Equity Residential

2024 CDP Corporate Questionnaire 2024

Important: this export excludes unanswered questions
This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.
Terms of disclosure for corporate questionnaire 2024 - CDP

Contents

C1. Introduction

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

Select from:
☑ English

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

Select from:
☑ USD

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

(1.3.2) Organization type

Select from:
☑ Publicly traded organization

(1.3.3) Description of organization

Equity Residential ("Equity Residential," also referenced throughout as "we" or "our") is an S&P 500 company focused on the acquisition, development and management of apartment properties located in and around dynamic cities that attract affluent long-term renters. As of December 31, 2023, Equity Residential owns and operates 302 properties consisting of 80,191 apartment units with an established presence in Boston, New York, Washington, D.C., Seattle, San Francisco and Southern California and an expanding presence in Denver, Atlanta, Dallas/Ft. Worth and Austin. Please see our Corporate Responsibility page, including our latest Corporate Responsibility Report and climate information, for more information:
https://investors.equityapartments.com/Corporate-Responsibility/Introduction/default.aspx
[Fixed row]

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

(1.4.1) End date of reporting year

12/31/2023

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

Select from:

☑ Yes

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

Select from:

☑ Yes

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

Select from:

☑ 5 years

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

Select from:

☑ 5 years

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

Select from:

☑ 5 years

[Fixed row]

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

2873964000

(1.5) Provide details on your reporting boundary.

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

[Fixed row]

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

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ Yes

(1.6.2) Provide your unique identifier

NYSE: EQR

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No
[Add row]

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

Select all that apply
☑ United States of America

(1.15) Which real estate and/or construction activities does your organization engage in?

Select all that apply
☑ New construction or major renovation of buildings
☑ Buildings management

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

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

(1.24.2) Value chain stages covered in mapping

Select all that apply
☑ Upstream value chain

(1.24.3) Highest supplier tier mapped

Select from:
☑ Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:
☑ All supplier tiers known have been mapped

(1.24.7) Description of mapping process and coverage

Equity Residential has done upstream mapping of its Tier-1 suppliers to understand
[Fixed row]

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

(1.24.1.1) Plastics mapping

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

(1.24.1.5) Primary reason for not mapping plastics in your value chain

Select from:
☑ Not an immediate strategic priority

(1.24.1.6) Explain why your organization has not mapped plastics in your value chain

Equity Residential directly engages with hundreds of third-party suppliers for the procurement of materials and services for the construction of new development projects and ongoing operation of existing buildings. Equity Residential prefers natural fabrics, such as wool, cotton, linen, or natural blends, where possible and avoids blends of plastics, such as nylon, polyester, polyurethane, acrylic, or PET for Design Standards, thus plastics are not a most significant stream of materials used in our business. As we build out a more robust supplier engagement program and better understand the materials procured through our upstream value chain, increased opportunities will be available to minimize our environmental impact and endeavor to use more sustainable products.
[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)

1

(2.1.3) To (years)

3

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

Risks are prioritized based on their perceived magnitude of impact to the business and their impact time horizon. We consider 1-3 years as “short-term,” which include the time frame for an increase in likelihood of storm surge, flooding, and/or wildfire for a few of our properties. This also is the timeframe used when assessing high ROI efficiency projects.

Medium-term

(2.1.1) From (years)

4

(2.1.3) To (years)

9

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

Risks are prioritized based on their perceived magnitude of impact to the business and their impact time horizon. We consider 4-9 years as "medium-term," and associated with our emissions reduction targets, the timeframe for when most of our portfolio may be in areas with building energy performance standards (BEPs), and one of the closer time horizons used for our climate risk scenario analysis. This is also the time frame used when assessing renewable energy or other onsite energy projects.

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)

15

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

Risks are prioritized based on their perceived magnitude of impact to the business and their impact time horizon. We consider 10-15 years as "long-term," which is the timeframe that may lead to reduced asset valuations for real estate in certain asset classes if perceived to be relatively more carbon intensive or due to shifts in customer preferences for different markets less susceptible to climate related risks.
[Fixed row]

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

(2.2.1) Process in place

Select from:
☑ Yes

(2.2.2) Dependencies and/or impacts evaluated in this process

Select from:
☑ Impacts only

(2.2.4) Primary reason for not evaluating dependencies and/or impacts

Select from:
☑ Not an immediate strategic priority

(2.2.5) Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future

At the moment, Equity Residential has focused primarily on environmental impacts across our business. However, we've begun to consider environmental dependencies as well, an example of which is our stormwater management program. This program illustrates how certain components of our business have incorporated environmental events (i.e. stormwater) into our operational considerations. We have identified stormwater systems throughout our portfolio, and we oversee management of the systems to ensure they are maintained appropriately. Requirements for regulated stormwater systems have been identified and they are integrated into our scheduled maintenance platform so that requirements are budgeted for and completed as required in order to reduce flood risk, maintain appropriate filtration, and meet stormwater water quality discharge requirements as required by the local municipalities.
[Fixed row]

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

(2.2.1.1) Process in place

Select from:
☑ Yes

(2.2.1.2) Risks and/or opportunities evaluated in this process

Select from:
☑ Both risks and opportunities

(2.2.1.3) Is this process informed by the dependencies and/or impacts process?

Select from:
☑ No

(2.2.1.6) Explain why you do not have a process for evaluating both risks and opportunities that is informed by a dependencies and/or impacts process

The climate-related risks and opportunities we currently evaluate are focused on the financial impact of risks on our direct operations, such as the impact of flooding and wildfire hazards. We also considered the impact of our resource use on the planet and society when we set our SBTi-validated emissions reduction targets, as well as our energy, water, and waste targets. We have not developed a systematic process to evaluate these in tandem with other dependencies.
[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
☑ Impacts
☑ Risks
☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply
☑ Direct operations
☑ Upstream value chain

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:
☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply
☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:
☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:
☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply
☑ Short-term
☑ Medium-term
☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:
☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply
☑ Site-specific

(2.2.2.12) Tools and methods used

Commercially/publicly available tools
☑ IBAT for Business
☑ Other commercially/publicly available tools, please specify :MunichRe

Enterprise Risk Management
☑ Enterprise Risk Management

International methodologies and standards
☑ IPCC Climate Change Projections
☑ ISO 14001 Environmental Management Standard
☑ Life Cycle Assessment

Other
☑ Scenario analysis
☑ Desk-based research
☑ External consultants
☑ Materiality assessment
☑ Internal company methods
☑ Jurisdictional/landscape assessment

(2.2.2.13) Risk types and criteria considered

Acute physical
☑ Drought
☑ Wildfires
☑ Heat waves
☑ Heavy precipitation (rain, hail, snow/ice)
☑ Flood (coastal, fluvial, pluvial, ground water)
☑ Storm (including blizzards, dust, and sandstorms)

Chronic physical
☑ Heat stress
☑ Changing precipitation patterns and types (rain, hail, snow/ice)

☑ Water stress
☑ Sea level rise
☑ Precipitation or hydrological variability
☑ Increased severity of extreme weather events

Policy
☑ Carbon pricing mechanisms
☑ Changes to national legislation
☑ Lack of mature certification and sustainability standards
☑ Other policy, please specify **:**Stricter emissions-related regulatory obligations

Market
☑ Availability and/or increased cost of raw materials
☑ Changing customer behavior
☑ Other market, please specify **:**Reduced asset value if perceived more carbon intensive

Reputation
☑ Other reputation, please specify **:**Increased risk to reputation and public perception from not being able to adequately prepare to address climate-related regulations

Technology
☑ Transition to lower emissions technology and products

Liability
☑ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply
☑ Customers
☑ Employees
☑ Regulators

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

Select from:
☑ No

(2.2.2.16) Further details of process

Equity Residential's resilience program is designed to prepare our portfolio to withstand future climate risk impacts and to inform future investment decisions. It follows the following process: 1. Portfolio Risk Study: We evaluate our operating portfolio for flood, wildfire, extreme heat and drought risk using a conservative emissions scenario (RCP4.5) to determine impact. Properties are assigned a risk rating based on the potential hazard, building vulnerability, and consequence. Risk is based on physical damage to the property. 2. Risk Evaluation: We then conduct an evaluation to determine whether to accept, mitigate, or adjust our hold strategy for a particular property. 3. Actions Taken: Depending on each property's risk evaluation, Equity Residential undertakes specific actions. For properties with minimal risk, the cost to mitigate may not be worth the incremental benefit. With more moderate risk potential, we identify solutions through a cost-benefit analysis with a thoughtful approach to execution. For those with particularly high risk or high costs to mitigate, we consider expedited disposition of the particular property. 4. Long-term Planning: For new acquisitions and developments, we complete a resilience analysis during due diligence to identify potential risk. We also have Sustainability Design Guidelines that ensure developments, capital projects, and operations mitigate long-term impacts. Lastly, we conduct evaluations when considering new markets which include technical reviews of market-wide resilience risks.
[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:
☑ No

(2.2.7.3) Primary reason for not assessing interconnections between environmental dependencies, impacts, risks and/or opportunities

Select from:
☑ No standardized procedure

(2.2.7.4) Explain why you do not assess the interconnections between environmental dependencies, impacts, risks and/or opportunities

Equity Residential assesses impacts, risks and opportunities but is yet to examine our dependencies. As we work to build this into our climate risk processes, we will seek to assess the interconnections across dependencies, impacts, risks, and/or opportunities.

[Fixed row]

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

(2.3.1) Identification of priority locations

Select from:
☑ Yes, we have identified priority locations

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

Select all that apply
☑ Direct operations

(2.3.3) Types of priority locations identified

Locations with substantive dependencies, impacts, risks, and/or opportunities
☑ Other location with substantive nature-related dependencies, impacts, risks, and/or opportunities, please specify **:**Locations with opportunities for greater efficiency and those with medium to high risk from flooding/wildfire

(2.3.4) Description of process to identify priority locations

As part of our due diligence process and regular climate risk assessments, we identify properties in our portfolio that are especially prone to climate risks such as wildfire and flooding, as well as those that have the potential for improved energy efficiency upgrades. In addition, EQR conducts feasibility assessments to protect natural spaces and limit the development of greenfield sites.

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

Select from:
☑ No, we have a list/geospatial map of priority locations, but we will not be disclosing it
[Fixed row]

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

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Other, please specify :Predicted average annual loss (AAL), which is based on the replacement value of each building

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ Less than 1%

(2.4.6) Metrics considered in definition

Select all that apply

☑ Likelihood of effect occurring

(2.4.7) Application of definition

Equity Residential evaluates substantive financial or strategic impact on our business of climate risk by evaluating both quantitative and qualitative impacts on our business. From a quantitative perspective, EQR first assesses the probability of an impact and its likelihood of occurrence. If a risk is likely to occur (50%), the potential magnitude is quantified with a substantive financial impact defined as a 5% or more impact on annual Funds from Operations and/or 5% impact on our enterprise value. In addition to specific financial metrics or to the extent that the aforementioned threshold is not met, we also qualitatively evaluate strategic impact by assessing reputational factors, regulatory changes or shifts in customer preferences that could ultimately result in a substantive impact on the Company's business. These thresholds are defined annually.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Other, please specify **:**Net Operating Income

(2.4.3) Change to indicator

Select from:

☑ Absolute increase

(2.4.5) Absolute increase/ decrease figure

20000

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

Equity Residential evaluates substantive financial or strategic effect of climate opportunity by examining both quantitative and qualitative impacts on our business. From a quantitative perspective, Equity Residential first assesses the time horizon of the opportunity. If an opportunity has the potential for greater than 20,000 in expected Net Operating Income, it counts as having a substantive effect on the Company. In addition to specific financial metrics or to the extent that the aforementioned threshold is not met, we also qualitatively evaluate strategic effect by assessing reputational factors, regulatory changes or shifts in customer preferences that could ultimately result in a substantive effect on the Company's business.

[Add row]

C3. Disclosure of risks and opportunities

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

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, only within our direct operations

(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:

☑ Not an immediate strategic priority

(3.1.3) Please explain

Equity Residential conducted a portfolio-wide climate-risk assessment, deeper financial impact assessments for all of our assets, and are developing mitigation and resilience next steps by end of 2025 for all assets that Equity has determined are medium to high-risk by our internal definition. We have not yet conducted an assessment of all of the potential risks associated in our upstream/downstream value chain.

Plastics

(3.1.1) Environmental risks identified

Select from:

☑ No

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

Select from:
☑ Not an immediate strategic priority

(3.1.3) Please explain

Plastics are not the most significant stream of materials used in our business or in our supply chain. As we build out a more robust supplier engagement program and better understand the materials procured through our upstream value chain, we intend to ensure guidance is in place to minimize our environmental impact and endeavor to use more sustainable products.
[Fixed row]

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

Climate change

(3.1.1.1) Risk identifier

Select from:
☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy
☑ Changes to regulation of existing products and services

(3.1.1.4) Value chain stage where the risk occurs

Select from:
☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Driven by regulatory focus on reducing emissions and enhancing transparency of emissions disclosures, many jurisdictions we operate in have emissions-related regulatory reporting obligations. Of these, building energy performance standards (BEPS) specifically in Boston, New York City, Washington DC, Denver, and Seattle (BERDO, Local Law 97, DC BEPS, EnergizeDenver, and SEBC respectively) will impact the buildings in our portfolio. Across our portfolio, climate-related building energy performance standards that require buildings to perform more efficiently require us to increase our capital expenditures to ensure they are compliant with progressively stricter regulations. Approximately 27% of our portfolio is subject to these five current regulations. Based on today's known regulations and conditions we estimate approximately 55 properties will be out of compliance at various times through 2032 if no mitigation work is done.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased compliance costs

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

Select all that apply

☑ Short-term

☑ Medium-term

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

Select from:

☑ Very likely

(3.1.1.14) Magnitude

Select from:

☑ High

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

Equity Residential is focused on implementing operational, low/no-cost initiatives at the present moment, with the understanding that there may be additional capex needed to be deployed in future years, particularly as intensity thresholds become more stringent for future compliance cycles.

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

Select from:
☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

1400000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

1400000

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

18000000

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

18000000

(3.1.1.25) Explanation of financial effect figure

The financial impact of current building energy performance standards in Boston, New York City, Washington DC, Denver and Seattle was calculated as part of a portfolio-wide risk assessment of sustainability-related building regulations. We identified which assets will be non-compliant with the first phase of regulations starting in 2024, through 2026, defined as short-term in this response, as well as those that will be non-compliant afterwards, including for some second phases of the regulations, starting from 2027 through 2032, defined as medium-term in this response, with information that we have today for jurisdictions for which these standards are currently finalized. Based on the fine structure of each jurisdiction and the extent in which these identified assets will be non-compliant if no mitigation work, i.e. operational or capital energy or GHG related reduction measures, are done between now and 2032, we calculated the total estimated financial impact of all non-compliant assets in a given year. Though the specific calculation varies by jurisdiction, an example of how this was calculated for our New York City assets is

described here. Under New York City's Local Law 97, each property that exceeds the 2024 emissions intensity cap for their property type (as determined by the City) is deemed noncompliant. To calculate the estimated fine, we take 1) how much each property exceeds their respective 2024 intensity cap in total mtCO2e and 2) multiply it by the city's fine of 248 per mtCO2e of emissions exceeding the cap. For New York City, emissions intensity caps are reduced in 2030, and so on, and are considered in our calculations for estimated financial impact on an asset-by-asset level.

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Implementation of environmental best practices in direct operations

(3.1.1.27) Cost of response to risk

1700000

(3.1.1.28) Explanation of cost calculation

As a way for us to begin to understand the capital lift needed for compliance we start with energy and compliance audits and related energy simulations to model out different energy conservation measures, energy impact and potential pathways to meet the regulatory target. We've already completed numerous audits in our various markets and they average about 31,000 per asset, or about 1,700,000 across the approximately 55 assets in our portfolio that are likely to be non-compliant with their respective building energy performance standards through 2032. This is based on current knowledge in the five markets where energy performance standards are currently finalized and some of these properties may end up needing audits upon future review.

(3.1.1.29) Description of response

Our Building Energy Performance Standards (BEPS) strategy is focused on maximizing operational energy efficiency and regulatory alternative compliance options before capital deployment. We start with advocacy at the local level, working with policy makers and local industry associations to outline our shared climate objectives and identifying low or no cost operational changes and improvements and/or alternative compliance options that allow for more flexibility in timing or approach. Once we've exhausted all other options, we look to execute capital plans that align with the natural equipment replacement lifecycle. To mitigate the potential financial impact of current BEPS across properties in jurisdictions with such standards, we are identifying measures that need to be implemented through technical building audits (aligned with ASHRAE Level II in some instances) across assets that we have identified may be non-compliant with their corresponding BEPS. We also have conducted energy modeling to help identify and optimize potential areas for energy savings. These two initiatives help us identify and estimate the costs to implement common energy efficiency initiatives that should be implemented across our portfolio, as well as those unique to each asset. Case study: At one property in Washington, D.C., we leveraged information from the audit and trends gleaned through data analytics to conduct operational changes, optimizing central plant pumps and eliminating unnecessary cooling that will reduce the building's energy use intensity (EUI in kBtu/sq.ft) by over 18 points and reduce our operating expenses by 55,000 a year. The savings bring the property into compliance for the first round of local BEPS and translate to an estimated 3,800,000 in avoided fines. The rollout of this systematic program is replicable across our portfolio, and we look forward to rolling it out at other properties, including where we can help reduce our exposure to BEPs.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Wildfires

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

The buildings in our portfolio, due to their locations, are subject to several types of physical risks. Due to a changing climate, we expect these physical risks to become more frequent, intense, and exacerbated. We have determined that a few of our properties could potentially be impacted by wildfire risk due to location and asset vulnerability, which could include landscaping close to the buildings themselves that could act as fuel. Therefore, we conducted a portfolio-wide climate risk assessment and scenario analysis to understand the intersection between hazards, our assets' vulnerability, and the potential severity and extent of impact on our assets. Leveraging tools such as Munich Re, and other climate risk assessments, we identified that in the present day and by 2050 in a RCP 4.5 scenario, wildfire presents an estimated medium and higher risk for approximately 16 properties or 5% of our portfolio. This is based on Equity Residential's internal definition and quantification of what is considered a medium or high risk.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased capital expenditures

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

Select all that apply

☑ Short-term

☑ Long-term

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

Select from:

☑ About as likely as not

(3.1.1.14) Magnitude

Select from:

☑ High

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

Damages to our buildings due to wildfire risks will lead to higher capital expenditures from repairs. In addition, implementation of mitigation and resiliency measures will also lead to higher capital expenditures and potentially higher insurance premiums.

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

Select from:

☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

6000000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

18000000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

6000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

18000000

(3.1.1.25) Explanation of financial effect figure

The financial impact of wildfire risk to our portfolio was calculated based on potential direct repair costs resulting from a wildfire event, reported as average annual losses. This wildfire analysis was part of a larger portfolio-wide climate risk assessment and scenario analysis. We worked with a third-party to gather wildfire hazard data and assess risk based on the annual burn probability at the location of the asset and the ignition potential of individual building and site components (such as wall material, roof material, and defensible space). Average annual losses were estimated based on the anticipated direct damages and associated repair costs, calculated as a percentage of building replacement cost. Across our portfolio, estimated average annual losses for properties with medium or higher wildfire risk in the present-day were between 6 million to 18 million. Wildfire risk was assessed in the present-day and in 2050. The annual financial loss data provided here is a rough order of magnitude estimate of potential losses, based on a desktop analysis that included review of property-specific information provided through a survey. Site visits, review of building and site plans, and detailed cost estimating was not conducted as part of this assessment. There is low confidence in these estimates and they should only be used as order of magnitude estimates to inform high-level decision-making. More detailed, site-specific evaluation of risks, including site visits, review of building plans, and more detailed risk modeling would provide higher confidence in the average annual loss data.

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Other infrastructure, technology and spending, please specify **:**Implement gutter cleaning and landscape mitigation (fire-resistant vegetation and plants)

(3.1.1.27) Cost of response to risk

250000

(3.1.1.28) Explanation of cost calculation

Although implementation costs vary widely across properties, we estimated and extrapolated the cost of responding to wildfire risks through implementing gutter cleaning and landscape mitigation across the approximately 11 properties that have undergone mitigation work to be on average 23,000, or approximately 250,000 across our portfolio. Not all properties are expected to need mitigation work.

(3.1.1.29) Description of response

To mitigate the potential financial impact of wildfire risks across properties with a medium and higher risk of wildfire, we are identifying measures that need to be implemented. The two main implementation measures we have identified to date are gutter cleaning and landscape mitigation, which includes using more fire-resistant vegetation and plants. We have developed mitigation and resiliency plans for a handful of our assets with medium or higher risk of flooding or wildfire and continue to develop plans for the remaining assets. For either flooding or wildfire impacts, we utilize a checklist during on-site walkthroughs to further assess what aspects of each property are specifically at risk and the options to mitigate against the relevant risk. Case study: In 2023, we evaluated and implemented various wildfire mitigation operational focused projects at some properties in California, such as cleaning out underbrush and creating "fire break" around the building, so that the property is more resilient in case of a wildfire event. After the initial projects are implemented, we plan to create ongoing maintenance plans for the properties to continue to protect against wildfire risk, which includes increased monitoring by the on-site service managers so they can take further action if needed. In addition, we have sold at least one of these impacted assets and bought additional insurance to further mitigate this risk. This process is high impact and relatively low cost and helped us develop a new wildfire protection checklist at Equity that we can use and replicate across other properties.

Climate change

(3.1.1.1) Risk identifier

Select from:
☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical
☑ Flooding (coastal, fluvial, pluvial, groundwater)

(3.1.1.4) Value chain stage where the risk occurs

Select from:
☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply
☑ United States of America

(3.1.1.9) Organization-specific description of risk

The buildings in our portfolio, due to their locations, are subject to several types of physical risks. Due to a changing climate, we expect these physical risks to become more frequent, intense, and exacerbated. Therefore, we conducted a portfolio-wide climate risk assessment and scenario analysis to understand which properties may be susceptible to integrated flooding (due to coastal, riverine, or precipitation-related factors). Leveraging tools such as Munich Re, and our climate risk assessment, we identified that in the present day, by 2030, and by 2050 in a RCP 2.6, RCP 4.5, and RCP 8.5 scenario, integrated flooding could present a risk for several properties.

(3.1.1.11) Primary financial effect of the risk

Select from:
☑ Increased capital expenditures

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

Select all that apply
☑ Short-term
☑ Medium-term
☑ Long-term

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

Select from:
☑ More likely than not

(3.1.1.14) Magnitude

Select from:
☑ Low

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

Damages to our buildings due to integrated flooding risks will lead to higher capital expenditures from reparation. In addition, implementation of mitigation and resiliency measures will also lead to higher capital expenditures and higher insurance premiums.

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

Select from:

☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

74000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

240000

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

74000

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

240000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

190000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

569000

(3.1.1.25) Explanation of financial effect figure

The financial impact of the forward-looking estimate is based on two buildings we identified as part of our portfolio-wide climate risk assessment based on potential direct repair costs resulting from a flood event, reported as average annual losses. This flood analysis was part of a larger portfolio-wide climate risk assessment and scenario analysis. We worked with a third-party to gather flood hazard data and assess risk based on the depth of flooding anticipated at the site under different storm scenarios (such as the 5-year, 20-year, 100-year, and 1000-year events) and the probability that individual building components (such as structural members, equipment, plumbing, electrical lines, partitions, etc.) would sustain damage at the associated flood level, with damage estimates ranging from minor or repairable damage to full replacement of the building component. Average annual losses were estimated based on the anticipated direct damages and associated repair costs,

calculated as a percentage of building replacement cost. For these two assets, estimated average annual losses due to integrated flood risk were calculated for the present-day, 2035, and 2050. The annual financial loss data provided here is a rough order of magnitude estimate of potential losses, based on a desktop analysis that included review of property-specific information provided through a survey. Site visits, review of building and site plans, and detailed cost estimating was not conducted as part of this assessment. There is low confidence in these estimates and they should only be used as order of magnitude estimates to inform high-level decision-making. More detailed, site-specific evaluation of risks, including site visits, review of building plans, and more detailed risk modeling would provide higher confidence in the average annual loss data.

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Other infrastructure, technology and spending, please specify **:**Installation of flood gates

(3.1.1.27) Cost of response to risk

450000

(3.1.1.28) Explanation of cost calculation

Through a resilience assessment conducted by a third party, we estimated the cost of installing flood gates for one of our properties in Boston with a high hazard risk of flooding to be approximately 450,000.

(3.1.1.29) Description of response

We developed resilience plans for a handful of our assets with medium or higher risk of flooding and continue to develop plans for the remaining assets. For flood impacts, we utilize a checklist during walkthroughs to further assess what aspects of each property are specifically at risk and the options to mitigate against flood risk. To mitigate the potential financial impact of integrated flooding risks at one site in Boston, we identified measures that could be implemented, including a flood gate installation. Case Study: In addition to capital expenses like flood gates, we also evaluate ways our on-site teams can proactively implement operational measures to enhance property resilience. One of our properties located in San Diego, CA recently experienced flood impacts from atmospheric rainstorms, which flowed from the highway down into the property. Our on-site teams identified a low-cost solution to address the flood risk and redirected the excess runoff stormwater away from ground level units of the building by creating trenches around the property so that subsequent flooding events did not impact the building.
[Add row]

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

Climate change

(3.1.2.1) Financial metric

Select from:
☑ CAPEX

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

0

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

Select from:
☑ Less than 1%

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

0

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

Select from:
☑ Less than 1%

(3.1.2.6) Amount of CAPEX in the reporting year deployed towards risks related to this environmental issue

0

(3.1.2.7) Explanation of financial figures

None of the identified risks in question 3.1.1. had a substantive financial effect on the business in the reporting year. This figure only represents the financial impacts of risks identified in this response and is not inclusive of all of the estimated financial impacts of climate-related risks in 2023.

[Add 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?

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

[Fixed row]

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

Climate change

(3.6.1.1) Opportunity identifier

Select from:
☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency
☑ Move to more energy/resource efficient buildings

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ United States of America

(3.6.1.8) Organization specific description

As a landlord, moving to more efficient buildings allows us to realize lower operational costs related to reduced energy and water use. In 2023 we spent 10.9 million on capital expenditures related to enhancing the efficiency and resiliency of our buildings and expect to see approximately 800,000 of operational savings due to the energy and water efficiency measures implemented across the portfolio. More efficient buildings across our portfolio also lower total cost of ownership for new development buildings due to higher energy efficiency and durable materials, which can lead towards higher customer demand and retention for sustainable buildings. Efficient buildings can represent those that we have built to attain green building certifications such as LEED, as well as those where we have invested energy efficiency and resiliency capital expenditures for standing assets.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced indirect (operating) costs

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

Select all that apply

☑ Short-term

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

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

Select from:

☑ Virtually certain (99–100%)

(3.6.1.12) Magnitude

Select from:
☑ High

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Moving to more energy/resource efficient buildings leads to utility cost savings that reduce Equity Residential's overall cost base. Since utility costs are ongoing, savings in one year will continue into the future and savings effect will be multiplied, leading to continuous reductions in utility costs.

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

Moving to more energy/resource efficient buildings leads to utility cost savings that reduce Equity Residential's overall cost base. Since utility costs are ongoing, savings in one year will continue into the future and savings effect will be multiplied, leading to significant reductions in utility costs in the longer term.

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

Select from:
☑ Yes

(3.6.1.16) Financial effect figure in the reporting year (currency)

800000

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

3800000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

3800000

(3.6.1.23) Explanation of financial effect figures

The short-term reporting year financial effect figure represents the combined estimated savings from BEPS compliance, or avoided fines for one property in DC. We took trends gleaned through our energy management dashboards and new data analytics to conduct operational changes. These changes will reduce the building's energy use intensity (EUI in kBtu/sq.ft) by over 18 points and reduce our operating expenses by 55,000 a year. The savings bring the property into compliance for the first round of local Building Energy Performance Standards and translate to approximately 3,800,000 in avoided fines.

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Operational internal and process improvements only.

(3.6.1.26) Strategy to realize opportunity

Accessing real-time, granular data for multifamily properties is a significant challenge for property owners. To address this challenge, we have developed a new systematic program that marries technology and data analytics with newly resourced teams able to identify opportunities and swiftly deploy solutions to capture them. We installed asset-level technology and systems to collect real-time data, which previously had been completely isolated from central support or control, such as equipment- level submetering and revamped the level of remote access available for our Building Management Systems (BMS). We also successfully piloted collecting gas consumption at the unit level to get drilled down unit intelligence and are now working with a third-party to expand our ability to collect unit-level energy data. All this data flows into sophisticated, proprietary dashboards we have built internally to track real-time data and monitor consumption patterns at the asset and the equipment level. The rollout of this systematic program is replicable across our portfolio, and we look forward to rolling it out at our other properties. In addition, in 2021 we committed 10M to a venture capital "climate technology fund" devoted to discovering and commercializing new technologies to decarbonize the global real estate industry and have deployed 6.7M by the end of 2023. This builds on previous investments and leadership roles as a corporate partner, which we value as a way to provide us with access, exposure and input around these technologies, and advance our decarbonization planning.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

☑ Use of renewable energy sources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:
☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply
☑ United States of America

(3.6.1.8) Organization specific description

Energy consumption is the largest driver of emissions for our operations and that of our residents. Coupled with increasing restrictions of natural gas usage and more requirements to have "solar ready" development in jurisdictions where we are developing and have existing buildings such as Boston, New York City, Washington DC, Denver, Seattle, Montgomery County, and across California, etc. our portfolio has the opportunity to move towards lower-emitting sources of energy. This allows us to be competitive in the market and compliant with the aforementioned regulations. Furthermore, installing lower emission, on-site sources of energy allows us to save on operational energy costs we otherwise would've had to pay to procure energy through a utility provider and drive reductions in the emissions of our operations and that of our residents to help us meet our science-based emissions reduction target. In particular, we are focused on increasing the number of on-site installations for solar PV and solar heating across our portfolio - technologies that are the most impactful and make the most financial sense for our properties. We have 117 properties, or 40% of our portfolio, with on-site clean energy installations which is a total of about 8MW of solar PV capacity. Last year, in 2023, we invested about 3,300,000 into on-site solar PV and continue to see more solar opportunities in our portfolio.

(3.6.1.9) Primary financial effect of the opportunity

Select from:
☑ Reduced direct costs

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

Select all that apply
☑ Short-term

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

Select from:

☑ Virtually certain (99–100%)

(3.6.1.12) Magnitude

Select from:
☑ High

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

On-site solar PV generation creates immediate energy cost savings opportunities, and also can provide protection against utility cost increases over the long term, increasing net operating income.

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

Select from:
☑ Yes

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

4250000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

4250000

(3.6.1.23) Explanation of financial effect figures

We estimated this financial opportunity by assessing the potential financial savings from a set of new potential on-site solar PV opportunities to be approximately 4,250,000 per year across a potential of 15 projects. Given the lifespan of these installations are 25 years, we expect the total potential lifetime savings across our portfolio to be about 100,000,000.

(3.6.1.24) Cost to realize opportunity

34000000

(3.6.1.25) Explanation of cost calculation

Through our internal assessments and those conducted by third parties, we have assessed the costs to install additional on-site energy opportunities to be roughly 34,000,000 across 15 projects, which represent potential new on-site solar investments in California over the next couple of years.

(3.6.1.26) Strategy to realize opportunity

We are excited about a new opportunity for a solar PV Virtual Net Metering (VNEM) pilot in California. VNEM allows us to invest in a rooftop solar PV installation on a property which could generate enough electricity to offset much of the whole building's annual electric consumption, including that of our residents. We are starting with three pilot projects in Southern California that are under construction in 2024 and should come online in 2025. In addition, we've developed a sizable potential pipeline of about a dozen additional projects, also in California. Once stabilized, these 15 installations could represent an additional 8MW of solar PV capacity, essentially doubling our current solar PV capacity. These projects could enable us to reduce our whole building's electric emissions and expense, while also sharing green power and cost savings with our residents.

Climate change

(3.6.1.1) Opportunity identifier

Select from:
☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services
☑ Other products and services opportunity, please specify **:**Capital and Operational Investments in Improved Building Efficiency and Performance

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:
☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply
☑ United States of America

(3.6.1.8) Organization specific description

In 2023, we spent about 10.9M on sustainability-related capital expenditures related to enhancing the efficiency and resiliency of our buildings and expect to see approximately 800,000 in operational savings from these projects. Looking ahead, we see continued opportunities for capital investments to improve the energy efficiency and energy intensity of our assets. This will not only reduce operational costs but also help us reduce exposure to local building energy performance (BEPS) regulations.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced indirect (operating) costs

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

Select all that apply

☑ Short-term

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

Select from:

☑ More likely than not (50–100%)

(3.6.1.12) Magnitude

Select from:

☑ High

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

We expect that capital and operational improvements in improved building efficiency and performance will continue to not only reduce our operational costs, but also help us reduce exposure to potential fines from local BEPS regulations across our portfolio.

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

Select from:

☑ Yes

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

6000000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

8000000

(3.6.1.23) Explanation of financial effect figures

The short term reporting year financial effect figures represent the combined estimated energy savings and one-time avoided Building Energy Performance compliance fines for a second high rise asset in Washington, D.C. We expect to leverage accretive capital investments to reduce the building's energy use intensity (EUI in kBtu/sq.ft) by over 19 points. This should bring the project into compliance and avoid approximately 6,000,000 in potential DC BEP related cycle 1 fines. The calculated NPV of the estimated energy savings associated with this work is approximately 2,000,000.

(3.6.1.24) Cost to realize opportunity

1100000

(3.6.1.25) Explanation of cost calculation

Through replacing faulty valves and actuators in resident unit HVAC systems,and upgrading rooftop ventilation units to efficient fan systems.

(3.6.1.26) Strategy to realize opportunity

We use capital to strategically make targeted and accretive investments that simultaneously reduce our building energy consumption and help us meet building performance requirements. We also leverage our new sustainability design standards to help standardize sustainability and energy related improvements across our portfolio. Case study: Sustainability and efficiency initiatives are fully integrated into our development strategy and processes, one way is through our new Sustainability Design Standards, which were developed in 2023, to provide a resource that enables our teams to create and build beautiful and resilient spaces that are functional, showcase natural materials, and operate efficiently. This includes implementing quality indoor air and drinking water systems, acoustical comfort, and facilities that are accessible. They prioritize environmentally sustainable and occupant-focused healthy design. Part of our Equity Sustainability Design Standards' focus is on achieving LEED Gold certification, among other green certifications where viable, for all of our wholly owned new developments is to help us work towards a larger strategy to have a greater percentage of our portfolio be green certified. To fund this strategy, we were the first and largest issuer of green bonds in the apartment sector.
[Add row]

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

Climate change

(3.6.2.1) Financial metric

Select from:
☑ OPEX

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

800000

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

Select from:
☑ Less than 1%

(3.6.2.4) Explanation of financial figures

This figure is the sum of all of the operational savings created in the reporting year from substantive climate-related opportunities, which in this case represents the estimated operational savings from energy and water efficiency measures implemented across the portfolio. This figure only represents the financial savings of opportunities identified in this CDP response and is not inclusive of all of the estimated financial savings of climate-related opportunities in 2023 for our portfolio and is not indicative of estimated future savings.
[Add row]

C4. Governance

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

(4.1.1) Board of directors or equivalent governing body

Select from:

☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☑ More frequently than quarterly

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

Select all that apply

☑ Executive directors or equivalent

☑ Non-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

Page 2 (printed) of the Corporate Governance Guidelines, under "Trustee Qualifications; Continuing Education." The Board values diversity, in its broadest sense, reflecting, but not limited to, profession, geography, gender, ethnicity, skills and experience and urges the Trustees and the Corporate Governance Committee to act accordingly in the selection process.

(4.1.6) Attach the policy (optional)

corp-gov-guidelines-sept-2024-final.pdf
[Fixed row]

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

Climate change

(4.1.1.1) Board-level oversight of this environmental issue

Select from:
☑ Yes

Biodiversity

(4.1.1.1) Board-level oversight of this environmental issue

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

(4.1.1.2) Primary reason for no board-level oversight of this environmental issue

Select from:
☑ Not an immediate strategic priority

(4.1.1.3) Explain why your organization does not have board-level oversight of this environmental issue

At this time, Equity Residential has conducted a preliminary biodiversity risk assessment for our full portfolio of standing assets. Through this scan, we were able to determine a cursory view of which of our sites are likely to have a significant biodiversity impact or are in proximity to critical biodiversity areas. While we are determining the potential biodiversity issues facing our company, we have not developed formal oversight to the board of a topic that is still being developed.
[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

☑ Chief Executive Officer (CEO)
☑ Board-level committee
☑ Other, please specify :Chief Investment Officer (CIO)

(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 :Board 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

☑ Overseeing and guiding scenario analysis
☑ Overseeing the setting of corporate targets
☑ Monitoring progress towards corporate targets
☑ Overseeing and guiding public policy engagement
☑ Reviewing and guiding innovation/R&D priorities
☑ Overseeing and guiding the development of a business strategy
☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

(4.1.2.7) Please explain

In 2023, the Board's Corporate Governance Committee continued to receive and review the ESG Report, and the full Board received updates on climate-related matters. Pursuant to its Charter, the Board's Corporate Governance Committee assesses the disclosure of ESG matters, ESG strategy and corporate responsibility. The Board reviews any sustainability, climate, or other related strategy/policy. The Committee provides direct oversight of these strategies and related goals. In 2023, the Committee reviewed the science-based emissions reduction target submitted to SBTi and monitors progress against our energy, water, and waste targets. In 2023, the full Board of Trustees reviewed, provided guidance for, and approved the Company's sustainability strategy. The Audit Committee also provides oversight of our Company's risk assessment and risk management processes, which may include those associated with climate change and climate scenario analyses. The Committee chairs report on committee matters to the Board. Our President and Chief Executive Officer (CEO), a member of our Board, also provides direct oversight over major capital investments to support our climate change mitigation and adaptation strategies, including review of our innovation and R&D priorities, such as our 10 million investment in a climate technology fund. Our President and CEO is also involved in guiding activities to do with public policy engagement.
[Fixed row]

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

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Consulting regularly with an internal, permanent, subject-expert working group
☑ Engaging regularly with external stakeholders and experts on environmental issues
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

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

[Fixed row]

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

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

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Setting corporate environmental targets

Strategy and financial planning
☑ Managing annual budgets related to environmental issues

Other
☑ Other, please specify **:**Integrating climate-related issues into our business strategy

(4.3.1.4) Reporting line

Select from:
☑ Reports to the board directly

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

Select from:
☑ Quarterly

(4.3.1.6) Please explain

Our CEO chairs our executive-level Corporate Responsibility Steering Committee, which oversees our corporate responsibility strategy and goals. This Corporate Responsibility Steering Committee, through our CEO, reports directly to the Board's Corporate Governance Committee. Given our CEO is ultimately responsible for Equity Residential's capital spending, and overall strategy, and climate is integrated into these, our CEO, with the support of the Corporate Responsibility Steering Committee, manages budgets for our climate mitigation efforts. The latter includes setting climate-related corporate targets such as our emissions reduction target and managing climate-related risks.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Executive level
☑ Other C-Suite Officer, please specify **:**Chief Investment Officer

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities
☑ Assessing environmental dependencies, impacts, risks, and opportunities

Other
☑ Other, please specify **:**Integrating biodiversity-related issues into the strategy

(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:
☑ Quarterly

(4.3.1.6) Please explain

Our Chief Investment Officer works with the executive-level Corporate Responsibility Steering Committee to oversee Equity Residential's corporate responsibility strategy and goals and reports to the CEO, who is the Chairman of the Corporate Governance Committee. This includes biodiversity and climate-related matters. The Corporate Responsibility Steering Committee Charter governs the group's roles and responsibilities. This Committee is in turn updated and informed by our cross-functional Corporate Responsibility Working Group. Our Chief Investment Officer is responsible for managing major capital spend approved through annual budgets (such as development of green certified buildings) and integrating climate-related issues in strategy. This includes issues related to biodiversity environmental-related risk assessments.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level
☑ Other C-Suite Officer, please specify **:**Chief Investment Officer

(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

Policies, commitments, and targets
☑ Measuring progress towards environmental corporate targets
☑ Setting corporate environmental targets

Strategy and financial planning
☑ Conducting environmental scenario analysis
☑ Developing a climate transition plan
☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other
☑ Other, please specify **:**Integrating climate-related issues into the strategy

(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:
☑ Quarterly

(4.3.1.6) Please explain

Our Chief Investment Officer works with the executive-level Corporate Responsibility Steering Committee to oversee Equity Residential's corporate responsibility strategy and goals and reports to the CEO, who is the Chair of the Corporate Responsibility Steering Committee. This includes biodiversity and climate-related matters. The Corporate Responsibility Steering Committee Charter governs the group's roles and responsibilities. This Committee is in turn updated and informed by our cross-functional Corporate Responsibility Working Group. They are responsible for managing major capital spend approved through annual budgets (such as development of green certified buildings) and integrating climate-related issues in strategy. The latter includes developing a climate transition plan that includes target setting, tracking progress against targets, and conducting climate scenario analysis. The Corporate Responsibility Steering Committee also oversees progress made on assessing climate-related risks and opportunities and strategies to manage these. Our management team ensures there are appropriate controls and procedures in place to effectively monitor and manage climate-related risks, opportunities, and reported progress at Equity Residential. Our annual data collection and reporting

process consists of information collection by appropriate internal stakeholders across functions, a round of review by the Corporate Responsibility Working Group. Any progress reported on climate-related risks and opportunities is part of this review process. Some emissions metrics are further reviewed by a third-party assurer. [Add row]

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

Climate change

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

Select from:
☑ Yes

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

15

(4.5.3) Please explain

We have created alignment and accountability by integrating explicit Corporate Responsibility goals into the Annual Incentive Plan. In 2023, 15% of executive management's annual incentive compensation was tied to performance on these metrics. Corporate responsibility targets linked to executive compensation are transparently disclosed in our proxy.
[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 Executive Officer (CEO)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Organization performance against an environmental sustainability index

☑ Other targets-related metrics, please specify **:**Continued transparency and disclosure on climate-related issues in our Corporate Responsibility Report

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

We have created alignment and accountability by integrating explicit Corporate Responsibility goals into our executives' Annual Incentive Plan. In 2023, 15% of executive management's annual incentive compensation was tied to performance on these metrics. Corporate Responsibility targets linked to executive compensation are transparently disclosed in our proxy and include: (1) Publishing an annual Corporate Responsibility report aligned with key Corporate Responsibility reporting standards and frameworks; and (2) achieving reporting questionnaire scores, including climate-related sustainability indices and benchmarks, in line with the top peers in our industry to keep us accountable to continued progress on our climate strategy and plans.

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

Prioritizing climate transparency and disclosure through reporting and tracking our performance against climate-related sustainability indices and benchmarks keeps Equity Residential accountable to driving continued progress on our climate strategy and plans. Tying compensation to demonstrate progress against the company's climate commitments is a pathway for Equity Residential to maintain its strong sustainability performance.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Other C-Suite Officer, please specify :Chief Investment Officer (CIO)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Organization performance against an environmental sustainability index

☑ Other targets-related metrics, please specify :Continued transparency and disclosure on climate-related issues in our Corporate Responsibility Report

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

We have created alignment and accountability by integrating explicit Corporate Responsibility goals into our executives' Annual Incentive Plan. In 2023, 15% of executive management's annual incentive compensation was tied to performance on these metrics. Corporate Responsibility targets linked to executive compensation are transparently disclosed in our proxy and include: (1) Publishing an annual Corporate Responsibility report aligned with key Corporate Responsibility reporting standards and frameworks; and (2) achieving reporting questionnaire scores, including climate-related sustainability indices and benchmarks, in line with the top peers in our industry to keep us accountable to continued progress on our climate strategy and plans.

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

Prioritizing climate transparency and disclosure through reporting and tracking our performance against climate-related sustainability indices and benchmarks keeps Equity Residential accountable to driving continued progress on our climate strategy and plans. Tying compensation to demonstrate progress against the company's climate commitments is a pathway for Equity Residential to maintain its strong sustainability performance.
[Add row]

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

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

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply
☑ Climate change
☑ Biodiversity

(4.6.1.2) Level of coverage

Select from:
☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations
☑ Upstream value chain

(4.6.1.4) Explain the coverage

Equity Residential's Environmental Management System (EMS) establishes a systematic approach to Equity Residential's sustainability activities, verifying the activities are conducted in a manner that is consistent with the goals of this EMS, State and Federal environmental regulations and executive orders. Equity Residential's Supply Chain and Vendor Policy covers how we expect our vendors should operate, including expectations around environmental impacts. In addition, our Equity Sustainability Design Standards influence our upstream purchasing for development projects.

(4.6.1.5) Environmental policy content

Environmental commitments
☑ Commitment to avoidance of negative impacts on threatened and protected species
☑ Commitment to comply with regulations and mandatory standards
☑ Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments
☑ Other climate-related commitment, please specify **:**Commitment to reducing emissions in line with our SBTi-validate emissions reduction target for Scope 1, 2, and 3.

Additional references/Descriptions
☑ Description of environmental requirements for procurement
☑ Description of renewable electricity procurement practices
☑ Reference to timebound environmental milestones and targets

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

Select all that apply
☑ No, and we do not plan to align in the next two years

(4.6.1.7) Public availability

Select from:
☑ Publicly available

(4.6.1.8) Attach the policy

environmental-management-system_final.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
☑ Science-Based Targets Initiative (SBTi)
☑ Task Force on Climate-related Financial Disclosures (TCFD)

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

Equity Residential aligns climate-related disclosures with the TCFD framework and has been an official TCFD Supporter since 2021 (listed on the TCFD's website (https://www.fsb-tcfd.org/supporters/). Equity Residential has also set science-based emissions reduction targets in support of the Science-Based Targets Network.
[Fixed row]

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

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

Select all that apply
☑ Yes, we engaged directly with policy makers

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

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

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

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

Select from:
☑ No

(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

The majority of our engagement on public policy is through our affiliation and membership in trade associations, including the National Association of Real Estate Investment Trusts (Nareit), the National Multifamily Housing Council (NMHC), the Real Estate Roundtable (RER) and the Urban Land Institute (ULI). We also engage with local cities and municipalities who have set emissions reduction targets aligned with the Paris Agreement and support their development of policies to decarbonize buildings in those markets. Engagement reports are reported to our EVP of Investments, who in turn reports to the CEO to ensure Equity Residential's engagement is aligned with our climate commitments.
[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

Local Law 97 in New York City, Building Energy Use Disclosure Ordinance (BEUDO) in Cambridge, MA, Building Energy Performance Standards in Washington, DC, Building Energy Performance Standards in Seattle, Energize Denver in Denver, CO, Building Decarbonization Policy in Los Angeles, Building Emissions Reduction

and Disclosure Ordinance (BERDO) in Boston, MA, Building Energy Performance Standards in Montgomery County, MD, State of Maryland Building Energy Performance Standards, and Seattle BEPS.

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

Select all that apply

☑ Climate change

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

Energy and renewables

☑ Energy efficiency requirements

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

Select from:

☑ Sub-national

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

Select all that apply

☑ United States of America

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

Select from:

☑ Support with minor exceptions

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

We support decarbonization goals and planning, but in some cases the timeframe, targets and ability to meet these regulations is inhibited by limited current technology, costs and the physical infrastructure inherent in invasive capital work. We provide constructive and collaborative feedback such as the reality of how capital investments are made and that requiring small incremental annual decreases does not align with how we upgrade our equipment, and that instead having several years between cycles is a better approach for commercial buildings and large building systems. Overall, we provide this feedback to help better align our industry's efforts, shareholder expectations and regulatory decarbonization objectives.

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

Select all that apply

☑ Other, please specify **:**Participated in task force for sustainability-related policies

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

0

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

Building Energy Performance Standards implemented by local jurisdictions can aid in the achievement of our climate transition plan as they allow greater standardization of emissions intensity targets across assets in our portfolio, which currently reside across multiple jurisdictions. They can serve as a roadmap and resources for our assets to align with a 1.5C pathway from an operational emissions standpoint, and also provide another channel through which to engage with residents on the importance of energy efficiency measures and operational best practices at our properties. Finally, where jurisdictions provide technical resources, playbooks, and incentives to help support building owner efforts, we are more easily able t assess new technologies and model replicable roadmaps for our building electrification and decarbonization.

(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

☑ Other trade association in North America, please specify **:**National Association of Real Estate Investment Trusts (Nareit)

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

Select all that apply

☑ Climate change

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

Select from:

☑ Consistent

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

Select from:

☑ Yes, we publicly promoted their current position

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

Nareit serves as the worldwide representative voice for REITs and real estate companies with an interest in U.S. real estate. Nareit's members are REITs and other real estate companies throughout the world that own, operate, and finance income-producing real estate, as well as those firms and individuals who advise, study, and service those businesses. Although Nareit supports numerous efforts to enhance transparency around and reduce environmental impact in our industry, including having a Real Estate Sustainability Committee which our AVP Sustainability, Investments is part of, they have not made a formal statement on alignment with the Paris Agreement.

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

200917

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Over the past year, we've steadily increased our participation and leadership in various industry groups and partnerships to support our Corporate Responsibility commitments, and advocate for alignment between the real estate industry's interests and the impact of key sustainability issues. As such, many leaders at Equity Residential participate in sustainability-related groups, taskforces, industry associations, among others in an effort to raise the standard for our industry overall. For instance, our AVP Sustainability, Investments is part of Nareit's Real Estate Sustainability Committee.

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

Select from:
☑ No, we have not evaluated

Row 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 **:**Real Estate Roundtable (RER)

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

Select all that apply

☑ Climate change

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

Select from:

☑ Consistent

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

Select from:

☑ Yes, we publicly promoted their current position

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

The Real Estate Roundtable believes responsible economic growth depends on the efficient use of energy and other resources. The Roundtable remains committed to policies that promote optimal and cost-effective energy efficiency investments in buildings. Although RER has no formal, direct position on the Paris Agreement, RER has long supported a number of government policies and programs to assist companies represented by our members that voluntarily set science-based targets aligned with the Paris Agreement Examples of the kinds of U.S. policies and programs we support in this regard include: - Our strong backing and collaboration with US-EPA's ENERGY STAR program, and US-DOE's "Better Buildings Challenge" and "Better Climate Challenge; - advocacy for financial and other incentives to spur greater private sector investments in energy efficiency and renewable energy deployment in real estate; - support for greater public investments to decarbonize U.S. electric grid infrastructure; and strategies to enhance the quality, reliability, and integrity of government data sets to help businesses quantify and establish GHG reduction targets. Our AVP Sustainability, Investments, our VP Environmental and Climate Adaptation are part of RER's Sustainable Policy Advocacy Committee. Our position on climate change is aligned with the Real Estate Roundtable. For instance, the Real Estate Roundtable supports the use of ENERGY STAR. We also support ENERGY STAR and its use to track energy and emissions metrics, and to that end are an ENERGY STAR Partner.

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

40000

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Over the past year, we've steadily increased our participation and leadership in various industry groups and partnerships to support our Corporate Responsibility commitments, and advocate for alignment between the real estate industry's interests and the impact of key sustainability issues. As such, many leaders at Equity Residential participate in sustainability-related groups, taskforces, industry associations, among others in an effort to raise the standard for our industry overall. For instance, our AVP Sustainability, Investments, our VP Environmental and Climate Adaptation and VP of Strategy are part of RER's Sustainable Policy Advocacy Committee.

(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 other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:
☑ Non-Governmental Organization (NGO) or charitable organization

(4.11.2.3) State the organization or position of individual

ULI Greenprint Center for Building Performance

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

Select all that apply

☑ Climate change

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

Select from:

☑ Consistent

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

Select from:

☑ Yes, we publicly promoted their current position

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

The ULI Greenprint Center for Building Performance is a worldwide alliance of leading real estate owners, investors, and strategic partners committed to improving the environmental performance of the global real estate industry. Through measurement, benchmarking, knowledge sharing, and implementation of best practices, Greenprint and its members strive to reduce greenhouse gas emissions by 50 percent by 2030 and to achieve net zero carbon operations by 2050, in alignment with the goals of the Paris Agreement. See ULI GreenPrint's website for more information: https://americas.uli.org/research/centers-initiatives/greenprint-center/

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

15000

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Over the past year, we've steadily increased our participation and leadership in various industry groups and partnerships to support our ESG commitments, and advocate for alignment between the real estate industry's interests and the impact of key ESG issues. As such, many leaders at Equity Residential participate in ESG-related groups, taskforces, ULI sustainability and resilience- related councils, industry associations, among others in an effort to raise the standard for our industry overall. We engage in monthly Performance Committee Calls with various senior level team members to review current topics and share best practices, including ESG due diligence, climate change resilience, renewable energy strategies, tenant engagement, net zero and data collection and reporting. There are sector specific groups including multifamily and sustainability in which we also participate. We also submit annual energy and GHG data to the group to benchmark our collective decarbonization impact.

(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:
☑ Underway - previous year attached

(4.12.1.5) Content elements

Select all that apply
☑ Governance
☑ Strategy
☑ Emission targets

(4.12.1.6) Page/section reference

"Our Commitment to Corporate Responsibility," pg. 8-11 (printed) of the 2023 10-K.

(4.12.1.7) Attach the relevant publication

Equity Residential_2023 10-K.pdf

Row 2

(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
☑ Water
☑ Biodiversity

(4.12.1.4) Status of the publication

Select from:

☑ Underway - previous year attached

(4.12.1.5) Content elements

Select all that apply

☑ Strategy
☑ Governance
☑ Emission targets
☑ Emissions figures
☑ Risks & Opportunities
☑ Content of environmental policies

(4.12.1.6) Page/section reference

TCFD Index, Climate Resilience and Strategy section of the Corporate Responsibility Report, as well as in the Environmental section of our report as a whole.

(4.12.1.7) Attach the relevant publication

Equity Residential 2023 Corporate Responsibility Report.pdf

(4.12.1.8) Comment

Equity Residential's 2024 Corporate Responsibility Report will be published in Q3 2024.
[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 4.5

(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

☑ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 2.0°C - 2.4°C

(5.1.1.7) Reference year

2022

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2030

☑ 2040

☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Speed of change (to state of nature and/or ecosystem services)

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

Direct interaction with climate
☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Through a third party, we have conducted physical climate risk assessments using three scenarios (RCP 2.6, RCP 4.5, and 8.5 scenarios) for our portfolio, have quantified the potential financial impact of these risks, and are in the process of developing mitigation strategies to address them. We believe the RCP scenarios are based on best-available, time-dependent scientific projections of global greenhouse gas concentrations.

(5.1.1.11) Rationale for choice of scenario

We chose the RCP 4.5 scenario because this was a common RCP scenario available across the many tools and platforms we leveraged.

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
☑ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:
☑ 4.0°C and above

(5.1.1.7) Reference year

2022

(5.1.1.8) Timeframes covered

Select all that apply
☑ 2030
☑ 2040
☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts
☑ Speed of change (to state of nature and/or ecosystem services)
☑ Climate change (one of five drivers of nature change)

Direct interaction with climate
☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Through a third party, we have conducted physical climate risk assessments using three scenarios (RCP 2.6, RCP 4.5, and 8.5 scenarios) for our portfolio, have quantified the potential financial impact of these risks, and are in the process of developing mitigation strategies to address them. We believe the RCP scenarios are based on best-available, time-dependent scientific projections of global greenhouse gas concentrations.

(5.1.1.11) Rationale for choice of scenario

We chose the RCP 8.5 scenario because we believe it represents the worst-case scenario and allows us to better assess the potential climate-related risks and resilience of our strategy against intensifying storms, sea level rise, and other hazards.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ RCP 2.6

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ 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

☑ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:
☑ 2.0°C - 2.4°C

(5.1.1.7) Reference year

2022

(5.1.1.8) Timeframes covered

Select all that apply
☑ 2030
☑ 2040
☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts
☑ Speed of change (to state of nature and/or ecosystem services)
☑ Climate change (one of five drivers of nature change)

Direct interaction with climate
☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Through a third party, we have conducted physical climate risk assessments using three scenarios (RCP 2.6, RCP 4.5, and 8.5 scenarios) for our full portfolio, have. quantified the potential financial impact of these risks, and are in the process of developing mitigation strategies to address them. We believe the RCP scenarios are based on best-available, time-dependent scientific projections of global greenhouse gas concentrations.

(5.1.1.11) Rationale for choice of scenario

We chose the RCP 2.6 scenario because it is the scenario aligned with our science-based emissions reduction target to limit global warming well below 2C.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☑ IEA 2DS

(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

☑ Market

☑ Reputation

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 2.0°C - 2.4°C

(5.1.1.7) Reference year

2022

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030

(5.1.1.9) Driving forces in scenario

Finance and insurance

☑ Other finance and insurance driving forces, please specify :Finance for noncompliance

Regulators, legal and policy regimes

☑ Methodologies and expectations for science-based targets

☑ Other regulators, legal and policy regimes driving forces, please specify :Align with cities climate goals

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

We have conducted a thorough analysis of potential transition, market, reputation, regulatory, and technology risks due to climate change in consideration of a 2C or lower scenario.

(5.1.1.11) Rationale for choice of scenario

We chose the IEA B2DS scenario because it is the scenario aligned with our science-based emissions reduction target to limit global warming well below 2C.
[Add row]

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

Climate change

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

Select all that apply

☑ Risk and opportunities identification, assessment and management

(5.1.2.2) Coverage of analysis

Select from:
☑ Organization-wide

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

In the first phase of the physical climate scenario analysis conducted by a third-party we were able to identify assets within our portfolio with the greatest potential future exposure to different types of hazards. Starting in 2021 we assessed a subset of our properties across several physical hazards including coastal, flooding, extreme temperatures, drought and water stress, community-wide infrastructure (utilities and transportation), wildfire, and precipitation into 2030. Since then, we have completed this detailed assessment across our full portfolio and identified wildfire and integrated flooding risk as the two physical climate risks with potentially the highest financial impact across our portfolio today and into 2050. Further details on the results of this climate risk assessment and scenario analysis is described in 3.1.1 for Risk 2 and Risk 3 of this CDP response. Similarly, over the past few years we have been conducting internal assessments of BEPS-type regulation for jurisdictions aligning with a well below 2C scenario to understand which properties are at risk of being noncompliant to BEPS in their jurisdiction. This assessment helped identify which current properties should be targeted for efficiency initiatives in future capital planning and will continue as new legislation continues to be adopted in jurisdictions relevant to our markets. In the second phase of our physical climate scenario analysis, informed by the first phase described above, we conducted a detailed risk assessment for a subset of properties to evaluate operational implications and costs associated with asset hardening under different scenarios. From the assessment conducted in 2021 we were able to refine and develop a strategy and methodology for assessing measures to build climate resilience that can be expanded to other markets. We refined and expanded this assessment from our initial pilot to other markets in 2022 and are in the process of rolling this out to all assets identified as being at medium or higher risk for wildfire and integrated flooding over the next six to nine months. Through our assessment to date, we have already identified measures that can be implemented across assets, including gutter cleaning, landscape mitigation, equipment relocation, flood barriers, etc. and are continuing to refine implementation costs for comprehensive wildfire and flooding risk mitigation measures.
[Fixed row]

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

(5.2.1) Transition plan

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

(5.2.2) Temperature alignment of transition plan

Select from:

☑ Well-below 2°C aligned

(5.2.3) Publicly available climate transition plan

Select from:
☑ No

(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

Many of our operational multifamily assets have legacy systems that use natural gas for heating and hot water for our residents. We have plans to electrify over time, making capital investments where feasible that generally align with replacement cycles of these often large central heating systems. We are leveraging pilots to better understand the technologies and abilities to create workable and replicable solutions for our buildings and residents.

(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 have not formally shared our transition plan during our annual shareholder meeting, but for nearly ten years, we've embedded Corporate Responsibility into other engagement with investors. We include disclosure on our Corporate Responsibility strategy, including our decarbonization strategy and transition plan, goals, and progress in our 10-K, proxy, investor presentations, and during our investor engagement calls. Over the past year, we discussed our Corporate Responsibility progress and strategy with investors at numerous meetings, some of which involved our AVP Sustainability, Investments and have actively considered their feedback when developing the next iterations of our Corporate Responsibility strategy. Specifically, our goals and strategy around transitioning to a low carbon world are discussed in our latest Corporate Responsibility Report.

(5.2.9) Frequency of feedback collection

Select from:
☑ Annually

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

We assume that there will be cost-effective technologies that exist to replace legacy systems that use natural gas for heating and hot water for our residents. We are leveraging pilots to better understand the technologies and abilities to create workable and replicable solutions for our buildings and residents.

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

To stay up to date on new innovations and technologies, in 2021, we committed 10M to a venture capital "climate technology fund" sponsored by Fifth Wall, a prominent real estate technology fund promoter, devoted to discovering and commercializing new technologies to decarbonize the global real estate industry. This investment provides us with access, exposure and input around these technologies and advances our decarbonization planning. We have invested 6.7 million by the end of 2023 into the Fifth Wall climate technology fund and continue to pilot promising technologies with portfolio-wide applications.

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

Equity Residential 2023 Corporate Responsibility Report.pdf,Equity Residential 2023 Corporate Responsibility Report.pdf,Equity Residential 2023 Corporate Responsibility Report.pdf

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

Select all that apply
☑ Water

(5.2.14) Explain how the other environmental issues are considered in your climate transition plan

In addition to reducing emissions from fossil fuels, our transition plan includes lowering emissions through a systemized, data-driven approach to energy and water management for our operational properties, as well as deploying our Equity Sustainability Design Standards (finalized in 2024) for our development projects. The latter includes guidance on water use and efficient design.

(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world

Select from:
☑ Other, please specify **:**A credible pathway to a 1.5C world is unclear

(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world

Currently a credible pathway to a 1.5C world for our industry is unclear.
[Fixed row]

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

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

Select from:
☑ Yes, both strategy and financial planning

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

Select all that apply
☑ Products and services
☑ Investment in R&D
☑ Operations
[Fixed row]

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

Products and services

(5.3.1.1) Effect type

Select all that apply
☑ Risks

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

Select all that apply
☑ Climate change

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

With a portfolio primarily concentrated in large, urban and dense suburban coastal areas, we face a number of risks that can disrupt business continuity, including potential physical climate-related risks from extreme weather as well as business and market risks that may arise in the transition to a low carbon economy. We continually adapt our policies, objectives and processes to improve the resiliency of our physical properties and our business. A climate change resilience review is part of the acquisition due diligence for each and every asset. This includes a review of climate-related risks via our third-party Munich Re's Location Risk Intelligence Platform, to assess physical risks to the asset under different scenarios at different points in time but including the estimated hold period and beyond. Every Investment Officer has been trained on the dashboard, and it is completely integrated into our due diligence process for both acquisitions and new development. We use the insights from this Platform to inform deeper dives with our third-party climate-related consultant, as well as to evaluate new potential markets and climate-related opportunities. As a result, we have passed on more than one deal due to the potential flood risk. Every Investment Committee review covers resilience and energy. We take a proactive approach to understand and protect our properties against potential risks related to climate change and business continuity and have also leveraged this Platform to assess all of our current operational assets. At the operational level, these assessments in some cases expedite deeper asset level adaptation review. We carry insurance for all of our properties—including those under development—against natural events such as flood, fire, earthquake and other catastrophic weather events subject to deductibles and coinsurance. All potential acquisitions and developments are evaluated by our diligence team for resiliency, including their susceptibility to floods, wildfires, etc. Our internal Investment Committee reviews all acquisitions and developments based on our diligence and will allocate funds to make appropriate improvements to properties such as moving generators and elevator rooms above possible flood levels.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Risks

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

Select all that apply

☑ Climate change

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

In 2021, we committed 10M to a venture capital "climate technology fund" devoted to discovering and commercializing new technologies to decarbonize the global real estate industry and have deployed 6.7M by the end of 2023. This builds on previous investments and leadership roles as a corporate partner, which we value as a way to provide us with access, exposure and input around these technologies, and advance our decarbonization planning. Equity Residential has been piloting Runwise's unique sensor network and software platform to more efficiently monitor and operate our heating systems. Online heating controls tell heating systems when to turn on and off by using data from an indoor temperature sensor network and outdoor weather patterns and forecasted weather patterns. This wireless technology has been rolled out at 29 of our properties. Based on our initial implementation, it is estimated that Runwise will save the company nearly 400,000 and reduce our overall heating by about 150,000 therms.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

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

Select all that apply

☑ Climate change

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

As the climate continues to change, we recognize the increased likelihood of acute weather events and other climate-related impacts to our business, operations and buildings. Following our climate-related resilience and risk assessments, we have taken a proactive approach to protect our properties against these potential physical climate-related risks to business continuity. In particular, we have a Business Continuity Policy that guides how we manage risks to our business operations. The policy provides an overview of the processes we use to ensure the timely restoration and continuation of Equity Residential's business in the event of a disaster, system failure or other business interruption. The policy also guides our preparedness across each of our business units, so we may continue critical operations in the event of a disaster or system outage. As we continue to focus on climate change, we are eager to demonstrate an increased level of rigor and oversight and plan to reduce our absolute Scope 1, 2 and 3 emissions (from waste generated in operations and downstream leased assets) 30% by 2030 (from a 2018 baseline), in alignment with the Science Based Targets Initiative. We believe the TCFD recommendations provide an effective way to understand, prioritize and disclose climate-related risks and opportunities to our investors and other stakeholders. We continue to assess the climate-related risks and opportunities in our business to determine our exposure to potential financial implications from climate change, in the near and long-term.

[Add row]

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

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Assets

☑ Direct costs

☑ Indirect costs

☑ Capital expenditures

☑ Acquisitions and divestments

☑ Access to capital
☑ Capital allocation

(5.3.2.2) Effect type

Select all that apply
☑ Risks
☑ Opportunities

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

Select all that apply
☑ Climate change

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

As described in section 3.1.1 of this CDP response, we consider the potential direct and indirect costs to inform capital allocation towards measures that would build resiliency for climate hazards. These decisions are assessed at the asset level. For new acquisitions and developments, we complete a resilience analysis during due diligence to identify potential risk. We have in the past declined to buy properties due to the estimated financial impact from relevant climate risks and will continue to do so. We also budget to implement resilience measures, where appropriate, to address climate risk impacts identified during due diligence. We also leverage Green Bonds, which are fixed-income instruments designed to support projects that contribute to environmental sustainability, to finance our sustainable developments and acquisitions. In 2018, Equity Residential was the first multifamily REIT to issue a Green Bond, with a 400 million issuance of 10-year unsecured notes. In August 2021, we issued a second Green Bond, with a 500 million issuance of 10- year unsecured notes. The net proceeds from these issuances were allocated to the development or acquisition of green buildings and/or investments in renewable energy, energy efficiency, and sustainable water management.
[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition	Methodology or framework used to assess alignment with your organization's climate transition
	Select from: ☑ Yes	*Select all that apply* ☑ Other methodology or framework

[Fixed row]

(5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization's climate transition.

Row 1

(5.4.1.1) Methodology or framework used to assess alignment

Select from:
☑ Other, please specify **:**Percentage share of revenue in alignment with our climate transition plan is calculated by taking the 2023 revenue from our buildings that have a LEED certification or other green building certification such as ENERGY STAR certification.

(5.4.1.5) Financial metric

Select from:
☑ Revenue/Turnover

(5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

463310502

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

16.2

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

We are committed to continually improving our sustainable building strategy to maintain our position as an innovator in U.S. real estate. All of our development projects, worth approximately 900 million, are in the process of receiving LEED certification or other green building certifications. Percentage share of revenue in alignment with the climate transition is calculated by taking the 2023 revenue from our buildings that have a LEED certification or other green building certification such as ENERGY STAR certification.
[Add row]

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

(5.5.1) Investment in low-carbon R&D

Select from:
☑ Yes

(5.5.2) Comment

To stay up to date on new innovations and technologies, in 2021, we committed 10M to a venture capital "climate technology fund" sponsored by Fifth Wall, a prominent real estate technology fund promoter, devoted to discovering and commercializing new technologies to decarbonize the global real estate industry. This investment provides us with access, exposure and input around these technologies and advances our decarbonization planning. We have invested 6.7 million by the end of 2023 into the Fifth Wall climate technology fund and continue to pilot promising technologies with portfolio-wide applications.
[Fixed row]

(5.5.6) Provide details of your organization's investments in low-carbon R&D for real estate and construction activities over the last three years.

Row 1

(5.5.6.1) Technology area

Select from:
☑ Unable to disaggregate by technology area

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

100

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

100

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

To stay up to date on new innovations and technologies, in 2021, we committed 10M to a venture capital "climate technology fund" sponsored by Fifth Wall, a prominent real estate technology fund promoter, devoted to discovering and commercializing new technologies to decarbonize the global real estate industry. This investment provides us with access, exposure and input around these technologies and advances our decarbonization planning. We have invested 6.7 million by the end of 2023 into the Fifth Wall climate technology fund and continue to pilot promising technologies with portfolio-wide applications.
[Add row]

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

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

[Fixed row]

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

Row 1

(5.10.1.1) Type of pricing scheme

Select from:
☑ Shadow price

(5.10.1.2) Objectives for implementing internal price

Select all that apply
☑ Drive low-carbon investment

(5.10.1.3) Factors considered when determining the price

Select all that apply
☑ Alignment with the price of a carbon tax

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

Our internal price on carbon is adjusted to align with local regulatory Building Energy Performance Standards.

(5.10.1.5) Scopes covered

Select all that apply
☑ Scope 1
☑ Scope 2
☑ Scope 3, Category 13 - Downstream leased assets

(5.10.1.6) Pricing approach used – spatial variance

Select from:
☑ Uniform

(5.10.1.8) Pricing approach used – temporal variance

Select from:
☑ Evolutionary

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

We expect our price to be maintained or decrease over time as the weighted average of costs to comply with BEPS across jurisdictions decreases.

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

250

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

250

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

Select all that apply

☑ Capital expenditure

☑ Risk management

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

Select from:

☑ Yes, for some decision-making processes, please specify **:**For lower-yielding carbon reduction capital projects

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

1

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

Select from:

☑ No

[Add row]

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

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:
☑ Yes

(5.11.2) Environmental issues covered

Select all that apply
☑ Climate change

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:
☑ Yes

(5.11.2) Environmental issues covered

Select all that apply
☑ Climate change

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:
☑ Yes

(5.11.2) Environmental issues covered

Select all that apply
☑ Climate change

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

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

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:
☑ Not an immediate strategic priority

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

Our residents, investors and shareholders, and suppliers are our key stakeholder groups.
[Fixed row]

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

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

[Fixed row]

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

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

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

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

Select all that apply
☑ Procurement spend

(5.11.2.4) Please explain

We prioritize engagement with our critical suppliers, which are defined as procurement vendors with which Equity Residential spent greater than 1M in 2023.
[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	Comment
Climate change	*Select from:* ☑ No, and we do not plan to introduce environmental requirements related to this environmental issue within the next two years	*Select from:* ☑ No, we do not have a policy in place for addressing non-compliance	*We are currently still evaluating our critical suppliers' level of awareness and knowledge of environmental-related topics.*

[Fixed row]

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

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ No other supplier engagement
[Add row]

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

Climate change

(5.11.9.1) Type of stakeholder

Select from:
☑ Customers

(5.11.9.2) Type and details of engagement

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

(5.11.9.3) % of stakeholder type engaged

Select from:
☑ 100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:
☑ 100%

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

We engage with residents across our portfolio to educate them on the sustainable features at their properties and what measures have been implemented to reduce the building's overall climate change impact. Sustainability-related features, such as on-site renewable energy, electric vehicle charging stations, and any green building certifications the property has attained (if available), are highlighted each asset in our portfolio's landing page. Engagement and information sharing is tailored by our employees to each property, with resources and training provided to employees through our Green Marking and Awareness project to support engagement efforts. At many properties, signage highlights how initiatives implemented throughout the property are reducing its climate impact (e.g., lighting powered

by solar, pool heated by solar). For our New York properties, we use awareness of New York City's Demand Response program to engage our residents on energy usage and efficiency and actively promote enrollment into energy and demand management with local partners. At properties where we have installed "smart rent" programmable thermostats, we provide resident training on how to program the thermostats to reduce energy consumption and reduce costs. More globally, we also send out notifications, such as emails, in the summer months to provide guidance on programmable thermostats usage and settings. Finally, we've expanded our resident surveys to include questions around energy and water efficiency, building sustainability, LEED, and recycling to better understand resident preferences and increase engagement, with coverage of tens of thousands of residents. Recent surveys indicate energy and water efficiency as highly rated as a key focus area. Because residents play an outsized impact on driving the operational emissions of our buildings (Scope 3 emissions from Category 13: Downstream Leased assets in fact make up nearly 100% of our total Scope 3 emissions), and we have implemented sustainability measures across all properties, we engage with all residents across all of our assets.

(5.11.9.6) Effect of engagement and measures of success

We measure the impact of our engagement through our annual resident engagement survey on sustainability topics. This resident engagement survey is sent to a select pool of residents to gauge their interest and awareness of sustainability features and Equity Residential's overall sustainability strategy to reduce climate change impact. Questions include those asking residents to rate their awareness of Equity Residential's commitment to reducing its carbon footprint, the environmental sustainability of their rented space and if a property receiving a green building certification would be important to them. Success for us is defined as residents on average rating these questions positively (3 or greater on a scale out of 5) and seeing improvement in scores over time. We've also recently surveyed our residents and found that energy and water efficiency and related cost savings was one of the most important characteristics. We also measure success through seeing reductions in our Scope 3 emissions and progress towards our science-based emissions reduction target (covering Scope 1, 2, and 3). Resident energy usage and corresponding emissions are the largest piece of our total Scope 3 emissions, thus a reduction in their energy-related emissions that leads to eventual achievement of our target demonstrates successful resident engagement.

Climate change

(5.11.9.1) Type of stakeholder

Select from:
☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing
☑ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:
☑ 100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:
☑ None

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

Our investors are one of our key stakeholder groups. We engage regularly with them through quarterly earning calls, investor and analyst conferences, meetings and property tours, and outreach from our Investor Relations Team. In these conversations and in publicly disclosed information, such as our Corporate Responsibility Report and financial filings, we share information on our environmental initiatives, progress, and achievements.

(5.11.9.6) Effect of engagement and measures of success

Our engagement with investors is year-round. Feedback from investors on our environmental initiatives, progress, and achievements are considered in strategic planning as we continue to evolve our program.
[Add row]

C6. Environmental Performance - Consolidation Approach

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

	Consolidation approach used	Provide the rationale for the choice of consolidation approach
Climate change	*Select from:* ☑ Operational control	*Aligned with financial reporting*
Plastics	*Select from:* ☑ Other, please specify :We have not determined a consolidation approach for plastics.	*We have not determined a consolidation approach for plastics.*
Biodiversity	*Select from:* ☑ Operational control	*Aligned with financial reporting*

[Fixed row]

C7. Environmental performance - Climate Change

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

Select from:
☑ No

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

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

[Fixed row]

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

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

[Fixed row]

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

Select all that apply
☑ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
☑ The Greenhouse Gas Protocol: Scope 2 Guidance
☑ The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

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

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from: ☑ We are reporting a Scope 2, location-based figure	*Select from:* ☑ We are reporting a Scope 2, market-based figure	*Our Scope 2 location-based and market-based emissions have historically been the same as we do not purchase market-based instruments.*

[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

Natural gas consumption under control of tenants

(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

A small subset of natural gas that is purchased by Equity Residential but controlled by tenants are not included in Scope 1 emissions

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

No percentage of emissions that were excluded were estimated. These emissions are included under Scope 3 emissions.

Row 2

(7.4.1.1) Source of excluded emissions

Electricity consumption under the operational control of tenants

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

Select all that apply

☑ Scope 2 (location-based)

☑ Scope 2 (market-based)

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:

☑ Emissions are not relevant

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:
☑ Emissions are not relevant

(7.4.1.10) Explain why this source is excluded

Electricity that is purchased by Equity Residential but controlled by tenants are not included in Scope 2 emissions

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

No percentage of emissions that were excluded were estimated. These emissions are included under Scope 3 emissions.

Row 3

(7.4.1.1) Source of excluded emissions

Diesel consumption from backup generator

(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

This source was excluded due to minimal usage of backup generators.

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

No percentage of emissions that were excluded were estimated.

Row 4

(7.4.1.1) Source of excluded emissions

Fugitive emissions from refrigerant leakage and fire suppressant

(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

This source was excluded due to limited access to data. We are estimating the worst-case scenario to make sure that the fugitive emissions are well below the 5% threshold for assurance purposes.

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

We estimated potential refrigerant leakage using very conservative leakage rates and identified that even in this conservative scenario, fugitive emissions do not make up a significant portion of Scope 12 emissions.

[Add row]

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

Scope 1

(7.5.1) Base year end

12/31/2014

(7.5.2) Base year emissions (metric tons CO2e)

101707

(7.5.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2014

(7.5.2) Base year emissions (metric tons CO2e)

138228

(7.5.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2014

(7.5.2) Base year emissions (metric tons CO2e)

138228.0

(7.5.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2018

(7.5.2) Base year emissions (metric tons CO2e)

18234

(7.5.3) Methodological details

Property trash and recycling tonnage is reported using three separate methods depending on what data is available: national billing vendor provided data, submarket average, and national average. The resulting landfill tonnage and recycling tonnage were used to estimate greenhouse gas emissions using the EPA's Waste Reduction Model (WARM) version 15 (https://www.epa.gov/warm/versions-waste-reduction-model-warm#15). This estimation also includes emissions occurring during the transport of materials to management facilities. Office waste was estimated with Waste Calculator (https://www.zerowastedesign.org/waste-calculator/) based on the number of employees. The emissions from the estimated office waste are also calculated using the WARM tool referenced above. Emissions from wastewater are excluded.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2018

(7.5.2) Base year emissions (metric tons CO2e)

140904

(7.5.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Emission factors for tenant electricity and fuel use are the same as those described in the methodological details for Scope 1 and Scope 2 emissions. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use b tenants are excluded.
[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)

62911

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Past year 1

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

68855

(7.6.2) End date

12/31/2022

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Past year 2

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

70696

(7.6.2) End date

12/31/2021

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Past year 3

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

72530

(7.6.2) End date

12/31/2020

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Past year 4

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

81803

(7.6.2) End date

12/31/2019

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2, CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.

Past year 5

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

81089

(7.6.2) End date

12/31/2018

(7.6.3) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Fuel combustion is converted to GHG (CO2,

CH4 and N20) using the EPA's Emission Factors for Greenhouse Gas Inventories. The global warming potentials (GWP) are also provided by the same document. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use are excluded.
[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)

46120

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

46120

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Past year 1

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

48770

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

48770

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Past year 2

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

42829

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

42829

(7.7.3) End date

12/31/2021

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Past year 3

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

44291

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

44291

(7.7.3) End date

12/31/2020

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Past year 4

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

52656

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

52656

(7.7.3) End date

12/31/2019

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.

Past year 5

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

51994

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

51994

(7.7.3) End date

12/31/2018

(7.7.4) Methodological details

Calculated in compliance with World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD Protocol http://www.ghgprotocol.org/). Gases CO2, CH4, N2O included. Electric use is aggregated by eGRID subregion. Source for emissions factors and global warming potential (GWP) rates used: https://www.epa.gov/egrid/emissions-generation-resource-integrated-database-egrid. Equity Residential does not purchase market-based instruments such as RECs or carbon offsets.
[Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Equity Residential does not purchase goods or services, outside of categories 5, 6, 7

Capital goods

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Equity Residential does not extract, produce, or transport goods

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

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Equity Residential does not extract, produce, or transport fuel and energy

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not sell or distribute products.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

16097

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Waste-type-specific method

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

91.5

(7.8.5) Please explain

Our residents and tenants live and work out of our buildings and generate waste with daily activities, which contributes to our buildings' overall waste generation profile and Scope 3 emissions. Property trash and recycling tonnage is reported using three separate methods depending on what data is available: national billing vendor provided data, submarket average, and national average. The resulting landfill tonnage and recycling tonnage were used to estimate greenhouse gas emissions using the EPA's Waste Reduction Model (WARM) version 15 (https://www.epa.gov/warm/versions-waste-reduction-model-warm#15). This estimation also includes emissions occurring during the transport of materials to management facilities. Office waste was estimated with Waste Calculator (https://www.zerowastedesign.org/waste-calculator/) based on the number of employees. The emissions from the estimated office waste are also calculated using the WARM tool referenced above. Emissions from wastewater are excluded.

Business travel

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Negligible – estimated at less than 0.5% of Scope 3 emissions. Included estimates of business air travel

Employee commuting

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Negligible – estimated at less than 3% of Scope 3 emissions. Estimated using employee on-road passenger vehicle commuting.

Upstream leased assets

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Equity Residential does not lease upstream assets

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not sell or distribute products.

Processing of sold products

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not sell or distribute products.

Use of sold products

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not sell or distribute products.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not sell or distribute products.

Downstream leased assets

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

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

137391

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Hybrid method

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

53.4

(7.8.5) Please explain

Our residents and tenants live and work out of our buildings and consume energy with daily activities, and though they are billed separately for their utility consumption, their usage is still contributing to our buildings' overall energy usage and emissions profile. Estimation completed using hybrid approach of portfolio EUI's, CBECs data, and real data where available. Includes tenant electricity and natural gas consumption. Emission factors for tenant electricity and fuel use are the same as those described in the methodological details for Scope 1 and Scope 2 emissions. Fugitive emissions refrigerant equipment and fire suppressant and diesel backup generator fuel use b tenants are excluded.

Franchises

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

This is not part of Equity Residential's business model. We do not have any franchises.

Investments

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

Emissions covered in Scope 1 and Scope 2

Other (upstream)

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

We have not identified any relevant, additional upstream emission sources.

Other (downstream)

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

We have not identified any relevant, additional downstream sources.
[Fixed row]

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

	End date	Scope 3: Waste generated in operations (metric tons CO2e)	Scope 3: Downstream leased assets (metric tons CO2e)
Past year 1	*12/31/2022*	*16856*	*146228*
Past year 2	*12/31/2021*	*16679*	*134209*
Past year 3	*12/31/2020*	*17223*	*128065*
Past year 4	*12/31/2019*	*16025*	*133343*
Past year 5	*12/31/2018*	*18234*	*140904*

[Fixed row]

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

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

[Fixed row]

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

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

ER CY2023 Assurance Statement Final.pdf

(7.9.1.5) Page/section reference

All pages. Page 2 shows a table with our Scope 1 emissions.

(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

ER CY2023 Assurance Statement Final.pdf

(7.9.2.6) Page/ section reference

All pages. Page 2 shows a table with our Scope 2 emissions (market and location based).

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100

Row 2

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

ER CY2023 Assurance Statement Final.pdf

(7.9.2.6) Page/ section reference

All pages. Page 2 shows a table with our Scope 2 emissions (market and location based).

(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: Waste generated in operations
☑ Scope 3: Downstream leased assets

(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

ER CY2023 Assurance Statement Final.pdf

(7.9.3.6) Page/section reference

All pages. Page 2 shows a table with our Scope 3 emissions categories.

(7.9.3.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

100
[Add row]

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

Select from:
☑ Decreased

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

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

15

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

2022 renewable energy generation minus 2023 renewable energy generation converted to GHG emissions.

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

8006

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

7

(7.10.1.4) Please explain calculation

Estimated emission reduction from efficiency projects.

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

330

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

2022 emissions for properties sold in 2023 minus 2023 emissions for properties sold in 2023 led to avoided emissions from properties sold.

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

774

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

(7.10.1.3) Emissions value (percentage)

1

(7.10.1.4) Please explain calculation

Emissions for properties acquired in 2023 (2023 emissions for properties acquired in 2022 – 2022 emissions for properties acquired in 2022) (2023 emissions for development properties put in service in 2022 – 2022 emissions for developments put in service in 2022) emissions from new development put into service in 2023

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

N/A

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

N/A

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

140

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Customer EV charging usage removed from Scope 2

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

N/A

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

907

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

1

(7.10.1.4) Please explain calculation

Decrease in eGRiD emission factors, used as an input for our Scope 2 emissions calculations.

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

N/A

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

907

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

1

(7.10.1.4) Please explain calculation

Decrease in eGRiD emission factors, used as an input for our Scope 2 emissions calculations.
[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)

62842

(7.15.1.3) GWP Reference

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

Row 2

(7.15.1.1) Greenhouse gas

Select from:
☑ CH4

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

30.5

(7.15.1.3) GWP Reference

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

Row 3

(7.15.1.1) Greenhouse gas

Select from:
☑ N2O

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

38.2

(7.15.1.3) GWP Reference

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

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

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
United States of America	*62911*	*46120*	*46120*

[Fixed row]

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

Select all that apply
☑ By business division
☑ By activity

(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	*Low-Rise*	*8102*
Row 2	*Mid-Rise*	*19930*
Row 3	*High-Rise*	*34214*
Row 4	*Mid & High Rises*	*664*

[Add row]

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

	Activity	Scope 1 emissions (metric tons CO2e)
Row 1	*Heating Oil*	*1637*
Row 2	*Natural Gas*	*61274*

[Add row]

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

Select all that apply

☑ By business division
☑ By activity

(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	*Low-Rise*	*3752*	*3752*
Row 2	*High-Rise*	*24634*	*24634*
Row 6	*Mid-Rise*	*15561*	*15561*
Row 7	*Mid & High Rises*	*1365*	*1365*
Row 8	*Office*	*808*	*808*

[Add row]

(7.20.3) Break down your total gross global Scope 2 emissions by business activity.

	Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	*Self Generated Electricity*	*0*	*0*
Row 2	*Grid Electricity*	*46120*	*46120*

[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)

62911

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

46120

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

46120

(7.22.4) Please explain

We report all emissions at the consolidated level for all of Equity Residential.

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

All entities and corresponding emissions are included under the consolidated accounting group for Equity Residential.
[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:
☑ Not relevant as we do not have any subsidiaries

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

Select from:
☑ More than 10% but less than or equal to 15%

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

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

[Fixed row]

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

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

344574

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

344574

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

6523

(7.30.1.3) MWh from non-renewable sources

155964

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

162487

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:

☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

4175

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

4175

Total energy consumption

(7.30.1.1) Heating value

Select from:

☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

10699

(7.30.1.3) MWh from non-renewable sources

500538

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

511237
[Fixed row]

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

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

☑ 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

(7.30.7.6) 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

We currently do not consume sustainable biomass for self-generation of electricity, heat, steam, cooling and cogeneration or trigeneration.

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

(7.30.7.6) 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

We currently do not consume other biomass for self-generation of electricity, heat, steam, cooling and cogeneration or trigeneration.

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

(7.30.7.6) 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

We currently do not consume other renewable fuels for self-generation of electricity, heat, steam, cooling and cogeneration or trigeneration.

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

(7.30.7.6) 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

We currently do not consume coal for self-generation of electricity, heat, steam, cooling and cogeneration or trigeneration.

Oil

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

6487

(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

6487

(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

We currently consume oil only for self-generation of heat.

Gas

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

338087

(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

(7.30.7.6) 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

We currently do not have a breakdown of what portion of our gas consumption was consumed for self-generation of heat or cogeneration.

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

(7.30.7.6) 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

We currently do not consume other non-renewable fuels for self-generation of electricity, heat, steam, cooling and cogeneration or trigeneration.

Total fuel

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

344575

(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

6487

(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

We currently do not have a breakdown of what portion of our gas consumption was consumed for self-generation of heat or cogeneration.
[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)

6835

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

6523

(7.30.9.3) Gross generation from renewable sources (MWh)

6835

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

6523

Heat

(7.30.9.1) Total Gross generation (MWh)

4176

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

4176

(7.30.9.3) Gross generation from renewable sources (MWh)

4176

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

4174

Steam

(7.30.9.1) Total Gross generation (MWh)

0

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

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

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

0

Cooling

(7.30.9.1) Total Gross generation (MWh)

0

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

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

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

0

[Fixed row]

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

Row 1

(7.30.14.1) Country/area

Select from:
☑ United States of America

(7.30.14.2) Sourcing method

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

(7.30.14.10) Comment

Equity Residential did not purchase any low carbon sources of energy in the reporting year.
[Add row]

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

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

155964

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

6523

(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)

4176

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

166663.00
[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

0.000038

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

109031

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

2873964000

(7.45.5) Scope 2 figure used

Select from:
☑ Market-based

(7.45.6) % change from previous year

11.8

(7.45.7) Direction of change

Select from:
☑ Decreased

(7.45.8) Reasons for change

Select all that apply
☑ Change in renewable energy consumption
☑ Other emissions reduction activities
☑ Divestment
☑ Acquisitions
☑ Change in methodology

(7.45.9) Please explain

Our underlying energy use in our buildings went down on every front, including gas and electric, in both our common areas and our resident usage. While we did benefit from some improvement of some grid emission factors, the majority of the emissions savings is the result of reduced energy consumption due to sustainability related investments and operational improvements. This absolute improvement is despite headwinds of larger net acquisitions in 2023 and largely without off site renewable energy procurement or offsets, following our strategy to focus on energy reduction first.
[Add row]

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

Row 1

(7.52.1) Description

Select from:
☑ Energy usage

(7.52.2) Metric value

511237

(7.52.3) Metric numerator

MWh of energy consumed

(7.52.4) Metric denominator (intensity metric only)

88355906

(7.52.5) % change from previous year

7.11

(7.52.6) Direction of change

Select from:
☑ Decreased

(7.52.7) Please explain

Our underlying energy use in our buildings went down on every front, including gas and electric, in both our common areas and our resident usage. While we did benefit from some improvement of some grid emission factors, the majority of the emissions savings is the result of reduced energy consumption due to sustainability related investments and operational improvements. This absolute improvement is despite headwinds of larger net acquisitions in 2023 and largely without off site renewable energy procurement or offsets, following our strategy to focus on energy reduction first. Metric denominator included is square footage adjusted for ownership in 2023.
[Add row]

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

Select all that apply
☑ Absolute target
☑ Intensity 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

Equity Residential Certificate of Validation _SBTi.pdf

(7.53.1.4) Target ambition

Select from:
☑ Well-below 2°C aligned

(7.53.1.5) Date target was set

12/30/2023

(7.53.1.6) Target coverage

Select from:
☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply
☑ Carbon dioxide (CO2)
☑ Methane (CH4)
☑ Nitrous oxide (N2O)

(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 5 – Waste generated in operations
☑ Scope 3, Category 13 – Downstream leased assets

(7.53.1.11) End date of base year

12/31/2018

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

81089

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

51994

(7.53.1.18) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

18234

(7.53.1.26) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

140904

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

159138.000

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

292221.000

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

98

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

100

(7.53.1.39) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

11.5

(7.53.1.47) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

88.5

(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)

100

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

99

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

30

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

204554.700

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

62911

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

46120

(7.53.1.63) Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

16097

(7.53.1.71) Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

137391

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

153488.000

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

262519.000

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

33.88

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

Our target covers over 99% of our Scope 1, 2, and covered Scope 3 emissions. Broken out, this target covers over 98% of our operational emissions (Scope 1 and 2) and 100% of our total Scope 3 emissions. Scope 1 emissions exclude diesel from backup generators, fugitive emissions from refrigerant leakage and fire suppressant and there are no Scope 2 exclusions. The Scope 3 categories included (Category 5: Waste generated in operations and Category 13: Downstream leased assets) are ones we identified in our Scope 3 emissions screening as most significant to our total Scope 3 emissions as they include gross natural gas and electric consumption that is under the operational control of tenants. The percent of Scope 3 emissions covered by our target was confirmed by estimating our Scope 3 emissions for other categories (discussed in early parts of C7).

(7.53.1.83) Target objective

We are focused on meeting our emissions and energy reduction targets and preparing for a transition to a low-carbon economy. We plan to leverage the unique opportunity we see around building decarbonization regulations in our markets to support our efforts, realizing synergies between energy efficiency, cost savings, compliance, and carbon reductions.

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

We plan to meet our science-based emissions reduction targets by prioritizing energy efficiency, installing on-site renewable energy, and supplementing with off-site renewable energy where needed. We employ sustainable building standards for new construction and renovations of existing assets through our Equity Sustainability Design Standards, which incorporates sustainable building principles as described in our Environmental Management System and ensures there are processes in place to develop highly efficient buildings that produce less emissions when they are operating. All of our wholly owned development projects are designed to LEED Gold certification standards or higher. For our standing assets, we plan to continue implementing a variety of initiatives and projects that enhance energy efficiency and reduce energy consumption, including implementation of LED lighting, boiler and HVAC efficiency upgrades, smart building software as well as deploying

programmatic educational operational energy best practices. We also aim to reduce our emissions by installing additional on-site solar on our properties and increasing the amount of renewable energy we generate and consume. We have spent 10.9M in sustainability-related capital projects or efficiency improvements that generate measurable return on investment by the end of 2023. We have seen a 10.2% absolute reduction of Scope 1, 2, and 3 GHG emissions since 2018.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:
☑ Yes
[Add row]

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

Row 1

(7.53.2.1) Target reference number

Select from:
☑ Int 1

(7.53.2.2) Is this a science-based target?

Select from:
☑ No, but we are reporting another target that is science-based

(7.53.2.5) Date target was set

10/01/2022

(7.53.2.6) Target coverage

Select from:
☑ Organization-wide

(7.53.2.7) Greenhouse gases covered by target

Select all that apply
☑ Carbon dioxide (CO2)
☑ Methane (CH4)
☑ Nitrous oxide (N2O)

(7.53.2.8) Scopes

Select all that apply
☑ Scope 1
☑ Scope 2

(7.53.2.9) Scope 2 accounting method

Select from:
☑ Market-based

(7.53.2.11) Intensity metric

Select from:
☑ Metric tons CO2e per square foot

(7.53.2.12) End date of base year

12/31/2018

(7.53.2.13) Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)

0.92

(7.53.2.14) Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)

0.59

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

1.5100000000

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

98

(7.53.2.35) % of total base year emissions in Scope 2 covered by this Scope 2 intensity figure

100

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

99

(7.53.2.55) End date of target

12/31/2030

(7.53.2.56) Targeted reduction from base year (%)

30

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

1.0570000000

(7.53.2.58) % change anticipated in absolute Scope 1+2 emissions

-30

(7.53.2.60) Intensity figure in reporting year for Scope 1 (metric tons CO2e per unit of activity)

0.71

(7.53.2.61) Intensity figure in reporting year for Scope 2 (metric tons CO2e per unit of activity)

0.52

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

1.2300000000

(7.53.2.81) Land-related emissions covered by target

Select from:

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

(7.53.2.82) % of target achieved relative to base year

61.81

(7.53.2.83) Target status in reporting year

Select from:

☑ Underway

(7.53.2.85) Explain target coverage and identify any exclusions

Our target covers over 99% of our Scope 1, 2, and covered Scope 3 emissions. Broken out, this target covers over 98% of our operational emissions (Scope 1 and 2) and 100% of our total Scope 3 emissions. Scope 1 emissions exclude diesel from backup generators, fugitive emissions from refrigerant leakage and fire suppressant and there are no Scope 2 exclusions.

(7.53.2.86) Target objective

We are focused on meeting our emissions and energy reduction targets and preparing for a transition to a low-carbon economy. We plan to leverage the unique opportunity we see around building decarbonization regulations in our markets to support our efforts, realizing synergies between energy efficiency, cost savings, compliance, and carbon reductions.

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

We plan to meet our science-based emissions reduction targets by prioritizing energy efficiency, installing on-site renewable energy, and supplementing with off-site renewable energy where needed. We employ sustainable building standards for new construction and renovations of existing assets through our Equity Sustainability Design Standards, which incorporates sustainable building principles as described in our Environmental Management System and ensures there are processes in place to develop highly efficient buildings that produce less emissions when they are operating. All of our wholly owned development projects are designed to LEED Gold certification standards or higher. For our standing assets, we plan to continue implementing a variety of initiatives and projects that enhance energy efficiency

and reduce energy consumption, including implementation of LED lighting, boiler and HVAC efficiency upgrades, smart building software as well as deploying programmatic educational operational energy best practices. We also aim to reduce our emissions by installing additional on-site solar on our properties and increasing the amount of renewable energy we generate and consume. We have spent 10.9M in sustainability-related capital projects or efficiency improvements that generate measurable return on investment by the end of 2023. We have seen a 17.9% reduction of Scope 1 and 2 GHG emissions intensity since 2018.

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:
☑ Yes
[Add row]

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

Select all that apply
☑ Other climate-related targets

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

Row 1

(7.54.2.1) Target reference number

Select from:
☑ Oth 1

(7.54.2.2) Date target was set

10/01/2022

(7.54.2.3) Target coverage

Select from:
☑ Organization-wide

(7.54.2.4) Target type: absolute or intensity

Select from:
☑ Intensity

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

Energy consumption or efficiency
☑ MWh

(7.54.2.6) Target denominator (intensity targets only)

Select from:
☑ square foot

(7.54.2.7) End date of base year

12/31/2018

(7.54.2.8) Figure or percentage in base year

6.87

(7.54.2.9) End date of target

12/31/2030

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

5.49

(7.54.2.11) Figure or percentage in reporting year

5.67

(7.54.2.12) % of target achieved relative to base year

86.9565217391

(7.54.2.13) Target status in reporting year

Select from:
☑ Underway

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

This energy intensity reduction target supports Equity Residential's Scope 1, 2, and 3 science-based target at the well below 2C ambition level.

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

Select all that apply
☑ Science Based targets initiative - approved other

(7.54.2.17) Science Based Targets initiative official validation letter

Equity Residential Certificate of Validation _SBTi.pdf

(7.54.2.18) Please explain target coverage and identify any exclusions

This target covered 100% of the energy usage represented by and aggregated across invoices processed and paid for by either Equity Residential or third-party property managers. Energy use is adjusted to the ownership period or final TCO date.

(7.54.2.19) Target objective

We are focused on meeting our emissions and energy reduction targets and preparing for a transition to a low-carbon economy. We plan to leverage the unique opportunity we see around building decarbonization regulations in our markets to support our efforts, realizing synergies between energy efficiency, cost savings, compliance, and carbon reductions.

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

We plan to meet our energy reduction targets by prioritizing energy efficiency, installing on-site renewable energy, and supplementing with off-site renewable energy where needed. We employ sustainable building standards for new construction and renovations of existing assets through our Equity Sustainability Design Standards, which incorporates sustainable building principles as described in our Environmental Management System and ensures there are processes in place to develop highly efficient buildings that produce less emissions when they are operating. All of our wholly owned development projects are designed to LEED Gold certification

standards or higher. For our standing assets, we plan to continue implementing a variety of initiatives and projects that enhance energy efficiency and reduce energy consumption, including implementation of LED lighting, boiler and HVAC efficiency upgrades, smart building software as well as deploying programmatic educational operational energy best practices. We also aim to reduce our emissions by installing additional on-site solar on our properties and increasing the amount of renewable energy we generate and consume. We have spent 10.9M in sustainability-related capital projects or efficiency improvements that generate measurable return on investment by the end of 2023. We have seen a 17.6% reduction of energy intensity since 2018.
[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	*14*	*`Numeric input*
To be implemented	*23*	*3747*
Implementation commenced	*16*	*3604*
Implemented	*21*	*1739*
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)

450

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

Select all that apply
☑ Scope 1
☑ Scope 2 (location-based)
☑ 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)

188315

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

384836

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 11-15 years

Row 2

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy generation
☑ Solar PV

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

305

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

Select all that apply
☑ Scope 2 (location-based)
☑ 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)

242845

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

2043271

(7.55.2.7) Payback period

Select from:
☑ 4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 16-20 years

Row 3

(7.55.2.1) Initiative category & Initiative type

Company policy or behavioral change
☑ Resource efficiency

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

502

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

Select all that apply
☑ Scope 1

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

106821

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

247161

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 11-15 years

(7.55.2.9) Comment

From efficient water fixtures

Row 4

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Motors and drives

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

6

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

Select all that apply
☑ Scope 2 (location-based)
☑ 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)

5227

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

5227

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 11-15 years

Row 5

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Other, please specify **:**Controls

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

271

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

Select all that apply

☑ Scope 2 (location-based)
☑ 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)

80530

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

14796

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 11-15 years

Row 6

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Lighting

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

204

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

Select all that apply

☑ Scope 2 (location-based)

☑ 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)

148838

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

543104

(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

[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

Equity Residential's Energy and Emissions program strategy is to actively manage its energy, environmental impact and regulatory compliance through optimized capital investments into programs, technologies and new developments, which drive value, effectively manage risks and engage our stakeholders as part of our broader Corporate Responsibility strategy and commitment. We maintain an internal Regulation Tracker and provide updates on relevant Building Energy Performance Standards to our investment teams quarterly. Our CEO conducts an annual check-in with every market on any Building Energy Performance Standards that are in place and how our buildings are tracking against those.

Row 2

(7.55.3.1) Method

Select from:
☑ Dedicated budget for energy efficiency

(7.55.3.2) Comment

Our strong balance sheet and portfolio of more than 300 properties provides us with opportunities to invest in projects that improve the long-term sustainability of our assets. We do so by first understanding our footprint, so that we can target and prioritize projects and efforts in ways that maximize the impact and keep us on track for our goals. We continually screen our portfolio for sustainability retrofits including LED lighting, on-site renewable energy, efficient central system upgrades, heating and cooling controls, ventilation sealing and improved insulation. In many cases, we use third-party audits to holistically survey building performance. We have invested tens of millions of dollars in capital improvements and unit upgrades focusing on energy and water savings at accretive returns. In 2023, we invested about 10.9 million in sustainability-related capital projects that generate a clear return on investment and expect to see over 500k of operational savings due to the energy and water efficiency measures implemented across the portfolio. We prioritize projects based on impact, size, cost, financial return, local regulations, ease of execution and timing with capital planning. We implement the high-priority items each year as budgets allow. Equity Residential consistently evaluates on-site renewable energy viability and installs on-site clean and renewable energy wherever feasible. Together, reduction initiatives and renewable energy initiatives lower our carbon footprint and increase the resiliency of our new assets. Our Investments Team analyzes emissions reduction investments on a continuous basis to learn from our initiatives and further reduce our environmental impacts.
[Add row]

(7.72) Does your organization assess the life cycle emissions of new construction or major renovation projects?

(7.72.1) Assessment of life cycle emissions

Select from:
☑ No, but we plan to for upcoming projects

(7.72.2) Comment

All of our new wholly owned developments must be certified to LEED Gold. We prioritize environmentally sustainable and occupant-focused healthy design throughout our portfolio. As such, our Equity Sustainability Design Standards provides guidance on selecting construction materials and furnishings that promote both priorities during development projects and renovations. There are minimum required material prioritization standards that every project must consider, for example, materials that are locally extracted, rapidly renewable, have high performance product specifications, and are evaluated for embodied carbon by using Environmental Product Declarations (EPDs) and Life Cycle Assessments (LCAs).
[Fixed row]

(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:
☑ No taxonomy used to classify product(s) or service(s) as low carbon

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

Other

☑ Other, please specify **:**Buildings with energy efficiency and decarbonization initiatives, many of which have achieved green building certifications

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

Multifamily residential buildings

(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 **:**See explanation of calculation portion of this question's response.

(7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Select from:

☑ Use stage

(7.74.1.8) Functional unit used

mtCO2e

(7.74.1.9) Reference product/service or baseline scenario used

Environmental impact of a LEED baseline building, which is based on code requirements (ASHRAE 90.1-2007 for energy, and for water EPAct 1992 and ASME A112.18.1-2005).

(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario

Select from:
☑ Use stage

(7.74.1.11) Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

11578

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

Energy savings for four of our LEED certified buildings are calculated by comparing energy usage of a LEED baseline building, which is based on code requirements (ASHRAE 90.1-2007 for energy), with the estimated energy usage modeled out for our LEED certified buildings (using LEED Building Design and Construction v3 and v4 depending on the project). These energy savings were then converted to avoided emissions through using the project's regional eGRID factor for electricity usage savings and EPA GHG emissions factors for fuel usage savings. These calculations for select buildings were conducted by our LEED consultant and shared with us through impact statements for these buildings. We then calculated average emissions savings per square feet for these buildings and applied these emissions saving intensity across our remaining number of buildings with green building certifications to reach our portfolio-wide estimate for avoided emissions.

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

16.2
[Add row]

(7.76) Does your organization manage net zero carbon buildings?

Select from:
☑ No, but we plan to in the future

(7.77) Did your organization complete new construction or major renovations projects designed as net zero carbon in the last three years?

Select from:
☑ No, but we plan to in the future

(7.78) Explain your organization's plan to manage, develop or construct net zero carbon buildings, or explain why you do not plan to do so.

With upcoming building performance and Zero Net Energy (ZNE), electrification and Passive House requirements in our markets, we are continually working to increase our internal understanding of cutting-edge innovations, trends and challenges in sustainable building design. This includes benchmarking existing and proposed municipal- and state- level goals and requirements for sustainable building design, doing ZNE and electrification gap analyses and cost assessments for new developments and better understanding of pathways to electrification. In 2023, as a learning exercise we performed a Passive House Gap Analysis for a new development project in Massachusetts. It identified several key areas for an efficient all electric multifamily building including balanced airflow, airsealing, and highly efficient central systems.

(7.79) Has your organization canceled any project-based carbon credits within the reporting year?

Select from:
☑ No

C11. Environmental performance - Biodiversity

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

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

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

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

Select all that apply
☑ Other, please specify :Conducted a preliminary biodiversity risk assessment for our full portfolio of standing assets
[Fixed row]

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

	Does your organization use indicators to monitor biodiversity performance?
	Select from: ☑ No, we do not use indicators, but plan to within the next two years

[Fixed row]

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

Legally protected areas

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

Select from:
☑ Data not available

(11.4.2) Comment

We currently do not have the tools to conduct an assessment of these areas. It is unlikely that our activities are located in or near this type of area.

UNESCO World Heritage sites

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

Select from:
☑ Data not available

(11.4.2) Comment

We currently do not have the tools to conduct an assessment of these areas. It is unlikely that our activities are located in or near this type of area.

UNESCO Man and the Biosphere Reserves

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

Select from:
☑ Data not available

(11.4.2) Comment

We currently do not have the tools to conduct an assessment of these areas. It is unlikely that our activities are located in or near this type of area.

Ramsar sites

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

Select from:
☑ Data not available

(11.4.2) Comment

We currently do not have the tools to conduct an assessment of these areas. It is unlikely that our activities are located in or near this type of area.

Key Biodiversity Areas

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

Select from:
☑ Yes

(11.4.2) Comment

We have identified the number of sites and area that has a significant biodiversity impact or are in proximity to critical biodiversity areas.

Other areas important for biodiversity

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

Select from:
☑ Data not available

(11.4.2) Comment

We currently do not have the tools to conduct an assessment of these areas. It is unlikely that our activities are located in or near this type of area.
[Fixed row]

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

Row 1

(11.4.1.2) Types of area important for biodiversity

Select all that apply
☑ Key Biodiversity Areas

(11.4.1.4) Country/area

Select from:
☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

Not disclosing at this time.

(11.4.1.6) Proximity

Select from:
☑ Data not available

(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

As an owner and operator of real estate in various markets nationwide, Equity Residential interacts with various species, habitats, ecosystems, and landscapes and strives to promote and protect the biodiversity of ecosystems in a manner intended to support sustainable development and usage of real estate. We conducted a preliminary biodiversity risk assessment for our full portfolio of standing assets. Through this scan, we were able to determine a cursory view of which of our sites may have a significant biodiversity impact or are in proximity to critical biodiversity areas. We plan to conduct a more robust biodiversity risk assessment in the future to gain insights not only on potential risk areas but also opportunities for how to manage these impacts.

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Not assessed

[Add row]

C13. Further information & sign off

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

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: ☑ Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

☑ Climate change

(13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Climate change

☑ Electricity/Steam/Heat/Cooling consumption
☑ Electricity/Steam/Heat/Cooling generation
☑ Emissions breakdown by country/area
☑ Fuel consumption

☑ Waste data

(13.1.1.3) Verification/assurance standard

General standards
☑ ISAE 3000

(13.1.1.4) Further details of the third-party verification/assurance process

As part of the verification process, our independent third-party assurer assessed energy consumption of our portfolio. Numbers are found on page 2 of the document.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

EQR_2023-assurance-statement_final.pdf
[Add row]

(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

(13.2.1) Additional information

Please visit Equity Residential's Corporate Responsibility Page (https://investors.equityapartments.com/Corporate-Responsibility/Introduction/default.aspx) and 2023 Corporate Responsibility Report (https://s1.q4cdn.com/843629197/files/doc_downloads/sustainability/2023/Equity-Residential-2023-ESG-Report-Final.pdf) for more details regarding EQR's Corporate Responsibility program.
[Fixed row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Chief Investment Officer

(13.3.2) Corresponding job category

Select from:

☑ Other C-Suite Officer

[Fixed row]