



Apple Inc.

2024 CDP Corporate Questionnaire

[Terms of disclosure for corporate questionnaire 2024 - CDP](#)

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C1. Introduction

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

Select from:

English

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

Select from:

USD

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

(1.3.2) Organization type

Select from:

Publicly traded organization

(1.3.3) Description of organization

Apple designs, manufactures and markets smartphones, personal computers, tablets, wearables and accessories, and sells a variety of related services. Our products include iPhone, Mac, iPad, AirPods, Apple Watch, and Apple Vision Pro. Our services include the App Store, Apple Music, Apple Pay, iCloud, and Apple TV. Our customers are primarily in the consumer, small and mid-sized business, education, enterprise and government markets. We sell our products and resell third-party products in most of our major markets directly to customers through our retail and online stores and our direct sales force. We also employ a variety of indirect distribution channels, such as third-party cellular network carriers, wholesalers, retailers and resellers. The Company's fiscal year is the 52 or 53-week period that ends on the last Saturday of September, with fiscal year 2023 beginning September 25, 2022 and ending on September 30, 2023. Apple has provided responses in this Questionnaire upon the request of the CDP signatory investors, RE100, and select customers. All such responses are provided solely on a non-reliance basis. Apple's responses may also contain forward-looking statements that involve risks and uncertainties. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Forward-looking statements are not guarantees of future performance and the Company's actual results may differ significantly from the results discussed in the forward-looking statements. Factors that might cause such differences include, but are not limited to, those discussed in the "Risk Factors" section of the Company's most recently filed periodic reports on Form 10-K and Form 10-Q and subsequent filings with the U.S. Securities and Exchange Commission. Apple assumes no obligation to revise or update any information included in this Questionnaire, which speaks only as of the date it is submitted.

[Fixed row]

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

	End date of reporting year	Alignment of this reporting period with your financial reporting period	Indicate if you are providing emissions data for past reporting years
	09/30/2023	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

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

383285000000

(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?

Our consolidated financial statements include the accounts of Apple Inc. and its wholly owned subsidiaries. We use an operational control approach for our reporting boundary.

[Fixed row]

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

	Does your organization use this unique identifier?	Provide your unique identifier
Ticker symbol	Select from: <input checked="" type="checkbox"/> Yes	AAPL

[Add row]

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

Select all that apply

- | | |
|--|---|
| <input checked="" type="checkbox"/> Chile | <input checked="" type="checkbox"/> Japan |
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Spain |
| <input checked="" type="checkbox"/> Egypt | <input checked="" type="checkbox"/> Brazil |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Canada |
| <input checked="" type="checkbox"/> Italy | <input checked="" type="checkbox"/> France |
| <input checked="" type="checkbox"/> Greece | <input checked="" type="checkbox"/> Sweden |
| <input checked="" type="checkbox"/> Israel | <input checked="" type="checkbox"/> Turkey |
| <input checked="" type="checkbox"/> Mexico | <input checked="" type="checkbox"/> Austria |
| <input checked="" type="checkbox"/> Norway | <input checked="" type="checkbox"/> Belgium |
| <input checked="" type="checkbox"/> Poland | <input checked="" type="checkbox"/> Czechia |
| <input checked="" type="checkbox"/> Denmark | <input checked="" type="checkbox"/> Nigeria |
| <input checked="" type="checkbox"/> Finland | <input checked="" type="checkbox"/> Romania |
| <input checked="" type="checkbox"/> Germany | <input checked="" type="checkbox"/> Ukraine |
| <input checked="" type="checkbox"/> Hungary | <input checked="" type="checkbox"/> Colombia |
| <input checked="" type="checkbox"/> Ireland | <input checked="" type="checkbox"/> Malaysia |
| <input checked="" type="checkbox"/> Portugal | <input checked="" type="checkbox"/> Lithuania |
| <input checked="" type="checkbox"/> Thailand | <input checked="" type="checkbox"/> Singapore |
| <input checked="" type="checkbox"/> Viet Nam | <input checked="" type="checkbox"/> Netherlands |

- Australia
- Indonesia
- Switzerland
- Saudi Arabia
- South Africa
- Taiwan, China
- Republic of Korea

- New Zealand
- Philippines
- Russian Federation
- Hong Kong SAR, China
- United Arab Emirates
- United States of America
- United Kingdom of Great Britain and Northern Ireland

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:

- Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply

- Upstream value chain
- Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:

- Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

- Tier 4+ suppliers

(1.24.7) Description of mapping process and coverage

Apple's global supply chain spans more than 50 countries and regions, with thousands of companies around the world contributing to the process of building our products and services. Our supply chain includes everything that goes into designing, manufacturing, delivering, supporting, and recycling Apple products, as well as the suppliers that support our Apple Store locations, our content and support services — including Apple One and AppleCare — and all of the other services and logistics that are part of our supply chain ecosystem. As we work to protect the planet and uphold the human rights of people throughout our supply chain, Apple is committed to setting the highest standards when it comes to responsibly sourcing the materials used in our products. For more information on our supply chain efforts, visit apple.com/supply-chain to view our Supplier List, Smelter and Refiner List, and our Progress Report.

[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

For environmental and climate-related initiatives, we consider short-term horizon to be between 0 to 1 year, medium-term between 1 to 10 years, and long term to be greater than 10 years. These timeframes help us best plan for risks and opportunities relating to climate change.

Medium-term

(2.1.1) From (years)

1

(2.1.3) To (years)

10

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

For environmental and climate-related initiatives, we consider medium-term horizon to be between 1 to 10 years.

Long-term

(2.1.1) From (years)

10

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

Select from:

No

(2.1.3) To (years)

30

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

For example, some of Apple's power purchase agreements are 25 -30 years.

[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: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both risks and opportunities	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

Row 1

(2.2.2.1) Environmental issue

Select all that apply

- Climate change

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

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain
- End of life management

(2.2.2.4) Coverage

Select from:

- Partial

(2.2.2.5) Supplier tiers covered

Select all that apply

- Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

- Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

- 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
- Local
- Sub-national
- National
- Not location specific

(2.2.2.12) Tools and methods used

International methodologies and standards

- Environmental Impact Assessment
- IPCC Climate Change Projections
- Life Cycle Assessment

Databases

- Nation-specific databases, tools, or standards

Other

- Desk-based research
- External consultants
- Partner and stakeholder consultation/analysis
- Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

- Cyclones, hurricanes, typhoons

- Drought
- Flood (coastal, fluvial, pluvial, ground water)
- Wildfires

Chronic physical

- Increased severity of extreme weather events
- Water availability at a basin/catchment level
- Water stress
- Water quality at a basin/catchment level

Policy

- Changes to international law and bilateral agreements
- Changes to national legislation
- Lack of mature certification and sustainability standards
- Poor coordination between regulatory bodies

Market

- Availability and/or increased cost of certified sustainable material
- Availability and/or increased cost of raw materials
- Changing customer behavior

Reputation

- Impact on human health
- Increased partner and stakeholder concern and partner and stakeholder negative feedback

Technology

- Dependency on water-intensive energy sources
- Transition to lower emissions technology and products

Liability

- Exposure to litigation
- Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply

- NGOs
- Customers
- Employees
- Investors
- Suppliers
- Regulators
- Local communities

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

Select from:

- No

(2.2.2.16) Further details of process

Climate-related risks and opportunities for Apple are identified and assessed on an ongoing basis, as part of Apple's broader environmental strategy. Apple believes it has a responsibility to reduce its impact on climate change. Apple announced that it has a goal of becoming carbon neutral for its operations as well as the entire product lifecycle beginning with the fiscal year 2030 carbon footprint. This presents a tremendous opportunity for Apple to continue to demonstrate meaningful leadership on climate. To reach this goal, Apple has adopted a broad climate strategy that was developed by a cross-functional working group of teams across the company that meets multiple times each year to discuss risks and opportunities. For regulatory transition risks that could occur within Apple's direct operations, as well as upstream and downstream value chain, for example, Apple has global governmental affairs and environmental teams that work cross-functionally to monitor climate-related policies (like those relating to carbon pricing or renewable energy) at different stages of development and that could therefore occur over the short-, medium, and long-term. The significance of these policies is determined by their alignment to our strategic climate goals, such as whether a policy would enable or prevent market access to renewable energy. When teams consider that a proposed policy or regulation could affect our strategic goals and priorities, the proposed policy or regulation is escalated within the Company. Key actions taken in response to environmental, energy, and climate policy changes are coordinated through the Vice President of Environment, Policy and Social Initiatives. Apple continually identifies potential policy or regulatory changes that raise concerns or present opportunities relating to advancing our climate strategy and consider advocating accordingly.

[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

Assessment of environmental dependencies, impacts, risks, and opportunities are identified and assessed on an ongoing basis. For example, interconnections are assessed for our water strategy based on local conditions where we and our suppliers operate. We collect and analyze data and site-level feedback to make sure we understand our water impacts. We use tools like the World Resources Institute (WRI) Aqueduct Water Risk Atlas to gain insights on local watershed health, such as baseline water stress. We've developed a water footprint to understand how we use water across our value chain — in our own operations, our services, and our manufacturing supply chain. Through our water footprint efforts, we've identified that 70 percent of our corporate water use occurs in areas with high or extreme basin stress, and that the majority of our water-related impact is in the manufacturing supply chain. We use these insights to inform our water program priorities. And we work directly with our suppliers to ensure that they have robust policies, are managing their wastewater systems efficiently, and are reducing their overall consumption by reusing wastewater. We partner with over 240 supplier facilities to guide them toward world-class water conservation and management.
[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

(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

(2.4.7) Application of definition

At Apple, we're committed to managing regulatory, reputational, and market risks and opportunities related to climate change and our management team has implemented and supervises day to day risk management processes and reports to the Board on significant matters. As disclosed in the Risk Factors section of our Form 10-K for our fiscal year ended September 30, 2023, global climate change is resulting in certain types of natural disasters occurring more frequently or with

more intense effects. Such events can make it difficult or impossible for the Company to manufacture and deliver products to its customers, create delays and inefficiencies in the Company's supply and manufacturing chain, and result in slowdowns and outages to the Company's service offerings. Following an interruption to its business, the Company can require substantial recovery time, experience significant expenditures to resume operations, and lose significant sales. Because the Company relies on single or limited sources for the supply and manufacture of many critical components, a business interruption affecting such sources would exacerbate any negative consequences to the Company.

Opportunities

(2.4.1) Type of definition

Select all that apply

- Qualitative

(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

(2.4.7) Application of definition

At Apple, we're committed to managing regulatory, reputational, and market risks and opportunities related to climate change and our management team has implemented and supervises day to day risk management processes and reports to the Board on significant matters. As disclosed in the Risk Factors section of our Form 10-K for our fiscal year ended September 30, 2023, global climate change is resulting in certain types of natural disasters occurring more frequently or with more intense effects. Such events can make it difficult or impossible for the Company to manufacture and deliver products to its customers, create delays and inefficiencies in the Company's supply and manufacturing chain, and result in slowdowns and outages to the Company's service offerings. Following an interruption to its business, the Company can require substantial recovery time, experience significant expenditures to resume operations, and lose significant sales. Because the Company relies on single or limited sources for the supply and manufacture of many critical components, a business interruption affecting such sources would exacerbate any negative consequences to the Company.

[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:

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

We've made significant progress by cutting emissions across our value chain by more than 55 percent since 2015. This started with our transition to sourcing 100 percent renewable electricity at our offices, retail stores, and data centers, which we achieved in 2018. And in 2020, we achieved carbon neutrality for our corporate emissions. Note: Corporate emissions include scope 1 and scope 2 emissions from Apple retail stores, corporate offices, Apple-owned and colocated data centers, and Apple-produced digital content for Apple One services, as well as scope 3 emissions associated with business travel, employee commute, work from home, upstream impacts from scope 1 fuels, and use of third-party cloud services.

[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:

No, and we do not anticipate being regulated in the next three years

(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:

No

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

Select from:

Opportunities exist, but none anticipated to have a substantive effect on organization

(3.6.3) Please explain

We've made significant progress by cutting emissions across our value chain by more than 55 percent since 2015. This started with our transition to sourcing 100 percent renewable electricity at our offices, retail stores, and data centers, which we achieved in 2018. And in 2020, we achieved carbon neutrality for our corporate emissions. Note: Corporate emissions include scope 1 and scope 2 emissions from Apple retail stores, corporate offices, Apple-owned and colocated data centers, and Apple-produced digital content for Apple One services, as well as scope 3 emissions associated with business travel, employee commute, work from home, upstream impacts from scope 1 fuels, and use of third-party cloud services.

[Fixed 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:

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

In evaluating potential nominees to the Board, the Nominating Committee considers, among other things: independence, character, ability to exercise sound judgment, demonstrated leadership, ability and willingness to commit sufficient time to the Board, and relevant skills and experience in the context of the Board's evolving needs. The Nominating Committee also considers the diversity of the Board overall with respect to age, disability, gender identity or expression, ethnicity, military veteran status, national origin, race, religion, sexual orientation, and other backgrounds and experiences. The Nominating Committee is committed to actively seeking out and will instruct any search firm it engages to identify, individuals who will contribute to the overall diversity of the Board to be included in the pool of candidates from which nominees to the Board are selected.

[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: <input checked="" type="checkbox"/> 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-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

Other policy applicable to the board, please specify :Nominating Committee Charter

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

Select from:

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

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

Select all that apply

- Monitoring progress towards corporate targets
- Monitoring the implementation of a climate transition plan
- Monitoring the implementation of the business strategy
- Approving and/or overseeing employee incentives

(4.1.2.7) Please explain

Apple's Board of Directors reviews and discusses updates on environmental matters with Apple's Vice President of Environment, Policy and Social Initiatives who is responsible for the development, review, and execution of plans designed to minimize Apple's impact on the environment. These reports include updates on Apple's progress towards environmental and climate goals and the environmental impact of our products and operations. In 2022, the Board formalized the Nominating and Corporate Governance Committee's oversight of Apple's strategies, policies, and practices relating to environmental and social matters. Apple's Audit and Finance Committee is responsible for reviewing and approving any offerings of the Company's debt securities, and taking all actions in furtherance of such transactions, including the appointment of a management pricing committee to determine and approve the specific timing, terms and conditions of any debt offerings. In November 2019, the management pricing committee appointed by the Audit and Finance Committee proceeded with a 2 billion (approximately 2.2 billion) offering of two series of green bonds dedicated to global initiatives that address Apple's carbon footprint. On an annual basis, management reports to the Audit and Finance Committee on the allocation of Apple's green bond proceeds to eligible environmental projects as reflected in the Company's Annual Green Bond Impact Reports. The Board's Compensation Committee has oversight of the design and administration of compensation programs and policies, including Apple's executive compensation. As part of their efforts, beginning in 2021, the Compensation Committee amended the annual cash incentive program for executives to include a modifier as a measure to evaluate the actions taken during the year to advance our Apple values, including our environmental programs, and key community initiatives, and reflect our commitment to promoting values-driven leadership, including environmental programs.

[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

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

(4.2.3) Environmental expertise of the board member

Experience

Executive-level experience in a role focused on environmental issues

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

Active member of an environmental committee or organization

[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: <input checked="" type="checkbox"/> 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 Sustainability Officer (CSO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets
- Setting corporate environmental targets

Strategy and financial planning

- Implementing a climate transition plan environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues
- Conducting environmental scenario analysis
- Managing annual budgets related to environmental issues
- Managing environmental reporting, audit, and verification processes
- Managing acquisitions, mergers, and divestitures related to environmental issues

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

Annually

(4.3.1.6) Please explain

Lisa Jackson is Apple's Vice President of Environment, Policy and Social Initiatives. Her responsibilities include those of a Chief Sustainability Officer and she reports directly to Apple's CEO, Tim Cook. Lisa Jackson, who previously was the Administrator of the U.S. Environmental Protection Agency from 2009 to 2013, oversees Apple's environmental program, including climate-related activities, as well as social initiatives and Apple's global Government Affairs team. Reporting directly to Apple's CEO, Tim Cook, Ms. Jackson is the most senior individual below the Board with direct oversight of climate-related activities. In this capacity, Ms. Jackson briefs the Board on Apple's environmental strategy, programs, initiatives, and progress, while also addressing a variety of other environment and social issues. These briefings are scheduled annually and as important matters arise. Ms. Jackson has established a centralized environment team that works with senior leaders and their teams across Apple (such as Industrial Design, Product Design, Operations, Energy, and Hardware Engineering, among others) to set environmental strategy, monitor progress, engage external stakeholders, including non-governmental organizations (NGOs) and policymakers, and communicate progress on environmental issues. Strategy is set by leveraging Apple's comprehensive carbon footprint (CCF), which quantifies the lifecycle impacts of Apple's products, as well as facilities. The CCF identifies areas to focus Apple's emissions reduction efforts. In 2020, Apple, with the approval of Company leadership, announced an ambitious plan to reach net zero emissions beginning with our fiscal year 2030 footprint. This goal includes an emissions reduction target of 75 percent compared to 2015, with investment in carbon removal projects to address the remaining 25 percent of unavoidable emissions.

[Add row]

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

Climate change

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

Select from:

Yes

(4.5.3) Please explain

Lisa Jackson is Apple's Vice President of Environment, Policy and Social Initiatives and one of twenty senior executive members of Apple. In this capacity, her responsibilities include those of a Chief Sustainability Officer for Apple, reporting directly to Apple's CEO, Tim Cook. She is expected to advance Apple's

environmental and social initiatives. Her annual performance and merit review consider Apple's success in these areas, including progress towards our 2030 goal, reduction in absolute emissions, and implementation of emissions reductions initiatives, such as increased engagement with suppliers. This such merit review is considered in connection with the grant of discretionary awards to Ms. Jackson including discretionary bonuses and restricted stock units.
[Fixed row]

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

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- Chief Sustainability Officer (CSO)

(4.5.1.2) Incentives

Select all that apply

- Salary increase
- Other, please specify :Discretionary bonuses and restricted stock units

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets

Strategy and financial planning

- Achievement of climate transition plan

Emission reduction

- Implementation of an emissions reduction initiative
- Reduction in absolute emissions

Engagement

- Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

- Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Lisa Jackson is Apple's Vice President of Environment, Policy and Social Initiatives. In this capacity, her responsibilities include those of a Chief Sustainability Officer for Apple, reporting directly to Apple's CEO, Tim Cook. She is expected to advance Apple's environmental and social initiatives. Her annual performance and merit review consider Apple's success in these areas, including progress towards our 2030 goal, reduction in absolute emissions, and implementation of emissions reductions initiatives, such as increased engagement with suppliers. This such merit review is considered in connection with the grant of discretionary awards to Ms. Jackson including discretionary bonuses and restricted stock units.

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

This compensation is intended to incentivize actions to advance our 2030 goal. Our plan to reach carbon neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our fiscal year 2015 carbon footprint. We plan to invest in high-quality carbon removal projects to address the remaining emissions, prioritizing nature-based solutions. And by focusing on emissions reduction, we're tackling the transformative work of making low-carbon products.
[Add row]

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

	Does your organization have any environmental policies?
	Select from:

	Does your organization have any environmental policies?
	<input checked="" type="checkbox"/> Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

Climate change

(4.6.1.2) Level of coverage

Select from:

Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

Direct operations

Upstream value chain

(4.6.1.4) Explain the coverage

Decarbonizing our supply chain is essential to achieving Apple 2030. We've focused on innovative approaches to significantly expand renewable energy across our supply chain and manufacture our products with recycled and renewable materials. Apple's global supply chain spans more than 50 countries and regions, and includes everything that goes into designing, manufacturing, delivering, supporting, and recycling Apple products, as well as the suppliers that support our Apple

Store locations, our content and support services and all of the other services and logistics that are part of our supply chain ecosystem. Our standards apply globally, and we work closely with experts across Apple to rigorously evaluate and update our requirements every year to reflect emerging risks, legal requirements, and industry best practices. We engage with supplier employees, civil society organizations, academic experts, and program partners to ensure our requirements reflect the needs of the people working across our supply chain and the most current and robust international labor and human rights, health and safety, and environmental standards. We regularly communicate our policies and requirements so that everyone who works with us is aware of our expectations and how seriously we take them. For more information on our supply chain efforts, visit apple.com/supply-chain to view our Supplier List, Smelter and Refiner List, and our Progress Report.

(4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to comply with regulations and mandatory standards
- Commitment to take environmental action beyond regulatory compliance
- Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

- Commitment to 100% renewable energy

Additional references/Descriptions

- Description of grievance/whistleblower mechanism to monitor non-compliance with the environmental policy and raise/address/escalate any other greenwashing concerns

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

Select all that apply

- Yes, in line with the Paris Agreement

(4.6.1.7) Public availability

Select from:

- Publicly available

(4.6.1.8) Attach the policy

Apple EHS Policy & Supplier Code of Conduct.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

- Ceres
- RE100
- The B Team
- We Are Still In
- We Mean Business
- World Business Council for Sustainable Development (WBCSD)
- Other, please specify :**Asia Clean Energy Coalition (ACEC)**
- Race to Zero Campaign
- Exponential Roadmap Initiative
- Japan Climate Leaders' Partnership (JCLP)
- Science-Based Targets Initiative (SBTi)
- Ellen MacArthur Foundation Global Commitment

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

Apple is committed to achieving clear impact across our environmental goals — and beyond our footprint as a company. This is urgent work that we can't do without others. This means working with our partners, learning from their feedback, and providing support where we can make a difference. We aim to effect positive change within and beyond our operations and supply chain. And we respond to the world around us by looking for opportunities where our leadership can impact policies, industries, and communities in a transformative way.

[Fixed row]

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

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

Select all that apply

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

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

Select from:

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

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

Select all that apply

- Paris Agreement

(4.11.4) Attach commitment or position statement

Apple_Environmental_Progress_Report_2024 (1).pdf

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

Select from:

- Yes

(4.11.6) Types of transparency register your organization is registered on

Select all that apply

- Mandatory government register

(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization

One example of a transparency register in which Apple is registered is the EU Transparency Register (number: 588327811384-96) which is required for organizations who seek to influence policy in EU institutions. Our response to 4.11.7 has been limited solely to meet CDP's Online Reporting System (ORS) system character constraints. For more information on our external engagement, visit Apple's Public Policy site: <https://www.apple.com/public-policy-advocacy/>.

(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

Apple's Vice President of Environment, Policy and Social Initiatives, Lisa Jackson, oversees Apple's worldwide governmental affairs team to ensure alignment of policy influencing activities with our climate change strategy. Ms. Jackson reviews all significant legislative, public policy, and communications initiatives related to climate and environment, as well as all substantive participation requests for environmental advocacy. Apple believes that its clear and forceful position on climate action—through direct communications to employees and the broader public from both Ms. Jackson and Apple's CEO Tim Cook—leaves no ambiguity among its policy teams about Apple's stance on climate change. This clear direction from leadership also enables a unified approach to climate action regardless of employees' geographic location or business division. Apple works with various groups to drive U.S. state, federal, and foreign-government policies that support climate action, such as increased access to renewable energy. When deciding whether to join or maintain membership in a trade association, that trade association's position and activity on climate change is a factor Apple considers. If direct or indirect engagement activities become inconsistent with our overall climate change strategy, we may disengage. For example, in 2009, Apple resigned its membership at the U.S. Chamber of Commerce directly as a result of the Chamber's public statements opposing the regulation of GHG emissions and its opposition to climate change legislation.

[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

Japan RE Policies

(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

- 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

- Japan

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

Select from:

- Support with no exceptions

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

Select all that apply

- Ad-hoc meetings

(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

There are several areas mentioned, and the overall goal is to increase RE supply and decrease emissions in Japan. The policies, if improved, will help suppliers access more RE, that is more cost-competitive. This supports efforts for the supply chain to transition to 100% RE, in line with Apple's carbon neutrality plan.

(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:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 2

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

Viet Nam Direct Power Purchase Pilot

(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

Viet Nam

(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

In Viet Nam, we advocated for government action to enable companies to purchase renewable energy. We are part of Asia Clean Energy Coalition, which also supports launch of DPPA in Viet Nam, and we are part of US ASEAN Business Council, where we have encouraged the association to take a position more in line with Viet Nam's net zero commitment. We support a design that takes into account interest of all parties, setting a transparent pricing mechanism that is cost competitive.

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

Select all that apply

- Ad-hoc meetings

(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

While this pilot scheme is not central to the achievement of our carbon neutrality plan by fiscal year 2030, it does support our plan by creating necessary mechanisms -- enabling the transition to 100 percent renewable energy. Without such a mechanism, it could be difficult for suppliers to procure renewables in Vietnam.

(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:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement

Row 3

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

Korea Green premium, PPA rules

(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

Republic of Korea

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

Select from:

Support with no exceptions

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

Select all that apply

Ad-hoc meetings

(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

While this policy is not central to the achievement of our carbon neutrality goal by fiscal year 2030, this policy supports our goal through the accelerated implementation of cost-effective procurement mechanisms in the Republic of Korea, reducing difficulty for our suppliers in the procurement of 100 percent renewable energy.

(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:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 4

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

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal (Basel Convention)

(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

Low-impact production and innovation

Circular economy

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

Select from:

- Global

(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

Support improvements to the Basel Convention that maintain critical environmental and community protections while enabling the more efficient global movement of material for recycling to best in class facilities.

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

Select all that apply

- Ad-hoc meetings
- Discussion in public forums

(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

Using more recycled content helps minimize the overall resource footprint supporting our products, which helps achieve our carbon neutrality goals. The Basel Convention plays an important role in enabling more material recycling and more recycled material in the supply chain.

(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:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 5

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

Transmission Interconnection Updates

(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

Electricity grid access for renewables

(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 no exceptions

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

Select all that apply

Ad-hoc meetings

(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

While this policy is not central to the achievement of our carbon neutrality goal by fiscal year 2030, this policy supports our goal by improving the time it takes to connect renewable energy to the grid, thus accelerating grid decarbonization overall.

(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:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 6

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

Paris Agreement

(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

Other

- International agreement related to climate change mitigation

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

Select from:

- Global

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

Select from:

- Support with no exceptions

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

Select all that apply

- Ad-hoc meetings
- Discussion in public forums

(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

While no singular policy, law, or regulation is central to the achievement of our plan, the Paris Agreement aligns to our commitment to achieving carbon neutrality across our entire carbon footprint by 2030 — reducing emissions by 75 percent compared with 2015 and balancing the residual emissions with high-quality carbon removal.

(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:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 7

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

Support for California's Climate Corporate Data Accountability 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

Transparency and due diligence

Corporate environmental reporting

(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 no exceptions

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

Select all that apply

- Discussion in public forums
- Other, please specify :Sent a public letter of support

(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

Modeling and disclosing GHG emissions is a critical first step to reducing emissions. We have long supported mandatory corporate emissions disclosure so that stakeholders can understand and compare the climate impact of companies.

(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:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement

Row 8

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

Support for tripling global renewable energy capacity by 2030

(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

Electricity grid access for renewables

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

Select from:

Global

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

Select from:

Support with no exceptions

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

Select all that apply

Other, please specify :Signed letter with Global Renewables Alliance

(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

Apple has long supported rapid scale of renewable electricity to decarbonize the electricity grid.

(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:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Row 9

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

Support for EPA regulations to limit GHG emissions from existing coal and natural gas plants and new natural gas plants

(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

Although we are not the regulated entity, we realize that the future needs to be renewable and therefore decided to support the Biden administration's proposal to reduce emissions from coal and natural gas-fired plants. We did not get into the details of the proposal.

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

Select all that apply

- Other, please specify :Submitted official comments

(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

Apple has long supported rapid scale of renewable electricity for decarbonization. Reduction of emissions from fossil fuels also plays an important role.

(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:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement

[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

Advanced Energy United

(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

AEU is an association of businesses working to make energy secure, clean, and affordable by educating, engaging, and advocating for policies that allow its member companies to compete to repower our economy with 100% clean energy. Its mission is to accelerate the transition to 100% clean energy in the United States, and strives to achieve this goal by working with decision makers at every level of government as well as regulators of energy markets. Advanced Energy United encompasses a broad range of products and services that constitute the best available technologies to meet energy needs today and tomorrow—these include energy efficiency, demand response, natural gas electric generation, solar, wind, hydro, nuclear, electric vehicles, biofuels, and smart grid. AEU’s vision is of a prosperous world that runs on secure, clean, affordable energy. For more information, please visit advancedenergyunited.org/about

(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 2

(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 :American Council for Energy-Efficient Economy (ACEEE)

(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

The ACEEE is a nonprofit research organization, that develops transformative policies to reduce energy waste and combat climate change. With independent analysis, ACEEE aims to build a vibrant and equitable economy - one that uses energy more productively, reduces costs, protects the environment, and promotes the health, safety, and well-being of everyone.

(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 3

(4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

(4.11.2.4) Trade association

Asia and Pacific

- Other trade association in Asia and Pacific, please specify :Japan Climate Leadership Partners (JCLP)

(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

JCLP advocates that companies should work aggressively to decarbonize their operations, and should speak up on climate policy. It is a coalition of Japanese companies, and companies that do business in Japan. For more information, please visit <https://japan-clp.jp/en>

(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 4

(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 :Information Technology Industry Council)

(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

The Information Technology Industry Council (ITI) has a clear position supporting innovation leading to increased energy efficiency and the promotion of clean, renewable energy sources, as indicated on their website (<https://www.itic.org/policy/energy>): "ITI and our members seek to continuously improve the energy efficiency landscape in the U.S. and globally to leverage energy-efficient technologies. ITI works on behalf of our member companies to advocate for policies that advance both intelligent efficiency and product efficiency..." On energy efficiency, ITI unites the tech sector and the NGO community to advance policies that drive sustainable economic growth through technology-enabled energy and product efficiency innovation. ITI works proactively with the Environmental Protection Agency as an active partner in and advisor to the ENERGY STAR program.

(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 5

(4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

- Other trade association in Europe, please specify :DigitalEurope

(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

DIGITALEUROPE is convinced that digital technologies are key enablers for attaining the sustainability goals of the European Green Deal and contributing to the Paris Agreement and United Nations Sustainable Development Goals (SDGs).

(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 6

(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 :Clean Energy Buyers Association

(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

CEBA is a membership association for energy customers seeking to procure clean energy across the U.S. CEBA's aspiration is to achieve a 90% carbon-free U.S. electricity system by 2030 and to cultivate a global community of energy customers driving clean energy.

(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 a trade association

(4.11.2.4) Trade association

Europe

Other trade association in Europe, please specify :AmCham EU

(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

Amcham EU represent companies that are already researching, developing and investing in low-carbon solutions and technologies. Amcham EU has advocated for a stable and predictable framework for investments to encourage and sustain these efforts. Amcham EU believes the Paris Agreement provides clear goals as well as a balanced and cost-efficient approach to reducing emissions.

(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 8

(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 :Business Roundtable

(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 attempted to influence them but they did not change 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

Business Roundtable is an association of chief executive officers of America's leading companies working to promote a thriving US economy and expanded opportunity for all Americans through sound public policy. Business Roundtable believes corporations should lead by example, support sound public policies and drive innovation needed to address climate change. Apple actively engages with BRT staff and tries to influence the positions that the trade association takes so that they are more aligned with Apple's position on climate change.

(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

[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

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change

(4.12.1.4) Status of the publication

Select from:

- Complete

(4.12.1.5) Content elements

Select all that apply

- Governance
- Strategy
- Emissions figures
- Emission targets

(4.12.1.6) Page/section reference

Pages 10-15, 20-25, 31-33

(4.12.1.7) Attach the relevant publication

Apple Proxy 2024.pdf

Row 2

(4.12.1.1) Publication

Select from:

In mainstream reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

Climate change

(4.12.1.4) Status of the publication

Select from:

Complete

(4.12.1.5) Content elements

Select all that apply

Risks & Opportunities

(4.12.1.6) Page/section reference

Pages 7-8, 13

(4.12.1.7) Attach the relevant publication

Apple 10-K FY23.pdf

Row 3

(4.12.1.1) Publication

Select from:

In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change

(4.12.1.4) Status of the publication

Select from:

- Complete

(4.12.1.5) Content elements

Select all that apply

- Strategy
- Governance
- Emission targets
- Emissions figures
- Risks & Opportunities
- Value chain engagement
- Dependencies & Impacts
- Public policy engagement

(4.12.1.6) Page/section reference

All

(4.12.1.7) Attach the relevant publication

Apple_Environmental_Progress_Report_2024.pdf

Row 4

(4.12.1.1) Publication

Select from:

- In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change

(4.12.1.4) Status of the publication

Select from:

- Complete

(4.12.1.5) Content elements

Select all that apply

- Strategy
- Value chain engagement
- Emissions figures
- Emission targets

(4.12.1.6) Page/section reference

All

(4.12.1.7) Attach the relevant publication

iPhone_16_Pro_and_iPhone_16_Pro_Max_PER_Sept2024.pdf

(4.12.1.8) Comment

We publish product environmental reports at the launch of each product. These includes the carbon footprint of the product, as well as descriptions of other environmental features of the product. These are available on our environmental website: <https://www.apple.com/environment>

Row 5

(4.12.1.1) Publication

Select from:

- In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

Climate change

(4.12.1.4) Status of the publication

Select from:

Complete

(4.12.1.5) Content elements

Select all that apply

Governance

Dependencies & Impacts

Risks & Opportunities

Strategy

(4.12.1.6) Page/section reference

Pages 155-183, 191-210

(4.12.1.7) Attach the relevant publication

Apple-Supplier-Code-of-Conduct-and-Supplier-Responsibility-Standards.pdf

[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

Yes

(5.1.2) Frequency of analysis

Select from:

Not defined

[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 8.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

No SSP used

(5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical

(5.1.1.6) Temperature alignment of scenario

Select from:

- 2.0°C - 2.4°C

(5.1.1.7) Reference year

2019

(5.1.1.8) Timeframes covered

Select all that apply

- 2025
- 2030
- 2040

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

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

Finance and insurance

- Cost of capital

Regulators, legal and policy regimes

- Global regulation

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

In alignment with the recommendations of the Task Force for Climate-related Financial Disclosure (TCFD), in fiscal year 2020 we conducted a climate-related scenario analysis to gain insight into Apple's exposure to climate change and the impact of climate change on our operations and supply chain. The scenario analysis was part of a larger body of internal assessments on the physical and transition impacts of climate change on our business. The analysis incorporated multiple timeframes (short- and mid-term), extending through 2040 to account for the expected lifespan of major facilities. This timeframe also allowed us to capture divergence in the climate models. The analysis considered physical and transition risks to our global facilities (offices, retail stores, and data centers) as well as our top 200 suppliers for fiscal year 2020 by direct spend.

(5.1.1.11) Rationale for choice of scenario

To assess physical risks, we used two scenarios that capture a broad range of future climate projections: a below 2 scenario (RCP 2.6) and a business-as-usual scenario (RCP 8.5). We then used global climate models from the intercomparison project (CMIP5) that corresponded to these representative concentration pathways. We considered changes over time in three key hazards: heatwaves, heavy precipitation, and drought. We also undertook additional analyses to understand potential future changes in the frequency and intensity of tropical cyclones. Inputs included the geographic location and activities performed at facilities.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

- IEA SDS

(5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy

(5.1.1.6) Temperature alignment of scenario

Select from:

- 1.6°C - 1.9°C

(5.1.1.7) Reference year

2019

(5.1.1.8) Timeframes covered

Select all that apply

- 2025
- 2030
- 2040

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

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

Finance and insurance

- Cost of capital

Regulators, legal and policy regimes

- Global regulation

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

In alignment with the recommendations of the Task Force for Climate-related Financial Disclosure (TCFD), in fiscal year 2020 we conducted a comprehensive climate-related scenario analysis to gain insight into Apple's exposure to climate change and the impact of climate change on its operations and supply chain. The scenario analysis was part of a larger body of internal assessments on the physical and transition impacts of climate change on our business. The analysis incorporated multiple timeframes (short- and mid-term), extending through 2040 to account for the expected lifespan of major facilities. This timeframe also allowed us to capture divergence in the climate models. The analysis considered transition risks to our global facilities (offices, retail stores, and data centers) as well as our top 200 suppliers by direct spend.

(5.1.1.11) Rationale for choice of scenario

To assess transition risks, we leveraged the IEA's 'Sustainable Development Scenario' (SDS) as well as a range of carbon prices from the IPCC's special report on global warming of 1.5°C.

[Add row]

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

Climate change

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

Select all that apply

- Risk and opportunities identification, assessment and management
- Strategy and financial planning
- Resilience of business model and strategy
- Capacity building
- Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

Organization-wide

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

The results of the scenario analysis contributed to a larger body of internal assessments on the physical and transition impacts of climate change on our business. These assessments provide insights and help inform our environmental strategy and goals, including our use of 100 percent renewable electricity for our own corporate offices (including major campuses like those in Cupertino, CA, Austin, TX, Cork, Ireland), retail stores and Apple's eight data centers, and our goal to transition our entire supply chain to 100 percent renewable electricity by fiscal year 2030. For example, the transition scenario modeled potential future carbon pricing and the results highlighted the potential reduced impact on our business due to our commitment to maintain the use of 100 renewable electricity at all of our facilities globally — including data centers, retail stores, and corporate offices. The results of the scenario analysis reinforced our commitment to use 100 percent renewable electricity at our facilities, a milestone we achieved in 2018, as well as our commitment to reduce our comprehensive emissions by fiscal year 2030, including those related to products, by 75 percent compared to 2015. Examples of actions we've taken include our public support for the Clean Power Plan in the United States, our goal to transition all of the electricity used to manufacture our hardware products to 100 percent renewable energy, expansion in planning to consider the effects of 200- to 500-year flood events / floodplains (using best available data), and prioritizing water efficiency and mitigation initiatives in areas of high water risk and stress. For example, we've prioritized water efficiency and re-use efforts at our new Austin, Texas facility due in part to data from analyses including the scenario analysis, which flagged potential future susceptibility to drought and heatwaves that could impact water availability. Most importantly, the results of the scenario analysis reinforced our commitment to reach carbon neutrality for the entire life cycle of our products by fiscal year 2030, and to reduce emissions by 75 percent compared to 2015.

[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

Apple's 2024 Environmental Progress Report details our plan for reaching carbon neutrality by fiscal year 2030 for the life cycle of our products. We've committed to achieving carbon neutrality across our entire value chain by fiscal year 2030 — reducing emissions by 75 percent compared with 2015 and balancing the residual emissions with high-quality carbon removal. This goal is more aggressive than the recommendation for global carbon neutrality by the Intergovernmental Panel on Climate Change by 20 years. Our plan for carbon neutrality involves working within our current business model to incorporate solutions to decarbonize our products. As detailed in our 2024 Environmental Progress Report, these solutions include sourcing recycled or renewable materials for our products, abating direct emissions (where possible), deploying energy efficiency initiatives at our facilities as well as in our supply chain, and transitioning our supply chain to 100 percent renewable electricity. We believe these actions are necessary to do our part to align with a world in which the global average temperature is allowed to rise by no more than 1.5C above pre-industrial levels.

(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 shareholders and other stakeholders throughout the year to learn their perspectives on significant issues. This engagement helps us better understand shareholder priorities and perspectives, gives us an opportunity to elaborate upon our initiatives with Apple subject matter experts, and fosters constructive dialogue with our community of shareholders. The Board and our management teams carefully consider the feedback from these meetings as well as shareholder support and feedback at our annual meetings, when reviewing our business practices, corporate governance framework, and executive compensation program.

(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 plan to reach carbon neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our fiscal year 2015 carbon footprint. Our plan for reaching these goals is comprised of four pillars — the first three are aimed at reducing emissions, whereas the fourth (carbon removal) seeks

to remove the remaining 25 percent carbon emissions that are difficult to avoid, like air travel. Pillar #1: Design & Materials: Designing products and manufacturing processes to be less carbon intensive through thoughtful material selection, increased material efficiency, greater product energy efficiency, the use of recycled and renewable materials in our products and packaging, and enhanced material recovery. Pillar #2: Electricity: Increasing energy efficiency at our facilities and in our supply chain, and transitioning the electricity in our entire product value chain — including manufacturing and our customers' product use — to 100 percent clean electricity by 2030. Pillar #3: Direct emissions: Reducing direct greenhouse gas emissions in our facilities and our supply chain through process innovation, emissions abatement, and shifting away from fossil fuels. Pillar #4: Carbon removal: In parallel with our emissions reduction efforts, scaling up investments in carbon removal projects, including nature-based solutions that protect and restore ecosystems around the world.

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

As of fiscal year 2023, we've reduced our gross carbon footprint by more than 55 percent compared to fiscal year 2015.

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

Apple_Environmental_Progress_Report_2024.pdf,Apple_Environmental_Progress_Report_2024.pdf

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

Select all that apply

No other environmental issue considered

[Fixed row]

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

	<p>Identification of spending/revenue that is aligned with your organization's climate transition</p>
	<p>Select from: <input checked="" type="checkbox"/> No, and we do not plan to in the next two years</p>

[Fixed row]

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

(5.10.1) Use of internal pricing of environmental externalities

Select from:

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

(5.10.3) Primary reason for not pricing environmental externalities

Select from:

Not an immediate strategic priority

(5.10.4) Explain why your organization does not price environmental externalities

Our journey to our 2030 carbon neutrality goal for our entire carbon footprint is focused on first reducing our scope 1, 2, and 3 greenhouse gas emissions by 75 percent compared with 2015, and investing in high-quality carbon removal solutions for the remaining emissions.

[Fixed 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: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change
Customers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change
Investors and shareholders	Select from: <input checked="" type="checkbox"/> No, but we plan to within the next two years	Select all that apply

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Other value chain stakeholders	<i>Select from:</i> <input checked="" type="checkbox"/> No, but we plan to within the next two years	<i>Select all that apply</i>

[Fixed row]

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

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, environmental requirements related to this environmental issue are included in our supplier contracts	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have a policy in place for addressing non-compliance

[Fixed row]

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

Climate change

(5.11.6.1) Environmental requirement

Select from:

- Purchasing of low-carbon or renewable energy

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- First-party verification
- Off-site third-party audit

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

Select from:

- 76-99%

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

Select from:

- 76-99%

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

Select from:

- Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

- 100%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- Providing information on appropriate actions that can be taken to address non-compliance

[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:

- Adaptation to climate change

(5.11.7.3) Type and details of engagement

Innovation and collaboration

- Collaborate with suppliers on innovative business models and corporate renewable energy sourcing mechanisms
- Run a campaign to encourage innovation to reduce environmental impacts on products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers

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

Select from:

- 100%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

- 100%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

The manufacturing of our products represents the most significant source of Apple's emissions (about 59% in FY23), per our comprehensive carbon footprint. That is why we've engaged deeply with our suppliers to reduce our footprint from manufacturing, with a focus on energy use and material selection. Through these programs, we've engaged 100% Apple-managed direct suppliers. This pool of suppliers extends beyond our top suppliers by spend, to 100% suppliers with whom we directly contract in the manufacturing of Apple products. The Apple Supplier Code of Conduct requires all Apple suppliers to report their emissions and their reduction targets.

Apple suppliers sign and are required to uphold the provisions set forth in the Apple Supplier Code of Conduct and associated Supplier Responsibility Standards. As part of Apple's supplier engagement, we are partnering with our worldwide supply chain to urge accelerated action to achieve carbon neutrality for their Apple-related corporate operations. Apple requires reporting on progress toward these goals — specifically Scope 1 & 2 emissions reductions related to our production — and will track and audit annual progress. Apple will partner with suppliers that are working with urgency and making measurable progress toward decarbonization. Our Supplier Energy Efficiency Program launched a supplier energy training program to increase the suppliers' awareness of energy conservation and to stimulate energy efficiency improvement activities. Apple conducts energy audits to identify energy saving opportunities and offers technical assistance. And we developed and shared a supplier GHG emission inventory reporting tool with all of Apple-managed supplier facilities. This tool helps suppliers calculate their Scope 1 & 2 emissions. For the energy that's needed, our Supplier Clean Energy Program (CEP) helps suppliers transition to renewable energy through a combination of direct engagement and online resources. The program's Clean Energy portal of resources is available to all our suppliers, while suppliers who commit to addressing 100% of their global manufacturing footprint for Apple become official CEP participants. We've also worked with suppliers on material selection -- including material innovation, switching to aluminum smelted using renewable sources of electricity, and transitioning to recycled materials.

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

Select from:

Yes, please specify the environmental requirement : "Supplier shall consume, develop, invest in, and procure electrical power from Clean Energy Sources equal to 100% of the electrical power used in connection with its global manufacturing operations related to Apple products..." p.182 Supplier Code

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

Select from:

Yes

[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

Other

Other, please specify :Increasing our products' energy efficiency to drive down emissions from product use, and taking steps to address the emissions that remain.

(5.11.9.3) % of stakeholder type engaged

Select from:

100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

26-50%

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

The electricity that our customers use to charge and power their Apple devices represents 29 percent of Apple's gross carbon footprint. Increasing the energy efficiency of our products is the most direct action we can take to drive down emissions from product use, and we're taking steps to address the emissions that remain.

(5.11.9.6) Effect of engagement and measures of success

We're building features to make it easier for customers to decide when to draw cleaner electricity from the grid. In 2023, we launched Grid Forecast, a new tool in the Home app on iPhone, iPad, Mac, and Apple Watch that shows when cleaner electricity is available from the grid. Apple uses data that combines grid, emissions, and weather information into one easy-to-follow signal. This can help people make more informed decisions about when to run large appliances and charge electric vehicles or devices throughout the day. In the contiguous United States, Grid Forecast is available for Apple Watch, and it can be added as a widget or a watch face complication. As additional data becomes available through ongoing industry collaboration, Apple will continue refining Grid Forecast to maximize impact. To learn more about Grid Forecast, visit our Grid Forecast support page. Clean Energy Charging, which became available in the U.S. in fall 2022 with iOS 16, enables customers to help decrease the carbon footprint of iPhone. The feature looks at electricity sources to select the charge times when the grid is using cleaner energy sources, optimizing charging and reducing greenhouse gas emissions. Learn more about Clean Energy Charging at <https://support.apple.com>. Beyond the work that we do on our products, we collaborate with others to continue advancing climate-smart decision-making for customers across their household energy usage, as well as for our employees and partners.

[Add 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:

Operational control

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

*Apple uses the operational control approach as this consolidation approach is most aligned with the activities contributing to our comprehensive carbon footprint.
[Fixed row]*

C7. Environmental performance - Climate Change

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

Select from:

No

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

	Has there been a structural change?
	Select all that apply <input checked="" type="checkbox"/> No

[Fixed row]

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

	Change(s) in methodology, boundary, and/or reporting year definition?
	Select all that apply <input checked="" type="checkbox"/> No

[Fixed row]

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

Select all that apply

- Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources
- US EPA Emissions & Generation Resource Integrated Database (eGRID)

(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

We believe our market-based Scope 2 emissions figure most accurately represents our emissions profile since investing and sourcing renewable energy is a key aspect of our environmental strategy.

[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:

Yes

(7.4.1) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Row 1

(7.4.1.1) Source of excluded emissions

Fertilizer use

(7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply

Scope 1

(7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

Emissions are not relevant

(7.4.1.10) Explain why this source is excluded

We have not included fertilizer use from landscape applications in our Scope 1 emissions as it accounts for far less than 1 percent of our total CO2e emissions. Our landscape practices focus on composting our green waste trimmings collected onsite and reusing them as mulch, supplemented only as needed with additional organic fertilizers and a limited amount of slow-release fertilizer products. Apple also employs a robust integrated pest management system, which reduces the need for fertilizer application.

(7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

No emissions excluded

[Add row]

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

Scope 1

(7.5.1) Base year end

10/25/2011

(7.5.2) Base year emissions (metric tons CO2e)

21700

(7.5.3) Methodological details

Apple follows the GHG Protocol Corporate Standard for quantifying and reporting direct greenhouse gas emissions. Apple utilizes actual consumption data sourced from utility bills, invoices, meters data, landlord reports, or vendor reports. In cases where actual data is unavailable, Apple employs estimation factors per square foot per year, derived from historical data and trends from similar facilities (e.g., retail spaces or corporate offices). These estimation factors are then multiplied by the total floor space to estimate the annual consumption. To calculate Scope 1 emissions from the consumption data, Apple applies emission factors from sources such as the U.S. Environmental Protection Agency (EPA) and the UK Department for Environment, Food & Rural Affairs (DEFRA), which are updated annually.

Scope 2 (location-based)

(7.5.1) Base year end

10/25/2011

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 2 (market-based)

(7.5.1) Base year end

10/25/2011

(7.5.2) Base year emissions (metric tons CO2e)

154300

(7.5.3) Methodological details

Apple follows the GHG Protocol Corporate Standard for quantifying and reporting direct greenhouse gas emissions. Apple utilizes actual consumption data sourced from utility bills, invoices, meters data, landlord reports, or vendor reports. In cases where actual data is unavailable, Apple employs estimation factors per square foot per year, derived from historical data and trends from similar facilities (e.g., retail spaces or corporate offices). These estimation factors are then multiplied by the total floor space to estimate the annual consumption. To calculate Scope 2 emissions from the consumption data, Apple applies the appropriate emission factors from utilities emission factors, USA EPA e-grid, International Energy Agency, local governments sets, or residual mix, which are also updated annually.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

29600000

(7.5.3) Methodological details

We compile primary data for components or materials we know to be carbon-intensive, regardless of their position in our value chain. Each year, we make adjustments in our model to better account for Apple's specific value chain. Approximately 50 percent of our manufacturing emissions are calculated using primary data. We focus our attention on aspects of the product life cycle where our choices can have a material impact on emissions reduction, and use our LCAs to prioritize our work. We purchase third-party computing services, which we approximate to be less than 1 percent of total emissions from purchased goods and services.

Scope 3 category 2: Capital goods

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

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

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

This Scope 3 emissions category was excluded from our baseline emissions, thus assumed to be 0.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

370000

(7.5.3) Methodological details

Apple uses Well-to-Tank Defra emission factors to account for upstream Scope 3 emissions associated with purchased fuel under Scope 1.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3 category 6: Business travel

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

139940

(7.5.3) Methodological details

Emissions from employee travel are calculated using trip distance data obtained from our travel partner that manages all travel for Apple employees. We consider the data we obtain from our travel partner to be real data that provides roughly 90 percent of the calculation. However, we do not use carrier-specific fuel consumption data (which we would also interpret as primary data).

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

172970

(7.5.3) Methodological details

Apple's Travel team maintains logs of all employee travel throughout the fiscal year, including details on flight class and haul length. To calculate emissions, Apple aggregates the data by class and haul and applies Defra emission factors for business travel by air.

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

1299994

(7.5.3) Methodological details

Apple accounts for electricity lost during transmission and distribution (T&D). Emissions are calculated by applying appropriate emission factors from sources such as utility-specific data, USA EPA eGRID, International Energy Agency, local government sets, or residual mix, which are updated annually.

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

6600000

(7.5.3) Methodological details

We use detailed primary data regarding the quantity of energy our products consume when in certain operational modes. Daily usage patterns are specific to each product and are based on historical customer use data.

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

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

500000

(7.5.3) Methodological details

We use industry-average data regarding recycling processes to evaluate the impact of end-of-life treatment of sold products. When Apple-specific processes are used, for example, Apple's automated disassembly robot Daisy, primary measured data from that equipment is used.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3 category 14: Franchises

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3 category 15: Investments

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3: Other (upstream)

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

n/a - Added zero due to CDP ORS constraint.

Scope 3: Other (downstream)

(7.5.1) Base year end

09/27/2015

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

*n/a - Added zero due to CDP ORS constraint.
[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)

55200

(7.6.3) Methodological details

*Apple follows the GHG Protocol Corporate Standard for quantifying and reporting direct greenhouse gas emissions. Apple utilizes actual consumption data sourced from utility bills, invoices, meters data, landlord reports, or vendor reports. In cases where actual data is unavailable, Apple employs estimation factors per square foot per year, derived from historical data and trends from similar facilities (e.g., retail spaces or corporate offices). These estimation factors are then multiplied by the total floor space to estimate the annual consumption. To calculate Scope 1 emissions from the consumption data, Apple applies emission factors from sources such as the U.S. Environmental Protection Agency (EPA) and the UK Department for Environment, Food & Rural Affairs (DEFRA), which are updated annually.
[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)

1206700

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

3400

(7.7.4) Methodological details

Apple follows the GHG Protocol Corporate Standard for quantifying and reporting direct greenhouse gas emissions. Apple utilizes actual consumption data sourced from utility bills, invoices, meters data, landlord reports, or vendor reports. In cases where actual data is unavailable, Apple employs estimation factors per square foot per year, derived from historical data and trends from similar facilities (e.g., retail spaces or corporate offices). These estimation factors are then multiplied by the total floor space to estimate the annual consumption. To calculate Scope 2 emissions from the consumption data, Apple applies the appropriate emission factors from utilities emission factors, USA EPA e-grid, International Energy Agency, local governments sets, or residual mix, which are also updated annually.

[Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

9400000

(7.8.3) Emissions calculation methodology

Select all that apply

Other, please specify :LCA (ISO 14040 and ISO 14044)

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

50

(7.8.5) Please explain

We compile primary data for components or materials we know to be carbon-intensive, regardless of their position in our value chain. Each year, we make adjustments in our model to better account for Apple's specific value chain. Approximately 50 percent of our manufacturing emissions are calculated using primary data. We focus our attention on aspects of the product life cycle where our choices can have a material impact on emissions reduction, and use our LCAs to prioritize our work. We purchase third-party computing services, which we approximate to be less than 1 percent of total emissions from purchased goods and services.

Capital goods

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

The Greenhouse Gas Protocol Scope 3 Standard cites "influence" as one of the criteria for identifying relevant scope 3 emissions. It defines this criteria as "There are potential emissions reductions that could be undertaken or influenced by the company." The Scope 3 Standard also clearly states that the objective of calculating scope 3 emissions is to "help companies understand their full value chain emissions impact in order to focus company efforts on the greatest GHG reduction opportunities, leading to more sustainable decisions about companies' activities and the products they buy, sell, and produce." We have assessed capital goods emissions and concluded this scope 3 category is not relevant to Apple because data availability is limited, which in turn limits our ability to influence this category of emissions. To calculate emissions from capital goods, the only methodology available to us, based on data availability, are the Economic Input-Output (EIO) LCA models, used in conjunction with Apple's capital expenditures. This method relies upon emissions factors for each broad category of capital expenditures. While it provides an overall magnitude of CO₂e emissions associated with capital goods, it is not specific enough to "focus company efforts." Indeed, the only "action" we could take as a result of calculating capital goods using an EIO LCA model would be to "spend less", which is not a meaningful greenhouse gas reduction strategy. During our recent engagement with SBTi to validate our science-based target, we received confirmation that this rationale for excluding this category of scope 3 emissions was acceptable.

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)

(7.8.3) Emissions calculation methodology

Select all that apply

Other, please specify :Industry average emission factors

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

98

(7.8.5) Please explain

We use the fuel data provided for our Scope 1 emissions and DEFRA emissions factors to calculate the upstream emissions associated with fuel and energy related activities — including extraction, refining and transportation of the raw fuel sources prior to combustion. This Scope 3 emissions category was not included in our baseline emissions calculations. This Scope 3 category is included, starting in fiscal year 2022, due to improved data availability.

Upstream transportation and distribution**(7.8.1) Evaluation status**

Select from:

Relevant, calculated

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

47000

(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

80

(7.8.5) Please explain

We use actual data provided from worldwide logistics, though some assumptions are still made regarding average trip distances. From the data we collect for product logistics, we are not able to entirely align with the “post-sale” and “pre-sale” delimitations of this upstream/downstream transportation emissions calculation. As a result, this upstream figure incorporates a small portion of downstream transportation emissions associated with products that have been sold and shipped directly from a final assembly site or to third party retail stores (which technically occurs post sale to these third-party stores). However, the net total for downstream and upstream transportation and distribution emissions account for all emissions in the product transportation category.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Waste generated does not result in material Scope 3 emissions. We calculated this figure in our CDP submission covering fiscal year 2013, and it represented less than 0.1 percent of our corporate carbon footprint. This amount has not increased substantively and therefore is still not relevant. That said, reducing waste and use of materials is a central element of our environmental strategy. We’ve created robust recycling and composting programs to minimize the environmental impact of the waste we produce in our corporate facilities: (i) This work begins by first understanding what we throw away. In some cases, we’ve installed remote waste monitoring systems to accurately measure waste generation and contamination. (ii) We prevent waste by closely managing what comes to our sites. For example, we’ve amended construction contracts to include waste reporting and diversion requirements. (iii) We’ve also worked on enhancing how we recycle and reuse materials. In fiscal year 2023, Apple facilities diverted more than 74 percent of our waste to recycling or composting rather than landfill. These high diversion rates helped limit the amount of waste sent to landfill to about 17,400 metric tons for our global operations. We also support our suppliers in the journey to zero waste through the Zero Waste program. In 2023, suppliers redirected 497,000 metric tons of waste from landfills, bringing the total to 3 million metric tons since the program’s inception — the equivalent of eliminating 3.7 million square meters of landfill space. Throughout 2023, 100 percent of established final assembly sites — including for iPhone, iPad, Mac, Apple Watch, AirPods, HomePod, Apple TV, and Beats — maintained zero-waste-to-landfill operations.

Business travel

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

225700

(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

90

(7.8.5) Please explain

Emissions from employee travel are calculated using trip distance data obtained from our travel partner that manages all travel for Apple employees. We consider the data we obtain from our travel partner to be real data that provides roughly 90 percent of the calculation. However, we do not use carrier-specific fuel consumption data (which we would also interpret as primary data).

Employee commuting

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

164100

(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

0

(7.8.5) Please explain

We do not ask employees to report commute mileage directly, nor do we track fuel receipts. We do use employee demographic data (e.g., zip codes) and survey results of commute habits to estimate the average commute distance and to distribute the commuters among single-occupancy cars, carpools, bicycles, transit, Apple Transit, work-from-home, and other commute modes.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Any upstream leased asset is included in our Scope 1 and Scope 2 emissions. So 100 percent of the emissions from our leased assets are captured in Scope 1 and 2, leaving 0 emissions relevant to our Scope 3 calculations.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

1453000

(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

(7.8.5) Please explain

We use actual data provided by our Worldwide Logistics team, though some assumptions are still made regarding average trip distances. Due to differences in how we collect data for product logistics, we are not able to perfectly align with the “post-sale” and “pre-sale” delimitations of this upstream/downstream transportation emissions calculation. As a result, this downstream figure incorporates a small portion of upstream transportation emissions associated with products that travel from our final assembly sites to our own retail stores (therefore are not yet technically post-sale). However, the net total for downstream and upstream transportation and distribution emissions account for all emissions in the product transportation category. Transportation emissions associated with customer travel from their homes to Apple retail stores are not material to this calculation for two reasons: 1) This number is very small compared to the total downstream transportation and distribution emissions. 2) Many of our stores are located in dense urban environments and often accessible by public transportation.

Processing of sold products

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Not applicable as Apple does not produce intermediate goods, so we do not have activities that fall into this category.

Use of sold products

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

4600000

(7.8.3) Emissions calculation methodology

Select all that apply

Methodology for indirect use phase emissions, please specify :Use phase emissions are calculated based on product energy consumption over a 3-4 yr use period. Energy consumption is modeled using European Commission and U.S. EPA computer eco-design studies reflecting aggressive daily product use assumptions.

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

80

(7.8.5) Please explain

We use detailed primary data regarding the quantity of energy our products consume when in certain operational modes. Daily usage patterns are specific to each product and are based on historical customer use data.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

70000

(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

50

(7.8.5) Please explain

We use industry-average data regarding recycling processes to evaluate the impact of end-of-life treatment of sold products. When Apple-specific processes are used, for example, Apple's automated disassembly robot Daisy, primary measured data from that equipment is used.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Downstream leased assets (such as Apple-operated product recycling facilities) are included in our Scope 1 and Scope 2 emissions; so there are no emissions in this category that fall under our Scope 3 emissions.

Franchises

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Not applicable as we don't own or sell franchises; so we have 0 emissions from this Scope 3 category.

Investments

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

As per our form 10-K filing with the U.S. Securities and Exchange Commission, “the Company’s investment policy and strategy are focused on the preservation of capital and supporting the Company’s liquidity requirements.” As a result, investments and their interest income are not a significant revenue stream for Apple and are not considered core to our business. Therefore, emissions from this category do not reach our threshold for relevance to our business.

Other (upstream)

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

n/a

Other (downstream)

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

n/a

[Fixed row]

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

	Verification/assurance status
Scope 1	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 3	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place

[Fixed row]

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

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:

Annual process

(7.9.1.2) Status in the current reporting year

Select from:

Complete

(7.9.1.3) Type of verification or assurance

Select from:

Limited assurance

(7.9.1.4) Attach the statement

Apple FY2023 CCF Assurance Statement.pdf

(7.9.1.5) Page/section reference

1-5

(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:

Limited assurance

(7.9.2.5) Attach the statement

Apple FY2023 CCF - Scope 2 Assurance Statement.pdf

(7.9.2.6) Page/ section reference

1-5

(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: Purchased goods and services

(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

Apple FY2023 CCF - Scope 3 Assurance Statement.pdf

(7.9.3.6) Page/section reference

1-5

(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)

200000

(7.10.1.2) Direction of change in emissions

Select from:

Decreased

(7.10.1.3) Emissions value (percentage)

344

(7.10.1.4) Please explain calculation

*In the reporting year, additional consumption of renewable energy reduced emissions by approximately 200,000 tCO2e, and our total S1 and S2 emissions in the previous year was 58,200 tCO2e, therefore we arrived at -344%: $(-200,000/58,600)*100 = -344\%$*

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

10000

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.3) Emissions value (percentage)

17

(7.10.1.4) Please explain calculation

*In the reporting year, emissions efficiency activities resulted in an increase of 10,000 tCO₂ relative to the previous year, and our total S1 and S2 emissions in the previous year was 58,600 tCO₂e, therefore we arrived at 17%: $(10,000 / 58,600) * 100$ 17%*

Change in output

(7.10.1.1) Change in emissions (metric tons CO₂e)

190400

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.3) Emissions value (percentage)

326

(7.10.1.4) Please explain calculation

*In the reporting year, our increase in energy consumption due to a change in output had an additional 190,400 tonnes of associated emissions, and our total S1 and S2 emissions in the previous year was 58,600 tCO₂e, therefore we arrived at and increase of 327%: $(190,400 / 58,600) * 100$ 327%*
[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:

No

(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)

49306

(7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

CH4

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

50

(7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:

N2O

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

80

(7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:

Other, please specify :Refrigerants and R&D

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

5762

(7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

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

Australia

(7.16.1) Scope 1 emissions (metric tons CO₂e)

116.3

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

8866.9

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

0

Austria

(7.16.1) Scope 1 emissions (metric tons CO₂e)

3.1

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

205.7

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

0

Belgium

(7.16.1) Scope 1 emissions (metric tons CO2e)

4.6

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

103.3

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

0

Brazil

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

287.6

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

0

Canada

(7.16.1) Scope 1 emissions (metric tons CO2e)

726.1

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

1049.9

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

0

Chile

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

40.5

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

0

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

3516.2

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

151621.4

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

0

Colombia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

34.6

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

0

Czechia

(7.16.1) Scope 1 emissions (metric tons CO2e)

143.8

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

1096.4

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

0

Denmark

(7.16.1) Scope 1 emissions (metric tons CO2e)

441.7

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

4395.8

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

0

Egypt

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

13.4

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

0

Finland

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

8.1

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

0

France

(7.16.1) Scope 1 emissions (metric tons CO2e)

379.3

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

488

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

509.8

Germany

(7.16.1) Scope 1 emissions (metric tons CO2e)

159.7

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

7578.3

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

0

Greece

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

6.1

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

0

Hong Kong SAR, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

8261.1

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

0

Hungary

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

17.5

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

0

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

12297.9

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

0

Indonesia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

288.5

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

0

Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

1302.7

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

5398.7

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

0

Israel

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

15912.1

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

0

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

28.4

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

2244.7

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

0

Japan

(7.16.1) Scope 1 emissions (metric tons CO2e)

32.2

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

13617.6

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

2783

Lithuania

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

0.8

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

0

Malaysia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

331.7

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

0

Mexico

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

553.3

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

0

Netherlands

(7.16.1) Scope 1 emissions (metric tons CO2e)

347.2

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

8409.9

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

0

New Zealand

(7.16.1) Scope 1 emissions (metric tons CO2e)

17.4

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

58.1

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

0

Nigeria

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

9.3

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

0

Norway

(7.16.1) Scope 1 emissions (metric tons CO2e)

3.2

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

0.8

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

0

Philippines

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

91

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

0

Poland

(7.16.1) Scope 1 emissions (metric tons CO2e)

2.6

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

64

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

0

Portugal

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

13

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

0

Republic of Korea

(7.16.1) Scope 1 emissions (metric tons CO2e)

67.5

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

3182

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

0

Romania

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

2.1

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

0

Russian Federation

(7.16.1) Scope 1 emissions (metric tons CO2e)

15.4

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

190.4

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

0

Saudi Arabia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

51.4

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

0

Singapore

(7.16.1) Scope 1 emissions (metric tons CO2e)

92.7

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

202.1

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

0

South Africa

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

632.8

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

0

Spain

(7.16.1) Scope 1 emissions (metric tons CO2e)

114.1

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

1169

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

0

Sweden

(7.16.1) Scope 1 emissions (metric tons CO2e)

14.9

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

40.2

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

0

Switzerland

(7.16.1) Scope 1 emissions (metric tons CO2e)

11.5

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

46.1

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

0

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

3111.8

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

30660.3

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

0

Thailand

(7.16.1) Scope 1 emissions (metric tons CO2e)

137.2

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

510.2

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

0

Turkey

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

1345.3

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

4

Ukraine

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

0.5

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

0

United Arab Emirates

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.8

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

3503.3

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

0

United Kingdom of Great Britain and Northern Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

12552.8

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

7253.8

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

89

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

31887.6

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

883451.1

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

0

Viet Nam

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

275.1

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

0

[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.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	<i>Retail Stores</i>	3104
Row 2	<i>Corporate</i>	47235
Row 3	<i>Data Centers</i>	4863

[Add 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.

	Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Corporate Facilities</i>	296599	3400
Row 3	<i>Retail Stores</i>	629098	0
Row 4	<i>Distribution Centers</i>	19256	0

	Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 5	<i>Data centers</i>	186519	0
Row 6	<i>Co-located data centers</i>	75264	0

[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)

55200

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

1206700

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

3400

(7.22.4) Please explain

Our emissions accounting aligns with our consolidated accounting group, Apple Inc.

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

*Our emissions accounting aligns with our consolidated accounting group, Apple Inc.
[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 0% but less than or equal to 5%

(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: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired steam	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired cooling	Select from: <input checked="" type="checkbox"/> Yes
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> 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:

LHV (lower heating value)

(7.30.1.2) MWh from renewable sources

218779

(7.30.1.3) MWh from non-renewable sources

444172

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

662951

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

3117252

(7.30.1.3) MWh from non-renewable sources

0

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

3489033

Consumption of purchased or acquired heat

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

14852

(7.30.1.3) MWh from non-renewable sources

0

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

14852

Consumption of purchased or acquired steam

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

0

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

0

Consumption of purchased or acquired cooling

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

29510

(7.30.1.3) MWh from non-renewable sources

1011

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

30521

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

371781

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

371781

Total energy consumption

(7.30.1.1) Heating value

Select from:

Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

4123955

(7.30.1.3) MWh from non-renewable sources

445183

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

4569138

[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	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of heat	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of steam	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of cooling	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of fuel for co-generation or tri-generation	<i>Select from:</i> <input checked="" type="checkbox"/> Yes

[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:

LHV

(7.30.7.2) Total fuel MWh consumed by the organization

218779

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

59290

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

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Other biomass

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(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

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(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

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Coal

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(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

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Oil

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

131682

(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

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Gas

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

312489

(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

312489

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

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

(7.30.7.1) Heating value

Select from:

Unable to confirm heating value

(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

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Zeros added for non-activity.

Total fuel

(7.30.7.1) Heating value

Select from:

LHV

(7.30.7.2) Total fuel MWh consumed by the organization

662950

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

59290

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

312489

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

*Zeros added for non-activity.
[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)

48213

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

48213

(7.30.9.3) Gross generation from renewable sources (MWh)

48213

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

48213

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]

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

Australia

(7.30.16.1) Consumption of purchased electricity (MWh)

13521193

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

13521193.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Austria

(7.30.16.1) Consumption of purchased electricity (MWh)

1547875

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

1547875.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Belgium

(7.30.16.1) Consumption of purchased electricity (MWh)

757850

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

757850.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

2142851

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

2142851.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

15697754

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

15697754.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Chile

(7.30.16.1) Consumption of purchased electricity (MWh)

108281

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

108281.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

China

(7.30.16.1) Consumption of purchased electricity (MWh)

260982930

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

70000

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

261052930.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Colombia

(7.30.16.1) Consumption of purchased electricity (MWh)

226367

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

226367.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Czechia

(7.30.16.1) Consumption of purchased electricity (MWh)

2582407

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

2582407.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Denmark

(7.30.16.1) Consumption of purchased electricity (MWh)

40337859

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

40337859.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Egypt

(7.30.16.1) Consumption of purchased electricity (MWh)

33356

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

33356.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Finland

(7.30.16.1) Consumption of purchased electricity (MWh)

102209

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

102209.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

France

(7.30.16.1) Consumption of purchased electricity (MWh)

9386572

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

3300

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

9389872.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

23470585

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

23470585.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Greece

(7.30.16.1) Consumption of purchased electricity (MWh)

17701

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

17701.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Hong Kong SAR, China

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Hungary

(7.30.16.1) Consumption of purchased electricity (MWh)

91063

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

91063.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

India

(7.30.16.1) Consumption of purchased electricity (MWh)

17167527

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

17167527.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Indonesia

(7.30.16.1) Consumption of purchased electricity (MWh)

368296

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

368296.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

17037137

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

17037137.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Israel

(7.30.16.1) Consumption of purchased electricity (MWh)

35957512

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

35957512.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

8601

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

8601.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Japan

(7.30.16.1) Consumption of purchased electricity (MWh)

29290174

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

360000

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

29650174.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Lithuania

(7.30.16.1) Consumption of purchased electricity (MWh)

6169

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

6169.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Malaysia

(7.30.16.1) Consumption of purchased electricity (MWh)

105447

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

105447.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Mexico

(7.30.16.1) Consumption of purchased electricity (MWh)

1356909

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

1356909.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Netherlands

(7.30.16.1) Consumption of purchased electricity (MWh)

26915262

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

26915262.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

New Zealand

(7.30.16.1) Consumption of purchased electricity (MWh)

429397

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

429397.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Nigeria

(7.30.16.1) Consumption of purchased electricity (MWh)

22971

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

22971.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Norway

(7.30.16.1) Consumption of purchased electricity (MWh)

124729

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

124729.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Philippines

(7.30.16.1) Consumption of purchased electricity (MWh)

128112

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

128112.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Poland

(7.30.16.1) Consumption of purchased electricity (MWh)

98441

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

98441.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Portugal

(7.30.16.1) Consumption of purchased electricity (MWh)

86087

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

86087.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Republic of Korea

(7.30.16.1) Consumption of purchased electricity (MWh)

6956903

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

6956903.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Romania

(7.30.16.1) Consumption of purchased electricity (MWh)

7750

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

7750.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Russian Federation

(7.30.16.1) Consumption of purchased electricity (MWh)

523682

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

523682.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Saudi Arabi

(7.30.16.1) Consumption of purchased electricity (MWh)

83917

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

83917.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Singapore

(7.30.16.1) Consumption of purchased electricity (MWh)

27047183

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

1080000

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

28127183.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

South Africa

(7.30.16.1) Consumption of purchased electricity (MWh)

703013

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

703013.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Spain

(7.30.16.1) Consumption of purchased electricity (MWh)

7736104

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

26

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

7736130.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Sweden

(7.30.16.1) Consumption of purchased electricity (MWh)

3582586

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

3582586.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Switzerland

(7.30.16.1) Consumption of purchased electricity (MWh)

1784755

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

1784755.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

53698378

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

86319

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

53784697.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Thailand

(7.30.16.1) Consumption of purchased electricity (MWh)

1083407

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

1083407.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Turkey

(7.30.16.1) Consumption of purchased electricity (MWh)

3179506

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

3179506.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Ukraine

(7.30.16.1) Consumption of purchased electricity (MWh)

1659

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

1659.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

United Arab Emirates

(7.30.16.1) Consumption of purchased electricity (MWh)

6638577

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

6638577.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

35108321

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

35108321.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

2785392100

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

46613000

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

2832005100.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

Viet Nam

(7.30.16.1) Consumption of purchased electricity (MWh)

487318

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

0

(7.30.16.3) Is some or all of this electricity consumption excluded from your RE100 commitment?

Select from:

No

(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)

487318.00

(7.30.16.7) Provide details of the electricity consumption excluded

No electricity consumption excluded.

[Fixed row]

(7.30.17) Provide details of your organization's renewable electricity purchases in the reporting year by country/area.

Row 1

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Physical power purchase agreement (physical PPA) with a grid-connected generator

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

502798

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 2

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

131922

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2016

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 3

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Canada

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

14888

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2016

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 4

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

- Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

787855

(7.30.17.5) Tracking instrument used

Select from:

- US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2022

(7.30.17.10) Supply arrangement start year

2015

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 5

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

38348

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2015

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 6

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Small hydropower (<25 MW)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3784

(7.30.17.5) Tracking instrument used

Select from:

- US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2015

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 7

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Small hydropower (<25 MW)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

697

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2015

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 8

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

148556

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 9

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Canada

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

706

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 10

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

37969

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 11

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

184074

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 12

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

122468

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 13

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 14

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Physical power purchase agreement (physical PPA) with a grid-connected generator

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

267058

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

Green-e Certified(R) Renewable Energy

Row 15

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Physical power purchase agreement (physical PPA) with a grid-connected generator

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

103616

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 16

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

19194

(7.30.17.5) Tracking instrument used

Select from:

US-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2022

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 17

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Singapore

(7.30.17.2) Sourcing method

Select from:

Physical power purchase agreement (physical PPA) with a grid-connected generator

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

17374

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Singapore

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2016

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 18

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Austria

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1549

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 19

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Belgium

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 20

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Czechia

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2583

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 21

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Denmark

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 22

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

France

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

4109

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 23

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 24

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Greece

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

18

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 25

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Hungary

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 26

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Ireland

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

261

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 27

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Lithuania

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 28

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1640

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 29

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Norway

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 30

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Poland

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

99

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 31

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Portugal

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 32

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Romania

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

8

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 33

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Spain

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 34

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Sweden

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1539

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 35

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Switzerland

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 36

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Ukraine

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 37

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 38

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Italy

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

817

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 39

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Russian Federation

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 40

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Turkey

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3299

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Turkey

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 41

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Israel

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

14194

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Israel

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 42

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Brazil

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1827

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Brazil

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 43

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Chile

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Chile

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 44

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Mexico

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1359

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :CEL

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Mexico

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 45

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

India

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

India

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 46

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Taiwan, China

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

791

(7.30.17.5) Tracking instrument used

Select from:

T-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Taiwan, China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 47

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

China

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

113306

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 48

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Taiwan, China

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

16003

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 49

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

China

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

GEC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2023

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 50

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Philippines

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

129

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Philippines

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 51

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Thailand

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

South Africa

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2022

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 52

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Viet Nam

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

35

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Colombia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2022

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 53

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Israel

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Colombia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2022

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 54

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

South Africa

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

704

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Colombia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 55

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Nigeria

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Colombia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2023

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 56

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Colombia

(7.30.17.2) Sourcing method

Select from:

Project-specific contract with an electricity supplier

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

228

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Colombia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 57

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(SVCE attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 58

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

249

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 59

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

289

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2014

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 60

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

54898

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 61

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3300

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 62

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

252

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 63

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

12192

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2014

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 64

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

463

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2014

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 65

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Australia

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

5972

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Australia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 66

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Belgium

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

390

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Belgium

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 67

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

France

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3917

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

France

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 68

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

149

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 69

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

New Zealand

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

429

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

New Zealand

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 70

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

11254

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 71

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Ireland

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

16195

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 72

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Italy

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

7785

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Italy

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 73

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Spain

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

5422

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Spain

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 74

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Sweden

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

128

(7.30.17.5) Tracking instrument used

Select from:

Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Sweden

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 75

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

21722

(7.30.17.5) Tracking instrument used

Select from:

- Contract

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United Kingdom of Great Britain and Northern Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 76

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Japan

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

20147

(7.30.17.5) Tracking instrument used

Select from:

- NFC - Renewable

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Japan

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 77

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Australia

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

7191

(7.30.17.5) Tracking instrument used

Select from:

Australian LGC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Australia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 78

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Republic of Korea

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

6959

(7.30.17.5) Tracking instrument used

Select from:

Korean REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Republic of Korea

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 79

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

India

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

12878

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

India

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 80

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Israel

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

21265

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Israel

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 81

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United Arab Emirates

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

6641

(7.30.17.5) Tracking instrument used

Select from:

- I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United Arab Emirates

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 82

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Indonesia

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

369

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Indonesia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 83

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Viet Nam

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

453

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Viet Nam

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 84

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Malaysia

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

106

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Malaysia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 85

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Thailand

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

975

(7.30.17.5) Tracking instrument used

Select from:

I-REC

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Thailand

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 86

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2648

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 87

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

66

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 88

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1595

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 89

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1456

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 90

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1660

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 91

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

85

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 92

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1376

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 93

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

412

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 94

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2118

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 95

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1019

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 96

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- France

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Hydropower (capacity unknown)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

35

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- France

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 97

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2732

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2014

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 98

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Hong Kong SAR, China

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

4894

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 99

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Brazil

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

317

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Brazil

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 100

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

India

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Hydropower (capacity unknown)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

67

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- India

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 101

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- China

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1908

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 102

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2148

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 103

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1528

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2016

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 104

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2837

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

China

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 105

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1098

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 106

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Singapore

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3444

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Viet Nam

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 107

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Singapore

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

4807

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Viet Nam

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 108

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Sweden

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Hydropower (capacity unknown)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

50

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Sweden

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 109

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Sustainable Biomass

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3211

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 110

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.2) Sourcing method

Select from:

- Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Sustainable Biomass

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1903

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United Kingdom of Great Britain and Northern Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 111

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Germany

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

127

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 112

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Canada

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

106

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Canada

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 113

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Denmark

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

365

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 114

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

France

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

458

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

France

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 115

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

France

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

94

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- France

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 116

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Germany

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

951

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 117

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

664

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 118

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

186

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2023

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 119

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Ireland

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

395

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 120

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

609

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 121

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Sweden

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1868

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Sweden

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2015

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 122

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

897

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 123

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

894

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 124

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

18231

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 125

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

723

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 126

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

325

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 127

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Germany

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

517

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Germany

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 128

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

France

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

878

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

France

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 129

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

999

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 130

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Hydropower (capacity unknown)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3491

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 131

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1590

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 132

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2498

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2018

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 133

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Netherlands

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1700

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Netherlands

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 134

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Singapore

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1423

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Singapore

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 135

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

- Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

413

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Japan

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2021

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 136

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- Australia

(7.30.17.2) Sourcing method

Select from:

- Purchase from an on-site installation owned by a third party (on-site PPA)

(7.30.17.3) Renewable electricity technology type

Select from:

- Solar

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

125

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- Australia

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 137

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

2369

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 138

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

744

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 139

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

71

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 140

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

3276

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

- 2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

- No additional, voluntary label

Row 141

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

- United States of America

(7.30.17.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

- Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1619

(7.30.17.5) Tracking instrument used

Select from:

- Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

- United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 142

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

United States of America

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

768

(7.30.17.5) Tracking instrument used

Select from:

Other, please specify :(Attestation)

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

United States of America

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2020

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 143

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

Unbundled procurement of Energy Attribute Certificates (EACs)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

1762

(7.30.17.5) Tracking instrument used

Select from:

NFC - Renewable

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Japan

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2022

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 144

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Japan

(7.30.17.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

(7.30.17.3) Renewable electricity technology type

Select from:

Renewable electricity mix, please specify :(Vendor provided renewables)

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

458

(7.30.17.5) Tracking instrument used

Select from:

No instrument used

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Japan

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2023

(7.30.17.10) Supply arrangement start year

2017

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

Row 145

(7.30.17.1) Country/area of consumption of purchased renewable electricity

Select from:

Italy

(7.30.17.2) Sourcing method

Select from:

Financial (virtual) power purchase agreement (VPPA)

(7.30.17.3) Renewable electricity technology type

Select from:

Wind

(7.30.17.4) Renewable electricity consumed via selected sourcing method in the reporting year (MWh)

817

(7.30.17.5) Tracking instrument used

Select from:

GO

(7.30.17.6) Country/area of origin (generation) of purchased renewable electricity

Select from:

Denmark

(7.30.17.7) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

(7.30.17.8) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.17.9) Vintage of the renewable energy/attribute (i.e. year of generation)

Select from:

2022

(7.30.17.10) Supply arrangement start year

2019

(7.30.17.11) Ecolabel associated with purchased renewable electricity

Select from:

No additional, voluntary label

[Add row]

(7.30.18) Provide details of your organization's low-carbon heat, steam, and cooling purchases in the reporting year by country/area.

Row 1

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

4386

Row 2

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

United Kingdom of Great Britain and Northern Ireland

(7.30.18.3) Energy carrier

Select from:

Steam

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

1308

Row 3

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

Hong Kong SAR, China

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

190

Row 4

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

India

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

5361

Row 5

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

Israel

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

Row 6**(7.30.18.1) Sourcing method**

Select from:

- Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

- Japan

(7.30.18.3) Energy carrier

Select from:

- Cooling

(7.30.18.4) Low-carbon technology type

Select from:

- Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

16814

Row 7**(7.30.18.1) Sourcing method**

Select from:

- Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

Japan

(7.30.18.3) Energy carrier

Select from:

Heat

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

12258

Row 8

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

France

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

994

Row 9

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

France

(7.30.18.3) Energy carrier

Select from:

Heat

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

1258

Row 10

(7.30.18.1) Sourcing method

Select from:

Heat/steam/cooling supply agreement

(7.30.18.2) Country/area of consumption of low-carbon heat, steam or cooling

Select from:

Turkey

(7.30.18.3) Energy carrier

Select from:

Cooling

(7.30.18.4) Low-carbon technology type

Select from:

Other, please specify :(Local Grids and Gas Providers)

(7.30.18.5) Low-carbon heat, steam, or cooling consumed (MWh)

17.61

[Add row]

(7.30.19) Provide details of your organization's renewable electricity generation by country/area in the reporting year.

Row 1

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Renewable hydrogen fuel cell

(7.30.19.3) Facility capacity (MW)

4

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

24603

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

24603

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 3

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

14

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

12000

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

12000

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 4

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

108

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

108

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 5

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.17

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

216

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

216

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 6

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.8

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

1356

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

1356

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 7

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.5

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

756

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

756

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 8

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.75

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

120

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

120

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 9

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

18

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

18

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 10

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

1.1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

6000

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

6000

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 11

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.05

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

1356

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

1356

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 12

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

4.67

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

80

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

80

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 13

(7.30.19.1) Country/area of generation

Select from:

Japan

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.3

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

360

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

360

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 14

(7.30.19.1) Country/area of generation

Select from:

Taiwan, China

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

86

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

86

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 15

(7.30.19.1) Country/area of generation

Select from:

Singapore

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

1.1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

1080

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

1080

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 16

(7.30.19.1) Country/area of generation

Select from:

France

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.01

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

3

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

3

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 17

(7.30.19.1) Country/area of generation

Select from:

China

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.1

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

70

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

70

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 18

(7.30.19.1) Country/area of generation

Select from:

Hong Kong SAR, China

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

40

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

91304

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

3834

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 19

(7.30.19.1) Country/area of generation

Select from:

China

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

40

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

91304

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

50563

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 20

(7.30.19.1) Country/area of generation

Select from:

Taiwan, China

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

40

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

91304

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

36907

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 21

(7.30.19.1) Country/area of generation

Select from:

Australia

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

0.5

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

235

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

235

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

No

Row 22

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

50

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

130475

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

130475

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

Yes

(7.30.19.7) Type of energy attribute certificate

Select from:

US-REC

Row 23

(7.30.19.1) Country/area of generation

Select from:

United States of America

(7.30.19.2) Renewable electricity technology type

Select from:

Solar

(7.30.19.3) Facility capacity (MW)

57.5

(7.30.19.4) Total renewable electricity generated by this facility in the reporting year (MWh)

101554

(7.30.19.5) Renewable electricity consumed by your organization from this facility in the reporting year (MWh)

101554

(7.30.19.6) Energy attribute certificates issued for this generation

Select from:

Yes

(7.30.19.7) Type of energy attribute certificate

Select from:

US-REC

[Add row]

(7.30.20) Describe how your organization's renewable electricity sourcing strategy directly or indirectly contributes to bringing new capacity into the grid in the countries/areas in which you operate.

Apple's energy sourcing strategy includes making strategic investments in the development of new renewable energy generation facilities in the countries/areas in which we operate. When making such investments, we prioritize projects that clearly demonstrate the principle of additionally, whereby Apple's investment is a primary catalyst in driving the addition of new renewable electricity generation sources to the local grid. This includes a variety of investment structures, including Apple owned generation facilities, equity investments, and long-term renewable energy purchase agreements (including power purchase agreements, virtual power purchase agreements, and environmental attribute purchase agreements). For countries/areas in which we have a very small footprint, we encourage the development of new renewable electricity resources by making investments through our Power for Impact program, which has the added benefit of bringing social and economic benefits to the local communities in which the projects are developed. Apple's sourcing strategy has directly contributed to bringing over 1.6 gigawatts of new renewable energy capacity online in the areas in which Apple operates in fiscal year 2023. Looking beyond Apple's worldwide operations to the impacts of our manufacturing supply chain, we have urged our suppliers to decarbonize their entire Apple footprints by 2030, including all their Scope 1 and 2 emissions associated with Apple production. Our Supplier Clean Energy Program helps enable suppliers' transition to clean, renewable electricity through policy advocacy, providing information and access to renewable energy procurement options, and creating engagement opportunities with renewable energy experts. In total, the Supplier Clean Energy Program now has over 21 gigawatts of clean energy commitments, of which nearly two-thirds are already operational. An example of innovation that connects our suppliers to high quality renewable energy projects is the China Clean Energy Fund which enables Apple and our suppliers to invest in clean energy. In 2018, Apple took an innovative approach to connect 12 of its suppliers operating in China with renewable energy sources through the China Clean Energy Fund. In fiscal year 2023, the Fund has exceeded its goal, with investments resulting in over 1 gigawatt of new wind and solar projects in China across 14 provinces. In aggregate, these projects are expected to deliver over 2,400 gigawatt-hours of renewable energy each year, equivalent to the residential power consumption of over 2.5 million people in China.

(7.30.21) In the reporting year, has your organization faced barriers or challenges to sourcing renewable electricity?

	Challenges to sourcing renewable electricity
	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

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

Row 1

(7.45.1) Intensity figure

1.53e-7

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

58600

(7.45.3) Metric denominator

Select from:

unit total revenue

(7.45.4) Metric denominator: Unit total

383285000000

(7.45.5) Scope 2 figure used

Select from:

Market-based

(7.45.6) % change from previous year

4

(7.45.7) Direction of change

Select from:

Increased

(7.45.8) Reasons for change

Select all that apply

Other emissions reduction activities

(7.45.9) Please explain

We estimate that gross global combined effective Scope 1 and Scope 2 emissions intensity per unit total revenue increased by 4 percent from fiscal years 2022 to 2023, though it's key to note that both years' intensity metrics were extremely small. Apple's global Scope 1 and 2 emissions increased from 58,200 in fiscal year 2022 to 58,600 in fiscal year 2023; however, due to emissions reductions activities, these emissions did not grow significantly. In fiscal year 2023, our revenue decreased from US\$394,328M to US\$383,285M. Apple's revenue is so much greater than our Scope 1 and 2 emissions as to render both years' intensity factors essentially zero. Emissions reduction activities during the fiscal year include low-carbon energy purchase, installation, and consumption, renewable energy use, and building energy efficiency initiatives.

Row 2

(7.45.1) Intensity figure

0.364

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

58600

(7.45.3) Metric denominator

Select from:

full time equivalent (FTE) employee

(7.45.4) Metric denominator: Unit total

161000

(7.45.5) Scope 2 figure used

Select from:

Market-based

(7.45.6) % change from previous year

3

(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

We estimate that gross global combined Scope 1 and Scope 2 emissions intensity per full time equivalent (FTE) employee increased by 3 percent primarily due to an increase in Apple's in Scope 1 and 2 emissions and decrease in average annual FTE count. Emissions increases were due to scope 2 emissions increases. For fiscal year 2022, we had an average annual FTE count of 164,000 and a combined Scope 1 and Scope 2 emissions of 58,200 metric tons CO₂e. For fiscal year 2023, we had an average annual FTE count of 161,000 and a combined Scope 1 and Scope 2 emissions of 58,600 metric tons CO₂e for an intensity figure of 0.364 metric tons CO₂e per FTE.

Row 3

(7.45.1) Intensity figure

0.0168

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

58600

(7.45.3) Metric denominator

Select from:

megawatt hour transmitted (MWh)

(7.45.4) Metric denominator: Unit total

3489000

(7.45.5) Scope 2 figure used

Select from:

Market-based

(7.45.6) % change from previous year

8

(7.45.7) Direction of change

Select from:

Decreased

(7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

(7.45.9) Please explain

We estimate that gross global combined Scope 1 and Scope 2 emissions intensity per megawatt hour (MWh) decreased by 8 percent between fiscal years 2022 and 2023 due to an increase in Apple's electricity consumption and an increase in Scope 1 and 2 emissions due to increased output as described in 7.10. For fiscal year 2022, we used approximately 3,199,000 MWh of electricity and had combined Scope 1 and Scope 2 emissions of 58,200 metric tons CO₂e. For fiscal year 2023, we used approximately 3,487,000 MWh of electricity and had combined Scope 1 and Scope 2 emissions of 58,600 metric tons CO₂e for an intensity figure of 0.0168 metric tons CO₂e per MWh.

[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 1

(7.53.1.2) Is this a science-based target?

Select from:

Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Apple_SBTi-Official-Target-Approval-Letter.pdf

(7.53.1.4) Target ambition

Select from:

1.5°C aligned

(7.53.1.5) Date target was set

04/22/2020

(7.53.1.6) Target coverage

Select from:

Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

Methane (CH₄)

Nitrous oxide (N₂O)

Carbon dioxide (CO₂)

Perfluorocarbons (PFCs)

Sulphur hexafluoride (SF₆)

Nitrogen trifluoride (NF₃)

- Hydrofluorocarbons (HFCs)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.53.1.9) Scope 2 accounting method

Select from:

- Market-based

(7.53.1.10) Scope 3 categories

Select all that apply

- Scope 3, Category 6 – Business travel
- Scope 3, Category 7 – Employee commuting
- Scope 3, Category 11 – Use of sold products
- Scope 3, Category 1 – Purchased goods and services
- Scope 3, Category 12 – End-of-life treatment of sold products
- Scope 3, Category 4 – Upstream transportation and distribution
- Scope 3, Category 9 – Downstream transportation and distribution

(7.53.1.11) End date of base year

09/28/2019

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

52730

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

0

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

18855000

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

45000

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

325500

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

194660

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

1400000

(7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

4100000

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

60000

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

24980160.000

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

25032890.000

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

100

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

100

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

100

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

100

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

100

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

100

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

100

(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

100

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

100

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

91

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

91

(7.53.1.54) End date of target

09/28/2030

(7.53.1.55) Targeted reduction from base year (%)

61.7

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

9587596.870

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

55200

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

3400

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

9400000

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

47000

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

225700

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

164100

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

1453000

(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

4600000

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

70000

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

15959800.000

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

16018400.000

(7.53.1.78) Land-related emissions covered by target

Select from:

Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)

(7.53.1.79) % of target achieved relative to base year

58.36

(7.53.1.80) Target status in reporting year

Select from:

Underway

(7.53.1.82) Explain target coverage and identify any exclusions

For years, we have increased energy efficiency and the use of renewable energy, yet we know we have to do more. That's why in 2020, we unveiled our most ambitious plan to date: to achieve carbon neutrality for our entire carbon footprint by fiscal year 2030. Our plan to reach neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our 2015 footprint. This reduction aligns with what current climate science shows is necessary to limit warming to 1.5 Celsius. The Science Based Targets initiative (SBTi) validated an emissions reduction target for Apple: 61.7 percent by fiscal year 2030 relative to our 2019 emissions. This target is company-wide, inclusive of scope 1, scope 2, and scope 3 emissions (including the life cycle of our products). We currently set an operational boundary for emissions and excludes the following scope 3 categories, as defined by the GHG Protocol, which collectively make up less than 10 percent of our 2015 base year scope 3 emissions currently: "capital goods" due to limited data availability, which limits our ability to influence these emissions, and "waste generated in operations," as these emissions are negligible. The following subset of greenhouse gas categories recognized in the Kyoto Protocol are included: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulphur hexafluoride (SF6), Nitrogen trifluoride (NF3). We've committed to achieve carbon neutrality for our entire carbon footprint by 2030 — reducing related emissions by 75 percent compared with 2015. In fiscal 2023, we've reduced our overall greenhouse gas emissions across scopes 1, 2, and 3 by more than 55 percent compared with our 2015 baseline year — not including

offsets. We estimate that we've avoided 31 million metric tons of emissions through reduction efforts like transitioning our supply chain to renewable electricity and sourcing recycled content.

(7.53.1.83) Target objective

We've committed to achieve carbon neutrality for our entire carbon footprint by 2030 — reducing related emissions by 75 percent compared with 2015. In fiscal 2023, we've reduced our overall greenhouse gas emissions across scopes 1, 2, and 3 by more than 55 percent compared with our 2015 baseline year — not including offsets. We estimate that we've avoided 31 million metric tons of emissions through reduction efforts like transitioning our supply chain to renewable electricity and sourcing recycled content.

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

Our plan to reach carbon neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our fiscal year 2015 carbon footprint. Our plan for reaching these goals is comprised of four pillars — the first three are aimed at reducing emissions, whereas the fourth (carbon removal) seeks to remove the remaining 25 percent carbon emissions that are difficult to avoid, like air travel. Pillar #1: Design & Materials: Designing products and manufacturing processes to be less carbon intensive through thoughtful material selection, increased material efficiency, greater product energy efficiency, the use of recycled and renewable materials in our products and packaging, and enhanced material recovery. Pillar #2: Electricity: Increasing energy efficiency at our facilities and in our supply chain, and transitioning the electricity in our entire product value chain — including manufacturing and our customers' product use — to 100 percent clean electricity by 2030. Pillar #3: Direct emissions: Reducing direct greenhouse gas emissions in our facilities and our supply chain through process innovation, emissions abatement, and shifting away from fossil fuels. Pillar #4: Carbon removal: In parallel with our emissions reduction efforts, scaling up investments in carbon removal projects, including nature-based solutions that protect and restore ecosystems around the world. As of fiscal year 2023, we've reduced our gross carbon footprint by 55 percent compared to fiscal year 2015. This reduction has been variable year over year: in recent years we have seen our footprint level out with the substantial growth of our business. However, we continue to scale the projects underpinning our 2030 carbon neutrality goal, in order to yield further reductions in the medium term.

(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 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

04/22/2020

(7.53.1.6) Target coverage

Select from:

- Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

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

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

Scope 3

(7.53.1.9) Scope 2 accounting method

Select from:

Market-based

(7.53.1.10) Scope 3 categories

Select all that apply

Scope 3, Category 6 – Business travel

Scope 3, Category 4 – Upstream transportation and distribution

Scope 3, Category 7 – Employee commuting

Scope 3, Category 9 – Downstream transportation and distribution

Scope 3, Category 11 – Use of sold products

Scope 3, Category 1 – Purchased goods and services

Scope 3, Category 12 – End-of-life treatment of sold products

(7.53.1.11) End date of base year

09/26/2015

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

28100

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

42460

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

29555000

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

45000

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

139900

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

173000

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

1300000

(7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

6600000

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

500000

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

38312900.000

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

38383460.000

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

100

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

100

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

100

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

100

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

100

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

100

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

100

(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

100

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

100

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

94

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

94

(7.53.1.54) End date of target

09/28/2030

(7.53.1.55) Targeted reduction from base year (%)

75

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

9595865.000

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

55200

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

3400

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

9400000

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

47000

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

225700

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

164100

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

1453000

(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

4600000

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

70000

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

15959800.000

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

16018400.000

(7.53.1.78) Land-related emissions covered by target

Select from:

Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)

(7.53.1.79) % of target achieved relative to base year

77.69

(7.53.1.80) Target status in reporting year

Select from:

Underway

(7.53.1.82) Explain target coverage and identify any exclusions

For years, we have increased energy efficiency and the use of renewable energy, yet we know we have to do more. That's why in 2020, we unveiled our most ambitious plan to date: to achieve carbon neutrality for our entire carbon footprint by fiscal year 2030. Our plan to reach neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our 2015 footprint. This reduction aligns with what current climate science shows is necessary to limit warming to 1.5 Celsius. The Science Based Targets initiative (SBTi) validated an emissions reduction target for Apple: 61.7 percent by fiscal year 2030 relative to our 2019 emissions. This target is company-wide, inclusive of scope 1, scope 2, and scope 3 emissions (including the life cycle of our products). We currently set an operational boundary for emissions and excludes the following scope 3 categories, as defined by the GHG Protocol, which collectively make up less than 10 percent of our 2015 base year scope 3 emissions currently: "capital goods" due to limited data availability, which limits our ability to influence these emissions, and "waste generated in operations," as these emissions are negligible. The following subset of greenhouse gas categories recognized in the Kyoto Protocol are included: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulphur hexafluoride (SF6), Nitrogen trifluoride (NF3). We've committed to achieve carbon neutrality for our entire carbon footprint by 2030 — reducing related emissions by 75 percent compared with 2015. In fiscal 2023, we've reduced our overall greenhouse gas emissions across scopes 1, 2, and 3 by more than 55 percent compared with our 2015 baseline year — not including offsets. We estimate that we've avoided 31 million metric tons of emissions through reduction efforts like transitioning our supply chain to renewable electricity and sourcing recycled content.

(7.53.1.83) Target objective

We've committed to achieve carbon neutrality for our entire carbon footprint by 2030 — reducing related emissions by 75 percent compared with 2015. In fiscal 2023, we've reduced our overall greenhouse gas emissions across scopes 1, 2, and 3 by more than 55 percent compared with our 2015 baseline year — not including offsets. We estimate that we've avoided 31 million metric tons of emissions through reduction efforts like transitioning our supply chain to renewable electricity and sourcing recycled content.

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

Our plan to reach carbon neutrality by fiscal year 2030 centers around our strategy to reduce emissions by 75 percent, relative to our fiscal year 2015 carbon footprint. Our plan for reaching these goals is comprised of four pillars — the first three are aimed at reducing emissions, whereas the fourth (carbon removal) seeks to remove the remaining 25 percent carbon emissions that are difficult to avoid, like air travel. Pillar #1: Design & Materials: Designing products and manufacturing processes to be less carbon intensive through thoughtful material selection, increased material efficiency, greater product energy efficiency, the use of recycled and renewable materials in our products and packaging, and enhanced material recovery. Pillar #2: Electricity: Increasing energy efficiency at our facilities and in our supply chain, and transitioning the electricity in our entire product value chain — including manufacturing and our customers' product use — to 100 percent clean electricity by 2030. Pillar #3: Direct emissions: Reducing direct greenhouse gas emissions in our facilities and our supply chain through process innovation, emissions abatement, and shifting away from fossil fuels. Pillar #4: Carbon removal: In parallel with our emissions reduction efforts, scaling up investments in carbon removal projects, including nature-based solutions that protect and restore ecosystems around the world. As of fiscal year 2023, we've reduced our gross carbon footprint by 55 percent compared to fiscal year 2015. This reduction has been variable year over year: in recent years we have seen our footprint level out with the substantial growth of our business. However, we continue to scale the projects underpinning our 2030 carbon neutrality goal, in order to yield further reductions in the medium term.

(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

(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

09/24/2011

(7.54.1.3) Target coverage

Select from:

Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:

Electricity

(7.54.1.5) Target type: activity

Select from:

Consumption

(7.54.1.6) Target type: energy source

Select from:

Renewable energy source(s) only

(7.54.1.7) End date of base year

09/24/2011

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

154273

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

(7.54.1.10) End date of target

09/25/2021

(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

100

(7.54.1.13) % of target achieved relative to base year

100.00

(7.54.1.14) Target status in reporting year

Select from:

Achieved and maintained

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

Abs 1

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

Select all that apply

RE100

Science Based Targets initiative

(7.54.1.18) Science Based Targets initiative official validation letter

Apple_SBTi-Official-Target-Approval-Letter.pdf

(7.54.1.19) Explain target coverage and identify any exclusions

Our target is a company-wide target. We have additionally committed through the Science Based Targets initiatives to maintain our use of 100 percent renewable electricity for our facilities through 2030.

(7.54.1.20) Target objective

We set an ambitious goal to source 100% of our global facilities with 100% renewable energy. We reached this goal in 2018 and have since maintained it.

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

Apple-created renewable electricity projects largely contributed to achieving the sourcing of 100 percent renewable electricity for our facilities, including data centers, offices, and Apple Stores. In total, Apple-created renewable sources account for about 91 percent of the renewable electricity our facilities use — around 1.6 gigawatts currently in use. To cover any gaps in our renewable energy needs beyond what's provided by Apple-created projects (about 5 percent of our total corporate load in fiscal year 2023), we directly purchase renewable electricity through available utility green energy programs. Colocation and distribution facility vendors also supply about 3 percent of our total load of renewable energy. And in certain situations, we purchase RECs — for example, when we need to cover usage over the short term, before a renewable energy project comes online or when there's a lack of availability of renewable energy projects in-region. These RECs, which account for about 2 percent of our total load, must be tied to recently constructed projects and be Green-e Energy certified, where available. These purchases are subject to the same standards as our Apple-created renewables. Appendix A of Apple's 2024 Environmental Progress Report provides additional details on Apple's renewable energy solutions.

[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	9	5052105
Implementation commenced	0	0
Implemented	9	28273649
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

Energy efficiency in buildings

Heating, Ventilation and Air Conditioning (HVAC)

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

27000

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

Select all that apply

Scope 1

Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

4500000

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

18000000

(7.55.2.7) Payback period

Select from:

4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

11-15 years

(7.55.2.9) Comment

Apple's energy efficiency program targets natural gas and electricity use at data centers, retail stores, offices, and R&D facilities located around the world. Initiatives address primarily Scope 2 emissions, but some Scope 1 emissions to a lesser extent as well. For existing buildings, we take a methodical approach, auditing building performance, and then deploying identified energy reduction measures. For new buildings and substantial renovations, we integrate energy efficiency early in the design process when developing new offices or Apple stores, facilitating design that accommodates local conditions, such as temperature and humidity. And once a building is operational, we continue to monitor energy performance to ensure it is performing optimally throughout its lifetime. In fiscal year 2023, our energy efficiency program avoided 41 million kilowatt-hours of electricity, which includes savings from the efficient servers, and 100,500 therms of natural gas through adjustments made to 6.7 million square feet of new and existing buildings. Together, these recent initiatives will avoid an additional 27,000 metric tons of CO₂e per year. Our estimated annual monetary savings is 4.5M USD and estimated investment required is 18M USD with a payback period averaging around 4 years and a range of immediate payback to 10 years. Due to CDP response option constraints, the chosen selection in this response reflects the closest option available: 4-10 years.

Row 2

(7.55.2.1) Initiative category & Initiative type

Transportation

Other, please specify :Use of Renewable Electricity - Wind, Solar, Green utility and REC purchases

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

2080000

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

Select all that apply

Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

(7.55.2.9) Comment

Facilities renewable energy projects: we've undertaken a number of renewable energy projects to maintain our 100% renewable energy goal for our corporate facilities, including offices, retail stores, and data centers. These projects include solar PV or wind projects worldwide. In addition, Apple signed up for green utility programs for some of our meters to receive 100% renewables from utility suppliers. Apple also made unbundled Renewable Energy Certificate purchases in various markets to ensure we meet our renewable goals. The above initiatives primarily address Apple's scope 2 emissions. Apple participates in renewable projects in many ways, PPA, VPPA, and long term environmental attributes off-take. Through Apple's participation, we aim to provide a stable cashflow to the projects, therefore, helping the projects to secure long term financing, which will support adding new renewable energy to the grid. These renewable energy projects are not structured as capital expenditures and therefore do not represent investments. Rather, they are structured as operational expenses. Overall savings from use of renewable electricity in fiscal year 2023 were 2,080,000 metric tons of CO2e.

Row 3

(7.55.2.1) Initiative category & Initiative type

Waste reduction and material circularity

Other, please specify :Use of recycled and low carbon materials

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

5800000

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

Select all that apply

Scope 3 category 1: Purchased goods & services

(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:

No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

(7.55.2.9) Comment

We're reducing the carbon footprint of our products through the materials we select. Our strategy is to transition to materials that are manufactured using low-carbon energy and recycled content. We've prioritized the materials and components that make up a large part of our product carbon footprint to move us closer to our goal of carbon neutrality. Our use of aluminum exemplifies Apple's comprehensive approach: We're transitioning to recycled content, and where we haven't yet, we're moving to low-carbon suppliers and exploring technological innovations to decarbonize — like ELYSIS aluminum, which was smelted without generating greenhouse gas emissions (see page 33 of our 2024 Environmental Progress Report). We've continued to introduce 100 percent recycled aluminum in the enclosures of Apple products: Mac Studio now uses 100 percent recycled aluminum in its enclosure — joining Apple Watch Series 9, Apple Watch SE, iPad, MacBook Air, Mac mini, the Siri Remote, and MacBook Pro. In addition, the new iMac contains 100 percent recycled aluminum in the stand. And with iPhone 15, we've increased recycled content by using 75 percent recycled aluminum in the enclosure.

Row 4

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Other, please specify :HVAC optimization, efficient lighting and controls, building envelope and glazing, building controls, energy modeling, and energy audits

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

1700000

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

Select all that apply

Scope 3 category 1: Purchased goods & services

(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:

No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

(7.55.2.9) Comment

The Supplier Energy Efficiency Program, launched in 2015, exists to help our suppliers optimize their energy use. Implementing energy efficiencies reduces the energy intensity of manufacturing, which translates to reduced carbon emissions. In fiscal year 2023, more than 100 supplier facilities participated in our energy efficiency program, achieving more than 2 billion kilowatt-hours of electricity savings and more than 2,200,000 MMBtu in additional energy savings. Together, we estimate that this avoided nearly 1.7 million metric tons of CO₂e, representing a 25 percent increase since 2022. However, we report here only the incremental increase in annual emissions savings compared to last year per CDP guidance. Relevant investments were made by our suppliers, not Apple, and so there is no Apple investment or cost savings to report and no payback period applies.

Row 5

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

Other, please specify :Solar PV, Solar CSP, Wind, Hydropower, Biomass

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

18500000

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

Select all that apply

Scope 3 category 1: Purchased goods & services

(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)

(7.55.2.7) Payback period

Select from:

 No payback**(7.55.2.8) Estimated lifetime of the initiative**

Select from:

 Ongoing**(7.55.2.9) Comment**

We launched the Supplier Clean Energy Program in October 2015 to advance the use of clean energy in our supply chain. Through this program, Apple supports supplier transitions to clean energy. We work with them to advocate for policy change in key markets. We connect suppliers with high-quality clean energy projects and developers, and we educate suppliers on how they can take full advantage of the benefits of clean energy. As of March 2024, over 320 manufacturing partners have committed to 100 percent renewable energy for Apple production. The Supplier Clean Energy Program now has more than 21 gigawatts of clean energy commitments, of which 16.5 are already operational. In fiscal year 2023, the 16.5 gigawatts of renewable energy procured by suppliers and online in Apple's supply chain generated 25.5 million megawatt-hours of clean energy, avoiding 18.5 million metric tons of greenhouse gas emissions — a 6.5 percent increase over fiscal year 2022. Suppliers are responsible for the financial investments in clean energy projects and benefit from any monetary savings. Because supplier investments and potential savings are unknown, we are unable to estimate the total investments and savings associated with the clean energy program. All emissions reductions from the Supplier Clean Energy Program are assured by a third party. Per CDP guidance, we only report incremental emissions savings from initiatives that became operational during the reporting year.

Row 6**(7.55.2.1) Initiative category & Initiative type****Transportation** Other, please specify :Product use clean Energy**(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)**

50000

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

Select all that apply

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)

0

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

0

(7.55.2.7) Payback period

Select from:

No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

(7.55.2.9) Comment

Designing energy-efficient products even as we continually enhance performance represents another essential pillar of our approach to carbon neutrality. While this is a continual effort with each new generation of products, since 2008, we've reduced average product energy use by over 70 percent. These projects are operating expenditures, not capital expenditures, so they do not require a capital investment. They also do not generate monetary savings for Apple and therefore the payback period does not apply.

[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:

- Compliance with regulatory requirements/standards

(7.55.3.2) Comment

We always use the state's standards for determining eligibility of renewable resources; abide by Green-e requirements.

Row 2

(7.55.3.1) Method

Select from:

- Dedicated budget for low-carbon product R&D

(7.55.3.2) Comment

Research and Development for new materials and processes with lower carbon emissions.

Row 3

(7.55.3.1) Method

Select from:

- Internal incentives/recognition programs

(7.55.3.2) Comment

In the form of Company-wide publicly-stated goals, internal targets, and annual reporting.

Row 4

(7.55.3.1) Method

Select from:

- Lower return on investment (ROI) specification

(7.55.3.2) Comment

ROI is not the only criteria for selecting emissions reduction investments.

Row 5

(7.55.3.1) Method

Select from:

- Other :Calculation of a comprehensive carbon footprint

(7.55.3.2) Comment

We calculate a comprehensive carbon footprint using product life cycle analyses, which enables us to prioritize investments.
[Add row]

(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:

- Green Bond Principles (ICMA)

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

Other

- Other, please specify :Electronics Hardware

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

Apple has committed to transitioning all of the materials in Apple products to recycled or renewable content. We included recycled content in all iPad and iPhone devices shipped in fiscal year 2023. Under the Green Bond Principles, this category of projects would fall under "pollution prevention and control", as they seek to minimize resource use and reduce emissions.

(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 :ISO14040/14044: Environmental management –Life cycle assessment –Principles and framework/Requirements and guidelines; ISO 14064-3: Greenhouse gases –Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

(7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Select from:

Cradle-to-grave

(7.74.1.8) Functional unit used

We calculated product life cycle emissions for all iPad and iPhone devices sold in fiscal year 2023, accounting for the use of recycled content and low carbon aluminum (which is smelted using low-carbon sources of electricity). The same assumptions are used for each stage of the product life cycle.

(7.74.1.9) Reference product/service or baseline scenario used

We estimated product-related emissions for all iPad and iPhone devices sold in the current reporting year (fiscal year 2023), without the carbon savings from use of recycled content or low carbon aluminum. The same assumptions are used for each stage of the product life cycle for the functional units as for the reference units.

(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario

Select from:

Cradle-to-grave

(7.74.1.11) Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

3100000

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

We calculated carbon emissions savings from transitioning to recycled materials or use of low-carbon aluminum in iPad and iPhone, for those products that sold in fiscal year 2023.

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

60

[Add row]

(7.79) Has your organization canceled any project-based carbon credits within the reporting year?

Select from:

Yes

(7.79.1) Provide details of the project-based carbon credits canceled by your organization in the reporting year.

Row 1

(7.79.1.1) Project type

Select from:

Agriculture

(7.79.1.2) Type of mitigation activity

Select from:

Carbon removal

(7.79.1.3) Project description

The Chyulu Hills REDD Project (CHRP) is a multi-partner initiative designed to promote climate change mitigation and adaptation, restore biodiversity, and create alternative livelihoods under the UN scheme of Reducing Emissions from Deforestation and forest Degradation (REDD). It's located in the Tsavo-Amboseli ecosystem in southeastern Kenya and stretches over an area of over 410,000 hectares. Its main geographic feature is the volcanic Chyulu Hills mountain range, from which the project derives its name. This project presents a broad ecosystem approach, including REDD, to provide long-term sustainable financing and management to maintain the ecological integrity of an iconic African landscape. The project will help protect a very high-value wildlife and biodiversity area while supporting the development needs of Indigenous and other local communities.

(7.79.1.4) Credits canceled by your organization from this project in the reporting year (metric tons CO2e)

230000

(7.79.1.5) Purpose of cancellation

Select from:

Voluntary offsetting

(7.79.1.6) Are you able to report the vintage of the credits at cancelation?

Select from:

Yes

(7.79.1.7) Vintage of credits at cancelation

2018

(7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Issued

(7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

VCS (Verified Carbon Standard)

(7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

Consideration of legal requirements

Investment analysis

Barrier analysis

(7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

Monitoring and compensation

(7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

Activity-shifting

- Market leakage

(7.79.1.13) Provide details of other issues the selected program requires projects to address

This project presents a broad ecosystem approach, including REDD, to provide long-term sustainable financing and management to maintain the ecological integrity of an iconic African landscape. The project will help protect a very high-value wildlife and biodiversity area while supporting the development needs of Indigenous and other local communities.

(7.79.1.14) Please explain

Apple is unequivocal in our priority: Emissions reductions take precedence over carbon removal. We're striving to reduce direct greenhouse gas emissions in our facilities, and we're supporting emissions reductions in our supply chain through process innovation, direct emissions abatement, and transitioning to clean energy. But even with these comprehensive measures, some emissions in our value chain can't yet be avoided. We aim to reduce emissions by 75 percent compared with our 2015 footprint by 2030. To achieve carbon neutrality across our value chain, we'll voluntarily balance the remaining unavoidable emissions with high-quality carbon removal credits. We're pursuing opportunities for carbon removal through the following efforts: Exploring and addressing carbon removal solutions: Recognizing that achieving global climate targets will require pursuing all carbon removal strategies and considering options consistent with the Intergovernmental Panel on Climate Change's (IPCC) position that all pathways limiting warming to 1.5 C require carbon removal for unavoidable emissions. Then, evaluating each option against five key criteria: stage of development, scalability, durability, carbon methodology, and co-benefits. Addressing unavoidable emissions: Working toward our goal to scale up high-quality nature-based projects while putting robust standards in place to ensure the integrity of carbon removals. And building capacity for partners that support nature-based carbon removal implementation to help enable these efforts to grow beyond Apple's demand. Investing in nature-based carbon removal projects: Engaging with projects that offer important ecological and social benefits while providing economic development opportunities for local communities. Seeking to align carbon market impact with investment capital by addressing three main barriers facing nature-based solutions: scale, quality, and capacity in order to grow nature-based carbon removals well beyond the current scale of voluntary carbon markets. Read more about our work in the Apple's Carbon Removal Strategy white paper: https://www.apple.com/environment/pdf/Apples_Carbon_Removal_Strategy_White_Paper.pdf

Row 2

(7.79.1.1) Project type

Select from:

- Agriculture

(7.79.1.2) Type of mitigation activity

Select from:

- Carbon removal

(7.79.1.3) Project description

The Guinan Afforestation Project is located in the Guizhou Province of China and contributes to carbon removal and local sustainable development by planting trees on the barren lands. The project is planting across 46,000 ha on barren hills and degraded lands.

(7.79.1.4) Credits canceled by your organization from this project in the reporting year (metric tons CO2e)

255000

(7.79.1.5) Purpose of cancelation

Select from:

Voluntary offsetting

(7.79.1.6) Are you able to report the vintage of the credits at cancelation?

Select from:

Yes

(7.79.1.7) Vintage of credits at cancelation

2019

(7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Issued

(7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

VCS (Verified Carbon Standard)

(7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

- Consideration of legal requirements
- Investment analysis
- Barrier analysis

(7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

- Monitoring and compensation

(7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

- Activity-shifting

(7.79.1.13) Provide details of other issues the selected program requires projects to address

The project activity aims to enhance biodiversity conservation by increasing the connectivity of forests, improve soil and water conservation, and generate income and job opportunities for local communities.

(7.79.1.14) Please explain

Apple is unequivocal in our priority: Emissions reductions take precedence over carbon removal. We're striving to reduce direct greenhouse gas emissions in our facilities, and we're supporting emissions reductions in our supply chain through process innovation, direct emissions abatement, and transitioning to clean energy. But even with these comprehensive measures, some emissions in our value chain can't yet be avoided. We aim to reduce emissions by 75 percent compared with our 2015 footprint by 2030. To achieve carbon neutrality across our value chain, we'll voluntarily balance the remaining unavoidable emissions with high-quality carbon removal credits. We're pursuing opportunities for carbon removal through the following efforts: Exploring and addressing carbon removal solutions: Recognizing that achieving global climate targets will require pursuing all carbon removal strategies and considering options consistent with the Intergovernmental Panel on Climate Change's (IPCC) position that all pathways limiting warming to 1.5 C require carbon removal for unavoidable emissions. Then, evaluating each option against five key criteria: stage of development, scalability, durability, carbon methodology, and co-benefits. Addressing unavoidable emissions: Working toward our goal to scale up high-quality nature-based projects while putting robust standards in place to ensure the integrity of carbon removals. And building capacity for partners that support nature-based carbon removal implementation to help enable these efforts to grow beyond Apple's demand. Investing in nature-based carbon removal projects: Engaging with projects that offer important ecological and social benefits while providing economic development opportunities for local communities. Seeking to align carbon market impact with investment capital by addressing three main barriers facing nature-based solutions: scale, quality, and capacity in order to grow nature-based carbon removals well beyond the current scale of voluntary carbon markets. Read more about our work in the Apple's Carbon Removal Strategy white paper: https://www.apple.com/environment/pdf/Apples_Carbon_Removal_Strategy_White_Paper.pdf Please note that the vintage of credits at cancellation are 2019, 2020, and 2021. Per CDP guidance, the oldest vintage was selected in this response.

[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: <input checked="" type="checkbox"/> 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

(13.1.1.3) Verification/assurance standard

General standards

ISAE 3000

Climate change-related standards

ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

Total natural gas consumption.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

Apple FY2023 CCF Assurance Statement.pdf

[Add 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, Environment, Policy and Social Initiatives

(13.3.2) Corresponding job category

Select from:

Chief Sustainability Officer (CSO)

[Fixed row]

