American Electric Power Company, Inc.

CDP Corporate Questionnaire 2026

Word version

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

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10/19/2026, 06:13 pm

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C1. Introduction

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

Select from:
☑ English

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

Select from:
☑ USD

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

(1.3.2) Organization type

Select from:
☑ Publicly traded organization

(1.3.3) Description of organization

American Electric Power (Nasdaq: AEP) is committed to improving our customers' lives with reliable, affordable power. We are investing $54 billion from 2025 through 2029 to enhance service for customers and support the growing energy needs of our communities. Our nearly 16,000 employees operate and maintain the nation's largest electric transmission system with 40,000 line miles, along with more than 225,000 miles of distribution lines to deliver energy to 5.6 million customers in 11 states. AEP also is one of the nation's largest electricity producers with approximately 29,000 megawatts of diverse generating capacity. We are focused on safety and operational excellence, creating value for our stakeholders and bringing opportunity to our service territory through economic development and community engagement. Our family of companies includes AEP Ohio, AEP Texas, Appalachian Power (in Virginia, West Virginia and Tennessee), Indiana Michigan Power, Kentucky Power, Public Service Company of Oklahoma, and Southwestern Electric Power Company (in Arkansas, Louisiana, east Texas and the Texas Panhandle). AEP also owns AEP Energy, a competitive retail energy supplier. AEP is headquartered in Columbus, Ohio.
[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

12/31/2025

(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:

☑ 2 years

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

Select from:

☑ 2 years

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

Select from:

☑ 2 years

[Fixed row]

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

21876000000

(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:
☑ Yes

(1.6.2) Provide your unique identifier

US0255371017

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

US0255371017

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

025537101

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

AEP

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

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

Electric utilities value chain

☑ Distribution

☑ Electricity generation

☑ Electricity purchasing

☑ Transmission

(1.16.1) For your electricity generation activities, provide details of your nameplate capacity and electricity generation specifics for each technology employed.

Coal - Hard

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

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

10714

(1.16.1.4) Net electricity generation (GWh)

55631.46

(1.16.1.5) Comment

N/A

Coal - Brown

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

Select from:

☑ No

Oil

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

Select from:

☑ No

Gas

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

Select from:

☑ Yes

(1.16.1.2) Nameplate capacity (MW)

8449

(1.16.1.4) Net electricity generation (GWh)

22568.06

(1.16.1.5) Comment

N/A

Sustainable biomass

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

Select from:

☑ No

Other biomass

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

Select from:
☑ No

Waste (non-biomass)

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

Select from:
☑ No

Nuclear

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

Select from:
☑ Yes

(1.16.1.2) Nameplate capacity (MW)

2296

(1.16.1.4) Net electricity generation (GWh)

17586.01

(1.16.1.5) Comment

N/A

Fossil-fuel plants fitted with carbon capture and storage

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

Select from:

☑ No

Geothermal

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

Select from:

☑ No

Hydropower

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

Select from:

☑ Yes

Solar

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

Select from:

☑ Yes

Other renewable

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

Select from:

☑ No

Other non-renewable

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

Select from:
☑ No
[Fixed row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

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

(1.24.4) Highest supplier tier known but not mapped

Select from:
☑ Tier 1 suppliers

(1.24.8) Primary reason for not mapping your upstream value chain or any value chain stages

Select from:
☑ Not an immediate strategic priority

(1.24.9) Explain why your organization has not mapped its upstream value chain or any value chain stages

Not an immediate strategic priority
[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)

5

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

5-year capex planning

Medium-term

(2.1.1) From (years)

5

(2.1.3) To (years)

10

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

Integrated resource planning

Long-term

(2.1.1) From (years)

10

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

Select from:
☑ Yes

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

Integrated resource planning
[Fixed row]

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

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: ☑ Yes	*Select from:* ☑ Both dependencies and impacts

[Fixed row]

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

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

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

Row 1

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

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

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local
☑ Sub-national
☑ National

(2.2.2.12) Tools and methods used

Commercially/publicly available tools
☑ EcoVadis

Enterprise Risk Management
☑ Enterprise Risk Management
☑ Risk models
☑ Other enterprise risk management, please specify :Internal company methods

Databases
☑ IUCN Red List of Ecosystems

Other
☑ Desk-based research
☑ External consultants
☑ Materiality assessment
☑ Internal company methods
☑ Jurisdictional/landscape assessment
☑ Partner and stakeholder consultation/analysis

(2.2.2.15) Risk types and criteria considered

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

☑ Cold wave/frost

Chronic physical
☑ Changing precipitation patterns and types (rain, hail, snow/ice)
☑ Changing temperature (air, freshwater, marine water)
☑ Heat stress
☑ Increased ecosystem vulnerability
☑ Water stress

Policy
☑ Changes to national legislation
☑ Increased difficulty in obtaining operations permits

Market
☑ Changing customer behavior
☑ Uncertainty in market signals

Reputation
☑ Increased concern and/or negative feedback from partners and stakeholders

Technology
☑ Transition to lower emissions technology and products

Liability
☑ Exposure to sanctions and litigation
☑ Non-compliance with regulations and legislation

(2.2.2.16) Partners and stakeholders considered

Select all that apply

☑ NGOs
☑ Regulators

☑ Customers
☑ Employees
☑ Investors
☑ Suppliers
☑ Local communities
☑ Indigenous peoples

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

Select from:
☑ No

(2.2.2.18) Further details of process

N/A
[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:
☑ Yes

(2.2.7.2) Description of how interconnections are assessed

Please see AEP's Climate Impact Analysis: https://docs.aep.com/docs/sustainability/AEPs-Climate-Impact-Analysis-2021.pdf Please also see the Risk Section of the 10k PDF pages 19-31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf
[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

☑ Upstream value chain

(2.3.3) Types of priority locations identified

Sensitive locations

☑ Areas of high ecosystem integrity

☑ Areas of limited water availability, flooding, and/or poor quality of water

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

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

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

(2.3.4) Description of process to identify priority locations

Please see pages 16-26 of AEP's GRI/SASB Report https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf

(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:

☑ Revenue

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

AEP complies with the SECs definition and application of materiality.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Revenue

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

AEP complies with the SECs definition and application of materiality.
[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

(2.5.1) Identification and classification of potential water pollutants

Select from:

☑ Yes, we identify and classify our potential water pollutants

(2.5.2) Details of policies and processes in place to identify and classify potential water pollutants

AEP complies with both water quality-based and steam electric guideline effluent limits as implemented in NPDES permits. When applying for such permits, the company completes an NPDES Form 2C application, which includes an assessment of the flows, sources of pollution, intake and effluent characteristics, potential discharges not covered by the analysis, and biological toxicity testing data. We also monitor the leachate from our landfills. AEP determines if there will be a reasonable potential to exceed water quality standards to protect both aquatic life and human health. Metals and metalloids, such as arsenic, copper, mercury and selenium, are the potential pollutants of most concern. Thermal discharges are evaluated and conform to the requirements of section 316(a) of the CWA, which ensures that there is a balanced indigenous community of aquatic organisms maintained within the receiving body of water. AEP also complies with all applicable

regulatory programs to prevent spills and subsequent impacts. AEP also conducts water quality and biological monitoring at its hydroelectric facilities as required by NPDES permits or to meet FERC relicensing requirements. Our monitoring targets include parameters such as flow, temperature and pH. In West Virginia, monitoring requirements are more extensive and include the collection of samples for metal testing. At our Smith Mountain and Claytor projects, we perform on-going monitoring for dissolved oxygen and temperature.
[Fixed row]

(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Row 1

(2.5.1.1) Water pollutant category

Select from:
☑ Other, please specify :Coal Combustion Residuals

(2.5.1.2) Description of water pollutant and potential impacts

Two types of ash are produced during the combustion of coal: bottom ash and fly ash. After collection, the fly ash and bottom ash may be managed separately or together in landfills or in wet surface impoundments. If managed in surface impoundments, water is used to sluice the ash to these ponds. Fly ash and bottom ash sluices typically contain heavy metals and inorganic constituents. If present in excessive amounts, these can be harmful to aquatic life or human health.

(2.5.1.3) Value chain stage

Select all that apply
☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply
☑ Discharge treatment using sector-specific processes

(2.5.1.6) Please explain

Bottom ash ponds are used to treat ash sluice water and are primarily settling basins that allow ash constituents and suspended solids to settle out before the transport water reaches the discharge point or is recycled. Some iron co-precipitation also occurs in these ponds, aiding with the removal of pollutants such as arsenic. The control of pond pH also helps to precipitate out metals, such as copper. In some cases, aeration-mixing or treatment chemicals are used to maximize pond effectiveness. AEP no longer operates any fly ash ponds as all fly ash management has been converted to "dry" systems. In response to final CCR regulations (40 CFR Part 227) governing the disposal and beneficial re-use of fly ash and bottom ash created from coal-fired generating units, AEP is considering plans to upgrade or close and replace these existing facilities and conduct any required remedial actions. The operation of a wet FGD system typically results in the generation of a chloride purge stream, which must be treated to manage pH, solids and metals. The treatment process is based on three broad principles: (1) removal of the bulk of the suspended solids in a primary clarification step, (2) conversion of constituents into solid precipitates, and (3) removal of solids remaining after primary clarification, including precipitated solids. These treatment processes result in a discharge that meets all applicable water quality standards.

Row 2

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Thermal

(2.5.1.2) Description of water pollutant and potential impacts

AEP operates and owns two steam electric units at its Cook Nuclear Plant that utilize once-through cooling of heated condenser water formed by waste heat in the steam cycle. The potential impacts of heated cooling water on biodiversity range from insignificant to temporarily significant, depending on ambient temperature conditions. During extreme drought events, the heated water can cause a temporary displacement of thermally-sensitive fish species in the immediate area where the thermal discharge mixes with the source water body.

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Discharge treatment using sector-specific processes

(2.5.1.6) Please explain

The potential ecological impacts of this heated water are addressed in the facility NPDES permit. The plant has an approved Clean Water Act Section 316(a) variance, which signifies that a state regulatory agency has concluded that a balanced, indigenous biological community will be maintained in the source waterbody despite the discharge of cooling water at temperatures in excess of applicable water quality temperature criteria. Routinely, the state agency requires that AEP provide a re-justification of this finding, based on recent water quality and biological studies.

Row 3

(2.5.1.1) Water pollutant category

Select from:

☑ Other, please specify :Sediment from stormwater runoff from construction activities

(2.5.1.2) Description of water pollutant and potential impacts

Sediment from stormwater runoff from construction activities

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Resource recovery

[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:

☑ Evaluation in progress

(3.1.3) Please explain

Climate change creates physical and financial risk. Physical risks from climate change may include an increase in sea level and changes in weather conditions, such as changes in precipitation and extreme weather events, such as fires. Customers' energy needs vary with weather conditions, primarily temperature and humidity. For residential customers, heating and cooling represent their largest energy use. To the extent weather conditions are affected by climate change, customers' energy use could increase or decrease depending on the duration and magnitude of the changes. Increased energy use due to weather changes may require AEP to invest in additional generating assets, transmission and other infrastructure to serve increased load. Decreased energy use due to weather changes may affect financial condition through decreased revenues. Extreme weather conditions in general require more system backup, adding to costs, and can contribute to increased system stress, including service interruptions. Weather conditions outside of the AEP service territory could also have an impact on revenues. AEP buys and sells electricity depending upon system needs and market opportunities. Extreme weather conditions creating high energy demand on AEP's own and/or other systems may raise electricity prices as AEP buys short-term energy to serve AEP's own system, which would increase the cost of energy AEP provides to customers. Severe weather and weather-related events impact AEP's service territories, primarily when thunderstorms, tornadoes, hurricanes, fires, floods and snow or ice storms occur. To the extent the frequency and intensity of extreme weather events and storms increase, AEP's cost of providing service will increase, including the costs and the availability of procuring insurance related to such impacts, and these costs may not be recoverable. To the extent climate change impacts a region's economic health,

it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices.

Water

(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:

☑ Evaluation in progress

(3.1.3) Please explain

AEP has a substantial capital investment program and incurs additional operational costs to comply with environmental control requirements. Additional investments and operational changes will be made in response to existing and potential future requirements to reduce emissions from fossil generation and in response to rules governing the beneficial use and disposal of coal combustion by-products, clean water and renewal permits for certain water discharges. AEP is unable to predict changes in regulations, regulatory guidance, legal interpretations, policy positions and implementation actions that may result from the change in Presidential administrations.
[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

Chronic physical

☑ Increased severity of extreme weather events

(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

Severe weather and weather-related events impact AEP's service territories, primarily when thunderstorms, tornadoes, hurricanes, fires, floods and snow or ice storms occur. To the extent the frequency and intensity of extreme weather events and storms increase, AEP's cost of providing service will increase, including the costs and the availability of procuring insurance related to such impacts, and these costs may not be recoverable.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased indirect [operating] costs

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

Select all that apply

☑ Long-term

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

Select from:

☑ Unknown

(3.1.1.14) Magnitude

Select from:

☑ Medium-high

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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Improve maintenance of infrastructure

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Drought

(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

Changes in wind patterns or in precipitation resulting in droughts, water shortages or floods could adversely affect operations, principally wind generation facilities for changes in wind patterns and the fossil fuel generating units for changes in precipitation. A change in wind patterns or a negative impact to water supplies due to long-term drought conditions or severe flooding could adversely impact AEP's ability to provide electricity to customers, as well as increase the price they pay for energy. AEP may not recover all costs related to mitigating these physical and financial risks.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Disruption in production capacity

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

Select all that apply

☑ Long-term

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

Select from:

☑ Unknown

(3.1.1.14) Magnitude

Select from:

☑ Medium-high

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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Adopt water efficiency, water reuse, recycling and conservation practices

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(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

Federal or state laws or regulations may be adopted that would impose new or additional limits on the emissions of greenhouse gases, including, but not limited to, carbon dioxide and methane, from electric generation units using fossil fuels like coal. The potential effects of greenhouse gas emission limits on AEP's electric generation units are subject to significant uncertainties based on, among other things, the timing of the implementation of any new requirements, the required levels

of emission reductions, the nature of any market-based or tax-based mechanisms adopted to facilitate reductions, the relative availability of greenhouse gas emission reduction offsets, the development of cost-effective, commercial-scale carbon capture and storage technology and supporting regulations and liability mitigation measures, and the range of available compliance alternatives.

(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

☑ Long-term

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

Select from:

☑ Unknown

(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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Engagement

☑ Engage with regulators/policy makers

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Market

☑ Uncertainty in market signals

(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

AEP is exposed to changes in the price and availability of purchased power and fuel (including the cost to procure coal and gas) and the price and availability to transport fuel. AEP has existing contracts of varying durations for the supply of fuel, but as these contracts end or if they are not honored, AEP may not be able to purchase fuel on terms as favorable as the current contracts. diesel which is the primary fuel used in transporting coal by barge. Prices for coal, natural gas and emission allowances have shown material swings in the past. Changes in the cost of purchased power, fuel or emission allowances and changes in the relationship between such costs and the market prices of power could reduce future net income and cash flows and negatively impact financial condition. In addition, actual power prices and fuel costs will differ from those assumed in financial projections used to value trading and marketing transactions, and those differences may be material. As a result, as those transactions are marked-to-market, they may impact future results of operations and cash flows and impact financial condition.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased revenues due to reduced production capacity

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

Select all that apply

☑ Long-term

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

Select from:

☑ Unknown

(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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's

suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Diversification

☑ Other diversification, please specify :invest in diverse generation resources

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(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

Changes in wind patterns or in precipitation resulting in droughts, water shortages or floods could adversely affect operations, principally wind generation facilities for changes in wind patterns and the fossil fuel generating units for changes in precipitation. A change in wind patterns or a negative impact to water supplies due to long-term drought conditions or severe flooding could adversely impact AEP's ability to provide electricity to customers, as well as increase the price they pay for energy. AEP may not recover all costs related to mitigating these physical and financial risks.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Closure of operations

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

Select all that apply

☑ Long-term

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

Select from:

☑ Unknown

(3.1.1.14) Magnitude

Select from:

☑ Medium-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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Policies and plans

☑ Develop flood emergency plans

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk4

(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

More frequent and severe drought conditions, extreme swings in amount and timing of precipitation, changes in vegetation, unseasonably warm temperatures, very low humidity, stronger winds and other factors have increased the duration of the wildfire season and the potential impact of an event. AEP's infrastructure could pose risks to safety and system reliability and wildfire mitigation initiatives may not be successful or effective in preventing or reducing wildfire-related events. Wildfires can occur even when effective mitigation procedures are followed. Despite AEP's early-stage wildfire mitigation initiatives, a wildfire could be ignited, spread and cause damages, which could subject AEP to significant liability. Other potential risks associated with wildfires include the inability to secure sufficient insurance coverage, increased costs for insurance and mitigation efforts, regulatory recovery risk, litigation risk, and the potential for a credit downgrade and subsequent additional costs to access capital markets.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased insurance premiums

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

Select all that apply

☑ Long-term

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

Select from:

☑ Unknown

(3.1.1.14) Magnitude

Select from:

☑ Medium-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

To the extent climate change impacts a region's economic health, it may also impact revenues. AEP's financial performance is tied to the health of the regional economies AEP serves. The price of energy, as a factor in a region's cost of living as well as an important input into the cost of goods and services, has an impact on the economic health of the communities within AEP's service territories. Climate change may impact the economy, which could impact our sales and revenues. The cost of additional regulatory requirements, such as regulation of carbon dioxide emissions, could impact the availability of goods and prices charged by AEP's suppliers which would normally be borne by consumers through higher prices for energy and purchased goods. To the extent financial markets view climate change and carbon dioxide emissions as a financial risk, this could negatively

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

Select from:

☑ No

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Improve monitoring of direct operations

(3.1.1.29) Description of response

Please also see the Risk Factors of the 10k, pages 19 - 31: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations
	Select from: ☑ Unknown

[Fixed row]

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

Select from:

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

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

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

	Environmental opportunities identified
Water	*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

Resilience
☑ Increased resilience to impacts of climate change

(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

AEP's commitment to infrastructure modernization is central to its reliability and growth strategy. Of AEP's five year, $78 billion capital investment plan, $50 billion, or 64%, is dedicated to strengthening and modernizing the transmission and distribution system. These investments target aging assets, anticipated load growth, reliability concerns, cyber and physical security needs, and the deployment of advanced operational technologies.

(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:

☑ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-high

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

Select from:

☑ No

(3.6.1.26) Strategy to realize opportunity

Please see the Operational Excellence section (Building a Reliable & Resilient Grid) of AEP's 2026 Impact Report https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf

Water

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

☑ Reduced water usage and consumption

(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

We have comprehensive water conservation plans in place for the Welsh, Wilkes and Knox Lee power plants. In 2025, these facilities collectively conserved more than 530 million gallons of water, demonstrating the effectiveness of this management approach.

(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

☑ Medium-term

☑ Long-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:

☑ Medium-low

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

Select from:

☑ No

(3.6.1.26) Strategy to realize opportunity

Please see the Environmental respect section (Water Use & Management) of AEP's 2026 Impact Report https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf

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

$8 billion capital investment in renewable energy

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased diversification of financial assets

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

Select all that apply

☑ Medium-term

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

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium

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

Select from:

☑ No

(3.6.1.26) Strategy to realize opportunity

Please see the About AEP section (Accelerating Growth Infographic) of AEP's 2026 Impact Report https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☑ Improved supply chain engagement

(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

Our procurement team and suppliers carefully monitor supply chain risks, including impacts and costs of tariffs, which could disrupt our ability to secure critical materials. AEP's strategic focus on supply chain preparedness and resilience over the past several years has proven critical to mitigating supply chain disruptions. This includes diversifying our supply base; increasing inventory to account for the longer lead times being experienced in the market; working with suppliers and developing long-term partnerships to help mitigate cost increases; evaluating material substitutions, changing standards and streamlining the number of different items we order to allow suppliers to increase capacity output; and working to rebuild and refurbish as much equipment as possible to help fill the gaps. Our goal is to ensure we are obtaining materials at reasonable costs and in the timeframe that we need them to execute on our capital plan.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenue resulting from price premiums

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

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

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

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-high

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

Select from:

☑ No

(3.6.1.26) Strategy to realize opportunity

Please see the Supply Chain Management section of AEP's 2025 Corporate Sustainability Report: https://docs.aep.com/docs/sustainability/2025-AEP-Sustainability-Report.pdf
[Add row]

C4. Governance

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

(4.1.1) Board of directors or equivalent governing body

Select from:

☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☑ More frequently than quarterly

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

Select all that apply

☑ Executive directors or equivalent

☑ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☑ No

[Fixed row]

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

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes	
Water	*Select from:* ☑ Yes	
Biodiversity	*Select from:* ☑ No, and we do not plan to within the next two years	*Select from:* ☑ Not an immediate strategic priority

[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
☑ President
☑ General Counsel
☑ Other, please specify :VP of Environmental Services

(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 :AEP's Climate Policy

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

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

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

Select all that apply

☑ Reviewing and guiding annual budgets
☑ Overseeing and guiding scenario analysis
☑ Overseeing the setting of corporate targets
☑ Monitoring progress towards corporate targets
☑ Approving corporate policies and/or commitments
☑ Overseeing reporting, audit, and verification processes
☑ Monitoring the implementation of a climate transition plan
☑ Overseeing and guiding the development of a business strategy
☑ Overseeing and guiding acquisitions, mergers, and divestitures
☑ Monitoring compliance with corporate policies and/or commitments
☑ Overseeing and guiding the development of a climate transition plan
☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
☑ Overseeing and guiding public policy engagement
☑ Reviewing and guiding innovation/R&D priorities
☑ Approving and/or overseeing employee incentives
☑ Overseeing and guiding major capital expenditures
☑ Monitoring the implementation of the business strategy

(4.1.2.7) Please explain

One of the key responsibilities of AEP's Board of Directors is overseeing the Company's strategy to create long-term value for AEP's shareholders. This includes overseeing federal and state regulations and laws, including environmental policies, that could have a significant impact on the Company's strategy. The Board

regularly engages with senior management in the oversight of environmental issues and climate-related impacts. The Board understands the potential risks associated with environmental and climate change issues and its significance to our customers, employees, regulators, investors and other stakeholders. The Board regularly discusses climate-related issues, including physical risks such as severe weather and wildfires, grid reliability and resilience, GHG emission reductions, public policy, legislation, and regulation. The Governance Committee also receives an environmental report from management at every regularly scheduled Board meeting. In addition, the Board holds extended meetings twice a year, to provide extra time for a more robust review of the Company's strategy. Discussions about environmental and climate-related risk occur during Board meetings and those strategic planning sessions. The Board is also responsible for reviewing and approving the Company's allocation of capital. The Board is focused on mitigating environmental and climate-related risks that could impact system reliability, resiliency, security and customer affordability. Resource: AEP's 2025 Proxy Statement: https://docs.aep.com/docs/investors/AnnualReportsProxies/docs/24annrep/2025ProxyStatement.pdf

Water

(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 :VP Generation Shared Services, SVP Chief Nuclear Officer, and VP Environmental Services

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ No

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

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

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

Select all that apply

☑ Reviewing and guiding annual budgets

☑ Overseeing and guiding public policy engagement

☑ Monitoring the implementation of the business strategy

☑ Overseeing reporting, audit, and verification processes

☑ Reviewing and guiding innovation/R&D priorities
☑ Approving and/or overseeing employee incentives
☑ Overseeing and guiding major capital expenditures
☑ Overseeing and guiding the development of a business strategy
☑ Overseeing and guiding acquisitions, mergers, and divestitures

(4.1.2.7) Please explain

To encourage outstanding environmental performance, we set annual targets that focus on continuous improvement as we strive to achieve our environmental compliance goals. Our Generation team leverages metrics to encourage self-reporting of events and improve environmental performance through our Environmental Performance Index (EPI). The EPI helps keep prevention top of mind and drives us to be more proactive in our actions to protect the environment. EPI covers reportable spills, releases and water discharge permit events, air and land events in addition to any exceedances of permitted limitations or failure to meet regulatory deadlines for sampling, inspecting or reporting. EPI performance is factored into a portion of the funding for short-term incentive compensation for all Generation employees.
[Fixed row]

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

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience
☑ Executive-level experience in a role focused on environmental issues
☑ Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

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

(4.2.3) Environmental expertise of the board member

Experience

☑ Executive-level experience in a role focused on environmental issues

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

[Fixed row]

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

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

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

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ General Counsel

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

☑ Managing engagement in landscapes and/or jurisdictions

☑ Managing public policy engagement related to environmental issues

Policies, commitments, and targets
☑ Monitoring compliance with corporate environmental policies and/or commitments
☑ Measuring progress towards environmental corporate targets
☑ Setting corporate environmental targets

Strategy and financial planning
☑ Managing annual budgets related to environmental issues
☑ Implementing the business strategy related to environmental issues
☑ Developing a business strategy which considers environmental issues
☑ Managing environmental reporting, audit, and verification processes
☑ Managing acquisitions, mergers, and divestitures related to environmental issues
☑ Managing major capital and/or operational expenditures relating to environmental issues
☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

(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:
☑ More frequently than quarterly

(4.3.1.6) Please explain

AEP's EVP, General Counsel has oversight for the Environmental Service Department, which is responsible for providing insight and direction into development of environmental policy, assuring environmental compliance and overseeing environmental support for all AEP generation and energy delivery facilities.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ General Counsel

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

☑ Managing public policy engagement related to environmental issues

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Developing a business strategy which considers environmental issues

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

☑ Managing annual budgets related to environmental issues

☑ Managing environmental reporting, audit, and verification processes

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

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

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

Select from:

☑ More frequently than quarterly

(4.3.1.6) Please explain

AEP's EVP, General Counsel has oversight for the Environmental Service Department, which is responsible for providing insight and direction into development of environmental policy, assuring environmental compliance and overseeing environmental support for all AEP generation and energy delivery facilities.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify :Vice President, Environmental Services

(4.3.1.2) Environmental responsibilities of this position

Engagement

☑ Managing public policy engagement related to environmental issues

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

Strategy and financial planning

☑ Developing a business strategy which considers environmental issues

☑ Managing environmental reporting, audit, and verification processes

(4.3.1.4) Reporting line

Select from:

☑ Other, please specify :Executive Vice President General Counsel & Secreta Legal - GC's Office

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

Select from:

☑ More frequently than quarterly

(4.3.1.6) Please explain

AEP's VP of Environmental Services leads the Environmental Service Department, which is responsible for providing insight and direction into development of environmental policy, assuring environmental compliance and overseeing environmental support for all AEP generation and energy delivery facilities.
[Add row]

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

Climate change

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

Select from:

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

(4.5.3) Please explain

In 2025, AEP adopted a companywide Environmental Respect Index (ERI)—driving us to be more proactive in our actions to minimize the impact of our operations on the environment. AEP's ERI program tracks the number of non-compliance environmental events that are applicable to operating our business and constructing new assets—providing us with opportunities for improvement and to share lessons learned. AEP set a goal to reduce ERI events by more than 10% in 2025 from our 2024 baseline of 144 events. In 2025, we reduced the number of events to 113 – outperforming our target by achieving a reduction of approximately 22%. For 2026, AEP

refined the ERI target-setting to include a more comprehensive set of event types and to account for newly available data. These updates strengthen the metric by creating a more complete and accurate foundation for year-over-year improvement.

Water

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

Select from:

☑ Yes

(4.5.3) Please explain

In 2025, AEP adopted a companywide Environmental Respect Index (ERI)—driving us to be more proactive in our actions to minimize the impact of our operations on the environment. AEP's ERI program tracks the number of non-compliance environmental events that are applicable to operating our business and constructing new assets—providing us with opportunities for improvement and to share lessons learned. AEP set a goal to reduce ERI events by more than 10% in 2025 from our 2024 baseline of 144 events. In 2025, we reduced the number of events to 113 – outperforming our target by achieving a reduction of approximately 22%. For 2026, AEP refined the ERI target-setting to include a more comprehensive set of event types and to account for newly available data. These updates strengthen the metric by creating a more complete and accurate foundation for year-over-year improvement.
[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).

Water

(4.5.1.1) Position entitled to monetary incentive

Senior-mid management

☑ Other senior-mid manager, please specify :All employees

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Achievement of environmental targets

(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

To support our environmental compliance objectives, we establish annual targets that emphasize continuous improvement. In 2025, AEP implemented a company-wide Environmental Respect Index (ERI) to encourage more proactive actions that reduce the environmental impacts associated with our operations. The ERI program tracks the number of environmental events, which are defined as agency reportable spills, leaks, or unpermitted releases to the environment or a non-conformance with environmental permits or regulatory requirements related to operating existing assets and/or constructing new ones. Evaluating these events provides opportunities to identify improvements and share lessons learned and is incorporated into a portion of short-term incentive compensation for all employees. AEP set a goal to reduce ERI events by more than 10% in 2025 from our 2024 baseline of 144 events. In 2025, we reduced the number of events to 113 – outperforming our target by achieving a reduction of approximately 22%.

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

To support our environmental compliance objectives.
[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

☑ Water

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.4) Explain the coverage

company wide

(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 engage in integrated, multi-stakeholder landscape (including river basin) initiatives to promote shared sustainability goals

☑ Commitment to respect legally designated protected areas

☑ Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

☑ Commitment to net-zero emissions

Water-specific commitments

☑ Commitment to reduce water consumption volumes

☑ Commitment to reduce water withdrawal volumes

☑ Commitment to the conservation of freshwater ecosystems

Social commitments

☑ Commitment to respect and protect the customary rights to land, resources, and territory of Indigenous Peoples and Local Communities

☑ Commitment to respect internationally recognized human rights

Additional references/Descriptions

☑ Other additional reference/description, please specify :Environmental and Social Justice

(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:

☑ Not publicly available
[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

	Are you a signatory or member of any environmental collaborative frameworks or initiatives?
	Select from: ☑ No, and we do not plan to within the next two years

[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

Yes

☑ 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, neither my organization or the intermediary organization we engage through is registered

(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

AEP complies with all applicable laws and has processes and policies in place—including Principles of Business Conduct, Political Engagement and Anti-Corruption policies—to ensure ethical business practices and alignment.
[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

EPA GHG Rules

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

Select all that apply

☑ Climate change

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

Environmental impacts and pressures

☑ Emissions – CO2

☑ Emissions – methane

☑ Emissions – other GHGs

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

Select from:

☑ National

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

Select all that apply

☑ United States of America

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

Select from:

☑ Support with major exceptions

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

AEP must continue to ensure that our operating strategies balance environmental compliance with the need to maintain affordable and reliable power. EPA's Clean Air Act Section 111 standards would threaten our ability to do so by requiring the use of unproven technologies, requiring costly work that may result in more environmental harm than it mitigates, establishing unreasonable compliance schedules, and change the rules for previously required compliance work. Our power plants currently achieve the standards of the 2012 MATS rules. The proposal would revert the MATS requirements to those in the 2012 rule. If AEP is required to comply with the suite of EPA rules that could force additional coal-fired generation facilities to close earlier than their engineering lifespan—leading to potential resource adequacy concerns, undepreciated assets and increased operational costs.

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

Select all that apply

☑ Regular meetings

☑ Participation in working groups organized by policy makers

☑ Responding to consultations

☑ Submitting written proposals/inquiries

(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

These rules have the potential to exacerbate increasing concerns about generation resource adequacy and impact on affordability for our customers.

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

Select from:
☑ No, we have not evaluated
[Add row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:
☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

North America
☑ Edison Electric Institute (EII)

(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

We worked with EEI on clean energy policy tax credits.

(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

☑ US Chamber of Commerce

(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

Worked with the Chamber to encourage the EPA to make adjustments to their suite of GHG rules.

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

Select from:

☑ No, we have not evaluated

Row 3

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☑ Other global trade association, please specify :Nuclear Energy Institute

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

Select all that apply

☑ Climate change

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

Select from:

☑ Consistent

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

Select from:
☑ Yes, we publicly promoted their current position

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

We worked with NEI on nuclear energy policy tax credits.

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

Select from:
☑ No, we have not evaluated
[Add row]

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

Select from:
☑ Yes

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:
☑ In voluntary sustainability reports

(4.12.1.4) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

☑ Biodiversity

(4.12.1.5) Status of the publication

Select from:

☑ Complete

(4.12.1.6) Content elements

Select all that apply

☑ Strategy

☑ Governance

☑ Risks & Opportunities

☑ Biodiversity indicators

☑ Public policy engagement

☑ Water accounting figures

☑ Content of environmental policies

(4.12.1.7) Page/section reference

full document

(4.12.1.9) Comment

See our 2026 Impact Report: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf

Row 2

(4.12.1.1) Publication

Select from:

☑ In other regulatory filings

(4.12.1.4) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

(4.12.1.5) Status of the publication

Select from:

☑ Complete

(4.12.1.6) Content elements

Select all that apply

☑ Content of environmental policies

☑ Public policy engagement

☑ Risks & Opportunities

☑ Greenhouse gas emissions figures

(4.12.1.7) Page/section reference

See PDF pages 39-43

(4.12.1.9) Comment

See our 2025 10k Report: https://docs.aep.com/docs/investors/filings/docs/AEP_10K_2025.pdf

Row 3

(4.12.1.1) Publication

Select from:

☑ In voluntary sustainability reports

(4.12.1.2) Is your publication in line with a standard or framework?

Select from:

☑ Yes

(4.12.1.3) Standard or framework the publication is in line with

Select all that apply

☑ GRI

(4.12.1.4) Environmental issues covered in publication

Select all that apply

☑ Biodiversity

(4.12.1.5) Status of the publication

Select from:

☑ Complete

(4.12.1.6) Content elements

Select all that apply

☑ Biodiversity indicators

(4.12.1.7) Page/section reference

See PDF pages 16-26

(4.12.1.9) Comment

See our GRI & SASB Report: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf
[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

☑ Yes

(5.1.2) Frequency of analysis

Select from:

☑ More than once a year

Water

(5.1.1) Use of scenario analysis

Select from:

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

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

Select from:

☑ Other, please specify :Water issues are included in AEP's Climate Scenarios, but a separate water analysis was not performed. Please see AEP's Climate Impact Analysis Report: https://aepsustainability.com/lib/docs/AEPs-Climate-Impact-Analysis-2021.pdf

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

AEP does monitor and manage water-related risks within its operations and have water conservation plans at several of our plants that are located in drought-prone regions. Please see AEP's Climate Impact Analysis Report for additional water-related risks: https://docs.aep.com/docs/sustainability/AEPs-Climate-Impact-Analysis-2021.pdf
[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

☑ Customized publicly available climate physical scenario, please specify :Please see page 5 of AEP's Climate Impact Analysis: https://aepsustainability.com/lib/docs/AEPs-Climate-Impact-Analysis-2021.pdf

(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

☑ Policy

☑ Market

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.6ºC - 1.9ºC

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2030

☑ 2050

(5.1.1.9) Driving forces in scenario

Finance and insurance

☑ Cost of capital

Stakeholder and customer demands

☑ Other stakeholder and customer demands driving forces, please specify :investors

Regulators, legal and policy regimes

☑ Other regulators, legal and policy regimes driving forces, please specify :EPA rules

Direct interaction with climate

☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Please see pages 23-34 of AEP's Climate Impact Analysis: https://docs.aep.com/docs/sustainability/AEPs-Climate-Impact-Analysis-2021.pdf

(5.1.1.11) Rationale for choice of scenario

Please see pages 23-34 of AEP's Climate Impact Analysis: https://docs.aep.com/docs/sustainability/AEPs-Climate-Impact-Analysis-2021.pdf

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ Customized publicly available climate physical scenario, please specify :environmental and climate-related factors are considered in AEP's integrated resource plans

(5.1.1.3) Approach to scenario

Select from:

☑ Quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Business division

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Policy

☑ Market

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ Unknown

(5.1.1.8) Timeframes covered

Select all that apply

☑ Other, please specify

(5.1.1.9) Driving forces in scenario

Finance and insurance

☑ Cost of capital

Stakeholder and customer demands

☑ Other stakeholder and customer demands driving forces, please specify :customer demands

Regulators, legal and policy regimes

☑ Other regulators, legal and policy regimes driving forces, please specify :state-based regulations and clean energy mandates

Relevant technology and science

☑ Other relevant technology and science driving forces, please specify :emerging technology

Macro and microeconomy

☑ Domestic growth

☑ Other macro and microeconomy driving forces, please specify :fuel costs

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

market demands, fuel prices, resource availability, energy demand, environmental regulations, technology costs

(5.1.1.11) Rationale for choice of scenario

These scenarios and assumptions are used to develop integrated resource plans within each of our states to evaluate and select the optimal mix of energy resources (generation, transmission, demand-side) to meet future electricity needs over a 10 to 20-year horizon.
[Add row]

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

Climate change

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

Select all that apply

☑ Risk and opportunities identification, assessment and management

☑ Strategy and financial planning

☑ Resilience of business model and strategy

☑ Capacity building

(5.1.2.2) Coverage of analysis

Select from:

☑ Organization-wide

(5.1.2.3) Summarize the influence of the scenario analysis on the selected business processes

Please see AEP's Climate Impact Analysis: https://docs.aep.com/docs/sustainability/AEPs-Climate-Impact-Analysis-2021.pdf You can also access our most recent Integrated Resource Plans: Indiana Michigan Power: Indiana: https://www.indianamichiganpower.com/lib/docs/community/projects/IMirp/2025/IndMich_2024_IN_IRP_Report_032825.pdf Appalachian Power: https://www.psc.state.wv.us/scripts/WebDocket/tblCaseActivitiesList.cfm?CaseID=85371 Public Service Company of Oklahoma: https://www.psoklahoma.com/lib/docs/community/projects/PSO_2024_IRP_Report.pdf Southwestern Electric Power Company: Arkansas: https://www.swepco.com/lib/docs/community/projects/SWEPCO_AR_2024_IRP_Final_Draft_Report_2-14-2025.pdf Louisiana: https://www.swepco.com/lib/docs/community/projects/2023SWEPCOIRPFinalReport_20240212.pdf
[Fixed row]

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

(5.2.1) Transition plan

Select from:

☑ No and we do not plan to develop a climate transition plan within the next two years

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

Select from:

☑ Other, please specify :AEP's capital spend and generation resource plans are dependent on state priorities and policies and receiving regulatory approval to implement capex strategy.

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

AEP's capital spend and generation resource plans are dependent on state priorities and policies and receiving regulatory approval to implement capex strategy. AEP operates in regulated markets, where state and federal policies may not yet support aggressive decarbonization efforts. AEP continues to focus on supporting state-based clean energy mandates and decarbonization targets, including meeting the Virginia Clean Economy Act and Michigan Public Act 235 mandates that are on track for achievement. As such, our integrated resource plans will reflect an energy transition strategy to adhere to our states' clean energy mandates.
[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

☑ Investment in R&D

☑ Operations

[Fixed row]

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

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Physical risks

☑ Transition 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

Federal or state laws or regulations may be adopted that would impose new or additional limits on the emissions of greenhouse gases, including, but not limited to, carbon dioxide and methane, from electric generation units using fossil fuels like coal. The potential effects of greenhouse gas emission limits on AEP's electric generation units are subject to significant uncertainties based on, among other things, the timing of the implementation of any new requirements, the required levels of emission reductions, the nature of any market-based or tax-based mechanisms adopted to facilitate reductions, the relative availability of greenhouse gas emission reduction offsets, the development of cost-effective, commercial-scale carbon capture and storage technology and supporting regulations and liability mitigation measures, and the range of available compliance alternatives. [Add row]

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Physical risks

☑ Transition 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

Operations are subject to extensive federal, state and local environmental statutes, rules and regulations relating to air quality, water quality, waste management, natural resources and health and safety. A majority of the electricity generated by AEP subsidiaries is produced by the combustion of fossil fuels. Emissions of nitrogen and sulfur oxides, mercury and particulates and the discharge and disposal of solid waste (including coal-combustion residuals or CCR) resulting from fossil fueled generation plants are subject to increased regulations, controls and mitigation expenses. Compliance with these legal requirements (including any new and more stringent application of existing CCR regulations) requires AEP to commit significant capital toward environmental monitoring, installation of pollution control equipment, emission fees, disposal, remediation and permits at AEP facilities and could cause AEP to retire generating capacity prior to the end of its estimated useful life. Costs of compliance with environmental statutes and regulations could reduce future net income and negatively impact financial condition, especially if emission limits, CCR waste discharge and/or discharge disposal obligations are tightened, more extensive operating and/or permitting requirements are imposed or additional substances or facilities become regulated. Although AEP typically recovers expenditures for pollution control technologies, replacement generation, undepreciated plant balances and associated operating costs from customers, there can be no assurance in the future that AEP will recover the remaining costs associated with such plants. Failure to recover these costs could reduce future net income and cash flows and possibly harm financial condition.
[Add row]

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

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Capital expenditures

☑ Assets

(5.3.2.2) Effect type

Select all that apply

☑ Physical risks

☑ Transition risks

(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

Operations are subject to extensive federal, state and local environmental statutes, rules and regulations relating to air quality, water quality, waste management, natural resources and health and safety. A majority of the electricity generated by AEP subsidiaries is produced by the combustion of fossil fuels. Emissions of nitrogen and sulfur oxides, mercury and particulates and the discharge and disposal of solid waste (including coal-combustion residuals or CCR) resulting from fossil fueled generation plants are subject to increased regulations, controls and mitigation expenses. Compliance with these legal requirements (including any new and more stringent application of existing CCR regulations) requires AEP to commit significant capital toward environmental monitoring, installation of pollution control equipment, emission fees, disposal, remediation and permits at AEP facilities and could cause AEP to retire generating capacity prior to the end of its estimated useful life. Costs of compliance with environmental statutes and regulations could reduce future net income and negatively impact financial condition, especially if emission limits, CCR waste discharge and/or discharge disposal obligations are tightened, more extensive operating and/or permitting requirements are imposed or additional substances or facilities become regulated. Although AEP typically recovers expenditures for pollution control technologies, replacement generation, undepreciated plant balances and associated operating costs from customers, there can be no assurance in the future that AEP will recover the remaining costs associated with such plants. Failure to recover these costs could reduce future net income and cash flows and possibly harm financial condition.
[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: ☑ No, and we do not plan to in the next two years

[Fixed row]

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

(5.5.1) Investment in low-carbon R&D

Select from:

☑ Yes

(5.5.2) Comment

AEP participates in several R&D programs through the Electric Power Research Institute's (EPRI). For example, AEP participates in EPRI's Climate Resilience and Adaptation initiative (Climate READi) that focuses on risk identification, adaptation and planning for extreme weather impacts; SMARTargets initiative focused on developing a methodology for setting science-based GHG emission reduction targets and dozens of other programs focused on grid modernization, efficiency and securitization.
[Fixed row]

(5.5.7) Provide details of your organization's investments in low-carbon R&D for your sector activities over the last three years.

Row 1

(5.5.7.1) Technology area

Select from:

☑ Smart grid integration

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Large scale commercial deployment

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

133986090

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

Through our investments in grid modernization, including smart meter technology, it is estimated that we helped customers reduce their energy usage by approximately 497,000 MWh in 2025 and provided approximately $71 million in energy efficiency incentives directly to customers.

Row 2

(5.5.7.1) Technology area

Select from:

☑ Onshore wind

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Large scale commercial deployment

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

In 2022, AEP's 998-megawatt (MW) Traverse Wind Energy Center, the largest single wind farm built at one time in North America and one of the largest wind facilities worldwide, became operational. Traverse is the third and final wind project to compose the North Central Energy Facilities, which generate 1,484 MW of clean energy.

Row 3

(5.5.7.1) Technology area

Select from:

☑ Solar energy generation

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Large scale commercial deployment

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

In May 2021, AEP unveiled a 20 MW solar farm built in partnership with the University of Notre Dame. In 2023, AEP's 5 MW Amherst solar farm began operation.

Row 4

(5.5.7.1) Technology area

Select from:

☑ Demand response

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

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

AEP is actively planning for the growth in Distributed Energy Resources (DERs), such as solar photovoltaic, energy storage and electric vehicle charging stations. As customer adoption of these technologies continues to increase, AEP is preparing to launch systems that will manage the impacts of these resources and maximize the value DERs can bring to an increasingly dynamic energy ecosystem. Implementation of the Advanced Distribution Management System (ADMS) will include Operational Distributed Energy Resource Management System (DERMS) functionality to provide real-time visibility of DERs and enhance the situational awareness of these technologies as AEP adapts to operating a DER-enabled grid. System improvements are underway to support the processing, tracking and modeling of DERs to ensure AEP can reliably connect DERs and model the new technologies in the distribution and transmission systems appropriately. AEP will also implement a Virtual Power Plant (VPP) platform with capabilities to aggregate and manage DERs and curtailable loads to provide operational flexibility, creating value across wholesale, transmission and distribution operations.

Row 5

(5.5.7.1) Technology area

Select from:

☑ Efficient transmission technology

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Large scale commercial deployment

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

AEP's transmission capital plan is focused on asset renewal investments based on condition, performance and risk to reduce customer outages and interruption times. This includes burying transmission lines underground, upgrading and strengthening assets to withstand severe weather and improve operational performance, upgrading and replacing deteriorating equipment to increase capacity and deliver energy more efficiently.

Row 6

(5.5.7.1) Technology area

Select from:

☑ Nuclear energy generation

(5.5.7.2) Stage of development in the reporting year

Select from:

☑ Applied research and development

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

Two of AEP's operating companies are seeking early site permits to bring small modular reactors to Virginia and Indiana.
[Add row]

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

	Use of internal pricing for this environmental externality
Carbon	*Select from:* ☑ No, and we do not plan to in the next two years
Water	*Select from:* ☑ No, and we do not plan to in the next two years
Other	*Select from:*

	Use of internal pricing for this environmental externality
	☑ No, and we do not plan to in the next two years

[Fixed row]

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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Other value chain stakeholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change

[Fixed row]

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

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

[Fixed row]

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

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

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

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

Select all that apply

☑ Business risk mitigation

☑ Procurement spend

(5.11.2.4) Please explain

AEP relies on suppliers of critical equipment like transmission and distribution system transformers, conductors, and structural components to facilitate our investments in the power grid. Our procurement team and suppliers carefully monitor supply chain risks, including impacts and costs of tariffs, which could disrupt our ability to secure critical materials. AEP's strategic focus on supply chain preparedness and resilience over the past several years has proven critical to mitigating supply chain disruptions. This includes diversifying our supply base; increasing inventory to account for the longer lead times being experienced in the market; working with suppliers and developing long-term partnerships to help mitigate cost increases; evaluating material substitutions, changing standards and streamlining

the number of different items we order to allow suppliers to increase capacity output; and working to rebuild and refurbish as much equipment as possible to help fill the gaps. Our goal is to ensure we are obtaining materials at reasonable costs and in the timeframe that we need them to execute on our capital plan.
[Fixed row]

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

Climate change

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

Select from:

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

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

Select from:

☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

AEP's commitment to sustainability includes efficient use of resources and respect for the environment. Suppliers are encouraged to collaborate with AEP to eliminate waste and cost from our supply chain. Suppliers will strive to reduce emissions and waste, and use energy and natural resources efficiently. Suppliers must comply with all applicable environmental laws, regulations and standards and demonstrate they are doing such. Suppliers must have a risk management program to prevent, mitigate and account for the identified environmental risks and impacts. This is laid out in our Supplier Code of Conduct: https://docs.aep.com/docs/b2b/SupplierCodeOfConduct.pdf
[Fixed row]

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

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Other, please specify :Suppliers must comply with all applicable environmental laws, regulations and standards and demonstrate they are doing such.

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Grievance mechanism/ Whistleblowing hotline

☑ Supplier self-assessment

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Implementation of emissions reduction initiatives

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Supplier self-assessment

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Waste and resource reduction and material circularity

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Supplier self-assessment

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

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

Select from:

☑ None

[Add row]

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

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:
☑ No other supplier engagement
[Add row]

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

Climate change

(5.11.9.1) Type of stakeholder

Select from:
☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing
☑ Share information about your products and relevant certification schemes
☑ Share information on environmental initiatives, progress and achievements

Innovation and collaboration
☑ Collaborate with stakeholders on innovations to reduce environmental impacts in products and services
☑ Engage with stakeholders to advocate for policy or regulatory change
☑ Run a campaign to encourage innovation to reduce environmental impacts

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ Unknown

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

Decarbonization continues to be a major focus for companies of all types. Driven by mandates and goals to decarbonize, our commercial and industrial customer base is in the midst of a major transformation to automate and electrify various aspects of their operations. This has already contributed to a notable increase in the energy intensity for new and expanding manufacturing operations. Electricity availability, capacity and cost have become far more significant factors in the location decisions companies are making.

(5.11.9.6) Effect of engagement and measures of success

Improves our relationship with our customers and encourages load growth

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

☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

☑ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ Unknown

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

Investors desire comparable and verified emissions data and reduction targets; climate transition plans; and resilience efforts.

(5.11.9.6) Effect of engagement and measures of success

Voluntary disclosure of climate-related information demonstrates our commitment to transparency, improves investor relationships, and equips investors with decision-useful information.
[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:* ☑ Equity share	*Owned and Purchased facilities unless otherwise specified*
Water	*Select from:* ☑ Equity share	*Owned and Purchased facilities unless otherwise specified*
Biodiversity	*Select from:* ☑ Equity share	*Owned and Purchased facilities unless otherwise specified*

[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?	Name of organization(s) acquired, divested from, or merged with	Details of structural change(s), including completion dates
	Select all that apply ☑ Yes, other structural change, please specify	*AEP Renewables divestiture*	*AEP sold a portion of our unregulated assets and added renewable assets to our regulated portfolio*

[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]

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

	Base year recalculation	Base year emissions recalculation policy, including significance threshold	Past years' recalculation
	Select from: ☑ No, because the impact does not meet our significance threshold	*Consistent with the Greenhouse Gas Protocol, AEP's 2023 divestiture of unregulated renewables had no impact on base year.*	*Select from:* ☑ 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)

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

(7.3.1) Scope 2, location-based

Select from:

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

(7.3.2) Scope 2, market-based

Select from:

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

(7.3.3) Comment

Location Based Uncertainty: Business Unit (BU) energy consumption to support operations and energy consumption as a result of line losses are from the FERC Form 1 filing. These items are totaled and eGRID factors are used to determine BU emissions. Market Based Uncertainty: Business Unit (BU) energy consumption to support operations and energy consumption as a result of line losses are from the FERC Form 1 filing. The company is working to develop complete market-based rates for each BU. Known emission factors are applied to their associated energy and the balance of energy uses the regional eGRID averages. If BU is a self-generator and its generation exceeds the losses - then losses are part of the BU Scope 1 emissions and are not included in the Scope 2 emissions. AEP uses the most recent EPA eGRID regional emission rates available in scope emission calculations. Separate from the calculation above – line losses from energy transmitted for third parties ("wheeled power") is determined by AEP's Transmission Settlements team. Emissions from wheeled power line losses are determined using the same methodology above and included in both the Location Based and Market Based totals.
[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 excluded from your disclosure of climate-related data?

Select from:

☑ Yes

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

Row 1

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

Select all that apply

☑ Scope 3: Franchises
☑ Scope 3: Investments
☑ Scope 3: Capital goods
☑ Scope 3: Use of sold products
☑ Scope 3: Upstream leased assets
☑ Scope 3: Downstream leased assets
☑ Scope 3: Processing of sold products
☑ Scope 3: Waste generated in operations
☑ Scope 3: End-of-life treatment of sold products
☑ Scope 3: Downstream transportation and distribution

(7.4.1.6) Relevance of Scope 3 emissions from this source

Select from:

☑ Emissions are not relevant

(7.4.1.10) Explain why this source is excluded

Account for a minimal percentage of AEP's total scope 3 emissions.
[Add row]

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

Scope 1

(7.5.1) Base year end

12/31/2005

(7.5.2) Base year emissions (metric tons CO2e)

134000000

(7.5.3) Methodological details

Complete Greenhouse Gas data was not available in the base year, the base year emissions represent CO2 emissions only.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

Not available and not used in base year

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

Not available and not used in base year

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

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

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2000

(7.5.3) Methodological details

N/A
[Fixed row]

(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	*53438609*		*Follows the Greenhouse Gas Reporting Protocol*
Past year 1	*46898809*	*12/31/2024*	*Follows the Greenhouse Gas Reporting Protocol*
Past year 2	*43351137*	*12/31/2023*	*Follows the Greenhouse Gas Reporting Protocol*

[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)

1333022

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

1300096

(7.7.4) Methodological details

Follows the Greenhouse Gas Reporting Protocol

Past year 1

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

1099327

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

1081558

(7.7.3) End date

12/31/2024

(7.7.4) Methodological details

Follows the Greenhouse Gas Reporting Protocol

Past year 2

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

1212965

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

1204324

(7.7.3) End date

12/31/2023

(7.7.4) Methodological details

Follows the Greenhouse Gas Reporting Protocol
[Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

2714290

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

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

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

35851603

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Other, please specify :Category comprised by two main components: 1. third party emissions associated with the production and transportation of coal and gas delivered to the company for its core generation business, and 2. the emissions associated with purchased energy

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Relevant, not yet calculated

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

10361

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

☑ Other, please specify :Corporate Travel Partners provide emissions data associated with employee travel. Emissions associated with corporate jets is calculated.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

39732

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

Processing of sold products

(7.8.1) Evaluation status

Select from:
☑ Not evaluated
[Fixed row]

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

Past year 1

(7.8.1.1) End date

12/31/2024

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

2769807

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

33634731

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

6637

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

28849

Past year 2

(7.8.1.1) End date

12/31/2023

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

2293613

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

38023762

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

6529

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

25385
[Fixed row]

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

	Verification/assurance status
Scope 1	*Select from:* ☑ No third-party verification or assurance

	Verification/assurance status
Scope 2 (location-based or market-based)	*Select from:* ☑ No third-party verification or assurance
Scope 3	*Select from:* ☑ No third-party verification or assurance

[Fixed row]

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

Select from:
☑ Increased

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

Change in renewable energy consumption

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

Other emissions reduction activities

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

Divestment

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

Acquisitions

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

Mergers

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

Change in output

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

Change in methodology

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

Change in boundary

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

Change in physical operating conditions

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased
[Fixed row]

(7.15) Does your organization break down its Scope 1 and/or Scope 2 emissions by greenhouse gas type?

(7.15.1) Emissions breakdown by greenhouse gas type

Select from:
☑ Yes, Scope 1 emissions only
[Fixed row]

(7.15.1) Break down your total gross global Scope 1 and Scope 2 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

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

52425766

(7.15.1.8) GWP Reference

Select from:

☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

☑ N2O

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

198595

(7.15.1.8) GWP Reference

Select from:

☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:
☑ CH4

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

144861

(7.15.1.8) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:
☑ SF6

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

669387

(7.15.1.8) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 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)
United States of America	*53438609*

[Fixed row]

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

Select all that apply

☑ By activity

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

	Activity
Row 1	*Fugitive Emissions*

[Add row]

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

Energy utility & power generators

(7.19.1) Gross Scope 1 emissions, metric tons CO2e

53438609

(7.19.3) Comment

please see page 5 of the 2026 EEI Investor Sustainability Report: https://docs.aep.com/docs/sustainability/AEP_2026_EEI_Investor_Sustainability_Report.pdf [Fixed row]

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

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

53438609

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

1333022

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

1300096

(7.22.4) Please explain

please see page 5 of the 2026 EEI Investor Sustainability Report: https://docs.aep.com/docs/sustainability/AEP_2026_EEI_Investor_Sustainability_Report.pdf

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

N/A
[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:
☑ Yes

(7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Row 1

(7.23.1.1) Subsidiary name

Appalachian Power CompanyISIN US037735BZ93

(7.23.1.2) Primary activity

Select from:
☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

17545451

(7.23.1.15) Comment

APCO is a self-generator. Emissions from line losses are included in scope 1.

Row 2

(7.23.1.1) Subsidiary name

AEP Generation Resources

(7.23.1.2) Primary activity

Select from:
☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply
☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

Row 3

(7.23.1.1) Subsidiary name

Southwestern Electric Power Company ISIN US845437BN1

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

10105250

(7.23.1.15) Comment

SWEPCO is a self-generator. Emissions from line losses are included in scope 1.

Row 4

(7.23.1.1) Subsidiary name

Public Service Company of Oklahoma ISIN US744533BJ80

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

4902491

(7.23.1.15) Comment

PSO is a self-generator. Emissions from line losses are included in scope 1.

Row 5

(7.23.1.1) Subsidiary name

Ohio Power Company ISIN US199575AT85

(7.23.1.2) Primary activity

Select from:
☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply
☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

(7.23.1.15) Comment

Does not own generation resources

Row 6

(7.23.1.1) Subsidiary name

Kentucky Power Company ISIN US491386AL26

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

2186908

(7.23.1.15) Comment

KPCO is a self-generator. Emissions from line losses are included in scope 1.

Row 7

(7.23.1.1) Subsidiary name

Wheeling Power Company

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

1517500

(7.23.1.15) Comment

WPCO is a self-generator. Emissions from line losses are included in scope 1.

Row 8

(7.23.1.1) Subsidiary name

Kingsport Power Company

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

(7.23.1.15) Comment

Does not own generation resources

Row 9

(7.23.1.1) Subsidiary name

Indiana Michigan Power Company ISIN US454889AM82

(7.23.1.2) Primary activity

Select from:

☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

9988487

(7.23.1.15) Comment

IMPCO is a self-generator. Emissions from line losses are included in scope 1.

Row 10

(7.23.1.1) Subsidiary name

AEP Texas

(7.23.1.2) Primary activity

Select from:
☑ Energy services & equipment

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply
☑ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

(7.23.1.15) Comment

Wires only
[Add row]

(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

	Indicate whether your organization undertook this energy-related activity in the reporting year
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:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

Consumption of purchased or acquired electricity

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

0

(7.30.1.4) MWh from non-renewable zero or near-zero emission sources

0

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

0.00

Consumption of self-generated non-fuel renewable energy

(7.30.1.2) MWh from renewable sources

0

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

0.00

Total energy consumption

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

0

(7.30.1.4) MWh from non-renewable zero or near-zero emission sources

0

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

0.00
[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:* ☑ No
Consumption of fuel for the generation of steam	*Select from:* ☑ No
Consumption of fuel for the generation of cooling	*Select from:* ☑ No
Consumption of fuel for co-generation or tri-generation	*Select from:* ☑ No

[Fixed row]

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

Select from:
☑ Yes

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

Select all that apply

☑ Absolute target

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

Row 1

(7.53.1.1) Target reference number

Select from:

☑ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

☑ No, and we do not anticipate setting one in the next two years

(7.53.1.5) Date target was set

10/27/2022

(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)
☑ Sulphur hexafluoride (SF6)

(7.53.1.8) Scopes

Select all that apply
☑ Scope 1

(7.53.1.11) End date of base year

12/31/2005

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

146000000

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

0.000

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

146000000.000

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

100

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

100

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

80

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

29200000.000

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

0.000

(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

125.00

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

[Add row]

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

Select all that apply

☑ Net-zero targets

(7.54.3) Provide details of your net-zero target(s).

Row 1

(7.54.3.1) Target reference number

Select from:

☑ NZ1

(7.54.3.2) Date target was set

10/27/2005

(7.54.3.3) Target Coverage

Select from:

☑ Organization-wide

(7.54.3.4) Targets linked to this net zero target

Select all that apply

☑ Abs1

(7.54.3.5) End date of target for achieving net zero

12/31/2045

(7.54.3.6) Is this a science-based target?

Select from:

☑ No, and we do not anticipate setting one in the next two years

(7.54.3.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

(7.54.3.9) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Sulphur hexafluoride (SF6)

(7.54.3.10) Explain target coverage and identify any exclusions

Scope 1 emissions account for the majority of AEP's total emissions profile. Scope 2 emissions account for less than 1% of AEP's total emissions profile.

(7.54.3.11) Target objective

While we aspire to be at net-zero Scope 1 and 2 emissions by 2045, our performance will ultimately be driven by the needs and desires of the states we serve. Additionally, further advancement of affordable new generation technologies and a market for offsets, as well as continued alignment with our states, would be required to achieve net zero.

(7.54.3.12) Do you intend to neutralize any residual emissions with permanent carbon removals at the end of the target?

Select from:

☑ No

(7.54.3.13) Do you plan to mitigate emissions beyond your value chain?

Select from:

☑ No, we do not plan to mitigate emissions beyond our value chain

(7.54.3.17) Target status in reporting year

Select from:

☑ Underway

(7.54.3.19) Process for reviewing target

AEP evaluates its progress towards its GHG emission reduction goals on an annual basis leveraging insights from AEP's capital expenditure plan and integrated resources plans.
[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.

(7.55.1) Emissions reduction initiatives that were active within the reporting year

Select from:

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

(7.55.3) Explain why you did not have active emissions reduction initiatives within the reporting year

Generation fluctuates each year based on demand, unit availability, weather, market prices, etc. Base load units like coal and gas run more when the economics are favorable. In 2025, AEP there was an increase in commercial load by 12.3% due to these factors, which was a contributing factor for the increase in Scope 1 GHG emissions.
[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:
☑ Product or service

(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)

Power
☑ Solar PV

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

AEP owns and operates 230 MW of solar generation resources

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:
☑ No

Row 2

(7.74.1.1) Level of aggregation

Select from:
☑ Product or service

(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)

Power

☑ Hydropower

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

AEP owns and operates 816 MW of hydroelectric generation resources

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

Row 3

(7.74.1.1) Level of aggregation

Select from:

☑ Product or service

(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)

Power

☑ Onshore wind

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

AEP owns and operates 2,930 MW of wind generation resources

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

Row 4

(7.74.1.1) Level of aggregation

Select from:

☑ Product or service

(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)

Heat

☑ Other heat, please specify :nuclear power plant

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

AEP owns and operates 2,296 MW of nuclear generation resources

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

[Add row]

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

Select from:

☑ No

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:
☑ Yes

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:
☑ Facilities

(9.1.1.2) Description of exclusion

Corporate facilities that house administrative or support functions including, but not limited to, office buildings, transmission and distribution operations, warehouses, and maintenance buildings.

(9.1.1.3) Reason for exclusion

Select from:
☑ Other, please specify :Only regulated generation facilities over which AEP exercises operational control are included in this disclosure since these are facilities with significant exposure to water issues that can be directly controlled by AEP.

(9.1.1.10) Please explain

Data is only provided for facilities with substantive water-related dependencies. Under rare circumstances, potential water pollution incidents may occur at our electric transmission and distribution facilities.
[Add row]

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facility staff acquire the water use information using a variety of methods including pump rating curves (hours the various pumps are running to obtain the flow information), operation time, net MWhs, metered information and pumping rates.

(9.2.4) Please explain

Surface water and groundwater withdrawals from all steam electric facilities (coal, gas, nuclear) are reported here. A steam-electric power plant is a facility where the electric generator is steam driven. Water is heated using coal, gas or nuclear fuel to create steam, which spins a turbine and drives an electrical generator.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Facility staff acquire the water use information using a variety of methods including pump rating curves (hours the various pumps are running to obtain the flow information), operation time, net MWhs, metered information and pumping rates.

(9.2.4) Please explain

Water withdrawals by source (surface water, groundwater and third party) for all steam electric facilities are reported here. A steam-electric power plant is a facility where the electric generator is steam driven. Water is heated using coal, gas or nuclear fuel to create steam, which spins a turbine and drives an electrical generator.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :As needed

(9.2.3) Method of measurement

Based on the quality of the discharge, it is sometimes necessary to measure certain parameters. For example, pH levels may not meet specifications and must be measured at the facility water intake to determine the source of the problem. Samples are collected under the supervision of a person experienced with the sampling of industrial wastewater per EPA requirements (40 CFR 136). Once collected, samples are preserved and sent to an EPA approved laboratory for analysis.

(9.2.4) Please explain

The quality of water withdrawals is consistently measured to ensure the proper operation of power plant equipment. Good quality freshwater, with total dissolved solid levels of less than 1,000 mg/L, is needed for all of our steam electric facilities. Our facilities are designed to use water of a certain quality. If the water quality becomes

degraded, the units with cooling towers could become susceptible to scaling on the surface condenser, which could create difficulties in meeting wastewater discharge permit limits. Density intrusion events at our Turk Plant will continue to be an issue as the quality of the Little River in Arkansas is poor, often precluding its use for steam electric generation.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

Water discharge volumes are continuously measured and reported on a daily basis. Flow meters or pump curves (hours the various pumps are running to obtain the flow information) are examples of the measurement method.

(9.2.4) Please explain

Surface water discharges from steam electric facilities (coal, gas nuclear) are reported here. The discharge volume of each facility is recorded as per state-issued NPDES permit requirements.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

The volume of water discharges is continuously measured and reported on a daily basis. Flow meters or pump curves (hours the various pumps are running to obtain the flow information) are examples of the measurement method.

(9.2.4) Please explain

Surface water discharges from steam electric facilities are reported here. The discharge volume of each facility is recorded by outfall location and destination per state-issued NPDES permit requirements. The destination of water discharges varies by facility and effluent type. For example, at the AEP Rockport Plant in Indiana, the main discharge is to the Ohio River, while landfill leachate is discharged to Honey Creek, a tributary of the Ohio River.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

The volume of water discharges is measured and reported on daily basis. NPDES permits require that the discharge volumes be reported on a destination basis, which includes a description of the treatment method. Flow meters or weirs are examples of the measurement method.

(9.2.4) Please explain

Surface water discharges from steam electric facilities (coal, gas nuclear) are reported here. The discharge volume of each facility is recorded by treatment method as per state-issued NPDES permit requirements. NPDES permits that require the discharge volumes be reported on a destination basis, which includes a description

of the treatment method. For example, the methods used to treat the scrubber blowdown at the AEP Mountaineer Plant in West Virginia are described in the NPDES permit renewal application. This permit also mandates the measurement frequency.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :Variable - daily, weekly, monthly to annually

(9.2.3) Method of measurement

The frequency with which standard effluent parameters are measured varies from facility to facility and from discharge to discharge. Samples are collected under the supervision of a person experienced in the sampling of industrial wastewater per EPA requirements, which describe the required sample containers, sample preservation methods, holding times, and the collection of QA-QC samples. Once collected, samples are preserved and sent to an EPA approved laboratory for analysis.

(9.2.4) Please explain

Surface water discharges from steam electric facilities (coal, gas, nuclear) are reported here. The discharge quality of each facility is recorded by standard effluent parameters (i.e., pH as per NPDES permit requirements). For example, a the AEP Amos Plant in West Virginia, the main discharge to the Kanawha River is monitored twice per month for flow, total suspended solids and pH, once per month for total residual chlorine, copper, mercury, temperature and chlorides, once per quarter for ammonium nitrogen, nitrogen nitrite and nitrate, aluminum, lead, cadmium, selenium and other metals, fluoride, oil and grease, bromide, total dissolved solids, gross alpha radiation, and fecal coliform, and twice per year for silver, thallium and chronic aquatic toxicity.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :Once every 5 years

(9.2.3) Method of measurement

Samples are collected under the supervision of a person experienced in the sampling of industrial wastewater per EPA requirements, which describe the required sample containers, sample preservation, holding times, and the collection of QA-QC samples. Once collected, samples are preserved and sent to an EPA approved laboratory for analysis.

(9.2.4) Please explain

Discharges (emissions) of nitrates, phosphates, and other priority substances to water are measured when the NPDES permit for the facility is renewed, typically on a 5-year schedule. Form2C (a part of the NPDES permit application) lists the specific parameters that must be measured. These include priority metals such as chromium, copper and lead, other metals, such as iron and aluminum, and inorganics such as phosphorus, nitrogen and sulfate. Organic toxic pollutants (40 CFR 122.21(g)(7)(v) parameter) are also monitored during permit renewal at the discharge inlet. Pesticides are not measured as they are not present in the facility discharges.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Daily

(9.2.3) Method of measurement

Measured daily or two times per month depending on facility permit requirements. Measurements are made using thermocouple.

(9.2.4) Please explain

While water discharge temperature reporting is not always required, it is measured 100% of the time at those facilities where required by state or federal regulation. All once-through, non-contact cooling water discharges are monitored.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ At least once a month

(9.2.3) Method of measurement

Forced evaporation, which is a function of wind speed, inlet temperatures and gross MWHs generated, is calculated monthly. The water diverted from a source, minus the forced evaporation volumes are calculated monthly.

(9.2.4) Please explain

Surface water consumption is not a required measurement; however, it is estimated based on facility design flows and the reported water withdrawal value.

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ 76-99

(9.2.2) Frequency of measurement

Select from:

☑ At least once a year

(9.2.3) Method of measurement

Water use design parameters and/or process information, pump curves and time, are used to estimate the volumes of water recycled or reused. In a few cases, the flow rates are metered.

(9.2.4) Please explain

At different facilities, water is reused and recycled in different ways, leading to variable methods and frequency of measurement depending on the facility. Water is also recycled at many of the western plants that are on cooling reservoirs (Comanche, Flint Creek, Knox Lee, Lieberman, Welsh, and Wilkes). These reservoirs were specifically built to be both the source and receiving water body for the cooling water used at these plants. Assuming negligible loss of water due to evaporation, these facilities "recycle" nearly 100 % of the water that they withdraw. Since the cooling lakes are typically large, open bodies of water, they also provide public fishing and recreational boating.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ At least once a year

(9.2.3) Method of measurement

Drinking water is monitored annually at most facilities. The sampling frequency is based on the size of the drinking water system (non-community, non-transient). Samples are collected by personnel trained in the collection of drinking water samples and handling of sample preservatives per EPA requirements, which describe the required containers, preservation methods, holding times, and QA-QC samples. Once collected, samples are sent to an EPA approved laboratory for analysis.

(9.2.4) Please explain

Employees at all of our facilities are provided with access to clean drinking water, sanitary facilities and solid waste management, however, such access is not provided at unmanned facilities, such as our solar farms. Typically, municipal water, well water or bottled water is provided and each of these delivery methods is required to meet safe drinking water requirements. For example, at AEP locations with non-transient, non-community water systems, we are required to report water quality (e.g., bacterial and nitrate) as dictated by state and federal drinking water regulations.
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters)

5390000000

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.2.6) Please explain

Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/

Total discharges

(9.2.2.1) Volume (megaliters)

3509000000

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.2.6) Please explain

Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/

Total consumption

(9.2.2.1) Volume (megaliters)

74000000

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Lower

(9.2.2.6) Please explain

Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/
[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

Fresh surface water, including rainwater, water from wetlands, rivers, and lakes

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters)

5377000000

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.7.5) Please explain

Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters)

8570527

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Higher

(9.2.7.5) Please explain

Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/
[Fixed row]

(9.7) Do you calculate water intensity for your electricity generation activities?

Select from:
☑ Yes

(9.7.1) Provide the following intensity information associated with your electricity generation activities.

	Numerator: water aspect	Denominator	Please explain
Row 1	*Select from:* ☑ Total water consumption	*Select from:* ☑ MWh	*Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/*
Row 2	*Select from:* ☑ Total water withdrawals	*Select from:* ☑ MWh	*Please see water data in our ESG Data Center: https://www.aep.com/sustainability/performance/*

[Add row]

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

(9.13.1) Products contain hazardous substances

Select from:
☑ Unknown

(9.13.2) Comment

AEP's primary product is electricity, which does not contain any solid material, hazardous or otherwise, however, we do sell gypsum, a by-product of our air pollutant removal systems. While the company's Safety Data Sheets for gypsum address various hazards (i.e., respiratory irritation) this does not mean that the material contains a hazardous substance rather, it lists the various hazards that must be addressed when handling these materials. The analytical information we have is limited to those substances which must be measured in order to characterize the material as hazardous or non-hazardous for disposal under the Resource

Conservation and Recovery Act. Based on a determination by the U.S. EPA (Bevell Amendment), gypsum is not considered to be a hazardous waste. Under the Clean Water Act, we cannot identify the presence or absence of any specific hazardous substances based on the generic information provided on Occupational Safety and Health Act-required Safety Data Sheets.
[Fixed row]

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

(9.14.1) Products and/or services classified as low water impact

Select from:
☑ Yes

(9.14.5) Definition used to classify low water impact

AEP defines low water impact products or services as those that do not rely on or impact sources of water. In particular, wind and solar electricity generation are considered to be low water impact sources of electricity.

(9.14.7) Please explain

14.4) Please explain According to CDP guidance, "low water impact" products or services are those that can be considered as having a lower detrimental impact on water resources, water quality and ecosystems than the market norm or the company's previous products/services. In the case of AEP, wind and solar energy produced from photovoltaic panels use virtually no water at all. Likewise, wind turbines are used to produce electricity without the use of water. In addition, these renewable energy sources are clean and do not threaten water contamination as there are no discharges to water sources.
[Fixed row]

(9.15) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

Water pollution

(9.15.1) Target set in this category

Select from:

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

(9.15.4) Explain why you do not have a target set in this category

While there is no specific target regarding WASH facilities, employees at all of our facilities, excluding those that are unmanned, are provided with access to clean drinking water, sanitary facilities and solid waste management. Typically, municipal water, well water or bottled water is provided and each of these delivery methods is required to meet safe drinking water requirements. For example, at AEP locations with non-transient non-community water systems, we are required to report water quality (e.g. bacteria and nitrate) as dictated by state and federal drinking water regulations.

Water withdrawals

(9.15.1) Target set in this category

Select from:

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

(9.15.4) Explain why you do not have a target set in this category

While there is no specific target regarding WASH facilities, employees at all of our facilities, excluding those that are unmanned, are provided with access to clean drinking water, sanitary facilities and solid waste management. Typically, municipal water, well water or bottled water is provided and each of these delivery methods is required to meet safe drinking water requirements. For example, at AEP locations with non-transient non-community water systems, we are required to report water quality (e.g. bacteria and nitrate) as dictated by state and federal drinking water regulations.

Water, Sanitation, and Hygiene (WASH) services

(9.15.1) Target set in this category

Select from:

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

(9.15.4) Explain why you do not have a target set in this category

While there is no specific target regarding WASH facilities, employees at all of our facilities, excluding those that are unmanned, are provided with access to clean drinking water, sanitary facilities and solid waste management. Typically, municipal water, well water or bottled water is provided and each of these delivery methods

is required to meet safe drinking water requirements. For example, at AEP locations with non-transient non-community water systems, we are required to report water quality (e.g. bacteria and nitrate) as dictated by state and federal drinking water regulations.

Other

(9.15.1) Target set in this category

Select from:

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

[Fixed row]

C11. Environmental performance - Biodiversity

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

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

Select from:

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

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

Select all that apply

☑ Species management

☑ Education & awareness

[Fixed row]

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

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	Select from: ☑ Yes, we use indicators	*Select all that apply* ☑ Other, please specify :We complete the GRI survey, which lists company sites on or near biodiverse areas, the potential impacts of these facilities, how we restore biodiversity, and lists threatened and endangered species that may be affected by our operations.

[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:

☑ Yes

(11.4.2) Comment

For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf

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:

☑ No

(11.4.2) Comment

For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf

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:

☑ No

(11.4.2) Comment

For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf

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:

☑ Yes

(11.4.2) Comment

Caddo Lake located in Texas has shallow, heavily vegetated waters with sloughs, swamps, backwaters and hardwood forests. AEP's Lieberman Plant is located on the east side of Caddo Lake.

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

For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf

Other areas important for biodiversity

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

Select from:

☑ Yes

(11.4.2) Comment

For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf
[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

☑ Legally protected areas

☑ Ramsar sites

☑ Key Biodiversity Areas

☑ Other areas important for biodiversity

(11.4.1.3) Protected area category (IUCN classification)

Select from:

☑ Not applicable

(11.4.1.4) Country/area

Select from:

☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

We define biodiversity-sensitive areas as National Wildlife Refuges, Forests, Parks or Grasslands; Bureau of Land Management areas; National Recreational Lands; National Scenic Rivers; State Forests, Parks, Nature Preserves, Wildlife Management Areas and Scenic Rivers. We also include areas identified by NatureServe as critically imperiled (Global Conservation Status of "G1") or imperiled ("G2").

(11.4.1.6) Proximity

Select from:

☑ Adjacent

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

AEP owns or manages the land around its power generating and transmission facilities. This includes power plant sites, office buildings, substations, transmission and distribution lines, as well as coal fields yet to be mined, land that have been mined, residential structures, river access and various other sites. AEP also operates electric transmission and distribution lines throughout its service territories in Arkansas, Indiana, Kentucky, Louisiana, Michigan, Ohio, Oklahoma, Tennessee, Texas, West Virginia, and Virginia. Of AEP's nearly 40,000-mile transmission network, approximately 917 miles, or less than 3 percent, traverse federal or state lands.

(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:

☑ Yes, but mitigation measures have been implemented

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

☑ Project design

☑ Restoration

☑ Biodiversity offsets

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Our first response is to avoid the areas, minimize any unavoidable impacts, and to mitigate those impacts that do occur. One way we are addressing biodiversity impacts is by working with the U.S. Fish & Wildlife Service in an effort to obtain an Incidental Take Permit (ITP), which allows for limited and unintentional take of certain endangered or threatened species during the construction of transmission projects. In 2019, we received an Incidental Take Permit (ITP) and began implementing an approved HCP across portions of three states for the American burying beetle (ABB). At the time the ITP was issued, the ABB was listed as endangered; however, in 2020 the listing was downgraded to threatened. Even amid ongoing litigation with the downgrade of the ABB, AEP remains committed to the continued use of the 30-year ITP/HCP, which allows the use of pre-approved practices through a regional, programmatic approach to minimize impacts to the beetle and its habitat to encourage its recovery. The construction of pollution control equipment and associated landfills at power plant sites can result in the loss of wetland and riparian areas. The construction of new transmission lines can have similar impacts. However, these losses are permitted under the Corps of Engineers' 404 program and mitigated by the company, often on a two to one, three to one, or higher basis. AEP operates several hydroelectric projects that are adjacent to or contain areas of high biodiversity. The potential impacts of these facilities include alteration of stream and wetland areas by inundation, fluctuation of river flows and reservoir levels, blockage of upstream and downstream fish movement, and turbine-induced mortality. While there are many potential hydroelectric environmental impacts, all of these are assessed, and if necessary, mitigated during the FERC Licensing process. Every AEP hydroelectric project has successfully completed this process. AEP owns and operates wind facilities that have the potential to impact large raptors, such as golden eagles, and smaller birds, while migrating in large flocks. To avoid avian-bird interactions, turbine design and wind farm siting have taken avian issues into consideration very early in the process. We have voluntarily adopted a system-wide Avian Protection Plan to mitigate avian mortality, bird-related power outages, and other risks associated with bird interactions with our assets. In recent years, bats have come to the wind industry's attention and studies to grasp the dimension of this issue continue. Because of deaths of endangered bats, some wind farms must curtail operations when bats are active. For more information about how we operate in protected areas or areas of high biodiversity, please refer to the biodiversity section of our 2026 Impact Report at: https://docs.aep.com/docs/sustainability/2026-AEP-Impact-Report.pdf or our 2026 GRI Report at: https://docs.aep.com/docs/sustainability/2026_AEP_GRI_and_SASB_Report.pdf
[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	Primary reason why other environmental information included in your CDP response is not verified and/or assured by a third party
	Select from: ☑ No, and we do not plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years	*Select from:* ☑ Other, please specify :AEP operates in a heavily regulated market and must adhere to federal, state and local laws, regulations and standards.

[Fixed row]