**Comment**

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

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

24,065,916

**Comment**

This represents emissions associated with long-term power purchase agreements and spot market electricity purchases 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.

**Scope 3 category 4: Upstream transportation and distribution**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**



**Comment**

**Scope 3 category 5: Waste generated in operations**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 6: Business travel**

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

3,064

**Comment**





**Scope 3 category 7: Employee commuting**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 8: Upstream leased assets**

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

5,418

**Comment**

This represents GHG emissions from energy consumption in leased facilities where utilities are bundled in facility lease contracts.

**Scope 3 category 9: Downstream transportation and distribution**

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**Base year start**



**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 10: Processing of sold products**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 11: Use of sold products**

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

69,126,244



**Comment**

These emissions are related to the use of natural gas sold by our retail and wholesale organization.

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

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 13: Downstream leased assets**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 14: Franchises**

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**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 15: Investments**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3: Other (upstream)**

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**Base year start**

**Base year end**



**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3: Other (downstream)**

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**Base year start**

January 1, 2021

**Base year end**

December 31, 2021

**Base year emissions (metric tons CO2e)**

446,581

**Comment**

These emissions include 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.

**C5.3**

**(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.**

ISO 14064-1

The Climate Registry: Electric Power Sector (EPS) Protocol

The Climate Registry: General Reporting Protocol

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

US EPA Mandatory Greenhouse Gas Reporting Rule



## C6. Emissions data

### C6.1

**(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO<sub>2</sub>e?**

#### Reporting year

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**Gross global Scope 1 emissions (metric tons CO<sub>2</sub>e)**

8,253,968

**Start date**

January 1, 2021

**End date**

December 31, 2021

**Comment**

Does not include direct Biogenic CO<sub>2</sub> Emissions (309,120 metric tons CO<sub>2</sub>)

#### Past year 1

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**Gross global Scope 1 emissions (metric tons CO<sub>2</sub>e)**

8,004,108

**Start date**

January 1, 2020

**End date**

December 31, 2020

**Comment**



Does not include direct Biogenic CO2 Emissions (709,467 metric tons CO2)

**Past year 2**

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

8,866,569

**Start date**

January 1, 2019

**End date**

December 31, 2019

**Comment**

Does not include direct Biogenic CO2 Emissions (825,005 metric tons CO2)

## C6.2

**(C6.2) Describe your organization's approach to reporting Scope 2 emissions.**

**Row 1**

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**Scope 2, location-based**

We are reporting a Scope 2, location-based figure

**Scope 2, market-based**

We are reporting a Scope 2, market-based figure

**Comment**

In 2021, Constellation retired Emissions Free Energy Certificates (EFECs) from nuclear generation to cover 100 percent of our grid supplied electric use in the PJM market territory.

## C6.3

### (C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO<sub>2</sub>e?

#### Reporting year

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**Scope 2, location-based**

408,980

**Scope 2, market-based (if applicable)**

94,399

**Start date**

January 1, 2021

**End date**

December 31, 2021

**Comment**

#### Past year 1

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**Scope 2, location-based**

397,394

**Scope 2, market-based (if applicable)**

175,454

**Start date**

January 1, 2020

**End date**





December 31, 2020

**Comment**

**Past year 2**

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**Scope 2, location-based**

418,458

**Scope 2, market-based (if applicable)**

120,745

**Start date**

January 1, 2019

**End date**

December 31, 2019

**Comment**

## C6.5

**(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

**Purchased goods and services**

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**Evaluation status**

Relevant, not yet calculated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.



## Capital goods

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### Evaluation status

Relevant, not yet calculated

### Please explain

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

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

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### Evaluation status

Relevant, calculated

### Emissions in reporting year (metric tons CO<sub>2</sub>e)

24,065,916

### Emissions calculation methodology

Supplier-specific method

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

### Please explain

This represents emissions associated with long-term power purchase agreements and spot market electricity purchases 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 emissions do not include life cycle emissions of the fuels we use for generation. While we do not receive emissions data directly from those suppliers, we calculate the emissions using plant-specific factors as reported through eGrid, which gathers regulatory reporting data as submitted by those suppliers.

## Upstream transportation and distribution

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**Evaluation status**

Not evaluated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

**Waste generated in operations**

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**Evaluation status**

Relevant, not yet calculated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

**Business travel**

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**Evaluation status**

Relevant, calculated

**Emissions in reporting year (metric tons CO<sub>2</sub>e)**

3,064

**Emissions calculation methodology**

Distance-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

100

**Please explain**

Constellation receives summaries of our miles traveled by each mode of transportation from our business travel partners, and we apply EPA emission factors accordingly.

**Employee commuting**

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**Evaluation status**

Relevant, not yet calculated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

**Upstream leased assets**

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**Evaluation status**

Relevant, calculated

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

5,418

**Emissions calculation methodology**

Hybrid method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

28

**Please explain**

This represents GHG emissions from energy consumption in leased facilities where utilities are bundled in facility lease contracts. Where energy usage data is unavailable, we use leased square footage and average energy use intensity data from the Climate Registry on national average office buildings to calculate estimated energy usage.

**Downstream transportation and distribution**

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**Evaluation status**

Not evaluated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.



## Processing of sold products

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### Evaluation status

Not relevant, explanation provided

### Please explain

Constellation does not have any processing of sold products emissions that are not captured under its Scope 1 and Scope 2 inventory.

## Use of sold products

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### Evaluation status

Relevant, calculated

### Emissions in reporting year (metric tons CO<sub>2</sub>e)

69,126,244

### Emissions calculation methodology

Fuel-based method

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

### Please explain

These emissions are related to our customer's use of the natural gas sold by Constellation retail and wholesale organization to customers (and accounted for as our customers' Scope 1 emissions). Natural gas volume data is acquired from customer delivery bills.

## End of life treatment of sold products

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### Evaluation status

Not relevant, explanation provided

### Please explain

There is no end-of-life treatment required for of our primary products: wholesale and retail electricity and retail natural gas.



### **Downstream leased assets**

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**Evaluation status**

Not evaluated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

### **Franchises**

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**Evaluation status**

Not relevant, explanation provided

**Please explain**

Constellation did not have any applicable franchises in 2021.

### **Investments**

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**Evaluation status**

Not evaluated

**Please explain**

As this is our first year as a separate independent company, we are still in the process of refining our sustainability strategy and metrics.

### **Other (upstream)**

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**Evaluation status**

**Please explain**

### **Other (downstream)**

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**Evaluation status**

Relevant, calculated

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

446,581

**Emissions calculation methodology**

Fuel-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

100

**Please explain**

This includes 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.

**C6.5a**

**(C6.5a) Disclose or restate your Scope 3 emissions data for previous years.**

**Past year 1**

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**Start date**

January 1, 2020

**End date**

December 31, 2020

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

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



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

25,469,772

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

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

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

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

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

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

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

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

74,535,827

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

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





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

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

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

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

390,567

**Comment**

**Past year 2**

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**Start date**

January 1, 2019

**End date**

December 31, 2019

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

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

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

18,864,278

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



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

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

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

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

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

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

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

76,580,794

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

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

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

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

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

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

393,280

**Comment**

## **C6.10**

**(C6.10) 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.**

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**Intensity figure**

0.000425

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

8,348,367

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

19,649,000,000

**Scope 2 figure used**

Market-based



**% change from previous year**

**Direction of change**

**Reason for change**

## C7. Emissions breakdowns

### C7.9

**(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Increased

## C8. Energy

### C8.2

**(C8.2) 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)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No



Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

## C8.2a

**(C8.2a) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.**

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	HHV (higher heating value)	816,960	43,951,079	44,768,039
Consumption of purchased or acquired electricity		0	1,012,955	1,012,955
Consumption of self-generated non-fuel renewable energy		42,295		42,295
Total energy consumption		859,254	44,964,035	45,823,289

## C12. Engagement

### C12.1

**(C12.1) Do you engage with your value chain on climate-related issues?**

- Yes, our suppliers
- Yes, our customers/clients
- Yes, other partners in the value chain



## C12.2

**(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization’s purchasing process?**

Yes, suppliers have to meet climate-related requirements, but they are not included in our supplier contracts

## C16. Signoff

### C-FI

**(C-FI) 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.**

### C16.1

**(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.**

	Job title	Corresponding job category
Row 1	Chief Strategy Officer	Other C-Suite Officer