



ENERJİSA ENERJİ A.Ş.

# 2024 CDP Corporate Questionnaire 2024

Word version

**Important: this export excludes unanswered questions**

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

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

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## C1. Introduction

### (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

*Enerjisa Enerji A.Ş. is the leading electricity distribution, retail sales and customer solutions company in Turkey. Reaching a population of 22.1 million with more than 11 thousand employees, we serve 10.7 million customers in 14 provinces across three distribution regions. As a public service provided to millions of people, we have been a role model in Turkey's electricity market since 1996, thanks to our grid investments, sustainable products and services, efficiency, customer satisfaction and technology-focused business model. In line with its sustainability focus, Enerjisa is committed to transforming the new energy world and acting as an enabler for low-carbon transition. 20% of Enerjisa shares was offered to the public and Enerjisa was listed on Borsa İstanbul on February 8, 2018. Distribution: Our electricity distribution operations are managed by fully owned Başkent EDAŞ, AYEDAŞ and Toroslar EDAŞ. Each of the regional distribution network operators are responsible for operating the distribution network in their own regions, performing necessary maintenance and repairs and making environment, security, renewal and expansion investments, maintaining and reading electricity meters, preparing demand projections and investment plans, monitoring electricity theft and loss rates, supplying electricity to cover technical and commercial losses, and taking the necessary technical and operational measures to reduce theft and loss rates and to ensure the lighting of public areas. Retail: Retail sales of electricity are carried out by Başkent EPSAŞ, AYESAŞ and Enerjisa Toroslar EPSAŞ. Retail companies sell electricity exclusively to non-eligible customers within the Company's distribution regions as the incumbent retail companies and to eligible customers in their respective regions and in other parts of Turkey without regional limitations. Enerjisa Customer Solutions (Enerjisa Müşteri Çözümleri A.Ş.) was established in 2017 to carry out customer solutions activities. We also lead the sector in distributed energy, energy efficiency and e-mobility solutions. We closely follow opportunities in innovative business areas such as electric vehicle charging stations, electricity storage systems, smart home technologies and systems that help consumers produce their own electricity. E-mobility: Enerjisa Customer Solutions (EMC) acquired 80% of the shares of Eşarj Elektrikli Araçlar Şarj Sistemleri (Eşarj) in 2018, to become its controlling shareholder. As of July 2023, Enerjisa Müşteri Çözümleri owns 100% of Eşarj shares. In addition to our leadership in distribution and sales in the electricity sector, we aim to play an innovative and pioneering role in the electric vehicle ecosystem and play an active role in the transformation of the industry. Eşarj had 1780 charging plugs at 1003 public locations by the end of 2023, including 1387 fast-plugs. Our goal is to accelerate the transition to ultra-fast charging in the coming period. Distributed generation and other customer solutions: We provide solar power plant installation services and energy efficiency applications including waste heat recovery, heating, ventilation and air conditioning (HVAC), pressurized systems, electric motors and lighting solutions using the energy performance contract (ESCO) model. We also provide cogeneration, trigeneration and Green Energy solutions. As a public service company and the market leader in our sector, we are aware of our special responsibility towards the public and we strive to be a role model.*



[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**

12/30/2023

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

Select from:

Yes

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

Select from:

Yes

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

Select from:

Not providing past emissions data for Scope 1

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

Select from:

Not providing past emissions data for Scope 2

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

Select from:

1 year  
[Fixed row]

**(1.5) Provide details on your reporting boundary.**

	<b>Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?</b>
	Select from: <input checked="" type="checkbox"/> 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**

TRSENSA12514

**ISIN code - equity**

**(1.6.1) Does your organization use this unique identifier?**

Select from:

No

## CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

No

## Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

ENJSA

## 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:

Yes

## (1.6.2) Provide your unique identifier

789000D0QULW3EE31N02

### 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]

## (1.24) Has your organization mapped its value chain?

### (1.24.1) Value chain mapped

Select from:

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

### (1.24.2) Value chain stages covered in mapping

Select all that apply

Upstream value chain

### (1.24.3) Highest supplier tier mapped

Select from:

Tier 2 suppliers

### (1.24.4) Highest supplier tier known but not mapped

Select from:

Tier 4+ suppliers

### (1.24.7) Description of mapping process and coverage

*Enerjisa's value chain mapping across its subsidiaries is focused on effective supply chain management and sustainability. In EMC, we track suppliers up to Tier 1. We use tools like questionnaires and the Supplier Audit Checklist to evaluate supplier performance and address risks, especially for those in critical, high, or medium risk categories. Also, the Supply Chain Management System (SCMS) established within EMC aims to prevent compliance risks that may be encountered in the layers of the supply chain. The system includes a supplier selection and evaluation guideline, responsible supply chain strategy, code of ethics, risk and audit methodology, and supplier monitoring approach. For DISCO, we perform annual evaluations of direct contractors up to Tier 1, looking at factors such as logistics, legal compliance, and sustainability practices. In the Retail Sales and Eşarj business units, we manage indirect suppliers, overseeing the entire supply chain, conducting tenders, and signing contracts that meet our compliance and sustainability standards. At Enerjisa Enerji, we recognize that circular economy can support our zero waste target and decarbonization efforts by 2050. To improve our circularity, we decided to improve collaboration with our value chain. These activities are supported by key tools and methods, including the Responsible Sourcing Policy, Circularity Ambition, Supplier Code of Conduct, and Corrective and Preventive Action reports, all designed to ensure that Enerjisa's supply chain practices align with our corporate sustainability goals.*

*[Fixed row]*

## C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

### Short-term

#### (2.1.1) From (years)

0

#### (2.1.3) To (years)

1

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

*Due to relatively volatile macro environment in Turkey, short-term horizon is considered to define current (2023) up to 1 year in the future (2024). Short-term risks and opportunities have the most immediate impact on the business; therefore 4 main forecast and risk & opportunity assessments are carried out in a year. This means that Enerjisa Enerji identifies, evaluates, and plans gross and net impacts as well as mitigations for all risk and opportunities that are likely to occur in the existing year each quarter. Enterprise Risk Management is positioned as a central function in Enerjisa Enerji. In business units, risk coordinators are assigned to act as a bridge between departments and central risk management function. Risks and opportunities are presented to Board's Risk Committee every quarter, after being discussed at risk coordinators' meeting that occurs once in every three months. After approval of the risks and opportunities, the Board Risk Committee shares the output with the Board. In 2023, risks and opportunities were presented to the Board Risk Committee quarterly.*

### Medium-term

#### (2.1.1) From (years)

2

#### (2.1.3) To (years)

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

*Enerjisa Enerji performs an assessment to review all risks and opportunities that are expected to create impact on business and customers each year to evaluate its medium-term strategy, Enerjisa Enerji conducts an annual assesment to review all risks and opportunities that are expected to have an impact on business and customers. This is conducted via a risk radar (that incorporates both the medium-term and the long-term horizons. The medium-term risk & opportunity assessment is conducted together with C-level executives as well as RMC members (in addition to the risk departments) in order to capture a holistic view on the upcoming drivers of our business. Both financial and non-financial impacts, including climate-related ones such as grid maintenance after heavy snow and rainfalls; SF6 inventory quality and replacement are evaluated to incorporate environmental, strategic, operational, IT, and Occupational Health and Safety outlooks. This medium-term time horizon planning process has been developed and incorporated -into the standard annual risk planning process*

### Long-term

#### (2.1.1) From (years)

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

Select from:

No

#### (2.1.3) To (years)

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

*Once a year, Enerjisa Enerji performs a long-term planning including a thorough assessment of identifying all risk and opportunities that have an impact on our customers, business and environment for the upcoming years, which together with the short-term planning process, provides a long-term outlook. This is conducted via a risk radar and together with the medium-term, long-term risk & opportunity assessment is conducted with C-level executives as well as RMC members (in addition to the risk departments) to capture a holistic view on the upcoming drivers of our business. Both financial and non-financial impacts are evaluated in the company's long-term risk radar, in order to incorporate environmental, strategic, operational, IT, and HSE outlooks.*

[Fixed row]

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

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both dependencies and impacts

[Fixed row]

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

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both risks and opportunities	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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



## Row 1

### (2.2.2.1) Environmental issue

*Select all that apply*

- Climate change
- Water

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

*Select all that apply*

- Dependencies
- Impacts
- Risks
- Opportunities

### (2.2.2.3) Value chain stages covered

*Select all that apply*

- Direct operations
- Upstream value chain
- Downstream value chain

### (2.2.2.4) Coverage

*Select from:*

- Full

### (2.2.2.5) Supplier tiers covered

*Select all that apply*

- Tier 2 suppliers

### **(2.2.2.7) Type of assessment**

*Select from:*

- Qualitative and quantitative

### **(2.2.2.8) Frequency of assessment**

*Select from:*

- More than once a year

### **(2.2.2.9) Time horizons covered**

*Select all that apply*

- Short-term
- Medium-term
- Long-term

### **(2.2.2.10) Integration of risk management process**

*Select from:*

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

### **(2.2.2.11) Location-specificity used**

*Select all that apply*

- Sub-national
- National

### **(2.2.2.12) Tools and methods used**

### **Commercially/publicly available tools**

- EcoVadis
- WRI Aqueduct

### **Enterprise Risk Management**

- COSO Enterprise Risk Management Framework
- ISO 31000 Risk Management Standard

### **International methodologies and standards**

- IPCC Climate Change Projections

### **Databases**

- Regional government databases

### **Other**

- Internal company methods
- Scenario analysis

## **(2.2.2.13) Risk types and criteria considered**

### **Acute physical**

- Drought
- Wildfires
- Heat waves
- Cold wave/frost
- Heavy precipitation (rain, hail, snow/ice)
- Flood (coastal, fluvial, pluvial, ground water)

### **Chronic physical**

- Changing precipitation patterns and types (rain, hail, snow/ice)
- Changing temperature (air, freshwater, marine water)

- Sea level rise
- Temperature variability
- Water stress

#### **Policy**

- Carbon pricing mechanisms
- Changes to national legislation
- Increased pricing of water
- Introduction of regulatory standards for previously unregulated contaminants

#### **Market**

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

#### **Reputation**

- Increased partner and stakeholder concern and partner and stakeholder negative feedback

#### **Technology**

- Data access/availability or monitoring systems
- Transition to lower emissions technology and products

#### **Liability**

- Exposure to litigation
- Non-compliance with regulations

### **(2.2.2.14) Partners and stakeholders considered**

*Select all that apply*

- Customers
- Employees

- Investors
- Local communities
- Suppliers

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

Select from:

- Yes

### (2.2.2.16) Further details of process

*Enerjisa Enerji has completed all phases of its Net Zero Project in 2022. The company published its Climate Strategy as one of the most significant output of the Project in the same year. The Scope 1 and 2 emission reduction targets has determined by benchmarking against other companies, review current and emerging regulations, carbon reduction initiatives, develop scenarios and perform a technology assessment to establish a decarbonization roadmap to commit to Net-Zero within the direction of this strategy. Regarding Scope-3 emissions of the Company, the target setting studies focusing on the emission intensity of the energy portfolio has been started in 2023 and the “Scope 3 Decarbonization Target”, an emissions intensity reduction target related to Scope 3, was set in 2024 to reduce the emissions intensity of electricity sold by 40% by 2030 compared to the base year 2021. Beyond that, climate related risks and opportunities were identified, assessed and action plans were developed in accordance with the TCFD scenario analyses. This will help Enerjisa Enerji to have an in depth understanding of the impact and time horizons of the risks and opportunities that climate change poses on its distribution and retail businesses. For instance, changing energy mix poses a risk due to the increased likelihood of intermittencies. To ensure uninterrupted service in the long-term, Enerjisa Enerji continuously investigate opportunities and invest in smart grid technologies and digitalization. On the other hand, expanding network of renewable energy investments is a growth opportunity for Enerjisa Enerji. As investments increase for green energy sources nationally, distributors will be responsible of supporting this growing network with new investments and connections..While Türkiye’s ambition for decarbonization targets the year 2053, Enerjisa Enerji commits to aligning its business with a Net Zero Pathway by 2050 in line with its climate strategy.*

[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

*Enerjisa assesses the interconnections among the environmental dependencies, impacts, risks, and opportunities by identifying critical natural resources, evaluating the environmental effects of operations, and understanding potential risks like resource scarcity or regulatory changes. As a further step, Enerjisa aims to enhance understanding of its stakeholders about those interconnections for better strategic decision-making and long-term success.*

*[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 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

### (2.3.4) Description of process to identify priority locations

The current biodiversity action plans are used to determine the priority areas associated to the operational regions for Enerjisa Enerji's electricity distribution services. These action plans are systematic, supported by scientific knowledge. A third-party consultant company reviewed Enerjisa Enerji's current approach against the approach of TNFD's LEAP to identify and assess nature-related dependencies, impacts, risks and opportunities for the Enerjisa Enerji. The current approach of the Enerjisa Enerji has been evolved to incorporate wider nature and biodiversity considerations and enabled a deeper dive into its biodiversity impacts and dependencies. Location of key interfaces is enriched by materiality analysis and larger number of environmental assets considered for impact evaluation. Material impacts and dependencies drivers are analysed in more granularity and high-level insights set foundation for further investigation & ambition-setting within the scope of this study.

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

Select from:

- Yes, we will be disclosing the list/geospatial map of priority locations

### (2.3.6) Provide a list and/or spatial map of priority locations

EnerjiSA 2.3 Risk Maps.pdf

[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:

- EBITDA

### (2.4.3) Change to indicator

Select from:

- Absolute decrease

### (2.4.5) Absolute increase/ decrease figure

100000000

### (2.4.6) Metrics considered in definition

Select all that apply

- Frequency of effect occurring
- Likelihood of effect occurring

### (2.4.7) Application of definition

*Our Risk Management Framework aims to define all risks and opportunities, which may have an impact on financial, operational, and strategic plans, and to assess, classify and mitigate these risks through various methodologies and provide transparency to management functions and support decision-making processes via regular reporting. The Company's overall risk assessment and governance is under direct board oversight, via the Early Risk Detection Committee (ERDC). Each unit needs to report all risk and opportunities (no threshold exists) with its cause, its effect and its financial impact. Enerjisa Risk Management Committee (RMC), chaired by CFO, reviews and approves operational level risk management outputs, systems, strategies, policies, and mitigation actions. Recommendations are shared and discussed prior to the ERDC. Qualitative risk reporting methodology and quantifiable indicators: The risks, of which their direct financial affect cannot be calculated but have a potential to adversely affect the strategic and operational activities of the company, are prioritized through scales defined according to impact levels and likelihoods; and reported through heat maps. These assessments form the basis of the Risks and Opportunities Report, which is presented to top management and the ERDC. The qualitative report covers H1 and H2 and the quantitative report covers BE0, BE1, BE2, BE3 and the budget period. Committees are also organized every 2 months, 6 in total. Periscope Project was completed in 2021 and all business processes in Enerjisa, their effects on each other, ownerships, risks and controls are actively monitored through Periscope software. In 2023, more than 1200 workflows, approximately 750 qualitative and 100 quantitative risks and over 1200 control activities related to risks have been defined in the Periscope system which is the EnerjİSA Enerji's ERM and internal control system. In 2023, in addition to internal control activities, studies are planned with sustainability and risk teams to identify and map ESG risks and related controls. Qualitative risk threshold to define substantive financial impact: Insignificant: 100,000,000 TRY losses in net income.*

## Opportunities



### (2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

### (2.4.2) Indicator used to define substantive effect

Select from:

- EBITDA

### (2.4.3) Change to indicator

Select from:

- Absolute increase

### (2.4.5) Absolute increase/ decrease figure

100000000

### (2.4.6) Metrics considered in definition

Select all that apply

- Frequency of effect occurring
- Likelihood of effect occurring

### (2.4.7) Application of definition

*Our Risk Management Framework aims to define all risks and opportunities, which may have an impact on financial, operational, and strategic plans, and to assess, classify and mitigate these risks through various methodologies and provide transparency to management functions and support decision-making processes via regular reporting. The Company's overall risk assessment and governance is under direct board oversight, via the Early Risk Detection Committee (ERDC). Each unit needs to report all risk and opportunities (no threshold exists) with its cause, its effect and its financial impact. Enerjisa Risk Management Committee (RMC), chaired by CFO, reviews and approves operational level risk management outputs, systems, strategies, policies, and mitigation actions. Recommendations are shared and*

*discussed prior to the ERDC. Qualitative risk reporting methodology and quantifiable indicators: The risks, of which their direct financial affect cannot be calculated but have a potential to adversely affect the strategic and operational activities of the company, are prioritized through scales defined according to impact levels and likelihoods; and reported through heat maps. These assessments form the basis of the Risks and Opportunities Report, which is presented to top management and the ERDC. The qualitative report covers H1 and H2 and the quantitative report covers BE0, BE1, BE2, BE3 and the budget period. Committees are also organized every 2 months, 6 in total. Periscope Project was completed in 2021 and all business processes in Enerjisa, their effects on each other, ownerships, risks and controls are actively monitored through Periscope software. In 2023, more than 1200 workflows, approximately 750 qualitative and 100 quantitative risks and over 1200 control activities related to risks have been defined in the Periscope system which is the EnerjiSA Enerji's ERM and internal control system. In 2023, in addition to internal control activities, studies are planned with sustainability and risk teams to identify and map ESG risks and related controls. Qualitative risk threshold to define substantive financial impact: Insignificant: 100,000,000 TRY losses in net income.*

[Add row]

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

### **(2.5.1) Identification and classification of potential water pollutants**

Select from:

Yes, we identify and classify our potential water pollutants

### **(2.5.2) How potential water pollutants are identified and classified**

*Details of the policies and processes: In our company operations, we utilize domestic water. On the other hand, industrial oils, solvents, chemicals used by distribution businesses, hazardous wastes, and additive chemicals in motor vehicles are possible environmental and water pollutants. We follow the our company' s Instruction for the Prevention of Leakage, Spill, and Pollution of Chemical Substances at distribution company work sites to control the health and environmental effects of chemical spills, prevent resource consumption due to leakage and spillage, and control pollution of rainwater, leachate, washing-irrigation water, and other similar surface water inlets falling into working areas due to activities and polluted water from working areas to prevent it from reaching different receiving environments. Details of an established standard followed by Enerjisa: Environmental Law, The Electric Power Current Facilities, Waste Management, and Wastewater Sewage Discharge Regulations, and the company's Waste Management Procedure are used as references while developing the instruction and deciding the process specifics. Description of the metrics: The allowed quantity for Oil and Grease has been defined in mg/L within the scope of the Wastewater Sewage Discharge Regulation published by the local municipality, which varies depending on the industry. As mentioned in our water policy, we are convicted of complying with the national water regulations to which we are subject.*

[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:

Oil

#### (2.5.1.2) Description of water pollutant and potential impacts

*Potential impacts of transformer oil: The use of transformer oil in electricity distribution transformers can potentially contaminate water through leaks or accidental spills. Transformers utilize a specific type of oil known as transformer oil or mineral oil, which serves the purposes of cooling and insulation. If there is a leakage in the transformer, the oil can permeate the ground and eventually make its way to nearby water sources like rivers, lakes, or groundwater reservoirs. Transformer oil contains substances that can be harmful, including polychlorinated biphenyls (PCBs), heavy metals, and other contaminants. When these substances are released into the environment, they can have adverse effects on aquatic ecosystems, drinking water supplies, and human health. PCBs are highly toxic compounds that have been classified as potentially causing cancer in humans. When water becomes contaminated with PCBs, it can lead to various health issues such as developmental disorders, immune system dysfunction, and an increased risk of cancer. Furthermore, PCBs tend to accumulate in the tissues of living organisms, including fish and other aquatic organisms. This process of bioaccumulation results in higher concentrations of PCBs in organisms higher up in the food chain. The persistence of PCBs in the environment is a significant concern. They are resistant to degradation and can persist in water bodies for long periods. This persistence poses a substantial risk to aquatic ecosystems.*

#### (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

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

- ☑ Beyond compliance with regulatory requirements
- ☑ Implementation of integrated solid waste management systems
- ☑ Industrial and chemical accidents prevention, preparedness, and response

### **(2.5.1.5) Please explain**

*A description of how the procedures selected manage the risks of potential impacts outlined: The requirements for creating oil pits for oil-immersed transformers with an oil volume of up to 1500 L are established in Article 37 of the Electric Power Current Facilities Regulation (EKAT). According to these requirements, a collection chamber large enough to hold all of this oil can be constructed in the part where the transformer is placed, or an oil-proof floor with an appropriate threshold can be used. For oil-filled transformers with oil volumes of more than 1500 L, an oil pit is constructed beneath or outside the transformer compartment, provided it is impermeable reinforced concrete. The volume of the oil-collecting part of this pit under the galvanized steel grid should be at least equal to the amount of transformer oil. Connecting the oil pits within or outside the building to the sewage network, soil, stream, lake, or sea is prohibited. Preventive/corrective measures are undertaken during maintenance work for transformers that do not fulfill the standards of Article 37 of the EKAT regulation. In case of any leakage/spillage, the actions to be undertaken in accordance with the separation of soil or concrete floor are detailed in the relevant instruction. Description of how success is measured and evaluated; Success is measured by preventing environmental pollution from leaks or spills. If no accidents occur, or if handled without fines, it indicates the effectiveness.*

[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?**

	Environmental risks identified
Climate change	Select from: <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain
Water	Select from: <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain

[Fixed row]

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

#### Climate change

##### (3.1.1.1) Risk identifier

Select from:

Risk1

##### (3.1.1.3) Risk types and primary environmental risk driver

## Policy

- Other policy risk, please specify :Mandates on and regulation of existing products and services

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

- Upstream value chain

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

- Turkey

### (3.1.1.9) Organization-specific description of risk

*The Electricity Licensing Regulation penalizes companies based on the number of customers that are without energy for more than 10 hours at a time, as well as the number of customers that are without energy for 48 aggregated hours during each calendar year. While Enerjisa Enerji has the right to file based on force majeure to request to be exempted from penalties, the final decision lies with EMRA Therefore, not investing sufficiently into grid upgrades may pose future risks from a regulation standpoint. Due to either energy supply shortage or malfunction of the power distribution grids blackouts do occur and cause customers to be without power for several minutes or hours. One of the main reasons for malfunction of power distribution grids is weather-related interruptions due to acute physical climate related risks as Türkiye, located in a climate sensitive geography. Strong storms and heavy snowfalls do not only cause interruptions in the energy supply but also delay the lead time until the energy flow is restored. Due to the severe weather conditions, the repair and maintenance workforce of energy distribution companies might have further difficulties in accessing the sites on time.*

### (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

- The risk has already had a substantive effect on our organization in the reporting year

### (3.1.1.14) Magnitude

Select from:

Medium-high

### (3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

*The energy supply shortage or malfunction of the power distribution grids blackouts cause severe economical and operational effects for corporate energy users. Since this is in responsibility of Enerjisa Enerji, it is subject to fines as per Service Quality Regulation in Electricity Distribution and Retail Markets depending on the number of customers without energy and for how long the energy flow is interrupted. The penalties due to the energy outages directly effect the Enerjisa Enerji's financial position, financial performance and cash flows of the organization. While Enerjisa Enerji has the right to file based on force majeure to request to be exempted from penalties, the final decision lies with EMRA. Combating climate-related risks, which are one of the main causes of these interruptions, and including sustainable products and services in investment plans to mitigate and/or adapt to their impacts will provide Enerjisa Enerji with financial gains in the long term beyond protection from risks.*

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

Select from:

Yes

### (3.1.1.18) Financial effect figure in the reporting year (currency)

250807419

### (3.1.1.25) Explanation of financial effect figure

*The calculations are based on the fact that the Regulation on Quality of Service in Electricity Distribution and Retail Markets penalizes companies (depending on their scale of operations) based on the number of customers that are without energy for more than 10 hours at a time and the number of customers that are without energy for a total of 48 hours in each calendar year. While Enerjisa Enerji has the right to file based on force majeure to request to be exempted from penalties, the final decision lies with EPDK. The calculation is based on a worst-case scenario, where EPDK does not approve the force majeure, on back of trend analysis and storm modelings, leading to interrupted energy flows with the following assumptions: Number of the affected customers are based on the number of affected customers during power cuts of calendar year 2023. 1) 1,449,640 of Enerjisa Enerji's 10 million customers to be without energy for more than 10 hours at a time will lead to 183.1 million TRY penalty. 2) 242,102 of Enerjisa Enerji's 10 million customers being without energy for more than 48 hours during the whole calendar year will lead*

to 67.7 million TRY penalty. The penalty payments are calculated according to the Service Quality Regulation in Electricity Distribution and Retail Markets with the following formulation: Customer compensation payment (TL) = Duration Constant (Total power cut duration (hour) – Threshold power cut duration (hour) ) x Coefficient x Distribution price (TL) x Average hourly kWh demand (kWh) • Duration Constant is determined as 121.45 TRY by the regulation. • Total power cut duration (hour) assumed to be 48 hours. • Threshold power cut duration is administered by Energy Market Regulatory Authority. The threshold value depends on whether the power cut is notified and the location of users such as urban, suburban and rural areas. • Coefficient number is determined as 2 by the regulation. This calculation is applied separately for each of the 242,102 customers that has gone through the electricity shortage. The total financial impact is calculated by the Enerjisa Enerji's internal systems automatically. The total impact reach of the risk is thus calculated as 183,102,096 TRY by the combination of the two categories above.

### (3.1.1.26) Primary response to risk

#### Infrastructure, technology and spending

- Improve maintenance of infrastructure

### (3.1.1.27) Cost of response to risk

246156

### (3.1.1.28) Explanation of cost calculation

According to the Regulation on Electricity Distribution System of Türkiye, a distribution company is obliged to have at least one mobile generator with low voltage level output and at least 50 kVA for each provincial center and districts with a population exceeding 100.000 to use in case of emergency. power. Enerjisa Enerji has already 85 generators which is more than required. In 2023, there was no additional generator purchase so the cost of response to the risk sourced from the annual maintenance costs of existing generators. Moreover, drones rented for the purpose of fault detection in case of calamity and the purchase price of are added to the cost of response to risk. Thus, the total cost of response is calculated to be 246,156 TRY.

### (3.1.1.29) Description of response

HV mobile generator capacity is enough to compensate the increasing severity of extreme weather events such as snowstorms which have caused major outages in Enerjisa Enerji's distribution network so Enerjisa Enerji did not purchase new generators in 2023. Also, the distribution companies have ensured that those generators are operating properly and their annual maintenances were made on time. In order to minimize the risk of blackouts and storm-related energy interruptions, Enerjisa also heavily invests in R&D studies and modernizing its grid and building out new energy lines that are more tolerant and robust. Enerjisa conducts projects to replace power lines from ground-level to underground, to minimize the risk of falling trees or breaking poles to minimize the risk of blackouts. Additionally, Enerjisa conducts tree cutting or pruning near the distribution lines, to mitigate the risks of falling trees on overhead cables and/or contact of trees with overhead lines-with the condition of replanting the trees elsewhere. Enerjisa also carries out renovation projects by switching from open conductor to closed conductor technology in power lines to



decrease power interruptions in the areas with heavy snow and frost due to climate change. In the fourth regulatory period (2021-2025), Enerjisa allocated the majority of its CAPEX budget to the modernization of its distribution grid and increasing the overall resiliency for extreme weather-related events.

## Water

### (3.1.1.1) Risk identifier

Select from:

Risk1

### (3.1.1.3) Risk types and primary environmental risk driver

#### Policy

Increased pricing of water

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

Upstream value chain

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

Turkey

### (3.1.1.7) River basin where the risk occurs

Select all that apply

Other, please specify :Sakarya, Kızılırmak

### (3.1.1.9) Organization-specific description of risk

*Enerjisa is confronted with a significant environmental risk due to the escalating water scarcity in Turkey, particularly in urban centers like Istanbul and Ankara. Turkey is classified as a water-stressed country, and this situation is worsening due to climate change, rapid urbanization, and population growth. These factors have led to a sharp increase in water prices, with Istanbul witnessing a 78% surge between July 2022 and July 2023. This upward trend is expected to continue, further straining the already limited water resources. The increasing scarcity not only drives up operational costs but also heightens the risk of more stringent environmental regulations aimed at water conservation and efficiency. Enerjisa's operations, which rely heavily on substantial water usage, are directly impacted by these developments. As water becomes increasingly scarce, the company may face significant challenges in maintaining its environmental management practices, with the potential for heightened scrutiny and penalties if consumption is not curtailed. Moreover, the environmental risk is compounded by the likelihood of more frequent and severe droughts, which could further diminish water availability. This makes it imperative for Enerjisa to implement robust water conservation measures and sustainable management practices to mitigate the long-term environmental and operational impacts of Turkey's growing water crisis.*

#### **(3.1.1.11) Primary financial effect of the risk**

Select from:

- Increased indirect [operating] costs

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

Select all that apply

- Medium-term

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

Select from:

- Likely

#### **(3.1.1.14) Magnitude**

Select from:

- Medium

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

*In the short term (1-3 years), the sharp rise in water prices, such as the 78% increase seen in Istanbul, is expected to significantly elevate Enerjisa's operational costs, which will directly reduce operating margins and tighten cash flows as more funds are allocated to cover these escalating expenses. This immediate financial strain could limit Enerjisa's ability to invest in essential infrastructure upgrades and growth projects, thereby potentially affecting the company's overall performance and profitability. In the medium term (3-10 years), the cumulative effect of ongoing water price increases, combined with potential regulatory pressures such as stricter water usage controls, could further strain Enerjisa's financial position. The continued rise in costs, potentially exceeding 5 million TRY over this period, may lead to a noticeable decrease in profitability and a significant tightening of cash flows, possibly necessitating additional financing to maintain liquidity. This could result in an increased debt burden and affect the company's credit rating. In the long term (10 years), sustained high water costs, coupled with the increasing frequency of extreme weather events linked to climate change, may severely impact Enerjisa's financial sustainability. Persistent high operational costs could erode profit margins, while aggressive regulatory interventions, such as caps on water usage or substantial fines, may force Enerjisa to rethink its business model. This scenario could lead to reduced shareholder value, volatile cash flows, and a need for strategic shifts toward less water-dependent operations to ensure long-term financial resilience and stability.*

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

Select from:

Yes

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

9858475.03

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

11098737.53

### **(3.1.1.25) Explanation of financial effect figure**

*In evaluating the financial impact of rising water prices on Enerjisa's operations, we focused on the key urban centers of Istanbul and Ankara, where water demand and pricing are most significant. Historical data reveals substantial increases in water prices in these cities. In Istanbul, the average water price rose from 13.60 TRY/m<sup>3</sup> in 2021 to 24.20 TRY/m<sup>3</sup> in 2022, a 78% increase, and further escalated by 93% from 22.4 TRY/m<sup>3</sup> in July 2022 to 43.23 TRY/m<sup>3</sup> in July 2023. Similarly, in Ankara, the price increased by 116% from 8.83 TRY/m<sup>3</sup> in 2021 to 19.045 TRY/m<sup>3</sup> in 2022, followed by a 41% rise from 20.17 TRY/m<sup>3</sup> in July 2022 to 28.38 TRY/m<sup>3</sup> in July 2023. To project the financial impact by 2026, we applied the observed growth rates to estimate future water prices. For the minimum scenario, we used the average growth rate observed between 2023 and 2024 in both cities. This resulted in a projected average water price of 96.10 TRY/m<sup>3</sup> in 2026. Given Enerjisa's annual water consumption of 102,589 m<sup>3</sup>, the total water cost in 2026 under this scenario is calculated as:  $96.10 \times 102,589 \approx 9,858,475.03$  TRY. For the maximum scenario, we considered a higher growth rate, reflecting more aggressive price increases, which projected an average water price of 108.19 TRY/m<sup>3</sup> in 2026. Using the same water consumption figure, the total projected water cost in 2026 under*

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the maximum scenario is: 108.19102,58911,098,737.53 TRY  $108.19 \times 102,589 \approx 11,098,737.53 \text{ TRY}$  108.19102,58911,098,737.53 TRY These calculations demonstrate that the anticipated financial impact on Enerjisa's water costs by 2026 could range from approximately 9.86 million TRY to 11.10 million TRY. These figures are significantly higher than previous years, underscoring the medium-term financial risk posed by escalating water prices in Turkey's major cities. Given this range, the financial impact is categorized as medium, according to Enerjisa's risk assessment thresholds, which consider impacts within the range of 1,000,000 - 10,000,000 TRY as medium.

### (3.1.1.26) Primary response to risk

#### Infrastructure, technology and spending

- Increase environment-related capital expenditure

### (3.1.1.27) Cost of response to risk

2784277.71

### (3.1.1.28) Explanation of cost calculation

To mitigate the financial risks associated with rising water prices, Enerjisa invested a total of 2,784,277.71 TRY in water efficiency initiatives during 2023. These investments include 2,444,977.71 TRY for renting water dispensers with purification systems to reduce reliance on external water sources, 53,000 TRY for sensor-operated faucets that minimize water waste by shutting off automatically, and 286,300 TRY for installing aerators in faucets to reduce water flow while maintaining pressure. These measures are designed to lower water consumption and manage the impact of future water price increases, reflecting Enerjisa's proactive approach to sustainability and cost management.

### (3.1.1.29) Description of response

In 2023, Enerjisa took significant steps to address the financial risks associated with rising water prices by investing in targeted water efficiency measures across its operations. As part of this effort, the company allocated 2,444,977.71 TRY towards renting water dispensers with integrated purification systems, which help reduce reliance on external water sources and ensure a steady supply of treated water for essential operations. Additionally, Enerjisa invested 53,000 TRY in sensor-operated faucets, which are designed to minimize water waste by automatically shutting off when not in use, thereby enhancing water use efficiency across its facilities. Further reinforcing its commitment to sustainability, the company spent 286,300 TRY on installing aerators in faucets. These aerators reduce water flow while maintaining adequate water pressure, contributing to significant water savings without compromising operational performance. Together, these initiatives, totaling 2,784,277.71 TRY, represent Enerjisa's proactive approach to mitigating the impact of escalating water prices and underscore its dedication to sustainable resource management, ensuring long-term operational resilience in the face of increasing water scarcity  
[Add row]

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

### **Climate change**

#### **(3.1.2.1) Financial metric**

Select from:

Other, please specify :Revenue and OPEX

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

345000000

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

Select from:

1-10%

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

66000000

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

Select from:

1-10%

#### **(3.1.2.7) Explanation of financial figures**

An assessment was made on the reflections on revenue and opex in the reporting year by considering the vulnerability of Energy Distribution Companies' operations to the significant impacts of transitional and physical environmental risks. Revenue losses due to climate risks such as regional/seasonal increases in the T&L ratios of electricity distributed, increase in the penalty amounts to be paid to EMRA due to interruptions caused by adverse weather conditions and similar climate risks have been approximately determined. The impact on OPEX of the increases in the amounts to be spent to prevent these risks and/or to combat the negative impacts they cause has been determined.

## Water

### (3.1.2.1) Financial metric

Select from:

Other, please specify :Revenue and OPEX

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

345000000

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

Select from:

1-10%

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

66000000

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

Select from:

1-10%

### (3.1.2.7) Explanation of financial figures

An assessment was made on the reflections on revenue and opex in the reporting year by considering the vulnerability of Energy Distribution Companies' operations to the significant impacts of transitional and physical environmental risks. Revenue losses due to climate risks such as regional/seasonal increases in the T&L ratios of electricity distributed, increase in the penalty amounts to be paid to EMRA due to interruptions caused by adverse weather conditions and similar climate risks have been approximately determined. The impact on OPEX of the increases in the amounts to be spent to prevent these risks and/or to combat the negative impacts they cause has been determined.

[Add row]

### (3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?

#### Row 1

#### (3.2.1) Country/Area & River basin

Zimbabwe

Other, please specify :Afrin

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

#### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

16

#### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization's annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

Select from:

1-10%

### (3.2.11) Please explain

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

## Row 2

### (3.2.1) Country/Area & River basin

**Zimbabwe**

Other, please specify :Asi, Orontes

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin



**(3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin**

Select from:

 1-25%**(3.2.8) % organization's annual electricity generation that could be affected by these facilities**

Select from:

 Not applicable**(3.2.10) % organization's total global revenue that could be affected**

Select from:

 1-10%**(3.2.11) Please explain**

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

**Row 3****(3.2.1) Country/Area & River basin****Zimbabwe** Other, please specify :Sakarya**(3.2.2) Value chain stages where facilities at risk have been identified in this river basin**

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

43

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization's annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

Select from:

1-10%

### (3.2.11) Please explain

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

## Row 4

### (3.2.1) Country/Area & River basin

## Zimbabwe

Other, please specify :Kızılırmak

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

8

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization's annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

Select from:

1-10%

### (3.2.11) Please explain

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

## Row 5

### (3.2.1) Country/Area & River basin

#### Zimbabwe

Other, please specify :Ceyhan River

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

*Select all that apply*

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

7

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

*Select from:*

1-25%

### (3.2.8) % organization's annual electricity generation that could be affected by these facilities

*Select from:*

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

*Select from:*

11-20%

### (3.2.11) Please explain

“According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately.”

## Row 6

### (3.2.1) Country/Area & River basin

#### Zimbabwe

Other, please specify :Göksu River

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

23

### (3.2.4) % of your organization’s total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization’s annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization’s total global revenue that could be affected

Select from:

1-10%

### (3.2.11) Please explain

*“According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately.”*

## Row 7

### (3.2.1) Country/Area & River basin

Zimbabwe

Other, please specify :Kocaeli

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

36

### (3.2.4) % of your organization’s total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization’s annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

Select from:

11-20%

### (3.2.11) Please explain

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

## Row 8

### (3.2.1) Country/Area & River basin

**Zimbabwe**

Other, please specify :Seyhan

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

20

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.8) % organization's annual electricity generation that could be affected by these facilities

Select from:

Not applicable

### (3.2.10) % organization's total global revenue that could be affected

Select from:

1-10%

### (3.2.11) Please explain

*"According to the WRI Aqueduct Water Risk Atlas, the regions where Enerjisa Enerji operates were reviewed. The number of buildings with water consumption due to human activities in the regions under high water risk was determined. The proportion of these buildings in total buildings of Enerjisa Enerji was calculated. Based on the revenues generated from the activities in those buildings, their percentage in total revenues was also calculated approximately."*

[Add row]

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

	Water-related regulatory violations	Comment
	Select from: <input checked="" type="checkbox"/> No	No violations.

[Fixed row]



**(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	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized
Water	<i>Select from:</i> <input checked="" type="checkbox"/> 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**

**Products and services**

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

#### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Downstream value chain

#### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Turkey

#### (3.6.1.8) Organization specific description

*Enerjisa Müşteri Çözümleri A.Ş. owns 100 % of the shares of Eşarj Elektrikli Araçlar Şarj Sistemleri A.Ş. (Eşarj). With Eşarj, we aim to create a national network of stations and an operating system of charging stations to offer nation-wide charging solutions with a wide range of products for our customers and contribute to the infrastructure in Türkiye. Our main offerings consist of EV charging solutions as well as public charging infrastructure for cities and individuals. Our goal is to accelerate the transition to ultrafast charging in the future. Since 2022 all Eşarj public stations have been operating solely on renewable energy, a first among charging operators. Through International Renewable Energy Certificates (IREC), Eşarj has certified to its users that the electricity used during charging is produced solely by wind and solar plants. With this development, Eşarj is aiming to act as an enabler for reducing carbon emissions further. It is expected that the revenues of Eşarj will increase in line with the EV uses in Türkiye and global. This will also increase revenues of Enerjisa Enerji, which is a climate-related opportunity.*

#### (3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased revenues through access to new and emerging markets

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

Select all that apply

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

#### (3.6.1.12) Magnitude

Select from:

- High

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

*The use of EV vehicles, one of the most important areas of improvement for decarbonization of the transportation sector, is increasing exponentially on a global scale. Considering the mitigation strategies determined within the global and national climate change mitigation policies, it is predicted that investments in this field will continue to increase. In parallel with the use of electric vehicles in Turkey, the need for charging stations is also increasing. Enerjisa Enerji has a significant stake in the installation and operation of electric charging stations in Turkey with its E-Charging company. This sector is expected to maintain its importance in the Company's investment plans and financial statements and even become a more important opportunity area.*

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

Select from:

Yes

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

166667446

### (3.6.1.23) Explanation of financial effect figures

*Energy transition for a sustainable world requires a decrease in the carbon intensity of the energy sector. This requires energy efficiency, distributed energy resources and low emission electricity. Transport sector is accounted for approximately 20% of carbon emissions in Türkiye. Electrification of transportation has emerged as a critical driver to reduce global GHG emissions. In 2023, a total of 68700 EV is used actively in Türkiye. However, the future targets of both domestic and foreign brands indicate that the number of EVs will grow exponentially. In 2023, EV sales increased by eight times compared to 2022. Türkiye has committed to only selling EVs by 2040, which will push the demand for EV charging stations. It is estimated that in 2030 there will be more than 1 million electric vehicles in Türkiye. This requires significant investments into the charging infrastructure and creates demand for hardware as well as software solutions. Enerjisa will benefit from this trend as increasing grid modernization and additional capacity increase demands will require more CAPEX and investments are main driver of income in regulated distribution revenues. Enerjisa's subsidiary Eşarj will profit from increasing EV penetration and charging needs, and we target to increase the share of revenues of Esarj in our consolidated revenues. It is expected that the Customer Solutions Business and Esarj combined has the potential to reach between 4-6 billion TRY annual revenues by 2025. This is calculated with national and global expectations on EV use and Enerjisa's growth in line with the sector.*

### (3.6.1.24) Cost to realize opportunity

453059000

### (3.6.1.25) Explanation of cost calculation

*Investments of E-Şarj include setting the charging station network, and total investments were increased to 453,059,000 TRY in 2023.. For our distributed generation and energy efficiency solutions, we make our investments through ESCO/EPSC model and in accounting of this model our CAPEX investments are recorded under COGS. The cost provided (453,059,000 TRY) includes CAPEX for EŞARJ in 2023. The number is rounded for confidentiality purposes.*

### (3.6.1.26) Strategy to realize opportunity

*Enerjisa Müşteri Çözümleri A.Ş. became the 100% shareholder of E-şarj as of 2022.E-şarj is mainly involved in the operation of charging network for electric vehicles and supply of charging stations equipment. Eşarj is a selected e-mobility business-solution partner by the passenger car manufacturers that launched electric and hybrid cars. Additionally, Eşarj collaborated with various brands from supermarket operators to gas stations to install charging stations. Eşarj's public stations operate solely on renewable energy, a first among charging operators. Through the International Renewable Energy Certificate (IREC), Eşarj has certified to its users that the electricity used during charging is produced solely by wind and solar plants. With this development, Eşarj aims to support the reduction of carbon emissions. Since 2022, 100% of all public charging related electricity consumption was sourced from renewable sources.. The cost provided (453,059,000 TRY) is the total cost to maintain and enhance this opportunity.*

## Water

### (3.6.1.1) Opportunity identifier

Select from:

Opp1

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

#### Resource efficiency

Cost savings

### (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

Turkey

### (3.6.1.6) River basin where the opportunity occurs

Select all that apply

Other, please specify :Afrin, Asi (Orontes),Sakarya, Kızılırmak, Ceyhan River, Goksu River, Kocaeli, Seyhan River

### (3.6.1.8) Organization specific description

*As water scarcity becomes a more pressing concern in Turkey, particularly in urban areas where Enerjisa operates, the company has recognized a significant opportunity to enhance water efficiency across its facilities. Reflecting the national priorities set forth in Turkey's "Water Efficiency Strategy Document and Action Plan (2023-2033)," Enerjisa is committed to reducing water consumption through targeted efficiency measures designed to minimize environmental impact and support sustainable operations. These efforts include optimizing existing water management systems, improving efficiency in water-intensive processes, and conducting systematic audits to identify and address inefficiencies. While technologies such as aerators, rainwater harvesting systems, and high-efficiency fixtures are integral to these efforts, Enerjisa's strategy emphasizes broader operational improvements to achieve a 1% annual reduction in water use. By implementing these measures, Enerjisa not only aligns with Turkey's national water conservation goals but also strengthens its operations against the challenges posed by increasing water scarcity, reinforcing its role as a leader in sustainable water management within the energy sector and demonstrating its ongoing commitment to environmental stewardship and long-term stability.*

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

Reduced direct costs

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

Select all that apply

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-low

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

*The anticipated effect of Enerjisa's water efficiency opportunity on its financial position, financial performance, and cash flows is expected to be positive across the short, medium, and long-term time horizons. In the short term (1-3 years), the implementation of targeted water efficiency measures, such as optimizing water management systems and reducing water waste, will begin to generate cost savings by lowering operational expenses related to water usage. These savings will gradually enhance the company's financial performance by improving margins. In the medium term (3-10 years), as water prices continue to rise due to increasing scarcity, the cumulative effect of these efficiency measures will become more pronounced, leading to more significant reductions in water-related costs and thereby strengthening cash flows. This will provide Enerjisa with greater financial flexibility to invest in other strategic areas. In the long term (10 years), sustained water efficiency will not only mitigate the financial risks associated with escalating water prices but also contribute to the company's overall financial resilience. By maintaining lower operating costs and ensuring stable cash flows, Enerjisa will be better positioned to withstand external pressures related to water scarcity, while continuing to meet its sustainability goals and delivering long-term value to shareholders.*

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

Select from:

Yes

### (3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

244529.13

### (3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

288456.52

### (3.6.1.23) Explanation of financial effect figures

The areas with the highest water demand, uninterrupted water supply requirements, and highest water prices are typically large urban settlements and major cities where Enerjisa operates, particularly in Istanbul and Ankara. In assessing the financial impact of water efficiency measures, we examined the changes in water unit costs in these key locations. Between 2022 and 2021, the average unit water price in Istanbul increased by 78%, from 13.60 TRY/m<sup>3</sup> to 24.20 TRY/m<sup>3</sup>. Between July 2022 and July 2023, this price surged by 93%, from 22.4 TRY/m<sup>3</sup> to 43.23 TRY/m<sup>3</sup>. Similarly, in Ankara, the average unit price rose by 116% from 8.83 TRY/m<sup>3</sup> in 2021 to 19.045 TRY/m<sup>3</sup> in 2022, and then by 41% from 20.17 TRY/m<sup>3</sup> in July 2022 to 28.38 TRY/m<sup>3</sup> in July 2023. Based on these findings, we projected the minimum and maximum possible price increases for the coming years. The minimum change percentage, calculated as the average of the July price changes in Istanbul and Ankara, is 67%. The maximum change percentage, calculated as the average of the annual changes, is 97%. For 2023, Enerjisa's total water usage expenditure was 2,218,230.65 TRY. Based on these projections, the minimum financial impact is calculated as follows:  $2,218,230.65 \text{ TRY} \times 0.67 = 1,484,214.53 \text{ TRY}$ . The maximum financial impact is calculated as  $2,218,230.65 \text{ TRY} \times 0.97 = 2,151,683.73 \text{ TRY}$ . If Enerjisa achieves a company-wide reduction of 7% in mains water usage, the expenditure would be 2,063,944.51 TRY. Considering this reduction, the minimum financial impact is  $2,063,944.51 \text{ TRY} \times 0.67 = 1,382,842.81 \text{ TRY}$ , and the maximum financial impact is  $2,063,944.51 \text{ TRY} \times 0.97 = 2,002,026.17 \text{ TRY}$ . These savings fall within the range of 100,000 - 1,000,000 TRY, categorizing the impact as low-medium according to Enerjisa's risk threshold range specified.

### (3.6.1.24) Cost to realize opportunity

2784277.71

### (3.6.1.25) Explanation of cost calculation

To capitalize on the opportunity to improve water efficiency and reduce the financial impact of rising water prices, Enerjisa invested a total of 2,784,277.71 TRY in various water efficiency initiatives during 2023. These investments include 2,444,977.71 TRY for renting water dispensers with purification systems to decrease reliance on external water sources, 53,000 TRY for sensor-operated faucets that minimize water waste by automatically shutting off when not in use, and 286,300 TRY for installing aerators in faucets to reduce water flow while maintaining adequate pressure. These measures are strategically designed to lower overall water consumption and ensure that Enerjisa is better positioned to manage the impact of future water price increases. This approach highlights Enerjisa's commitment to sustainability and proactive cost management, reinforcing its ability to thrive in an environment of increasing water scarcity.

### (3.6.1.26) Strategy to realize opportunity

In 2023, Enerjisa made strategic investments to seize the opportunity to enhance water efficiency across its operations, aiming to reduce the financial burden of rising water prices and promote sustainable resource management. The company allocated 2,444,977.71 TRY towards renting water dispensers with integrated purification systems, which help decrease reliance on external water sources and ensure a consistent supply of treated water for essential functions. Additionally, Enerjisa invested 53,000 TRY in sensor-operated faucets, designed to minimize water waste by automatically shutting off when not in use, thereby improving water efficiency throughout its facilities. To further support these efforts, the company spent 286,300 TRY on installing aerators in faucets. These aerators effectively reduce water

flow while maintaining adequate pressure, leading to significant water savings without sacrificing operational performance. Altogether, these initiatives, with a total investment of 2,784,277.71 TRY, highlight Enerjisa's proactive approach to harnessing water efficiency opportunities, reinforcing its commitment to sustainability, and ensuring long-term resilience in a water-scarce future.

[Add row]

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

#### **Climate change**

##### **(3.6.2.1) Financial metric**

Select from:

Revenue

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

6667378195

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

Select from:

1-10%

##### **(3.6.2.4) Explanation of financial figures**

*Enerjisa Enerji is committed to developing sustainable products and services that move towards a resilient and growing energy ecosystem. Accordingly, Enerjisa Müşteri Çözümleri A.Ş. (EMC) has been established in 2017 to engage in customer solutions activities; since October 2020, Enerji Enerji offers end-to-end solutions to enhance energy & resource efficiency and reduce the carbon emissions of corporate customers under the roof of "The Energy of My Business (İşimin Enerjisi)". EMC also became the 100% shareholder of E-şarj as of 2022. E-şarj is mainly involved in the operation of charging network for electric vehicles and supply of charging*



stations equipment. Additionally, in its distribution business, Enerjisa Enerji designated distribution investments that support the transition to a low-carbon energy system. Enerjisa Enerji generated TL 6.7 billion in revenue from 19 sustainable services in 2023. The share of this figure in the company's total revenue is 3.95%.

## Water

### (3.6.2.1) Financial metric

Select from:

Revenue

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

6667378195

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

Select from:

1-10%

### (3.6.2.4) Explanation of financial figures

*Enerjisa Enerji is committed to developing sustainable products and services that move towards a resilient and growing energy ecosystem. Accordingly, Enerjisa Müşteri Çözümleri A.Ş. has been established in 2017 to engage in customer solutions activities; since October 2020, Enerji Enerji offers end-to-end solutions to enhance energy & resource efficiency and reduce the carbon emissions of corporate customers under the roof of “The Energy of My Business (İşimin Enerjisi)”. EMC also became the 100% shareholder of E-şarj as of 2022. E-şarj is mainly involved in the operation of charging network for electric vehicles and supply of charging stations equipment. Additionally, in its distribution business, Enerjisa Enerji designated distribution investments that support the transition to a low-carbon energy system. Enerjisa Enerji generated TL 6.7 billion in revenue from 19 sustainable services in 2023. The share of this figure in the company's total revenue is 3.95%. [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

#### (4.1.4) Board diversity and inclusion policy

Select from:

Yes, and it is publicly available

#### (4.1.5) Briefly describe what the policy covers

*Enerjisa Enerji A.Ş. has a comprehensive Diversity and Inclusion Policy aimed at fostering a secure, creative, and inclusive working environment. The policy emphasizes gender equality, equal opportunity, and merit-based recruitment and promotion. It highlights the importance of diversity in enhancing decision-making and promoting a sense of belonging among employees. Significantly, the policy sets a target of at least 25% female representation on the Board of Directors and stresses the importance of diversity in the board's composition. This approach ensures varied perspectives, which contribute to the effective management of the company's activities. The policy is available on our Investor Relations website in both Turkish and English.*

#### (4.1.6) Attach the policy (optional)

EnerjiSA 4.1.pdf

[Fixed row]

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

	Board-level oversight of this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

#### (4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

##### Climate change

#### (4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

Board chair

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

Select from:

Yes

### (4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

Board mandate

### (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

Monitoring progress towards corporate targets

Approving and/or overseeing employee incentives

Monitoring the implementation of a climate transition plan

Overseeing and guiding the development of a business strategy

Overseeing and guiding the development of a climate transition plan

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

### (4.1.2.7) Please explain

*Accordingly, Enerjisa Enerji made the decision to increase the coverage of its non-financial reporting, namely its GHG emissions in 2022, in order to better assess the impacts of high intensity operations and to provide better transparency for stakeholders; combustion grid emission factor was revised to better measure the life cycle grid emission factor of emissions from electricity sold to customers. Also, GHG categories were added under Scope 3 such as Upstream emissions of purchased electricity, Upstream emissions of T&D losses then, Net-Zero Project which has been initiated in 2021 has been completed in 2022 and Board is assigned as supervisor of the project's improvement. Phase I of the Net-Zero Project finalized, Enerjisa committed to reduce its Scope 1 and 2 emissions 30% by 2030 compared to the baseline year 2021. Within 2023, Phase II of Net-Zero Project, where again the Board acts as supervisor of the project's improvement, with the aim of studying impacts of business activities on nature has been started. The prioritization of Enerjisa Enerji's locations and evaluation of impacts and dependencies on biodiversity,*

Genele Aık

searching circularity opportunities through the value chain and setting circularity ambition of Enerjisa Enerji, examination of climate related risks and opportunities, projection of Scope 3 emission and emission reduction initiatives have been conducted Results and roadmaps (such as biodiversity ambition statement, circular economy ambition and KPIs, Scope 3 emission reduction target, climate-related risks and financial impacts aligned with the TCFD framework) are approved by Board.

## Water

### (4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

- Board chair

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

Select from:

- Yes

### (4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

- Board mandate

### (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 the setting of corporate targets
- Monitoring progress towards corporate targets

- Approving and/or overseeing employee incentives
- Overseeing and guiding major capital expenditures
- Overseeing and guiding acquisitions, mergers, and divestitures
- Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

#### **(4.1.2.7) Please explain**

*Enerjisa believes that strong corporate governance, compliance, integrated risk management and internal control mechanisms, and effective stakeholder engagement are the backbones for sustaining its performance. As a part of the company's sustainability approach and corporate responsibility strategy, Enerjisa has been providing transparency in environmental impact reporting by receiving limited assurance services since 2020. Same as previous years, in 2023, ESG related short, medium and long-term targets have been set and approved by the Board of Directors. That targets also include water consumption reduction goals including whole Enerjisa Enerji business units. The realization of those targets have been continued to monitored on yearly basis by BoD.  
[Fixed row]*

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

#### **Climate change**

#### **(4.2.1) Board-level competency on this environmental issue**

Select from:

- Yes

#### **(4.2.2) Mechanisms to maintain an environmentally competent board**

Select all that apply

- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Integrating knowledge of environmental issues into board nominating process
- Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- Having at least one board member with expertise on this environmental issue

### (4.2.3) Environmental expertise of the board member

#### Academic

Postgraduate education (e.g., MSc/MA/PhD in environment and sustainability, climate science, environmental science, water resources management, forestry, etc.), please specify :MSc in Energy management and Sustainability related social sciences

#### Experience

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

#### Water

### (4.2.1) Board-level competency on this environmental issue

Select from:

- Yes

### (4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Integrating knowledge of environmental issues into board nominating process
- Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- Having at least one board member with expertise on this environmental issue

### (4.2.3) Environmental expertise of the board member

#### Academic

Postgraduate education (e.g., MSc/MA/PhD in environment and sustainability, climate science, environmental science, water resources management, forestry, etc.), please specify :MSc in Energy management and Sustainability related social sciences

### Experience

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

[Fixed row]

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

	Management-level responsibility for this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

#### Climate change

##### (4.3.1.1) Position of individual or committee with responsibility

#### Executive level

- Chief Executive Officer (CEO)



#### (4.3.1.2) Environmental responsibilities of this position

##### **Dependencies, impacts, risks and opportunities**

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

##### **Policies, commitments, and targets**

- Measuring progress towards environmental corporate targets

##### **Strategy and financial planning**

- Developing a business strategy which considers environmental issues
- Developing a climate transition plan
- Implementing a climate transition plan
- Implementing the business strategy related to environmental issues

##### **Other**

- Providing employee incentives related to environmental performance

#### (4.3.1.4) Reporting line

*Select from:*

- Reports to the board directly

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

*Select from:*

- More frequently than quarterly

#### (4.3.1.6) Please explain

CEO defines the sustainability strategy and has ultimate responsibility for monitoring and ensuring sustainability performance including climate change, climate-related corporate targets, ESG related actions and performance related to KPIs and commitments. Climate-related issues are reported by Enerjisa CEO to Enerjisa Board more frequently than quarterly to be discussed together with climate-related regulatory developments at the board level. Enerjisa Enerji has a one-tier board structure. Accordingly, CEO and CFO are not members of the Board of Directors. Therefore, CEO has the highest management level position with climate-related responsibility.

## Water

### (4.3.1.1) Position of individual or committee with responsibility

#### Executive level

- Chief Executive Officer (CEO)

### (4.3.1.2) Environmental responsibilities of this position

#### Dependencies, impacts, risks and opportunities

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

#### Policies, commitments, and targets

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

#### Strategy and financial planning

- Developing a business strategy which considers environmental issues
- Implementing the business strategy related to environmental issues
- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing annual budgets related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues

## Other

- Providing employee incentives related to environmental performance

### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- More frequently than quarterly

### (4.3.1.6) Please explain

*CEO defines the sustainability strategy and is responsible for monitoring and ensuring sustainability performance including climate change, ESG-related actions, water-related risks, opportunities and targets, and performance related to KPIs and commitments. In addition, as an electricity distribution company, it is the CEO's responsibility to include the risks related to water and the actions to be taken in the business strategy and to manage the necessary expenditures. Water-related issues are reported by Enerjisa CEO to Enerjisa Board to be discussed together with regulatory developments at the board level at all meetings quarterly scheduled and additional meetings if needed, as in 2023 in which six meetings were held. CFO has also the authority to report climate and water-related decisions to the Board.*  
[Add row]

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

### Climate change

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

Select from:

- Yes

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

10

#### (4.5.3) Please explain

*Sustainability strategy and qualitative scenario analysis has a direct impact on Enerjisa Enerji's governance, strategy, and operations; thus, sustainability related KPIs (e.g., water consumption related topics) have been a part of the company's scorecard. This year, in order to accelerate the company's ESG performance, the details of ESG related goals have been revised to be more ambitious. In 2023, the weight of ESG related targets were 10% in company scorecard. As a result, ESG KPIs including climate and water targets have been included in the remuneration of C-level executives. Performance evaluations of operational units include water KPIs as reduction of water consumption per capita. The aforementioned studies will continue to guide our managerial and operational KPIs and improve our disclosure performance (CDP, Sustainability Report, etc.).*

### Water

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

Select from:

Yes

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

10

#### (4.5.3) Please explain

*Sustainability strategy and qualitative scenario analysis has a direct impact on Enerjisa Enerji's governance, strategy, and operations; thus, sustainability related KPIs (e.g., water consumption related topics) have been a part of the company's scorecard. This year, in order to accelerate the company's ESG performance, the details of ESG related goals have been revised to be more ambitious. In 2023, the weight of ESG related targets were 10% in company scorecard. As a result, ESG KPIs including climate and water targets have been included in the remuneration of C-level executives. Performance evaluations of operational units include water KPIs as reduction of water consumption per capita. The aforementioned studies will continue to guide our managerial and operational KPIs and improve our disclosure performance (CDP, Sustainability Report, etc.).*

[Fixed row]

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

## **Climate change**

### **(4.5.1.1) Position entitled to monetary incentive**

#### **Board or executive level**

Chief Executive Officer (CEO)

### **(4.5.1.2) Incentives**

*Select all that apply*

Bonus - % of salary

### **(4.5.1.3) Performance metrics**

#### **Targets**

Progress towards environmental targets

#### **Strategy and financial planning**

Board approval of climate transition plan

#### **Emission reduction**

Reduction in emissions intensity

### **(4.5.1.4) Incentive plan the incentives are linked to**

*Select from:*

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

#### (4.5.1.5) Further details of incentives

*Enerjisa has applied incentives to its employees when the ESG and Sustainability related 10 % achievement target is accomplished within the company. The progress of targets is monitored over the company's scorecard. This target is increased to 22.5% for the 2024. In 2023, Enerjisa CEO was evaluated on the company's scorecard, including relevant ESG targets, and received incentives regarding ESG targets amounting to around 60% of CEO's total annual base wage and bonus. In line with the Enerjisa Enerji Net-zero road map, CEO is responsible of the progress of achieving the Net-zero road map objectives. These objectives are integrated with CEO KPI's. As a result, CEO KPI's include board approval of emission reduction targets, any progress and achievement of emission reduction targets and board approval of climate transition plan.*

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

*The performance indicator, represented by the CEO's Remuneration, includes KPIs covering installed solar power plant capacity for customers, water consumption reduction, income generated by customer solutions products and grid decarbonisation to enable carbon emission reductions, which are completely in line with our climate-related targets. In 2023, Enerjisa CEO was evaluated on the company's scorecard, including relevant ESG targets, and received incentives regarding ESG targets amounting to around 60% of CEO's total annual base wage and bonus.*

### Water

#### (4.5.1.1) Position entitled to monetary incentive

##### Board or executive level

Chief Executive Officer (CEO)

#### (4.5.1.2) Incentives

*Select all that apply*

Bonus - % of salary

#### (4.5.1.3) Performance metrics

## Resource use and efficiency

- Reduction of water withdrawals – direct operations

## Pollution

- Reduction of water pollution incidents

### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

### (4.5.1.5) Further details of incentives

*Enerjisa has applied incentives to its employees when the ESG and Sustainability related 10 % achievement target is accomplished within the company. The progress of targets is monitored over the company's scorecard. This target is increased to 22.5% for the 2024. In 2023, Enerjisa CEO was evaluated on the company's scorecard, including relevant ESG targets, and received incentives regarding ESG targets amounting to around 60% of CEO's total annual base wage and bonus. In line with the Enerjisa Enerji Net-zero road map, CEO is responsible of the progress of achieving the Net-zero road map objectives. These objectives are integrated with CEO KPI's. As a result, CEO KPI's include board approval of emission reduction targets, any progress and achievement of emission reduction targets and board approval of climate transition plan. Enerjisa has applied incentives to its employees when the ESG and Sustainability related 10 % achievement target is accomplished within the company. The progress of targets is monitored over the company's scorecard. This target is increased to 22.5% for the 2024. In 2023, Enerjisa CEO was evaluated on the company's scorecard, including relevant ESG targets, and received incentives regarding ESG targets amounting to around 60% of CEO's total annual base wage and bonus. In line with the Enerjisa Enerji Net-zero road map, CEO is responsible of the progress of achieving the Net-zero road map objectives. These objectives are integrated with CEO KPI's. As a result, CEO KPI's include board approval of emission reduction targets, any progress and achievement of emission reduction targets and board approval of climate transition plan.*

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

*We aim to create a positive impact on the planet by reducing our environmental footprint and promoting sustainability in line with our vision. As stated in our water policy, we set goals to improve our water performance and increase resource efficiency by focusing on water recycling, reducing water consumption, and enhancing water monitoring systems. We carry out projects to achieve these goals. We constantly review our business processes to protect and sustain water resources, embrace best practices, and follow innovations. Additionally, we evaluate the possibilities of transitioning to a circular economy in our operations to reduce the water footprint resulting from all types of tools and equipment used throughout our lifecycle and implement projects to make it happen. To achieve these goals, key performance indicators KPIs are established for the employees of relevant departments and the CEO, and if these KPIs are achieved, both monetary and non-*

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monetary rewards are given. The progress of targets is monitored over the company's scorecard. Based on the achievement rate of the goals, a certain percentage of the salary is given as a bonus to the relevant individuals. Rewarding employees with incentives for goal achievement provides several benefits, including increased motivation, productivity, and performance. Incentives align employees' efforts with organizational goals, improve job satisfaction, encourage collaboration, and contribute to a positive work culture.

[Add row]

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

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

[Fixed row]

#### (4.6.1) Provide details of your environmental policies.

##### Row 1

#### (4.6.1.1) Environmental issues covered

Select all that apply

Climate change

#### (4.6.1.2) Level of coverage

Select from:

Organization-wide



### (4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain

### (4.6.1.4) Explain the coverage

*Enerjisa's environmental policy shows our commitment to following legal rules while focusing on environmental sustainability. We work on climate change mitigation, waste management, resource efficiency, and protecting ecosystems. We aim to go beyond regulatory requirements, involve stakeholders, and increase environmental awareness throughout our organization. We also plan to switch entirely to renewable energy and achieve net-zero emissions. We strive to develop and maintain environmental awareness across our organization and encourage our employees, suppliers, and business partners to act responsibly in environmental matters. In fighting climate change, we follow national and international emission targets. To support the low carbon economy, a key part of sustainable development, we work to reduce energy consumption, increase energy efficiency, use more renewable resources, and cut our greenhouse gas emissions. By including these actions in our policy, we aim to lead in environmental care within the energy sector, working towards a sustainable future while meeting stakeholder needs and fulfilling our corporate responsibilities.*

### (4.6.1.5) Environmental policy content

#### **Environmental commitments**

- Commitment to take environmental action beyond regulatory compliance
- Commitment to stakeholder engagement and capacity building on environmental issues

#### **Climate-specific commitments**

- Commitment to 100% renewable energy
- Commitment to net-zero emissions

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

Select all that apply

- Yes, in line with the Paris Agreement

### (4.6.1.7) Public availability

Select from:

- Publicly available

### (4.6.1.8) Attach the policy

*EE-PO-311\_EN\_3 Environmental Policy.pdf*

## Row 2

### (4.6.1.1) Environmental issues covered

Select all that apply

- Water

### (4.6.1.2) Level of coverage

Select from:

- Organization-wide

### (4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain

### (4.6.1.4) Explain the coverage

*Aligned with our sustainability vision at Enerjisa Energy, we aim to reduce our environmental footprint and positively impact the planet. Water is crucial for cleanliness, sanitation, and irrigation in our operations. While our direct water impacts may not be significant, we recognize its importance throughout our value chain and to all stakeholders. In line with the United Nations Global Compact and Enerjisa Human Rights Policy, ensuring access to clean water and sanitation for all living beings, we adhere to the following commitments: full compliance with water regulations and standards, identification, review, and reporting on water and climate-related risks,*

*embracing best practices for water conservation, pollution prevention, and resource efficiency improvement. We commit to providing safe drinking water and hygiene standards for our employees and stakeholders, encouraging responsible environmental conduct among all stakeholders, and evaluating opportunities for transitioning to a circular economy to reduce water footprints. The creation and implementation of this policy, covering all company activities, are ensured through coordination between Environmental and Administrative Affairs departments, with policy review and approval carried out by the Sustainability Department and the Enerjisa Energy Sustainability Executive Committee.*

#### **(4.6.1.5) Environmental policy content**

##### **Environmental commitments**

- Commitment to comply with regulations and mandatory standards

##### **Water-specific commitments**

- Commitment to reduce water consumption volumes
- Commitment to reduce water withdrawal volumes
- Commitment to control/reduce/eliminate water pollution
- Commitment to safely managed WASH in local communities
- Commitment to the conservation of freshwater ecosystems
- Commitment to water stewardship and/or collective action

##### **Additional references/Descriptions**

- Acknowledgement of the human right to water and sanitation
- Recognition of environmental linkages and trade-offs

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

*Select all that apply*

- Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

#### **(4.6.1.7) Public availability**

*Select from:*

- Publicly available

#### (4.6.1.8) Attach the policy

EE-PO-311\_EN\_3 Environmental Policy.pdf

[Add row]

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

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

Select from:

Yes

##### (4.10.2) Collaborative framework or initiative

Select all that apply

- Global Reporting Initiative (GRI) Community Member
- Task Force on Climate-related Financial Disclosures (TCFD)
- UN Global Compact
- World Business Council for Sustainable Development (WBCSD)
- Other, please specify :Entegre Raporlama Türkiye Ağı (ERTA)

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

*We are among the signatories of the United Nations Global Compact (UN Global Compact), which is the world's largest voluntary corporate sustainability initiative and have been part of the United Nations Women's Empowerment Principles (WEPs) since 2019. In 2021, we declared our commitment to comply with the principles of Transparency International, demonstrating our pledge to adhere to high ethical standards. We are also a part of the Business Plastic Initiative, founded by TÜSİAD and collaborate with the Business Council for Sustainable Development Turkey (SKD Turkey). We recently become a member of ERTA (Integrated Reporting Turkey Network) starting from 2023. This membership allows us to track both global and local developments closely. By doing so, we aim to enhance our reporting capacity in both financial and non-financial aspects, while also gaining access to industry-specific best practices.*

[Fixed row]

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

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

*Select all that apply*

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

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

*Select from:*

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

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

*Select all that apply*

- Paris Agreement
- Sustainable Development Goal 6 on Clean Water and Sanitation

**(4.11.4) Attach commitment or position statement**

*EE-PO-311\_EN\_3 Environmental Policy.pdf*

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

*Select from:*

- Yes

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

Select all that apply

Mandatory government register

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

Trade Registry Number: 800865 Mersis Number: 0335042909900015

#### (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

*To become a leading company in driving sustainability initiatives in the energy sector in Turkey, Enerjisa Enerji actively engages with policy makers, trade associations and other organizations. We participate in meetings and conferences organized by the ministry and other major institutions such as EPDK, EPIAŞ and TUSIAD to share our expertise, assess the market and monitor and guide regulatory developments. Environment-related issues, including water, are managed at the highest possible level in Enerjisa Enerji. Our operations are affected by water-related risks such as droughts, heavy precipitation and supply of hydropower which can cause a range of operational, strategic and financial problems for Enerjisa Enerji (e.g. physical damage to infrastructure, defaults, fines due to long-lasting outages, fluctuations in supply of energy) Therefore, all activities that influence policy and strategy are reported to the Board of Directors through SEC. Enerjisa Enerji develops long-term strategies with a sustainable and holistic approach while integrating ESG factors into its strategy, with environment-related topics being among the most crucial ones. Enerjisa Enerji is Turkey's only listed electricity distribution and retail company, therefore its ESG performance, and especially its ecological resilience is considered essential to its long-term performance. Enerjisa Enerji's presence in high-level position of major trade associations allows it to monitor and guide the changes in the market and regulations. In addition to highlevel representation through its Chairman and CEO in trade associations, all views and activities to influence policy and activities that cause inconsistency is reviewed by the Compliance and Legal Director, who is also a member of the Sustainability Committee. In line with our climate strategy, we commit to reduce our direct and indirect GHG emissions supporting global warming goal of UN Paris Agreement on Climate Change showing our commitment on allingment our business with a Net Zero Pathway by 2050. In addition, our shareholder E.ON has had their near-term targets validated and is a part of the Business Ambition for 1.5C. Also, our other shareholder, Sabancı Holding's decarbonization target is in compliance with the SBTi 1.5C roadmap.*  
[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

The "4th Electricity Distribution Regulatory Period Covering 2021-2025" is a regulatory framework established for managing and overseeing electricity distribution activities over this five-year period. It sets guidelines, standards, and targets for electricity distribution companies to ensure reliable and efficient service.

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

Select all that apply

- Climate change

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

Other

- Climate transition plans

#### (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

- Europe, Middle East and Africa (EMEA)

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

Select from:

- Support with no exceptions

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

Select all that apply

Discussion in public forums

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

0

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

*With the decline in the cost of renewables and the emergence of electrification of transport and heating as critical factors in reducing emissions, the distribution grid has become increasingly important. Networks need to be expanded and upgraded to address the rising electrification, renewable energy systems, and the growth of EV charging infrastructure. Our relationships with public institutions and regulatory bodies, which are independent of any political view and based on principles of justice, honesty, equality, and independence as outlined in our code of conduct and corporate identity, are crucial to this effort. In Turkey, regulatory periods for distribution companies are determined for five-year intervals. During the 4th regulatory period (2021-2025), we played an active role in discussions about regulatory parameters (tariffs) based on the investment needs of the networks. We believe the announced parameters will encourage progress and transparency, incentivize investments, and improve quality metrics to support the electrification of energy systems. Given the increasing impact of climate change and financial pressures due to high inflation, Enerjisa Enerji has actively engaged with government bodies to ensure efficient and resilient energy solutions. In 2023, we participated in crucial negotiations with public institutions to secure financing for disaster response efforts, ensuring accurate reporting and establishing a robust investment framework. Additionally, we developed a new index to address distribution companies' costs, reflecting new principles and needs beyond traditional inflation indices. Recognizing the impact of climate events such as floods and fires on service quality, we attended several workshops with government bodies, EMRA, and ELDER to sustain high service standards amidst these challenges. Our commitment to these principles continues to guide our engagement and measure the success of our efforts in achieving our environmental commitments and transition plan.*

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

Select from:

Yes, we have evaluated, and it is aligned

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



Select all that apply

Paris Agreement

## Row 2

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

*Water Pollution and Control Regulation*

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

Select all that apply

Water

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

**Environmental impacts and pressures**

Water pollution

### (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

Europe, Middle East and Africa (EMEA)

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

Select from:

- Support with no exceptions

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

Select all that apply

- Other, please specify :Mandatory reporting

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

0

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

*As Enerjisa, the Water Pollution Control Regulation is highly relevant to achieving our environmental commitments and transition plan. This regulation helps us ensure that our operations align with environmental standards, which is essential for our climate goals. Although we do not generate electricity ourselves, we manage the distribution and sale of it, making water management crucial for our operations. The regulation informs our engagement by providing guidelines that shape our water management strategies. We measure the success of our engagement through various metrics. These include reductions in water consumption, improvements in water conservation practices, and compliance with regulatory standards. By adhering to the Water Pollution Control Regulation, we aim to minimize our environmental impact, promote sustainable water usage, and contribute to the global effort to conserve water.*

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

Sustainable Development Goal 6 on Clean Water and Sanitation

[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

Global

Other global trade association, please specify :TÜSIAD (Turkish Industry and Business Association)

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

Select all that apply

Climate change

Water

### (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**

*TÜSİAD (Turkish Industry and Business Association) is one of the leading organizations that represents the Turkish business world. It is a voluntary, independent, non-governmental organization that aims to promote welfare through private enterprise. We actively participate in TÜSİAD's working groups on matters that overlap with our material topics. By doing so, we get to monitor sectoral changes, contribute to the industry and share our insights. One of the roundtables within TUSİAD is the Energy and Environment Roundtable, which Enerjisa Enerji's chairman serves as its chairman. Enerjisa Environment leader was a member of this sub-working group as well. Energy and Environment Roundtable proposes innovative, technology and efficiency-focused and environment-friendly solutions for a competitive and predictable energy market. The Roundtable also carries out studies for combating climate change, development of low carbon economy, circular economy, resource-efficiency, and waste management in the environment area. Enerjisa Enerji took part in several working groups of TÜSİAD: Energy working group, Environment and Climate Change working group and Circular Economy Sub Working Group. TÜSİAD has provided inputs to many ministries and government institutions which were prepared by the Roundtable. Some of the contribution topics include: Green Deal and Circular Economy Action Plan, Data Management, Access to Capital for Cities and Natural Disaster Management. TUSİAD also participated in the 12th Turkey's Energy Summit. One of our contributions this year was on the topic of Emissions Trading System. We reported risks, opportunities and our position on this subject through the "Position Declaration Document" which was reported to relevant ministries. We have also joined TÜSİAD and BCSD Turkey's Business Plastic Initiative and committed to reducing our plastic consumption. Starting in 2021, Enerjisa Enerji started also join TÜSİAD's newly formed division for Energy Efficiency which aims to set a strategy on energy efficiency policies and carry out activities related to sustainable energy studies. TÜSİAD's views on climate change are towards enabling the low carbon transition of Turkey and are consistent with Enerjisa Enerji.*

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

175000

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

*As the sector leader, we are actively involved with sectoral organizations, NGOs and initiatives that advance the sector and spread our sustainability and climate vision. We actively participate in sectoral organizations, NGOs and initiatives to promote actions that move our industry forward and broaden the private sector's sustainability and climate vision at the highest levels.*

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

*Select from:*

- Yes, we have evaluated, and it is aligned

#### **(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation**

*Select all that apply*

- Paris Agreement
- Sustainable Development Goal 6 on Clean Water and Sanitation

### **Row 2**

#### **(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 :ELDER (Association of Distribution System Operators)

#### **(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

Water

#### **(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**

*With the aim of developing innovative practices and methodologies that will increase energy efficiency in the electricity distribution sector and define a road map for energy efficiency, the HASAT Project was initiated in collaboration with ELDER and with the support of other Electricity Distribution Companies. The goal of the project is to develop practices to define the infrastructure and systemic improvement requirements in line with initiatives to increase efficiency and encourage consumers to use energy more efficiently. In 2021, we became a part of ELDER's Environment Working Group, which was established to set a common purpose among electric distribution companies and elevate and standardize their environmental management. This year, we attended several meetings that included ELDER among its participants. One of the topics of these meetings was "The Development of Electric Vehicle Charging Station's Infrastructure". We reviewed several topics including green tariffs and using certified renewable energy (YEK-G) at charging stations. We also came together with ELDER, EPDK and GAZBIR to assess the potential of blockchain technologies in the energy sector and regulations that could support and monitor these technologies. We worked with these stakeholders to write a paper on our findings and published it on BCTR's (Blockchain Turkey) website. Our paper "Developments on Blockchain in the Energy Sector" can be found on this link: [https://bctr.org/dokumanlar/Enerji\\_Sektorunde\\_Blokzinciri\\_Gelismeleri.pdf](https://bctr.org/dokumanlar/Enerji_Sektorunde_Blokzinciri_Gelismeleri.pdf) Our 2022 agenda with ELDER includes developing a guidance on waste management for energy distribution companies. This guidance includes topics related with collecting and monitoring waste data, best practices in waste collection, storage and disposal and potential risks. We have active participation in ELDER. Enerjisa Enerji's Chairman became the Chairman of the ELDER Board of Directors in 2021. Enerjisa Enerji CEO is also a Board Member at ELDER. 1,050,200 TRY was funded to ELDER in behalf of the 3 distribution companies of Enerjisa Enerji.*

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

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

*As the sector leader, we are actively involved with sectoral organizations, NGOs and initiatives that advance the sector and spread our sustainability and climate vision. We actively participate in sectoral organizations, NGOs and initiatives to promote actions that move our industry forward and broaden the private sector's sustainability and climate vision at the highest levels.*

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement
- Sustainable Development Goal 6 on Clean Water and Sanitation

**Row 3**

**(4.11.2.1) Type of indirect engagement**

Select from:

- Indirect engagement via other intermediary organization or individual

**(4.11.2.2) Type of organization or individual**

Select from:

- Non-Governmental Organization (NGO) or charitable organization

#### **(4.11.2.3) State the organization or position of individual**

EUROGIA

#### **(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  
 Water

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

Select from:

- Consistent

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

Select from:

- Yes, we publicly promoted their current position

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

*The Eurogia2030 programme intent is to address issues in the energy market in order to develop the Eurogia2030 5Ds Strategy: Decarbonisation, Democratisation, Digitalisation, Deregulation, Decentralisation. Eurogia aims to boost the productivity, competitiveness and environmental sensitivity of the EurekaNetwork countries. Through innovative technologies and energy solutions, Eurogia2030 improves the Low Carbon Energy market for a sustainable future. The Eurogia Calls are specifically designed to stimulate activity in this important area, through the creation of trans-national collaborative projects in applications that will support economic growth and benefit society as a whole. Participants are invited to submit applied research and innovation project proposals within the Eurogia scope. Among the*



relevant enabling technologies, digitalization, IOT, AI, blockchains, cyber-security, communication, 5G/6G, drones, sensors, new materials, asset management, recycling, etc. are also expected to play an important role. EUROGIA Board members are industry representatives assigned by Eurogia Member Companies. Enerjisa is in active management with its CEO as President and its managers in management board.

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

390000

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

EUROGIA is a bottom-up, industry driven, market-oriented programme. We support them because they address all areas of the energy mix, from renewable energy to efficiency and reduction of carbon footprint of fossil fuels. From June 2013 on-wards, EUROGIA has been active under the name of EUROGIA 2020, following the main targets of EUROGIA with a more comprehensive Technology Roadmap. The Enerjisa Enerji CEO has been serving as the Chairman of EUROGIA2020 since 2017. There are several other senior level employees from Enerjisa Enerji that serve on the Board of EUROGIA. As the sector leader, we are actively involved with sectoral organizations, NGOs and initiatives that advance the sector and spread our sustainability and climate vision. We actively participate in sectoral organizations, NGOs and initiatives to promote actions that move our industry forward and broaden the private sector's sustainability and climate vision at the highest levels.

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

Select from:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Sustainable Development Goal 6 on Clean Water and Sanitation

[Add row]

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

**Row 1**

**(4.12.1.1) Publication**

*Select from:*

- In mainstream reports, in line with environmental disclosure standards or frameworks

**(4.12.1.2) Standard or framework the report is in line with**

*Select all that apply*

- GRI

**(4.12.1.3) Environmental issues covered in publication**

*Select all that apply*

- Climate change
- Water

**(4.12.1.4) Status of the publication**

*Select from:*

- Complete

**(4.12.1.5) Content elements**

*Select all that apply*

- Strategy
- Governance
- Emission targets
- Dependencies & Impacts

- Emissions figures
- Risks & Opportunities

#### **(4.12.1.6) Page/section reference**

*Page 80 / Section: Our Approach to Environmental Management Pages 87-88 / Section: Water Management*

#### **(4.12.1.7) Attach the relevant publication**

*Enerjisa Sustainability Report\_2023.pdf*

#### **(4.12.1.8) Comment**

*[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:

Annually

### Water

#### (5.1.1) Use of scenario analysis

Select from:

Yes

#### (5.1.2) Frequency of analysis

Select from:

Annually

[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

#### Climate transition scenarios

- IEA NZE 2050

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Reputation
- Technology
- Liability

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.5°C or lower

### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- 2025
- 2030
- 2040
- 2050

### (5.1.1.9) Driving forces in scenario

#### Stakeholder and customer demands

- Consumer attention to impact

#### Regulators, legal and policy regimes

- Other regulators, legal and policy regimes driving forces, please specify :Changes in carbon market Dynamics, Enhanced reporting obligations

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Electrification of end use, Increased share of renewables in the energy mix

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*The scenario includes variables such as the number of people without access to electricity and compared to other scenarios, NZE2050 assumes that there will not be any people without access to electricity by 2050. Economic activity and population are the two fundamental drivers of demand for energy services and unless otherwise specified, these are kept constant across the scenario study. The other projections are based on the average retail prices of each fuel used in final uses, power generation and other transformation sectors. The assumptions of the scenario includes population & economic growth, prices of electricity generation, carbon price, and end-user prices for electricity. According to the study, the total population will rise from 7.8 billion today to more than 9.6 billion in 2050. The share of the global population living in cities and towns is assumed to rise to 68% in 2050 from 57% today. The addition of 75 million people on average each year to the urban population, predominantly in developing economies, means that urban public policies, design and infrastructure choices become crucial variables in the future of*

global energy. That could provide Enerjisa Enerji's distribution lines to increase with more connections. Also with EV charging business, a rising population might create another opportunity. A significant rise in population and energy need in industry may push energy prices to increase even further. As a distribution business, there are both opportunities and risks for Enerjisa Enerji as the electricity prices will be fluctuating.

### (5.1.1.11) Rationale for choice of scenario

NZE2050 is an IEA scenario that shows a pathway for the global energy sector to achieve net zero CO2 emissions by 2050, with advanced economies reaching net zero emissions in advance of others. This scenario also meets key energy-related United Nations Sustainable Development Goals (SDGs), in particular by achieving universal energy access by 2030 and major improvements in air quality. It is consistent with limiting the global temperature rise to 1.5 C with no or limited temperature overshoot (with a 50% probability).

## Water

### (5.1.1.1) Scenario used

#### Physical climate scenarios

RCP 8.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

SSP4

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 2025 | <input checked="" type="checkbox"/> 2070 |
| <input checked="" type="checkbox"/> 2030 | <input checked="" type="checkbox"/> 2080 |
| <input checked="" type="checkbox"/> 2040 | <input checked="" type="checkbox"/> 2090 |
| <input checked="" type="checkbox"/> 2050 | <input checked="" type="checkbox"/> 2100 |
| <input checked="" type="checkbox"/> 2060 |  |

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Number of ecosystems impacted
- Climate change (one of five drivers of nature change)



### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

A Representative Concentration Pathway (RCP) is a greenhouse gas concentration trajectory adopted by the IPCC; labelled after a possible range of radiative forcing values in the year 2100. RCP8.5 and RCP 2.6 represents a radiative forcing value of 8.5 W/m<sup>2</sup> and 2.6W/m<sup>2</sup> in 2100 respectively. RCP2.6 is a strict mitigation scenario aiming to limit global warming to below 1.5C by achieving near-zero or negative greenhouse gas emissions by 2100, whereas RCP8.5 is the worst-case scenario. mainly, temperature change and sea level rise are discussed within these scenarios. RCP2.6 oversees a maximum of 2.3 degrees Celsius temperature rise until 2100 however, RCP8.5 expect the temperature rise to be above 5 degrees Celsius according to the IPCC 5th Assessment Report. Sea level rise is expected to exceed 0.4 meters by 2100 in RPC2.6. RCP8.5 expect a minimum of 0.8 meters of sea level rise by 2100, on the coastal side. These physical outcomes of the scenarios help Enerjisa Enerji to assess its physical risk in different facilities and business activities.

### (5.1.1.11) Rationale for choice of scenario

Incorporating the RCP 8.5 scenario into Enerjisa's strategy is crucial for ensuring resilience against extreme climate impacts. This high-emission scenario allows us to prepare for severe outcomes like mass climate migration, rising temperatures, changing precipitation patterns, sea level rise, water stress, wildfires, floods, heat waves, and cold waves. These risks could lead to increased operational and maintenance costs, disruptions in energy generation, and reductions in revenue due to damage to infrastructure and changes in demand patterns. However, the scenario also presents opportunities, such as increased demand for electricity due to higher temperatures, which can drive revenue growth. By addressing these risks and leveraging the opportunities, we enhance our infrastructure resilience and operational robustness, ensuring robust strategic and financial planning amidst climate uncertainties and safeguarding our ability to provide reliable energy services.

## Climate change

### (5.1.1.1) Scenario used

#### Physical climate scenarios

RCP 8.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

SSP4

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

#### (5.1.1.7) Reference year

2023

#### (5.1.1.8) Timeframes covered

Select all that apply

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 2025 | <input checked="" type="checkbox"/> 2070 |
| <input checked="" type="checkbox"/> 2030 | <input checked="" type="checkbox"/> 2080 |
| <input checked="" type="checkbox"/> 2040 | <input checked="" type="checkbox"/> 2090 |
| <input checked="" type="checkbox"/> 2050 | <input checked="" type="checkbox"/> 2100 |
| <input checked="" type="checkbox"/> 2060 |  |

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Number of ecosystems impacted
- Climate change (one of five drivers of nature change)

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*A Representative Concentration Pathway (RCP) is a greenhouse gas concentration trajectory adopted by the IPCC; labelled after a possible range of radiative forcing values in the year 2100. RCP8.5 and RCP 2.6 represents a radiative forcing value of 8.5 W/m<sup>2</sup> and 2.6W/m<sup>2</sup> in 2100 respectively. RCP2.6 is a strict mitigation scenario aiming to limit global warming to below 1.5C by achieving near-zero or negative greenhouse gas emissions by 2100, whereas RCP8.5 is the worst-case scenario. mainly, temperature change and sea level rise are discussed within these scenarios. RCP2.6 oversees a maximum of 2.3 degrees Celsius temperature rise until 2100 however, RCP8.5 expect the temperature rise to be above 5 degrees Celsius according to the IPCC 5th Assessment Report. Sea level rise is expected to exceed 0.4 meters by 2100 in RPC2.6. RCP8.5 expect a minimum of 0.8 meters of sea level rise by 2100, on the coastal side. These physical outcomes of the scenarios help Enerjisa Enerji to assess its physical risk in different facilities and business activities.*

### (5.1.1.11) Rationale for choice of scenario

*Using the RCP2.6 scenario in Enerjisa's strategy is crucial for resilience against strict climate impacts, aligning with our strategic assumptions and financial planning. This scenario anticipates significant mitigation efforts to limit temperature increases to below 2C, resulting in less severe climate changes such as smaller temperature increases, more stable precipitation patterns, limited sea level rise, and reduced climate migration. This allows us to plan for moderate operational and maintenance costs and fewer disruptions in energy generation. It also highlights opportunities like increased demand for sustainable energy solutions and heightened public focus on climate action, driving revenue growth. By addressing these physical risks and leveraging opportunities, we enhance infrastructure resilience, operational robustness, and market competitiveness, ensuring reliable energy services and sustainable growth amidst climate uncertainties.*

## Climate change

### (5.1.1.1) Scenario used

#### Physical climate scenarios

- RCP 2.6

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

SSP1

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

2.0°C - 2.4°C

### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- ☑ 2025
- ☑ 2030
- ☑ 2040
- ☑ 2050
- ☑ 2060

- ☑ 2070
- ☑ 2080
- ☑ 2090
- ☑ 2100

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- ☑ Changes to the state of nature
- ☑ Number of ecosystems impacted
- ☑ Climate change (one of five drivers of nature change)

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*A Representative Concentration Pathway (RCP) is a greenhouse gas concentration trajectory adopted by the IPCC; labelled after a possible range of radiative forcing values in the year 2100. RCP8.5 and RCP 2.6 represents a radiative forcing value of 8.5 W/m<sup>2</sup> and 2.6W/m<sup>2</sup> in 2100 respectively. RCP2.6 is a strict mitigation scenario aiming to limit global warming to below 1.5C by achieving near-zero or negative greenhouse gas emissions by 2100, whereas RCP8.5 is the worst-case scenario. mainly, temperature change and sea level rise are discussed within these scenarios. RCP2.6 oversees a maximum of 2.3 degrees Celsius temperature rise until 2100 however, RCP8.5 expect the temperature rise to be above 5 degrees Celsius according to the IPCC 5th Assessment Report. Sea level rise is expected to exceed 0.4 meters by 2100 in RPC2.6. RCP8.5 expect a minimum of 0.8 meters of sea level rise by 2100, on the coastal side. These physical outcomes of the scenarios help Enerjisa Enerji to assess its physical risk in different facilities and business activities.*

### (5.1.1.11) Rationale for choice of scenario

*Incorporating the RCP 8.5 scenario into Enerjisa's strategy is crucial for ensuring resilience against extreme climate impacts. This high-emission scenario allows us to prepare for severe outcomes like mass climate migration, rising temperatures, changing precipitation patterns, sea level rise, water stress, wildfires, floods, heat waves, and cold waves. These risks could lead to increased operational and maintenance costs, disruptions in energy generation, and reductions in revenue due to damage to infrastructure and changes in demand patterns. However, the scenario also presents opportunities, such as increased demand for electricity due to higher temperatures, which can drive revenue growth. By addressing these risks and leveraging the opportunities, we enhance our infrastructure resilience and operational robustness, ensuring robust strategic and financial planning amidst climate uncertainties and safeguarding our ability to provide reliable energy services.*

## Water

### (5.1.1.1) Scenario used

#### Physical climate scenarios

RCP 2.6

### (5.1.1.2) Scenario used    SSPs used in conjunction with scenario

Select from:

SSP1

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.0°C - 2.4°C

### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 2025 | <input checked="" type="checkbox"/> 2070 |
| <input checked="" type="checkbox"/> 2030 | <input checked="" type="checkbox"/> 2080 |
| <input checked="" type="checkbox"/> 2040 | <input checked="" type="checkbox"/> 2090 |
| <input checked="" type="checkbox"/> 2050 | <input checked="" type="checkbox"/> 2100 |
| <input checked="" type="checkbox"/> 2060 |  |

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Number of ecosystems impacted
- Climate change (one of five drivers of nature change)

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*A Representative Concentration Pathway (RCP) is a greenhouse gas concentration trajectory adopted by the IPCC; labelled after a possible range of radiative forcing values in the year 2100. RCP8.5 and RCP 2.6 represents a radiative forcing value of 8.5 W/m<sup>2</sup> and 2.6W/m<sup>2</sup> in 2100 respectively. RCP2.6 is a strict mitigation scenario aiming to limit global warming to below 1.5C by achieving near-zero or negative greenhouse gas emissions by 2100, whereas RCP8.5 is the worst-case scenario. mainly, temperature change and sea level rise are discussed within these scenarios. RCP2.6 oversees a maximum of 2.3 degrees Celsius temperature rise until 2100 however, RCP8.5 expect the temperature rise to be above 5 degrees Celsius according to the IPCC 5th Assessment Report. Sea level rise is expected to exceed 0.4 meters by 2100 in RPC2.6. RCP8.5 expect a minimum of 0.8 meters of sea level rise by 2100, on the coastal side. These physical outcomes of the scenarios help Enerjisa Enerji to assess its physical risk in different facilities and business activities.*

### (5.1.1.11) Rationale for choice of scenario

*Using the RCP2.6 scenario in Enerjisa's strategy is crucial for resilience against strict climate impacts, aligning with our strategic assumptions and financial planning. This scenario anticipates significant mitigation efforts to limit temperature increases to below 2C, resulting in less severe climate changes such as smaller temperature increases, more stable precipitation patterns, limited sea level rise, and reduced climate migration. This allows us to plan for moderate operational and maintenance costs and fewer disruptions in energy generation. It also highlights opportunities like increased demand for sustainable energy solutions and heightened public focus on climate action, driving revenue growth. By addressing these physical risks and leveraging opportunities, we enhance infrastructure resilience, operational robustness, and market competitiveness, ensuring reliable energy services and sustainable growth amidst climate uncertainties*

## Water

### (5.1.1.1) Scenario used

#### Water scenarios

- WRI Aqueduct

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical



### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 2025 | <input checked="" type="checkbox"/> 2070 |
| <input checked="" type="checkbox"/> 2030 | <input checked="" type="checkbox"/> 2080 |
| <input checked="" type="checkbox"/> 2040 |  |
| <input checked="" type="checkbox"/> 2050 |  |
| <input checked="" type="checkbox"/> 2060 |  |

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Number of ecosystems impacted
- Climate change (one of five drivers of nature change)

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*As an electricity distribution company, we utilize the WRI Aqueduct Tool and consider the RCP 4.5 and RCP 8.5 scenarios to assess and anticipate potential climate and water-related risks and impacts on our operations. The WRI Aqueduct Tool is a widely recognized and reliable resource that provides valuable insights into water stress levels and water availability in different regions. By using this tool, we can evaluate the existing levels of water stress and anticipate future risks associated with water availability. We specifically consider the years 2030 and 2040 to align our planning with future projections. These time horizons allow us to assess the potential water stress and risks that may arise due to population growth, land use changes, and climate change impacts. By incorporating the WRI Aqueduct Tool into our analysis for these time periods, we can gain a comprehensive understanding of the potential challenges we may face regarding water resources. The RCP (Representative Concentration Pathway) scenarios, specifically RCP 4.5 and RCP 8.5, are commonly used projections that estimate future greenhouse gas concentrations and their impact on climate change. RCP 4.5 assumes a moderate level of greenhouse gas emissions mitigation, aiming to stabilize the radiative forcing at 4.5 Watts per square meter by 2100. On the other hand, RCP 8.5 represents a high-emission pathway with no significant mitigation measures, resulting in a*

higher radiative forcing. These scenarios allow us to understand and plan for different potential climate futures, considering factors such as population growth, land use changes, greenhouse gas emissions, temperature increases, precipitation patterns, and hydrological processes.

#### **(5.1.1.11) Rationale for choice of scenario**

*We recognize the importance of sustainable water management and strive to mitigate the potential impacts on our operations. This includes actively monitoring water stress levels and exploring alternative measures to minimize water usage within our facilities. Additionally, to prepare for potential electricity disruptions caused by severe weather events such as floods, we have implemented preventive measures, including the acquisition of generators and transformers. These measures are aimed at ensuring the continuity of our electricity distribution services during such events and minimizing the impact on our customers. Furthermore, we are dedicated to collaborating with relevant stakeholders to develop innovative solutions that enhance water efficiency and conservation practices. Within the scope of our customer solutions, we provide services such as solar panel installations, waste heat recovery, and HVAC system installations. Considering the outputs of water and climate scenarios, we anticipate an increase in demand for these services. In our long-term strategy, our approach involves prioritizing sustainable practices, investing in water-saving technologies, and advocating responsible water usage. We are committed to enhancing efficiency practices across our organization and minimizing water usage in our direct operations until 2030. To execute commitments, comprehensive investment plans are devised, and KPIs are established to effectively attain our predefined targets.*

[Add row]

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

##### **Climate change**

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

*Select all that apply*

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

#### **(5.1.2.2) Coverage of analysis**

*Select from:*

- Organization-wide

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

*As an electric utilities' companies, we are fully dependent on the energy market and energy commodities. Our scenario analysis focuses on the prices of and demand for such commodities, which are influenced by factors such as national and global politics, policies, current and emerging regulations, innovation, and climate change. Results of NZE2050 scenario shows that, with the increasing population of cities, more intensive and higher capacity distribution utilities will be needed. To-do that, accessing capital and emerging regulations will be necessary for a smoother increase with minimal risks. Results of RCP4.5 and RCP8.5 shows that, with the temperature increases the renewable electricity production processes may be disturbed. This can create an unexpected market irregularity in energy sector. With the new implementations of electricity production, there might also be financial irregularities in the energy sector. Any changes on the end-user energy prices, Enerjisa Enerji would be affecting directly. For instance, electric utility investments will be undergoing major changes through the expansion of carbon pricing mechanisms, which are evolving to become more comprehensive and affect a larger geography. Turkey's ratification of the Paris Agreement, incentives for renewable energy and low-carbon investments in Turkey, growth of carbon offset markets, increasing demand for EVs, are developments we follow up on closely with our analysis in order to determine what type of lobbying activities and investments we should be prioritizing. Scenario analysis informed the decisions of purchases and Enerjisa Enerji has improved its climate strategy with the purchase of E-şarj and took an active role in the EV sector. Description of how the results of scenario analysis have informed at least one decision in relation to target setting and transition planning: Our scenario analysis has significantly influenced our business plan, target setting, and transition planning. For example, by analyzing future energy demand and regulatory changes, we set a target to reduce our Scope 1 and Scope 2 emissions by 30% by 2030 compared to 2021. Additionally, insights from the NZE2050 scenario guided our infrastructure improvements and increased grid efficiencies, ensuring we are well-prepared for a low-carbon future. These analyses also shaped our decision to expand investments in renewable energy and transition to a carbon-neutral business model, thereby aligning our operations with long-term sustainability goals.*

## Water

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

*Select all that apply*

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

### (5.1.2.2) Coverage of analysis

Select from:

Organization-wide

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

*Our analysis utilizing the WRI Aqueduct Tool reveals that our current water stress level is significant, with 73% of areas classified as experiencing extreme and high-water stress. Looking ahead to 2030, the WRI Aqueduct Tool's optimistic, business-as-usual, and pessimistic scenarios project an increase in this percentage to 82%. By 2040, the pessimistic and business-as-usual scenarios suggest a water stress percentage of 95%, while the optimistic scenario indicates a slightly lower value of 82%. As Enerjisa, we solely use water for Water, Sanitation, and Hygiene (WASH) purposes within our operations, and we have no control over the selection of our power source. Taking these factors into consideration, we anticipate potential water-related outcomes, including heightened water stress levels, reduced water availability per capita, and potential challenges in meeting the water demand. In light of these circumstances, it is crucial for us to closely monitor the evolving water stress situation, adapt our strategies to address the challenges posed by climate change and explore innovative approaches to ensure the resilience and sustainability of our operations. Description of how the results of scenario analysis have informed at least one action in relation to target setting and transition planning: Our scenario analysis has influenced our business plan by emphasizing the significance of water management and compelling us to take decisive actions to achieve our water consumption reduction targets. To address this, we've implemented measures to reduce water usage, such as closing underground wells, and discharging wastewater responsibly. Additionally, the installation of aerators and rainwater collection systems further demonstrates our commitment to sustainable water management, informed by insights from our scenario analysis.*

[Fixed row]

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

### (5.2.1) Transition plan

Select from:

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

### (5.2.3) Publicly available climate transition plan

Select from:

Yes

#### **(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion**

Select from:

Yes

#### **(5.2.5) Description of activities included in commitment and implementation of commitment**

*Enerjisa's climate transition plan aligns with its Green Finance Framework's principle of "do no significant harm." While the plan does not commit to halting all spending on and revenue generation from activities contributing to fossil fuel expansion, the Green Finance Framework aligned projects financed by Enerjisa or its subsidiaries will not benefit businesses engaging in activities that contradict green objectives, such as polluting heavy industry and fossil fuels. Instead, Enerjisa focuses on renewable energy alternatives, integrating this commitment into its policies and ensuring transparency through monitoring and reporting. The company actively engages stakeholders, builds capacity for sustainable practices, and leverages green finance instruments to fund environmentally sustainable projects, ensuring a shift towards a low-carbon economy.*

#### **(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan**

Select from:

Our climate transition plan is voted on at Annual General Meetings (AGMs)

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

*Our transition plan hinges on key assumptions and dependencies for success. These include supportive regulatory frameworks encouraging renewable energy adoption and emissions reductions, coupled with the anticipation of significant growth in renewable energy capacity due to declining costs and favorable financing conditions. We prioritize advancements in energy storage technologies to address the intermittent nature of renewables, alongside initiatives to promote widespread electrification of end uses. Additionally, integration of digitalization and smart grid technologies is vital for optimizing grid operations. We aim to foster decentralized energy resources through supportive policies and innovative technologies while increasing public awareness to drive demand for sustainable energy solutions. International collaboration is crucial for accessing expertise, technology transfer, and financing to adapt to evolving trends and technologies*

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

*Our climate transition plan has made significant progress through various actions taken in response to scenario analysis. By improving disaster response capabilities with snow vehicles and drones, we've ensured uninterrupted energy supply during emergencies. Diversifying revenue streams and securing costs related to energy imbalances have strengthened our financial stability amidst the growing share of renewables. At E-şarj, focusing on sustainability and expanding supplier networks*

has reinforced our business model's resilience. Additionally, efforts to build stronger supplier relationships and explore alternative sourcing options have improved our ability to adapt to supply chain challenges. These actions, along with target setting and transition planning, position us well to achieve our long-term sustainability goals.

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

EE-PO-311\_EN\_3 Environmental Policy.pdf

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

Select all that apply

Water

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

Water management is a critical component of our operations at Enerjisa, extending across both upstream value chain considerations and our direct operations. As we do not generate electricity but distribute and sell it, our upstream concerns primarily revolve around the risks associated with hydropower, such as changes in precipitation patterns impacting water availability for hydropower plants. Additionally, we recognize the broader global water scarcity challenges and their potential implications for energy pricing and customer payment capacity. In our direct operations, while our water usage is primarily for domestic purposes and we do not discharge industrial pollutants, we remain committed to responsible water stewardship. Through measures like awareness campaigns, water-saving devices, and rainwater harvesting, we actively work to reduce our water consumption and contribute to broader water conservation efforts.

[Fixed row]

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

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

Select from:

Yes, both strategy and financial planning

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

Select all that apply

- Products and services
- Upstream/downstream value chain
- Investment in R&D
- Operations

[Fixed row]

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

#### **Products and services**

##### **(5.3.1.1) Effect type**

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change

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

*Foreseeing the shift in energy generation towards distributed energy systems, Enerjisa Enerji actively seeks opportunities in sustainable and innovative business areas. These areas include electric vehicle charging stations, electricity storage systems, smart home technologies, green energy, energy efficiency solutions, and systems that help consumers produce their own electricity and reduce their emissions. In 2017, Enerjisa established a separate business line called Customer Solutions to offer the aforementioned sustainable products and services. One of the biggest examples of how climate-related issues affected our strategic decisions regarding products and services we offer was the acquisition of Eşarj, an e-mobility solutions provider, in 2018. Through Eşarj, we provide e-mobility solutions, which consist of public and private charging stations. As of the end of 2023, Eşarj had 1780 charging plugs at 1003 public locations, 1387 of which are fast charging. Renewable electricity is procured for all public Eşarj locations through wind and solar IREC certificates, which enables us to reduce the carbon footprint of our products and services further. Enerjisa Enerji also offers alternative energy products and services, and energy efficiency services to its customers. These solutions include Green Energy Solutions (Carbon Reduction and Renewable Energy Certificates), Energy Efficiency Solutions (ESCO), Cogeneration and Tri-Generation,*

which are growing rapidly as more and more customers are looking to manage their climate-related risks and reduce their environmental impacts. We also provide alternative energy products and services to our customers with solar power plant (SPP) installation services through a performance-based long-term sales model. In 2023, Enerjisa's solar and energy efficiency projects enabled customers to save 30,936 tons of CO2 emissions annually. Additionally, we reached installed capacity of 29.5 MWp of solar PV projects for our customers in 2023. Going forward, Enerjisa aims to increase the revenue generated from Eşarj and Distributed Energy Resources business lines. We aim to increase the capacity of our SPP solutions to 100 MWp at the end of 2025 (from 29.5 MWp in 2023).

## Upstream/downstream value chain

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change

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

In our retail business, electricity purchased and resold accounts for the largest share of our indirect emissions. Thus, we focus on reducing those carbon emissions. We provide Power Purchase Agreements for direct renewable energy sourcing. For the first time in 2020, we signed bilateral agreements (PPA) to supply electricity directly from power plants that generate electricity from renewable energy resources. Doing so, we are also aiming to manage the climate-related risks associated with non-renewable generators in the grid. Enerjisa is working on making PPA contracts for longer terms. Climate change brings opportunities in renewable energy in terms of technology and reducing costs. As the designated network operator in our regions, we contribute to the increase of distributed renewable energy and energy storage technologies. We carry out the investments to address the requests of renewable energy generators to be connected to the distribution grid, contributing to the total increase of renewable generation capacity. In 2023, the capacity of licensed renewable generation connected directly to our grid was 1068,35MW and unlicensed renewable generation was 1623,91 MW. The total of licensed and unlicensed renewable energy generation capacity in our grids in 2023 was 2692,26 MW, a 16% increase YoY. Supply chain management plays a critical role in our grid investments. We have a total of 2,672 suppliers [KT1]including suppliers working on grid infrastructure, construction, repair and maintenance. Approx. 30 of suppliers [KT2]are critical suppliers. All of our supplier network of the distribution is comprised of local suppliers. We expect our suppliers to meet minimum standards of good ESG performance. We carefully select our business partners and monitor their compliance with our principles and policies such as “Enerjisa Supplier Compliance Declaration” and our Environmental Policy. There are regulatory barriers for the supplier selections. We cannot enforce strict selection criteria based on environmental performance due to “Regulations Regarding Purchasing and Sales Criteria for Electricity Distribution Companies.” that is in place to ensure there is a fair competition in the distribution market.



## Investment in R&D

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change

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

*The NAR project (Enerjisa's internal innovation accelerator program) within Enerjisa completed its 9th term in 2023. Every year, projects are proposed and selected based on prioritized topics. For 2023, these topics were: digital energy technologies, AR/VR, smart grids, hardware, IoT, transportation solutions. One of the winning projects was BioMühür, which is the design of bio-based and biodegradable polymer seals with high recycling and reprocessing potential to replace plastic seals purchased for use in electricity meters, metering systems, panels and cells. Another project was the InfAR which is the augmented reality and infrastructure coordination application that enables organizations providing infrastructure services to work together and provides end-to-end solutions to project design processes. Examples of some R&D projects are: National SCADA project for the development of an innovative, internet-based SCADA software that includes basic data collection, monitoring, control and reporting functions that can be used in the electricity and natural gas distribution sectors; E-Mobility Breakthrough project consisting of 3 main components: development of EV projection software (TR-EV-Pro), technical analysis of pilot locations for distribution system challenges, development of roadmap and legislative proposal to support the growth of e-mobility in Türkiye by providing the necessary infrastructure and support for the adoption of electric vehicles with the support of EMRA and the participation of all electricity distribution companies and ELDER; development of a new generation artificial intelligence model-based electricity and gas structural elements damage detection system using satellite images and SAR data in the immediate aftermath of natural disasters; ARMKO project for the development of a hybrid compensation system that will be designed compactly for the first time and with domestic facilities within the scope of smart grids and cities.*

## Operations

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change

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

We operate within the provision of the Regulation on Fluorinated Greenhouse Gases to limit emissions from SF6 gas. In 2020, we started to monitor SF6 more accurately to set better reduction targets, which is on the agenda of our Net Zero Project. In 2023, almost all our purchased electricity were from renewable sources, with the exception of generators that were used during outages (e.g. outages caused by storms) in our distribution zones which accounted for less than 2% of total consumption. Parallel to this, we are also working on reducing our Scope 2 emissions by performing necessary maintenance and repairs on our distribution networks. With this mandate, we will decrease technical losses, increase efficiency and decrease our carbon footprint. Hazardous wastes are generated during maintenance and construction and include contaminated or decommissioned materials and equipment categorized by regulatory authorities. These wastes are stored in accordance with legislations and are disposed of via licensed recycling companies. Enerjisa Enerji built 8 Logistics Services Centers Hazardous Wastes Temporary Storage Areas in various cities in compliance with the legislation for wastes generated by its operations. These centers are equipped with closed, sealed floor and reinforced storage areas with spill kits. Waste is tracked via Mobile Waste Tracking System (MoTAT). For field operations and shipments, the environmental impact of potential incidents is mitigated with spill emergency kits on vehicles. We minimize our logistics related emissions by arranging our shipments to Center Warehouses of Logistics Service Centers based on an optimization model that considers stock levels and demand. We are also replacing our diesel forklifts with electric ones during new purchases.

## Products and services

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Water

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

*In response to environmental risks related to water scarcity and changing precipitation patterns, Enerjisa focuses on offering energy solutions that minimize water usage and environmental impact. This includes promoting energy-efficient appliances and renewable energy sources to customers, reducing reliance on water-intensive energy generation methods like hydropower. Furthermore, Enerjisa explores opportunities to develop innovative products and services that encourage water conservation and sustainability among consumers.*

## Upstream/downstream value chain

### (5.3.1.1) Effect type

*Select all that apply*

- Risks
- Opportunities

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

*Select all that apply*

- Water

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

*Within its upstream value chain, Enerjisa recognizes the importance of water resources in energy production, particularly in hydropower generation. To mitigate risks associated with water scarcity and ensure operational resilience, the company invests in diverse energy sources and conducts thorough assessments of water availability in regions where it operates. Downstream, Enerjisa integrates water management practices into its distribution networks to minimize water consumption and environmental impact, while also ensuring reliable energy supply to customers.*

## Investment in R&D

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Water

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

*Environmental risks related to water scarcity drive Enerjisa's investment in research and development (R&D) initiatives aimed at enhancing water efficiency and developing alternative energy technologies. Through R&D, the company seeks to innovate new solutions for water management in energy production and distribution, as well as explore emerging technologies that reduce water usage and environmental footprint across its operations.*

## Operations

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Water

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

*In its day-to-day operations, Enerjisa implements water management practices to mitigate environmental risks and capitalize on opportunities for sustainable growth. This includes adopting water-saving measures in office buildings and facilities, implementing water recycling and reuse systems where feasible, and adhering to*

*stringent environmental standards to minimize water pollution. By prioritizing sustainable water management in its operations, Enerjisa aims to enhance operational efficiency, reduce costs, and minimize its overall environmental footprint.*

*[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*

- Revenues
- Direct costs
- Indirect costs
- Capital expenditures
- Access to capital

#### **(5.3.2.2) Effect type**

*Select all that apply*

- Risks
- Opportunities

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

*Select all that apply*

- Climate change

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

*Enerjisa Enerji's revenues are directly linked to climate change related developments, such as service interruptions (e.g. due to changing energy mix) and customer demand (e.g. increased demand for A/Cs during hot days) which directly affects our network investments in all our distribution regions. Our main focus in financial plans is to support ICT-backed electrification, facilitate the connection of more distributed and renewable energy resources, and provide uninterrupted electricity supply. We prioritize grid investments to renew and expand our grid parallel to an increasing share of new distributed energy resources and changing regulations that support this growth. Additionally, we prioritize grid investments to become more resilient against climate-related risks such as extreme weather conditions. As the decline in the cost of intermittent renewable generation resources (e.g. solar) and the emergence of electrification of transportation become the critical enabling factors for reducing emissions, the distribution grid becomes more critical. Networks need to be upgraded to address increasing electrification, renewable energy systems, and the growth of EV charging stations. While our business model benefits from increasing grid investments such as connecting new renewable energy projects to the grid, these investments also have a positive impact on national decarbonization efforts. Even though the impact of our customer solutions services is low compared to total revenues, we are aiming to grow the share of this business in revenues as we foresee an increase in demand for more low-carbon solutions due to the climate change awareness and changing regulations. We have investment plans that will mitigate our climate-related risks (e.g., investments in smart grids that stabilize the grid which will become more unstable with an increased reliance on renewable energy resources) and seize new opportunities (e.g., an increase in unlicensed renewable energy capacity and decentralized energy generation means new business for Enerjisa Enerji). Investments like these are expected to increase our revenue directly and indirectly. For instance, from 2022 to 2023, our revenue from E-şarj increased from 56.9M to 166.7M TL. We expect our customer solutions business and Esarj to reach above 4-6 billion TRY annual revenues by 2025 with our current growth projections. We expect to a rise in demand for our customer solutions such as solar PV, CHP, energy efficiency and gree*

## Row 2

### (5.3.2.1) Financial planning elements that have been affected

*Select all that apply*

- Direct costs
- Indirect costs
- Capital expenditures

### (5.3.2.2) Effect type

*Select all that apply*

- Risks
- Opportunities

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

Select all that apply

Water

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

The decrease in water resources and the increasing water stress can impact the cost of water-dependent operations. Challenges in water supply can lead to higher water costs and increased investments required for water efficiency. Furthermore, water-related risks can affect business continuity and potentially result in disruptions and operational delays in electricity distribution activities. For instance, natural disasters like excessive rainfall and flooding can damage power infrastructure and reduce the capacity to serve customers, resulting in customer satisfaction and revenue decline. The planning of CAPEX and OPEX allocations covering 10-28 years is developed with careful consideration of these water-related issues. As Enerjisa, we recognize the significance of sustainable water management and the potential impact it can have on our financial plans. In our yearly CAPEX planning, we allocate resources for projects aimed at improving water performance and resource efficiency. This includes investments in technologies and infrastructure that enable the recovery and reuse of water, as well as the implementation of monitoring systems to track and optimize water usage. By prioritizing these initiatives, we aim to reduce the financial burden associated with water-related challenges, such as rising water costs and the need for increased investment in water efficiency.

[Add row]

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

	Identification of spending/revenue that is aligned with your organization’s climate transition	Methodology or framework used to assess alignment with your organization’s climate transition	Indicate the level at which you identify the alignment of your spending/revenue with a sustainable finance taxonomy
	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> A sustainable finance taxonomy	Select from: <input checked="" type="checkbox"/> At both the organization and activity level

[Fixed row]

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

## Row 1

### (5.4.1.1) Methodology or framework used to assess alignment

Select from:

- A sustainable finance taxonomy

### (5.4.1.2) Taxonomy under which information is being reported

Select from:

- EU Taxonomy for Sustainable Activities

### (5.4.1.3) Objective under which alignment is being reported

Select from:

- Total across climate change mitigation and climate change adaption

### (5.4.1.4) Indicate whether you are reporting eligibility information for the selected objective

Select from:

- Yes

### (5.4.1.5) Financial metric

Select from:

- Revenue/Turnover

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

0

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



0

#### (5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

0

#### (5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

0

#### (5.4.1.10) Percentage share of financial metric that is taxonomy-eligible in the reporting year (%)

38

#### (5.4.1.11) Percentage share of financial metric that is taxonomy non-eligible in the reporting year (%)

62

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

*The Enerjisa Enerji eligibility assessment for EU Taxonomy reporting purposes is performed based on guidance from the EU Taxonomy regulation and the EU Taxonomy Delegated Act for Disclosures. According to this guidance, a Taxonomy-eligible economic activity means an economic activity that is described in the delegated acts irrespective of whether that economic activity meets any or all the technical screening criteria laid down in those delegated acts. An activity is considered aligned if it complies with all technical screening criteria defined in delegated act for a specific economic activity and minimum social safeguards Enerjisa Enerji carried out an eligibility assessment in all organizations and subsidiaries activities. No alignment assessment has been carried out yet.*

[Add row]

#### **(5.4.2) Quantify the percentage share of your spending/revenue that was associated with eligible and aligned activities under the sustainable finance taxonomy in the reporting year.**

##### **Row 1**

#### **(5.4.2.1) Economic activity**

Select from:

- Transmission and distribution of electricity

#### (5.4.2.2) Taxonomy under which information is being reported

Select from:

- EU Taxonomy for Sustainable Activities

#### (5.4.2.3) Taxonomy alignment

Select from:

- Taxonomy-eligible but not aligned

#### (5.4.2.4) Financial metrics

Select all that apply

- CAPEX
- OPEX

#### (5.4.2.17) Taxonomy-eligible but not aligned CAPEX associated with this activity in the reporting year (currency)

1222583000

#### (5.4.2.18) Taxonomy-eligible but not aligned CAPEX associated with this activity as % of total CAPEX in the reporting year

0

#### (5.4.2.24) Taxonomy-eligible but not aligned OPEX associated with this activity in the reporting year (currency)

966277190

#### (5.4.2.25) Taxonomy-eligible but not aligned OPEX associated with this activity as % total OPEX in the reporting year

#### (5.4.2.27) Calculation methodology and supporting information

*Enerjisa Enerji has identified the economic activities of the subsidiaries by; i) screening activities descriptions in the Environmental Delegated Acts to identify if Enerjisa Enerji has activities that meet the activities descriptions; ii) Screening internal reports to identify potential eligible activities; iii) dedicated project team to assess Enerjisa Enerji eligible activities; iv) discussions in the project team of subsidiaries' activities. NACE codes as mentioned in the description of the economic activities in the Delegated Acts have also been considered. The core activities of Enerjisa Enerji are associated with the following NACE codes: i) D35.13 - Distribution of electricity, ii) D35.11 - Production of electricity, iii) F42.22 - Construction of utility projects for electricity and telecommunications. Those core-business activities related to Revenue, CapEx and OpEx had been assessed eligible under climate change mitigation objectives.*

#### (5.4.2.28) Substantial contribution criteria met

Select from:

Yes

#### (5.4.2.29) Details of substantial contribution criteria analysis

*According to EU Taxonomy Regulation, a chosen activity needs to comply with one of the substantial contribution criteria for the chosen eligible activity in order to substantially contribute. Enerjisa Enerji conducted a gap analysis and it shows that Enerjisa Enerji meets 1.(b), 2.(a), 2.(d) and 2.(e) substantial criteria specified for the "CCM 4.9- Transmission and distribution of electricity" activity in EU Taxonomy Regulation.*

#### (5.4.2.30) Do no significant harm requirements met

Select from:

No

#### (5.4.2.31) Details of do no significant harm analysis

*The do not significant harm (DNSH) criteria required to met for "CCM 4.9- Transmission and distribution of electricity" are identified as climate change adaptation, sustainable use of and protection of water and marine resources, transition to circular economy, protection and restoration of biodiversity and ecosystems. According to assessment regarding Enerjisa Enerji's completed, ongoing and planned activities, Enerjisa Enerji does not meet climate change adaptation criteria, and meets transition to circular economy and restoration of biodiversity and ecosystems. Sustainable use and protection of water and marine resources criteria is not valid for Enerjisa Enerji. The final evaluation is that Enerjisa Enerji meets DNSH criteria for CCM 4.9 activity area partially.*

### (5.4.2.32) Minimum safeguards compliance requirements met

Select from:

No

[Add row]

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

	Investment in low-carbon R&D	Comment
	Select from: <input checked="" type="checkbox"/> Yes	N/A

[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:

Pilot demonstration

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

49

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

0

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

56

### (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

*Smart grid integration is part of Enerjisa Energy's R&D strategy. Investing in these R&D studies, which supports the transition to low carbon economy also supports Enerjisa's climate transition plan. Smart grid integration provides its users electricity with less carbon emissions..*

## Row 3

### (5.5.7.1) Technology area

Select from:

Other, please specify :Energy Efficiency

### (5.5.7.2) Stage of development in the reporting year

Select from:

Applied research and development

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

13.6

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

0

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

15.3

**(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**

*Enerjisa Enerji continues its energy efficiency-focused investments to decarbonize its distribution operations and reduce loss/leakage rates in the grids. In order to reduce internal consumption in the Company's buildings and transportation activities, the Company uses equipment with high savings rates and aims to use resources with the lowest loss rate.*

**Row 4**

**(5.5.7.1) Technology area**

Select from:

Other, please specify :Waste Management

**(5.5.7.2) Stage of development in the reporting year**

Select from:

Small scale commercial deployment

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

0.1

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

0

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

0.5

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

*Waste management, which is also included in its sustainability goals, is one of the areas where Enerjisa Enerji can improve to combat climate change. Considering Enerjisa's field of activity, managing electronic waste in a circular manner will support its role as a climate enabler for its stakeholders. Within that scope, Enerjisa started to invest an innovative digital platform to manage its electronic waste in an environmentally friendly manner and in full compliance with the EU Green Deal. Through this platform, the wastes are categorically sorted using visuals or videos with the support of artificial intelligence and the management process can be provided on a single platform by using the recycling facility/refurbisher/technical service and licensed/unlicensed vehicles offered. In addition, the carbon footprint for waste management processes can be determined by calculating the carbon emissions generated during the processing of e-waste through this platform and reporting them in detail.*

[Add row]

**(5.7.1) Break down your total planned CAPEX in your current CAPEX plan for products and services (e.g. smart grids, digitalization, etc.).**

**Row 1**

**(5.7.1.1) Products and services**

Select from:

Energy management services

### (5.7.1.2) Description of product/service

*The CAPEX planned is for the Distribution, Enerjisa Müşteri Çözümleri and E-şarj businesses. This includes products and services provided to customers related to energy efficiency, LED transformation, Solar rooftop, co-generation, EV charging, OSOS, SCADA, grid connection of renewable energy sources etc. investments.*

### (5.7.1.3) CAPEX planned for product/service

9246643487

### (5.7.1.4) Percentage of total CAPEX planned for products and services

38

### (5.7.1.5) End year of CAPEX plan

2025

## Row 2

### (5.7.1.1) Products and services

Select from:

Energy management services

### (5.7.1.2) Description of product/service

*The CAPEX planned is for the Distribution, Enerjisa Müşteri Çözümleri and E-şarj businesses. This includes products and services provided to customers related to energy efficiency, LED transformation, Solar rooftop, co-generation, EV charging, OSOS, SCADA, grid connection of renewable energy sources etc. investments.*

### (5.7.1.3) CAPEX planned for product/service

20506651198

### (5.7.1.4) Percentage of total CAPEX planned for products and services



**(5.7.1.5) End year of CAPEX plan**

2030

[Add row]

**(5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?**

**(5.9.1) Water-related CAPEX (+/- % change)**

358

**(5.9.2) Anticipated forward trend for CAPEX (+/- % change)**

25

**(5.9.3) Water-related OPEX (+/- % change)**

137

**(5.9.4) Anticipated forward trend for OPEX (+/- % change)**

86

**(5.9.5) Please explain**

*OPEX expenses consist of drinking water and mains water expenses. Due to both unit price increases and an increase in usage, there has been a 137% increase in OPEX expenses. We anticipate at least an 86% increase in these expenses for the next year, primarily due to rising unit prices annually. CAPEX expenditures related to water include device rental fees, glass bottle costs, and rainwater harvesting system installation expenses. In 2023, there was a 358% increase in CAPEX*

expenses. The main reasons for the increase in CAPEX is the acquisition of efficiency-enhancing equipment and cost increase in that equipment., including rainwater harvesting systems, as part of our goal to reduce water usage Due to our goal of increasing efficiency practices and the expected increase in service fees for rentals and system installation, we anticipate a minimum 25% increase in CAPEX expenditures next year.

[Fixed row]

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

	Use of internal pricing of environmental externalities	Environmental externality priced
	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Carbon <input checked="" type="checkbox"/> Water

[Fixed row]

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

##### Row 1

##### (5.10.1.1) Type of pricing scheme

Select from:

Implicit price

##### (5.10.1.2) Objectives for implementing internal price

Select all that apply

Drive energy efficiency

- Drive low-carbon investment

### (5.10.1.3) Factors considered when determining the price

Select all that apply

- Alignment to scientific guidance
- Scenario analysis

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

*The implicit carbon price was calculated by dividing the total investments in carbon-reducing initiatives by the total CO2e reductions achieved in the reporting year. This approach provides a retrospective analysis of the cost of emissions abatement. Investments totaling 31,774,626 TRY were made in key initiatives such as office LED transformation, transformer recovery, transformer efficiency, waste oil reuse and hybrid vehicle replacement, which collectively resulted in a reduction of 7.316,2 metric tons of CO2e. The calculated implicit carbon price is 4,343.05 TRY per metric ton of CO2e, representing the capital required to achieve these emissions reductions. This calculation assumes that all investments are directly linked to emissions reductions, the CO2e savings are accurately measured, and no adjustments were made for inflation or future costs. This implicit price serves as a benchmark for evaluating the efficiency of investment in reducing emissions and can be used to guide future internal carbon pricing strategies.*

### (5.10.1.5) Scopes covered

Select all that apply

- Scope 1
- Scope 2
- Scope 3, Category 5 - Waste generated in operations

### (5.10.1.6) Pricing approach used – spatial variance

Select from:

- Uniform

### (5.10.1.8) Pricing approach used – temporal variance

Select from:

Static

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

4343.05

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

4343.05

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

*Select all that apply*

Risk management

Opportunity management

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

*Select from:*

No

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

5

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

*Select from:*

Yes

**(5.10.1.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives**

The pricing approach is monitored and evaluated through regular tracking of the financial investments made in emissions-reducing initiatives and the corresponding CO2e reductions achieved. Enerjisa assesses the effectiveness of these investments by comparing the actual reductions in emissions with the expected outcomes for each initiative, ensuring that the implicit carbon price remains a relevant benchmark for future projects. This evaluation process includes periodic reviews of project performance, monitoring the payback period, and analyzing the lifetime CO2e savings against the initial investment. Additionally, Enerjisa benchmarks the calculated implicit carbon price against industry standards and market-based carbon prices to ensure alignment with global decarbonization efforts. This systematic evaluation helps the organization refine its carbon pricing strategy, guiding future investment decisions to achieve its emissions reduction goals in the most cost-effective manner.

[Add row]

## **(5.10.2) Provide details of your organization's internal price on water.**

### **Row 1**

#### **(5.10.2.1) Type of pricing scheme**

Select from:

- Implicit price

#### **(5.10.2.2) Objectives for implementing internal price**

Select all that apply

- Conduct cost-benefit analysis
- Drive water efficiency

#### **(5.10.2.3) Factors beyond current market price are considered in the price**

Select from:

- Yes

#### **(5.10.2.4) Factors considered when determining the price**

Select all that apply

- Alignment to scientific guidance
- Scenario analysis

#### (5.10.2.5) Calculation methodology and assumptions made in determining the price

*The implicit water price was calculated by dividing the total investment in water-saving initiatives by the total reduction in water consumption achieved during 2023. Enerjisa's total investment in these initiatives amounted to 2,784,277.71 TRY, which includes 2,444,977.71 TRY for the rental of purified water dispensers, 53,000 TRY for sensor-operated faucets, and 286,300 TRY for aerator installations. These efforts resulted in a total water reduction of 137.38 m<sup>3</sup>. The calculated implicit water price is therefore 20.26 TRY per m<sup>3</sup>. This price reflects the cost required to reduce water consumption, helping to benchmark the efficiency of water-saving investments and guide future decisions on water resource management.*

#### (5.10.2.6) Stages of the value chain covered

*Select all that apply*

- Direct operations

#### (5.10.2.7) Pricing approach used – spatial variance

*Select from:*

- Uniform

#### (5.10.2.9) Pricing approach used – temporal variance

*Select from:*

- Static

#### (5.10.2.11) Minimum actual price used (currency per cubic meter)

20.26

#### (5.10.2.12) Maximum actual price used (currency per cubic meter)

20.26

### (5.10.2.13) Business decision-making processes the internal water price is applied to

Select all that apply

- Risk management
- Opportunity management

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

Select from:

- No

### (5.10.2.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:

- Yes

### (5.10.2.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives

*The pricing approach for water efficiency at Enerjisa is monitored and evaluated through regular tracking of both investments and water savings. Each water-saving initiative, such as the installation of aerators, sensor-operated faucets, and water dispensers, is evaluated by comparing the total investment with the actual reduction in water consumption. This allows Enerjisa to measure the cost-effectiveness of each initiative. The monitoring process includes periodic assessments of water usage data across facilities and comparing it against the anticipated savings. Additionally, any deviations from expected results are analyzed to improve future investment decisions. The implicit water price of 20.26 TRY per m<sup>3</sup> serves as a benchmark to guide future water efficiency projects, ensuring that water-saving measures continue to align with Enerjisa's overall sustainability objectives and provide a return on investment.*

[Add row]

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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Customers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Investors and shareholders	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Other value chain stakeholders	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Water

[Fixed row]

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

#### Climate change

##### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

Yes, we assess the dependencies and/or impacts of our suppliers



### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

- Contribution to supplier-related Scope 3 emissions

### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

- 100%

### (5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

*Purchasing limits are set as thresholds. Suppliers of TL 47000 and above are classified as suppliers with significant dependencies and/or impacts on the environment.*

### (5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:

- 1-25%

### (5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

785

## Water

### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

- Yes, we assess the dependencies and/or impacts of our suppliers

### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

- Basin/landscape condition
- Contribution to supplier-related Scope 3 emissions
- Dependence on water
- Impact on water availability

### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

- 100%

### (5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

*Purchasing limits are set as thresholds. Suppliers of TL 47000 and above are classified as suppliers with significant dependencies and/or impacts on the environment.*

### (5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:

- 1-25%

### (5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

785

[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

- In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to climate change
- Business risk mitigation
- Procurement spend
- Regulatory compliance

### (5.11.2.4) Please explain

*Emission data from suppliers operating in categories determined as emission sources by the GHG Protocol, ISO 14064 etc. are requested in Enerjisa Enerji corporate carbon footprint calculation processes and those data are taken into account as a criterion for supplier assessment and performance management*

## Water

### (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

- In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to water

#### (5.11.2.4) Please explain

Enerjisa Enerji suppliers are expected to monitor water consumption amounts and perform periodic water analyses in accordance with the national legislation, and these data are taken into account as criteria in supplier assessment and performance management

[Fixed row]

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

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

[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:*

Compliance with an environmental certification, please specify :ISO 14001

### **(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement**

*Select all that apply*

Certification

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

*Select from:*

100%

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

*Select from:*

76-99%

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

*Select from:*

100%

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

*Select from:*

100%

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

*Select from:*

Retain and engage

#### (5.11.6.10) % of non-compliant suppliers engaged

Select from:

26-50%

#### (5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

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

#### (5.11.6.12) Comment

N/A

### Water

#### (5.11.6.1) Environmental requirement

Select from:

Compliance with an environmental certification, please specify :ISO 14001

#### (5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

Certification

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

Select from:

100%

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

Select from:

76-99%

**(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement**

Select from:

100%

**(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement**

Select from:

76-99%

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

Select from:

Retain and engage

**(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

26-50%

**(5.11.6.11) Procedures to engage non-compliant suppliers**

Select all that apply

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

**(5.11.6.12) Comment**

N/A

[Add row]

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

#### **Climate change**

##### **(5.11.7.2) Action driven by supplier engagement**

Select from:

- Adaptation to climate change

##### **(5.11.7.3) Type and details of engagement**

###### **Capacity building**

- Provide training, support and best practices on how to mitigate environmental impact

##### **(5.11.7.4) Upstream value chain coverage**

Select all that apply

- Tier 1 suppliers
- Tier 2 suppliers

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

Select from:

- 76-99%

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

Select from:



26-50%

#### **(5.11.7.8) Number of tier 2+ suppliers engaged**

20

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

*Enerjisa Enerji subjects its suppliers to environmental, social and governance assessments during the selection process and throughout their cooperation. A critical supplier list is created by taking into account the results of financial and non-financial evaluations of suppliers. With the vision that all accessible suppliers, especially those on the critical supplier list, share the same common goals with Enerjisa Enerji on environmental, social and governance issues, supplier engagement-oriented activities are organized in the form of training, technical support and presentation of best practice examples on how to reduce their impacts. As it has become a global crisis and its impacts are increasing, adaptation to climate change has become an important part of the impact assessment and improvement efforts. Suppliers' management of their operations in a way that is compatible with climate change impacts and reduces their environmental impacts has a significant impact on Enerjisa Enerji's decarbonization strategy in the supply chain and its performance in achieving its corporate sustainability goals.*

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

Select from:

Yes, please specify the environmental requirement :Pollution Control, Energy efficiency

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

Select from:

Yes

## **Water**

#### **(5.11.7.2) Action driven by supplier engagement**

Select from:

Adaptation to climate change

### (5.11.7.3) Type and details of engagement

#### Capacity building

- Provide training, support and best practices on how to mitigate environmental impact

### (5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers
- Tier 2 suppliers

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

Select from:

- 76-99%

### (5.11.7.7) % tier 1 suppliers with substantive impacts and/or dependencies related to this environmental issue covered by engagement

Select from:

- 26-50%

### (5.11.7.8) Number of tier 2+ suppliers engaged

20

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

*Enerjisa Enerji aims to provide its employees with a clean and safe working environment, as well as ensuring the availability of clean drinking water sources and appropriate sanitary conditions for its customers. The company provides drinking water service through purified water dispensers in certain units. When purchasing water purification devices, one of the requirements that the supplier is expected to comply with, as stated in the technical specifications, is to conduct chemical and microbiological analyses by taking at least one sample from three different regions (Istanbul Anatolian Side, Ankara, Adana) free of charge, in maximum 6-month*

intervals. These analyses should be performed in a laboratory accredited by Turkish Accreditation Agency (TURKAK), and the analysis results should be shared with Enerjisa Administrative Affairs. i) The beneficial outcomes of the participation activity related to water: Evaluating the water quality of water dispensers has several advantages. Firstly, it ensures that employees and customers have access to clean, pure, and safe drinking water, leading to increased satisfaction among both groups and a greater preference for using water dispensers. Moreover, assessing water quality serves as a benchmark for evaluating the performance of water dispensers. It offers valuable feedback on the efficiency of filters, the effectiveness of water treatment methods, and the overall functionality of the device, enabling necessary enhancements to be made. ii) Success criterion: The supplier's compliance with the requirements stated in the Regulation on Waters Intended for Human Consumption, obtaining compliant results in quality analyses for nitrite, pH, ammonium, aluminum, iron determinations, and absence of bacteria such as Escherichia coli, Fecal Enterococci, and Coliform Bacteria in water and positive feedback from employees regarding the quality of drinking water is a measure indicating the supplier's success. Furthermore, this interaction ensures that our company fulfills the commitment of "working in full compliance with the water-specific national/international legislations that we are liable for," as included in our water policy.

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

Select from:

Yes, please specify the environmental requirement :Pollution Control, Energy efficiency,Water Saving

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

Select from:

Yes

[Add row]

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

#### **Climate change**

##### **(5.11.9.1) Type of stakeholder**

Select from:

Investors and shareholders

##### **(5.11.9.2) Type and details of engagement**

## Education/Information sharing

- Share information on environmental initiatives, progress and achievements

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 100%

### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- Less than 1%

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

*Enerjisa prioritized its environmental, social and governance impacts with the aim of becoming an impact-oriented business by taking into account the views of all stakeholders, including investors and shareholders. Enerjisa has adopted all of the UN Sustainable Development Goals (SDGs), set targets and designed its roadmap. The Company publicly shares developments and performance metrics on resource and energy efficiency and other initiatives to reduce the corporate ecological footprint with investors and shareholders through corporate reports and its website. In line with our sustainability strategy, we encourage all our stakeholders to carry out their activities in an environmentally sensitive manner and we carefully evaluate opportunities for cooperation*

### (5.11.9.6) Effect of engagement and measures of success

*The beneficial outcomes of climate-related engagement activities are as follows: Through our awareness-raising and sensitization efforts, we evaluate both our own activities and examples of good practices to encourage our stakeholders to act responsibly in their resource consumption, waste management activities and decarbonization efforts. In this way, we identify points of reduction in our emissions through resource saving and decarbonization initiatives. As a company, we therefore represent an important step towards achieving our sustainability goals and contribute to broader efforts to conserve resources. With the active participation of our investors and shareholders, we evaluate the successful results of our activities in this area together and value their support and evaluation in our new investment decisions. Success Criteria: Implementation of company-wide decarbonization, circularity and resource efficiency measures, as well as increased awareness and positive behavioral changes among stakeholders through such campaigns/interactions facilitated achievement of reduction targets.*

## Water

### (5.11.9.1) Type of stakeholder

Select from:

- Investors and shareholders

### (5.11.9.2) Type and details of engagement

#### Education/Information sharing

- Share information on environmental initiatives, progress and achievements

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 100%

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

*Enerjisa prioritized its environmental, social and governance impacts with the aim of becoming an impact-oriented business by taking into account the views of all stakeholders, including investors and shareholders. Enerjisa has adopted all of the UN Sustainable Development Goals (SDGs), set targets and designed its roadmap. The Company publicly shares developments and performance metrics on resource and energy efficiency and other initiatives to reduce the corporate ecological footprint with investors and shareholders through corporate reports and its website. In line with our sustainability strategy, we encourage all our stakeholders to carry out their activities in an environmentally sensitive manner and we carefully evaluate opportunities for cooperation.*

### (5.11.9.6) Effect of engagement and measures of success

*The beneficial outcomes of water-related engagement activity are as follows: Through our awareness-raising and sensitization efforts, we evaluate both our own activities and examples of good practices to encourage our stakeholders to act responsibly in water use and adopt more efficient water management practices. This leads to a significant reduction in water use through water conservation and effective water resources management. As a company, we therefore represent an important step towards achieving our sustainability goals and contribute to broader efforts to conserve water resources. With the active participation of our investors and shareholders, we value their support and evaluation in our new investment decisions by evaluating the successful outcomes of our activities in this area together. Success Criteria: In addition to the implementation of company-wide efficiency measures, increased awareness and positive behavioral changes among stakeholders through such campaigns/interactions facilitated the achievement of reduction targets.*

## Climate change

### (5.11.9.1) Type of stakeholder

Select from:

- Customers

### (5.11.9.2) Type and details of engagement

#### Innovation and collaboration

- Run a campaign to encourage innovation to reduce environmental impacts

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 100%

### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- 76-99%

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

*Our focus is to provide our customers with sustainable and innovative solutions via our customer solutions business line. In this regard, end-to-end solutions aimed at increasing the energy efficiency of corporate customers and reducing their carbon emissions were restructured under the roof of Energy of My Business in October 2020. This portfolio includes many environmentally friendly and sustainable energy solutions, ranging from solar power plant installation services, energy efficiency applications, cogeneration and trigeneration applications to electric vehicle charging station management and green energy certification.*

### (5.11.9.6) Effect of engagement and measures of success

*Impact of engagement: We aim to create a national network of stations and an operating system of charging stations to offer nationwide charging solutions with a wide range of products for our customers and contribute to the infrastructure in Türkiye. In order to educate the public and promote the use of these sustainable energy solutions, we also have information sessions and presentations about them at universities, public institutions, associations as well as industrial zones. With presentations and training, users are also confidently turning to electric vehicles. Thus, the end user's preferences are starting to include low-carbon options as well. Its success is followed as an increase in EV users and E-charging stations. Especially during the pandemic, these events were usually broadcasted online to increase the extent of reach. Threshold & measure of success: Through EŞARJ, we provide e-mobility solutions which consist of both private and public charging stations Enerjisa had 788 charging points in 422 public locations, of which 520 are fast charging sockets in 2022. The values have reached up to 1780 charging plugs at 1003 public locations by the end of 2023, including 1387 fast-plugs. All of the values have approximately double since 2021. Therefore, the measure of success is increasing these numbers and keeping the direction of change positive by at least 50% is threshold for the success.*

## Water

### (5.11.9.1) Type of stakeholder

Select from:

Customers

### (5.11.9.2) Type and details of engagement

#### Innovation and collaboration

Run a campaign to encourage innovation to reduce environmental impacts

### (5.11.9.3) % of stakeholder type engaged

Select from:

100%

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

*Enerjisa has prioritized its environmental, social, and governance impacts, with the ultimate aim of transforming into an impact-focused business by recognizing the insights of all its stakeholders including customers. We set targets and designed our roadmap acknowledging all UN Sustainable Development Goals (SDGs). We carry out projects to increase our and our stakeholder's water performance and resource efficiency by focusing on the recovery and reuse of water and improving the monitoring systems. In line with our sustainability strategy, we encourage our customers to perform their activities in an environmentally responsible manner.*

### (5.11.9.6) Effect of engagement and measures of success

*The beneficial outcomes of the participation activity related to water are as follows: The efforts of raising awareness and creating consciousness encourage our stakeholders to act responsibly in their water usage and adopt more efficient water management practices. This leads to a significant reduction in water usage through water conservation and effective water resource management. Therefore, it represents a crucial step towards achieving our sustainability goals as a company and contributes to broader efforts in conserving water resources. Success Criterion: In addition to the implementation of company-wide efficiency measures, the heightened awareness and positive behavioural changes among stakeholders through such campaigns/engagements have facilitated the achievement of the reduction targets.*

## Water

### (5.11.9.1) Type of stakeholder

Select from:

- Other value chain stakeholder, please specify :Employees

### (5.11.9.2) Type and details of engagement

#### Education/Information sharing

- Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 76-99%

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

*Enerjisa has prioritized its environmental, social, and governance impacts, with the ultimate aim of transforming into an impact-focused business by recognizing the insights of all its stakeholders. We set targets and designed our roadmap acknowledging all UN Sustainable Development Goals (SDGs). A Sustainability Framework was established in 2022, which includes targets to reduce the environmental impact of operations. In order to achieve the targets in this framework, we carry out projects to increase our water performance and resource efficiency by focusing on the recovery and reuse of water and improving the monitoring systems. In line with our sustainability strategy, we encourage all our stakeholders, especially our employees, suppliers and business partners, to perform their activities in an*



environmentally responsible manner. As part of our efforts to raise awareness and foster consciousness among our employees, we share contents on resource utilization, including water, through our IKON application.

#### **(5.11.9.6) Effect of engagement and measures of success**

*The beneficial outcomes of the participation activity related to water are as follows: The efforts of raising awareness and creating consciousness encourage our stakeholders to act responsibly in their water usage and adopt more efficient water management practices. This leads to a significant reduction in water usage through water conservation and effective water resource management. Therefore, it represents a crucial step towards achieving our sustainability goals as a company and contributes to broader efforts in conserving water resources. Success Criterion: In addition to the implementation of company-wide efficiency measures, the heightened awareness and positive behavioral changes among stakeholders including employees through such campaigns/engagements have facilitated the achievement of the reduction targets.*

*[Add row]*

## C6. Environmental Performance - Consolidation Approach

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

#### Climate change

##### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Enerjisa Enerji uses operational control approach to calculate and consolidate its environmental performance data. It includes all facilities and operations where it can implement its corporate policies. Enerjisa Enerji's Environmental Management System (EMS) standardizes data collection from significant impact sources like energy use, water consumption, waste generation, and GHG emissions for all business units. EMS enables collection, normalization, and monitoring of those data to closely measure their own environmental performance for all business units. Enerji Enerji consolidates all collected data and processes them to make suitable for verification, aligning them reporting with GRI Standards and CDP requirements. This systematic approach guarantees accurate, reliable, and transparent reporting, reinforcing Enerjisa Enerji's commitment to sustainability and being a climate enabler for its stakeholders.*

#### Water

##### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Enerjisa Enerji uses operational control approach to calculate and consolidate its environmental performance data. It includes all facilities and operations where it can implement its corporate policies. Enerjisa Enerji's Environmental Management System (EMS) standardizes data collection from significant impact sources like energy use, water consumption, waste generation, and GHG emissions for all business units. EMS enables collection, normalization, and monitoring of those data to closely*

Genele Açık

*measure their own environmental performance for all business units. Enerji Enerji consolidates all collected data and processes them to make suitable for verification, aligning them reporting with GRI Standards and CDP requirements. This systematic approach guarantees accurate, reliable, and transparent reporting, reinforcing Enerjisa Enerji's commitment to sustainability and being a climate enabler for its stakeholders.*

*[Fixed row]*

## C7. Environmental performance - Climate Change

(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?
	<i>Select all that apply</i> <input checked="" type="checkbox"/> No

[Fixed row]

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

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
	<i>Select all that apply</i> <input checked="" type="checkbox"/> Yes, a change in methodology	<i>Emissions methodology for Scope 3 Category 3 fuel and energy related emissions has been updated. Also, emission factors has been updated.</i>

[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
	<i>Select from:</i> <input checked="" type="checkbox"/> No, because the operations acquired or divested did not exist in the base year	N/A	<i>Select from:</i> <input checked="" type="checkbox"/> Yes

[Fixed row]

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

	Scope 2, location-based	Scope 2, market-based	Comment
	<i>Select from:</i> <input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure	<i>Select from:</i> <input checked="" type="checkbox"/> We are reporting a Scope 2, market-based figure	N/A

[Fixed row]

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

**Scope 1**

### **(7.5.1) Base year end**

12/31/2021

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

59952.0

### **(7.5.3) Methodological details**

*Emissions from scope 1 includes mobile and stationary combustions, fugitive emissions. This category calculated with IPCC 5th AR.*

## **Scope 2 (location-based)**

### **(7.5.1) Base year end**

12/31/2021

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

1941624

### **(7.5.3) Methodological details**

*Emissions from T&L and office consumptions are included in this category*

## **Scope 2 (market-based)**

### **(7.5.1) Base year end**

12/31/2021

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

1933604.0

### (7.5.3) Methodological details

*Emissions from T&D and office consumptions are included in this category (includes IREC)*

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

#### (7.5.1) Base year end

12/31/2021

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

1502.0

### (7.5.3) Methodological details

*Emissions from purchased goods and services includes purchased paper and plastics which are trackable by weight. The activity data gathered from Enerjisa internal systems and consolidated by Enerjisa Teams. Purchased material weight multiplied by relevant DEFRA emissions factor. Global warming potentials are taken from IPCC 5th Assessment Report.*

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

#### (7.5.1) Base year end

12/31/2021

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

19070418.1

### (7.5.3) Methodological details

*Emissions from fuel- and energy-related activities include well-to-tank emissions of purchased fuels and emissions from electricity sold and distributed to customers. Well-to-tank emissions are calculated by fuel consumption with DEFRA emission factors. This category's calculation methodology has been updated and in line with that, the emission calculations for 2021, our base year, has been recalculated and restated.*

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

#### **(7.5.1) Base year end**

12/31/2021

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

137.4

#### **(7.5.3) Methodological details**

*While minor, Enerjisa monitors waste generated and disposed of in its operations (daily office needs). The activity data has been gathered from the reports that were submitted to Ministry of Environment, Urbanization and Climate Change. This category also includes the waste water treatment emissions. The activity data has been calculated in line with CDP Water Security module responds. DEFRA emission factors used in calculations. Global warming potentials are taken from IPCC 5th Assessment Report.*

### **Scope 3 category 6: Business travel**

#### **(7.5.1) Base year end**

12/31/2021

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

175.0

#### **(7.5.3) Methodological details**



*Includes taxi, flights and hotel stays. Activity data gathered from suppliers and Enerjisa's internal systems. Calculations are based on CO2 per km for transportations and amount of nights for hotel stays. Emission factors from Defra and IPCC are utilized.*

### Scope 3 category 7: Employee commuting

#### (7.5.1) Base year end

12/31/2021

#### (7.5.2) Base year emissions (metric tons CO2e)

153.5

#### (7.5.3) Methodological details

*Employees are provided by ring buses for their commutes. We obtain this service from the suppliers and receive the route data from them. Total km route data is then mult iplied by the emission factor from ICCT, as per km. Global warming potentials are taken from IPCC 5th Assessment Report.*

*[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)	Methodological details
Reporting year	48554	<i>Emissions from scope 1 includes mobile and stationary combustions, fugitive emissions. This category calculated with IPCC 6th AR.</i>

*[Fixed row]*

### (7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

	Gross global Scope 2, location-based emissions (metric tons CO2e)	Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)	Methodological details
Reporting year	1708447	1700774	Emissions from T&D and office consumptions are included in this category (includes IREC for market based)

[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)

208.32

#### (7.8.3) Emissions calculation methodology

Select all that apply

Average data method

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

100

#### (7.8.5) Please explain

Emissions from purchased goods and services includes purchased paper and plastics which are trackable by weight. The activity data gathered from Enerjisa internal systems and consolidated by Enerjisa Teams. Purchased material weight multiplied by relevant DEFRA emissions factor. Global warming potentials are taken from IPCC 6th Assessment Report.

## Capital goods

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

There are no emissions from capital goods that are relevant from our operations as a distribution and retail company.

## 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 CO<sub>2</sub>e)

19295313.24

### (7.8.3) Emissions calculation methodology

Select all that apply

Average data method

Fuel-based method

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

**(7.8.5) Please explain**

*Emissions from fuel- and energy-related activities include well-to-tank emissions of purchased fuels and emissions from electricity sold and distributed to customers. Well-to-tank emissions are calculated by fuel consumption with DEFRA emission factors. This category's calculation methodology has been updated*

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

Select from:

Relevant, not yet calculated

**(7.8.5) Please explain**

*This category was calculated in the base year. This year, waste disposal transportation emissions has been moved to the waste generated in operations category.*

**Waste generated in operations****(7.8.1) Evaluation status**

Select from:

Relevant, calculated

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

261.65

**(7.8.3) Emissions calculation methodology**

Select all that apply

Waste-type-specific method

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

100

#### (7.8.5) Please explain

*While minor, Enerjisa monitors waste generated and disposed of in its operations (daily office needs). The activity data has been gathered from the reports that were submitted to Ministry of Environment, Urbanization and Climate Change. This category also includes the waste water treatment emissions. The activity data has been calculated in line with CDP Water Security module responds. DEFRA emission factors used in calculations. Global warming potentials are taken from IPCC 6th Assessment Report.*

### Business travel

#### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

1995

#### (7.8.3) Emissions calculation methodology

Select all that apply

Distance-based method

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

100

#### (7.8.5) Please explain

*Includes taxi, flights and hotel stays. Activity data gathered from suppliers and Enerjisa's internal systems. Calculations are based on CO2 per km for transportations and amount of nights for hotel stays. Emission factors from Defra and IPCC are utilized.*

## **Employee commuting**

### **(7.8.1) Evaluation status**

*Select from:*

Relevant, calculated

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

228.85

### **(7.8.3) Emissions calculation methodology**

*Select all that apply*

Distance-based method

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

100

### **(7.8.5) Please explain**

*Employees are provided by ring buses for their commutes. We obtain this service from the suppliers and receive the route data from them. Total km route data is then mult iplied by the emission factor from ICCT, as per km. Global warming potentials are taken from IPCC 6th Assessment Report.*

## **Upstream leased assets**

### **(7.8.1) Evaluation status**

*Select from:*

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Downstream transportation and distribution

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Processing of sold products

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Use of sold products

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## End of life treatment of sold products

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Downstream leased assets

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Franchises

### (7.8.1) Evaluation status

Select from:



Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Investments

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Other (upstream)

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*This category is not relevant for Enerjisa Enerji activities.*

## Other (downstream)

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### **(7.8.5) Please explain**

*This category is not relevant for Enerjisa Enerji activities.  
[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**

12/30/2022

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

175.2

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

18658469.3

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

223.87

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

1096.28

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

223.71

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

848.51

### (7.8.1.19) Comment

*“The reason for this change in 2022 is due to identification of renewable resources that are in compliance with the GHG Protocol and at a scale that can be removed from the inventory in the Scope 3 related target studies.”*

*[Fixed row]*

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

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

*[Fixed row]*

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

## Row 1

### (7.9.1.1) Verification or assurance cycle in place

Select from:

Annual process

### (7.9.1.2) Status in the current reporting year

Select from:

Complete

### (7.9.1.3) Type of verification or assurance

Select from:

Limited assurance

### (7.9.1.4) Attach the statement

*Enerjisa Enerji CDP CC Assurance Report\_2024\_R.pdf*

### (7.9.1.5) Page/section reference

*Page 4/ Appendix 1 C6 Emissions Table*

### (7.9.1.6) Relevant standard

Select from:

ISAE 3410

### (7.9.1.7) Proportion of reported emissions verified (%)

100

[Add row]

**(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.**

**Row 1**

**(7.9.2.1) Scope 2 approach**

Select from:

Scope 2 market-based

**(7.9.2.2) Verification or assurance cycle in place**

Select from:

Annual process

**(7.9.2.3) Status in the current reporting year**

Select from:

Complete

**(7.9.2.4) Type of verification or assurance**

Select from:

Limited assurance

**(7.9.2.5) Attach the statement**

*Enerjisa Enerji CDP CC Assurance Report\_2024\_R.pdf*

**(7.9.2.6) Page/ section reference**

### (7.9.2.7) Relevant standard

Select from:

- ISAE 3410

### (7.9.2.8) Proportion of reported emissions verified (%)

100

[Add row]

**(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.**

#### Row 1

### (7.9.3.1) Scope 3 category

Select all that apply

- Scope 3: Purchased goods and services
- Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
- Scope 3: Waste generated in operations
- Scope 3: Business travel
- Scope 3: Employee commuting

### (7.9.3.2) Verification or assurance cycle in place

Select from:

- Annual process

### (7.9.3.3) Status in the current reporting year

Select from:

Complete

### (7.9.3.4) Type of verification or assurance

Select from:

Limited assurance

### (7.9.3.5) Attach the statement

*Enerjisa Enerji CDP CC Assurance Report\_2024\_R.pdf*

### (7.9.3.6) Page/section reference

*Page 4/ Appendix 1 C6 Emissions Table*

### (7.9.3.7) Relevant standard

Select from:

ISAE 3410

### (7.9.3.8) Proportion of reported emissions verified (%)

100

[Add row]

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

**Change in renewable energy consumption**

### (7.10.1.1) Change in emissions (metric tons CO2e)

0.167

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.0001

### (7.10.1.4) Please explain calculation

*The share of renewable energy in the amount of electricity consumed during Enerjisa Enerji operations decreased in 2023 compared to 2022. This decrease caused an increase of 0.167 Tco2 in emissions in 2023 compared to 2022. The percentage of this amount in total Scope 1 & 2 emissions in 2023 is 0.0001%.*

## Other emissions reduction activities

### (7.10.1.1) Change in emissions (metric tons CO2e)

0.984

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.0009



#### (7.10.1.4) Please explain calculation

Ensuring emission reduction by replacing company vehicles with electric and hybrid vehicles is one of the items followed by Enerjisa Enerji within the Scope 1&2 emissions reduction strategy. In 2023, there was an increase

#### Change in output

#### (7.10.1.1) Change in emissions (metric tons CO2e)

113356

#### (7.10.1.2) Direction of change in emissions

Select from:

Increased

#### (7.10.1.3) Emissions value (percentage)

6.93

#### (7.10.1.4) Please explain calculation

Enerjisa Enerji continues its initiatives to reduce energy losses during distribution. The amount of electricity sold, which directly affects Scope-2 emissions, and annual average T&L ratios increased in 2023 compared to 2022. On the other hand, Turkey's grid emission factor decreases slightly in 2023 (from 0.4400 to 0.4390) due to increased renewable electricity generation. The total emissions increase resulting from all these is 113,356 tCO2eq. Total scope 1 and 2 emissions in 2022 are 1,635,972 tCO2eq. The rate of 6.93% is calculated as follows:  $113.356 / 1.635.972 \times 100 = 6.93\%$   
[Fixed row]

#### (7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

#### Row 1

### (7.15.1.1) Greenhouse gas

Select from:

CO2

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

35156.178

### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

## Row 2

### (7.15.1.1) Greenhouse gas

Select from:

CH4

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

84.063

### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

## Row 3

### (7.15.1.1) Greenhouse gas

Select from:

N2O

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

472.836

### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

## Row 4

### (7.15.1.1) Greenhouse gas

Select from:

HFCs

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

741.206

### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

## Row 5

### (7.15.1.1) Greenhouse gas

Select from:

SF6

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

12099.243

### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

## (7.15.3) Break down your total gross global Scope 1 emissions from electric utilities value chain activities by greenhouse gas type.

### Fugitives

#### (7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

741.206

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

0

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

12099.243

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

12840.45

**(7.15.3.5) Comment**

.

**Combustion (Electric utilities)**

**(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)**

35156.178

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

3.013

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

0

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

35713.179

**(7.15.3.5) Comment**

.

**Combustion (Gas utilities)**

**(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)**

0

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

0

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

0

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

0

**(7.15.3.5) Comment**

N/A

**Combustion (Other)**

**(7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)**

0

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

0

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

0

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

0

**(7.15.3.5) Comment**

N/A

## Emissions not elsewhere classified

### (7.15.3.1) Gross Scope 1 CO2 emissions (metric tons CO2)

0

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

0

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

0

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

0

### (7.15.3.5) Comment

N/A

[Fixed row]

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

	Scope 1 emissions (metric tons CO2e)
Turkey	48556.63

[Fixed row]

**(7.17.1) Break down your total gross global Scope 1 emissions by business division.**

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	<i>Electricity distribution</i>	47156.36
Row 2	<i>Retail Electricity Sales</i>	1397.27

[Add row]

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

	Gross Scope 1 emissions, metric tons CO2e	Comment
Electric utility activities	48553.63	N/A



[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)**

48553.63

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

1708446.89

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

1700774.27

**(7.22.4) Please explain**

All Consolidated

**All other entities**

**(7.22.1) Scope 1 emissions (metric tons CO2e)**

0

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

0

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

0

### (7.22.4) Please explain

*Not Relevant*  
*[Fixed 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: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired heat	Select from: <input checked="" type="checkbox"/> No
Consumption of purchased or acquired steam	Select from: <input checked="" type="checkbox"/> No
Consumption of purchased or acquired cooling	Select from: <input checked="" type="checkbox"/> No
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

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

**Consumption of fuel (excluding feedstock)**

**(7.30.1.1) Heating value**

Select from:

LHV (lower heating value)

**(7.30.1.2) MWh from renewable sources**

0

**(7.30.1.3) MWh from non-renewable sources**

136113.1

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

136113.1

**Consumption of purchased or acquired electricity**

**(7.30.1.1) Heating value**

Select from:

Unable to confirm heating value

**(7.30.1.2) MWh from renewable sources**

17477.5

### (7.30.1.3) MWh from non-renewable sources

232.9

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

17710.4

## Total energy consumption

### (7.30.1.1) Heating value

Select from:

Unable to confirm heating value

### (7.30.1.2) MWh from renewable sources

17477.5

### (7.30.1.3) MWh from non-renewable sources

136346

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

153823.5

[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: <input checked="" type="checkbox"/> No
Consumption of fuel for the generation of heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of steam	Select from: <input checked="" type="checkbox"/> No
Consumption of fuel for the generation of cooling	Select from: <input checked="" type="checkbox"/> No
Consumption of fuel for co-generation or tri-generation	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

**(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

### Sustainable biomass

#### (7.30.7.1) Heating value

Select from:

Unable to confirm heating value

#### (7.30.7.2) Total fuel MWh consumed by the organization

0

### (7.30.7.8) Comment

N/A

### Other biomass

#### (7.30.7.1) Heating value

Select from:

Unable to confirm heating value

#### (7.30.7.2) Total fuel MWh consumed by the organization

0

### (7.30.7.8) Comment

N/A

### Other renewable fuels (e.g. renewable hydrogen)

#### (7.30.7.1) Heating value

Select from:

Unable to confirm heating value

#### (7.30.7.2) Total fuel MWh consumed by the organization

0

### (7.30.7.8) Comment

N/A

## Coal

### (7.30.7.1) Heating value

Select from:

Unable to confirm heating value

### (7.30.7.2) Total fuel MWh consumed by the organization

0

### (7.30.7.8) Comment

N/A

## Oil

### (7.30.7.1) Heating value

Select from:

LHV

### (7.30.7.2) Total fuel MWh consumed by the organization

126794.5

### (7.30.7.8) Comment

*The total diesel and gasoline consumptions due to the company vehicles are calculated in MWh*

## Gas

### (7.30.7.1) Heating value

Select from:

LHV

### (7.30.7.2) Total fuel MWh consumed by the organization

9318.6

### (7.30.7.8) Comment

*The natural gas is used for heating company buildings.*

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

### (7.30.7.1) Heating value

Select from:

Unable to confirm heating value

### (7.30.7.2) Total fuel MWh consumed by the organization

0

### (7.30.7.8) Comment

N/A

### Total fuel

### (7.30.7.1) Heating value

Select from:

LHV



**(7.30.7.2) Total fuel MWh consumed by the organization**

136113.1

**(7.30.7.8) Comment**

*Total consumptions  
[Fixed row]*

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

**Turkey**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

17710

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

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

0

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

17710.00  
*[Fixed row]*

**(7.33.1) Disclose the following information about your transmission and distribution business.**

**Row 1**

**(7.33.1.1) Country/area/region**

Select from:

Turkey

**(7.33.1.2) Voltage level**

Select from:

Distribution (low voltage)

**(7.33.1.3) Annual load (GWh)**

49260

**(7.33.1.4) Annual energy losses (% of annual load)**

7.86

**(7.33.1.5) Scope where emissions from energy losses are accounted for**

Select from:

Scope 2 (market-based)

**(7.33.1.6) Emissions from energy losses (metric tons CO2e)**

1700672.025

### (7.33.1.7) Length of network (km)

325955

### (7.33.1.8) Number of connections

12200000

### (7.33.1.9) Area covered (km<sup>2</sup>)

109663

### (7.33.1.10) Comment

N/A

[Add row]

**(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO<sub>2</sub>e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

#### Row 1

### (7.45.1) Intensity figure

0.0000103716

### (7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO<sub>2</sub>e)

1749327.9

### (7.45.3) Metric denominator

Select from:

unit total revenue

#### (7.45.4) Metric denominator: Unit total

168664639000

#### (7.45.5) Scope 2 figure used

Select from:

Market-based

#### (7.45.6) % change from previous year

65

#### (7.45.7) Direction of change

Select from:

Decreased

#### (7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

Other emissions reduction activities

#### (7.45.9) Please explain

The total Scope 1&2 emission values are divided by the total revenue of the Enerjisa Enerji to decide intensity figure

### Row 2

#### (7.45.1) Intensity figure

0.040607782

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

1749327.9

**(7.45.3) Metric denominator**

Select from:

megawatt hour transmitted (MWh)

**(7.45.4) Metric denominator: Unit total**

43078637

**(7.45.5) Scope 2 figure used**

Select from:

Market-based

**(7.45.6) % change from previous year**

2

**(7.45.7) Direction of change**

Select from:

Decreased

**(7.45.8) Reasons for change**

Select all that apply

Change in renewable energy consumption

Other emissions reduction activities

### (7.45.9) Please explain

*The total Scope 1&2 emission values are divided by MWh of the transmitted electricity of the Enerjisa Enerji to decide intensity figure  
[Add row]*

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

#### Row 1

#### (7.52.1) Description

Select from:

Energy usage

#### (7.52.2) Metric value

17710

#### (7.52.3) Metric numerator

*MWH energy used in operations*

#### (7.52.4) Metric denominator (intensity metric only)

N/A

#### (7.52.5) % change from previous year

2

## (7.52.6) Direction of change

Select from:

Decreased

## (7.52.7) Please explain

*Electricity consumption has been reduced through successful energy efficiency practices and awareness-raising efforts*

[Add row]

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

### Row 1

## (7.53.1.1) Target reference number

Select from:

Abs 1

## (7.53.1.2) Is this a science-based target?

Select from:

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

## (7.53.1.4) Target ambition

Select from:

1.5°C aligned

## (7.53.1.5) Date target was set

12/30/2021

### (7.53.1.6) Target coverage

Select from:

- Organization-wide

### (7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Carbon dioxide (CO<sub>2</sub>)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF<sub>6</sub>)
- Nitrogen trifluoride (NF<sub>3</sub>)

### (7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

### (7.53.1.9) Scope 2 accounting method

Select from:

- Market-based

### (7.53.1.11) End date of base year

12/30/2021

### (7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO<sub>2</sub>e)



59952

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

1933604

**(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)**

1993556.000

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

100

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

100

**(7.53.1.53) 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**

09/03/2030

**(7.53.1.55) Targeted reduction from base year (%)**

30

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

1395489.200

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

48553.63

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

1700774.27

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

1749327.900

**(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**

40.84

**(7.53.1.80) Target status in reporting year**

Select from:

Underway

**(7.53.1.82) Explain target coverage and identify any exclusions**

*The baseline year is 2021 for Enerjisa Enerji emission reduction target. We have chosen 2021 to illustrate the effects of our decarbonization initiative in more accurately as we have improved our reporting scope and methodology for 2021 emission data. Total Scope 1 & 2 emissions in 2021 is 1.993.556 tCO2e. The target*

Genele Açık

covers Enerjisa Enerji operation company wide; namely, the operations of Distribution companies, retail companies, E-şarj & Müşteri Çözümleri. No emission sources are excluded from the scope 1 & 2 inventory. FLAG related emissions are not included in the target boundary. Biogenic emissions are not applicable to the Enerji Enerji.

### (7.53.1.83) Target objective

We acknowledge the importance of setting realistic and measurable targets, continuously improving our business processes, and taking proactive steps along the Decarbonization Journey. We are acutely aware of the adverse effects of climate change, and to mitigate them, we adhere to the Intergovernmental Panel on Climate Change (IPCC)'s Call to Action for limiting global warming to 1.5C. Our commitment to creating a better future for everyone is aligned with the UN Paris Agreement on climate change. As part of this commitment, we pledge to align our business operations with a Net Zero Pathway by 2050.

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

Our shareholders have publicly communicated their pledge to net zero. While Sabancı Holding aims to reach "Net Zero" in greenhouse gas emissions by 2050, similarly, E.on has committed to achieving Net Zero emissions by 2050 as well. Accordingly, Enerjisa is a part of that vision for a low-carbon future and eventually achieving net zero. Our reduction focus refers to activities that contributes to GHG emissions and where such efforts to reduce emissions can be prioritized. To reach Enerjisa's target of 30% by 2030, we have determined four prioritized action items. These focus areas are identified based on their potential to achieve significant emissions reductions and their feasibility in terms of technological and economic factors. By focusing on the most significant sources of emissions and identifying feasible and effective ways to reduce our emissions, we can make progress towards mitigating the impacts of climate change. The planned GHG emission reductions actions include grid decarbonization and theft & loss reductions. Additionally, increased SF6 recovery and company fleet transformation is planned for the achievement of this target until 2030. There are also other emission reduction initiatives that take place annually which supports Enerjisa Enerji's decarbonization. In 2023, Enerjisa Enerji achieved more than 10 percent reduction in its Scope 12 emissions compared to baseline year by the help of mentioned initiatives.

### (7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

Yes

## Row 2

### (7.53.1.1) Target reference number

Select from:

Abs 2

### (7.53.1.2) Is this a science-based target?

Select from:

- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

### (7.53.1.4) Target ambition

Select from:

- 1.5°C aligned

### (7.53.1.5) Date target was set

09/03/2022

### (7.53.1.6) Target coverage

Select from:

- Organization-wide

### (7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Carbon dioxide (CO<sub>2</sub>)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF<sub>6</sub>)
- Nitrogen trifluoride (NF<sub>3</sub>)

### (7.53.1.8) Scopes

Select all that apply

Scope 1

**(7.53.1.11) End date of base year**

12/30/2021

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

59952

**(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)**

59952.000

**(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**

09/03/2040

**(7.53.1.55) Targeted reduction from base year (%)**

70

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

17985.600

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

48553.63

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

48553.630

**(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**

27.16

**(7.53.1.80) Target status in reporting year**

Select from:

Underway

**(7.53.1.82) Explain target coverage and identify any exclusions**

*The baseline year is 2021 for Enerjisa Enerji emission reduction target. We have chosen 2021 to illustrate the effects of our decarbonization initiative in more accurately as we have improved our reporting scope and methodology for 2021 emission data. Total Scope 1 emissions in 2021 was 59.952 tonnes of CO2eq. The target covers Enerjisa Enerji operation company wide; namely, the operations of Distribution companies, retail companies, E-şarj & Müşteri Çözümleri. No emission sources are excluded from the scope 1 inventory. FLAG related emissions are not included in the target boundary. Biogenic emissions are not applicable to the Enerji Enerji. In line with Enerjisa Enerji's scope 1&2 emission reduction target and its shareholders 2050 net-zero target, Enerjisa aims to achieve 70 emission reduction in its scope 1 emissions until 2040.*

### (7.53.1.83) Target objective

*We acknowledge the importance of setting realistic and measurable targets, continuously improving our business processes, and taking proactive steps along the Decarbonization Journey. We are acutely aware of the adverse effects of climate change, and to mitigate them, we adhere to the Intergovernmental Panel on Climate Change (IPCC)'s Call to Action for limiting global warming to 1.5C. Our commitment to creating a better future for everyone is aligned with the UN Paris Agreement on climate change. As part of this commitment, we pledge to align our business operations with a Net Zero Pathway by 2050.*

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

*Our shareholders have publicly communicated their pledge to net zero. While Sabancı Holding aims to reach “Net Zero” in greenhouse gas emissions by 2050, similarly, E.on has committed to achieving Net Zero emissions by 2050 as well. Accordingly, Enerjisa is a part of that vision for a low-carbon future and eventually achieving net zero. Our reduction focus refers to activities that contributes to GHG emissions and where such efforts to reduce emissions can be prioritized. To reach Enerjisa's scope 1 target of 70% by 2040, we have determined four prioritized action items. These focus areas are identified based on their potential to achieve significant emissions reductions and their feasibility in terms of technological and economic factors. By focusing on the most significant sources of emissions and identifying feasible and effective ways to reduce our emissions, we can make progress towards mitigating the impacts of climate change. The planned ghg emission reductions actions include increased SF6 recovery and company fleet transformation is planned for the achievement of this target until 2040. There are also other emission reduction initiatives that take place annually which supports Enerjisa Enerji's decarbonization. In 2023, Enerjisa Enerji achieved more than 15 percent reduction in its Scope 1 emissions compared to baseline year by the help of mentioned initiatives.*

### (7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

Yes

[Add row]

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

### Row 1

#### (7.53.2.1) Target reference number

Select from:

Int 1

### (7.53.2.2) Is this a science-based target?

Select from:

- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

### (7.53.2.4) Target ambition

Select from:

- 1.5°C aligned

### (7.53.2.5) Date target was set

07/17/2024

### (7.53.2.6) Target coverage

Select from:

- Organization-wide

### (7.53.2.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Carbon dioxide (CO<sub>2</sub>)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Nitrogen trifluoride (NF<sub>3</sub>)
- Sulphur hexafluoride (SF<sub>6</sub>)

### (7.53.2.8) Scopes

Select all that apply



Scope 3

### **(7.53.2.10) Scope 3 categories**

Select all that apply

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

### **(7.53.2.11) Intensity metric**

Select from:

Metric tons CO<sub>2</sub>e per megawatt hour (MWh)

### **(7.53.2.12) End date of base year**

09/03/2021

### **(7.53.2.17) Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e per unit of activity)**

0.53

### **(7.53.2.32) Intensity figure in base year for total Scope 3 (metric tons CO<sub>2</sub>e per unit of activity)**

0.5300000000

### **(7.53.2.33) Intensity figure in base year for all selected Scopes (metric tons CO<sub>2</sub>e per unit of activity)**

0.5300000000

### **(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure**

98.8

**(7.53.2.53) % of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure**

98.8

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

98.8

**(7.53.2.55) End date of target**

09/03/2030

**(7.53.2.56) Targeted reduction from base year (%)**

40

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

0.3180000000

**(7.53.2.59) % change anticipated in absolute Scope 3 emissions**

9

**(7.53.2.64) Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities (metric tons CO2e per unit of activity)**

0.44

**(7.53.2.79) Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)**

0.4400000000

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

0.4400000000

**(7.53.2.81) Land-related emissions covered by target**

Select from:

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

**(7.53.2.82) % of target achieved relative to base year**

42.45

**(7.53.2.83) Target status in reporting year**

Select from:

New

**(7.53.2.85) Explain target coverage and identify any exclusions**

*We will reduce emission intensity of sold electricity related to our scope 3 emissions 40% by 2030 compared to the baseline year 2021.*

**(7.53.2.86) Target objective**

*It is an intensity reduction target that aims to reduce the emission intensity of each unit of electricity sold as a part of our climate change mitigation efforts. Our Scope 3 constitutes the most significant proportion of Enerjisa Enerji's emissions footprint driven by emissions from the generation of electricity, which we sell to our customers.*

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

We aim to reach this target by extension of renewable counterparty portfolio and resource diversification accompanied by renewable energy sales strategy and efforts. Although our Scope 3 emissions are highly dependent on the national electricity generation and installed capacity mix, we commit to achieve this goal by transforming our sourcing strategy and increasing the proportion of renewable energy in our portfolio.

### (7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

Yes

[Add row]

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

#### Row 1

#### (7.54.1.1) Target reference number

Select from:

Low 1

#### (7.54.1.2) Date target was set

09/03/2022

#### (7.54.1.3) Target coverage

Select from:

Organization-wide

#### (7.54.1.4) Target type: energy carrier

Select from:

Electricity

#### **(7.54.1.5) Target type: activity**

Select from:

Consumption

#### **(7.54.1.6) Target type: energy source**

Select from:

Renewable energy source(s) only

#### **(7.54.1.7) End date of base year**

09/03/2019

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

16800

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

7

#### **(7.54.1.10) End date of target**

09/03/2030

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

100

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

98.68

### (7.54.1.13) % of target achieved relative to base year

98.58

### (7.54.1.14) Target status in reporting year

Select from:

Underway

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

Yes, ABS 1

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

Select all that apply

No, it's not part of an overarching initiative

### (7.54.1.19) Explain target coverage and identify any exclusions

*Target includes the electricity use of Enerjisa Enerji Operations, company-wide 100%. Scope 2 emissions are only consist of purchased & imported electricity. There are no use of purchased/imported steam or heat. Therefore no emission sources are excluded. Biogenic emissions are not applicable to Enerjisa Enerji, therefore not included in the target coverage.*

### (7.54.1.20) Target objective

*Although Enerjisa Enerji supplies green energy to its customers, it also uses green energy in its headquarters buildings, customer service centres and distribution facilities. Enerjisa Enerji has carried out work to supply its energy needs from power plants produced from renewable resources throughout 2023. The company has significantly increased its renewable portfolio volume and signed bilateral agreements for direct electricity supply from power*

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

*Enerjisa Enerji has set a target to use 100% renewable electricity in its operations. As part of our goal to reduce energy indirect Scope 2 emissions, we procure more than 95% of electricity consumption from green energy for all Enerjisa operations through renewable energy certificates (I-REC) since 2019. Due to unprecedented*

natural disasters, which interrupted the power supplies of some villages, Enerjisa had to use electricity that was not included in its IREC scope in several temporary office/mobilization areas established in those locations. Thus, Enerjisa's target on achieving 100% renewable energy consumption couldn't be fully accomplished yet. Enerjisa Enerji will continue to increase its use of renewable energy and achieve its target by 2030 in line with its ABS 1 emission reduction target.

[Add row]

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

### Row 1

#### (7.54.2.1) Target reference number

Select from:

Oth 1

#### (7.54.2.2) Date target was set

12/30/2020

#### (7.54.2.3) Target coverage

Select from:

Organization-wide

#### (7.54.2.4) Target type: absolute or intensity

Select from:

Absolute

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

### Waste management

Percentage of sites operating at zero-waste to landfill

**(7.54.2.7) End date of base year**

12/30/2020

**(7.54.2.8) Figure or percentage in base year**

0

**(7.54.2.9) End date of target**

12/30/2030

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

100

**(7.54.2.11) Figure or percentage in reporting year**

28

**(7.54.2.12) % of target achieved relative to base year**

28.0000000000

**(7.54.2.13) Target status in reporting year**

Select from:

Revised

**(7.54.2.14) Explain the reasons for the revision, replacement, or retirement of the target**



The target for "Sıfır Atık" ("Zero Waste") was set in 2020 with the objective of expanding the number of facilities adhering to the zero waste policy across all Enerjisa Enerji operations. This target involved managing waste to reduce landfill contributions and increasing recycling efforts in line with Türkiye Zero Waste Regulation. As the target has been successfully achieved, with the designated facilities meeting or exceeding the zero waste criteria, the focus is now on continuously expanding the number of "Sıfır Atık" offices each year. Therefore, the target is being revised, and enhanced to include more facilities, reinforcing our commitment to sustainable waste management practices.

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

ABS1

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

Select all that apply

No, it's not part of an overarching initiative

#### (7.54.2.18) Please explain target coverage and identify any exclusions

In 2020, we set the target "Sıfır Atık" ("Zero Waste"), to increase the number of facilities with "zero waste" policy in the up-coming years. This target covers all facilities of Enerjisa Enerji. The target consist of managing the waste sent to landfill and increase the recycling in line with Türkiye Zero Waste Regulation. We achieved this target, and we will continue each year to increase the number of "Sıfır Atık" offices.

#### (7.54.2.19) Target objective

The target objective for Enerjisa's "Sıfır Atık" ("Zero Waste") initiative is to progressively expand the implementation of the zero waste policy across all company facilities, aiming to minimize waste sent to landfills and maximize recycling efforts in accordance with the Türkiye Zero Waste Regulation. By achieving this target, Enerjisa aims to enhance its environmental performance, reduce its ecological footprint, and contribute to national sustainability goals. The company is committed to annually increasing the number of "Sıfır Atık" offices, ensuring continuous improvement in waste management practices across its operations.

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

While reaching the target, field visits were organized in accordance with the regulation by working with external consultants, arrangements were made to comply with the regulation with new investment in the branches. In the coming years, compliance of the new branches with the regulation will continue to be ensured.

[Add row]

### (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

09/03/2022

##### (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

09/03/2050

##### (7.54.3.6) Is this a science-based target?

Select from:

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

### (7.54.3.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

### (7.54.3.9) Greenhouse gases covered by target

Select all that apply

- Methane (CH4)
- Nitrous oxide (N2O)
- Carbon dioxide (CO2)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF6)
- Nitrogen trifluoride (NF3)

### (7.54.3.10) Explain target coverage and identify any exclusions

*Our shareholders have publicly communicated their pledge to net zero. While Sabancı Holding aims to reach “Net Zero” in greenhouse gas emissions by 2050, similarly, E.on has committed to achieving Net Zero emissions by 2050 as well. Accordingly, Enerjisa is a part of that vision for a low-carbon future and eventually achieving net zero.*

### (7.54.3.11) Target objective

*As of 2022, Enerjisa Enerji has aligned its sustainability goals with the commitments of its shareholders, Sabancı Holding and E.ON, both of whom have publicly pledged to achieve Net Zero greenhouse gas emissions by 2050. Accordingly, Enerjisa Enerji has embraced this vision for a low-carbon future and is committed to playing a key role in reaching Net Zero emissions. The company is actively pursuing interim Scope 1 and 2 emission reduction targets for 2030, which include actions such as grid decarbonization, theft & loss reductions, increased SF6 recovery, and the transformation of the company fleet to lower-emission alternatives. These initiatives, along with other annual emission reduction efforts, are critical steps in Enerjisa Enerji's journey toward achieving Net Zero by 2050, reinforcing its dedication to sustainability and environmental responsibility.*

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

Select from:

Yes

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

Select from:

No, but we plan to within the next two years

### (7.54.3.14) Do you intend to purchase and cancel carbon credits for neutralization and/or beyond value chain mitigation?

Select all that apply

Yes, we plan to purchase and cancel carbon credits for neutralization at the end of the target

### (7.54.3.15) Planned milestones and/or near-term investments for neutralization at the end of the target

*As of 2022, we have set interim scope 1&2 emission reduction targets for 2030. Additionally, Enerjisa Enerji aims to achieve 70% emissions reduction in its scope 1. The planned ghg emission reductions actions include grid decarbonization and theft & loss reductions. Additionally, increased SF6 recovery and company fleet transformation is planned for the achievement of this target until 2030. There are also other emission reduction initiatives that take place annually which supports Enerjisa Enerji's decarbonization.*

### (7.54.3.17) Target status in reporting year

Select from:

Underway

### (7.54.3.19) Process for reviewing target

0

[Add row]

**(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.**

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	0	`Numeric input
To be implemented	0	0
Implementation commenced	0	0
Implemented	5	9121.99
Not to be implemented	0	`Numeric input

[Fixed row]

**(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.**

### Row 1

#### (7.55.2.1) Initiative category & Initiative type

##### Energy efficiency in buildings

Building Energy Management Systems (BEMS)

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

1805.79

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

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

#### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

40772612

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

23865160

#### (7.55.2.7) Payback period

Select from:

1-3 years

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

16-20 years

#### (7.55.2.9) Comment

*The energy efficient LED lightings are used instead of less efficient existing equipment..*

### Row 2

#### (7.55.2.1) Initiative category & Initiative type

## Energy efficiency in buildings

- Building Energy Management Systems (BEMS)

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

26.84

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

*Select all that apply*

- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

- Voluntary

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

338553

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

858982

### (7.55.2.7) Payback period

*Select from:*

- 1-3 years

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

16-20 years

### (7.55.2.9) Comment

*The energy efficient LED lightings are used instead of less efficient existing equipment.*

### Row 3

### (7.55.2.1) Initiative category & Initiative type

#### Transportation

Company fleet vehicle replacement

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

265.33

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

Select all that apply

Scope 1

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

4238006



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

30915644

### (7.55.2.7) Payback period

Select from:

<1 year

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

3-5 years

### (7.55.2.9) Comment

*Enerjisa Enerji replaces its fleet vehicles with hybrid and electric options where possible. In 2023, 152 EV and 74 hybrid added to the fleet which made a total of 168 EV and 159 hybrid replacing gasoline & diesel alternatives. Emission calculations are based on DEFRA emission factors. For monetary savings, average fuel price in Türkiye was calculated using historical data and average electricity price per kWh in 2023 was used. Potential fuel savings on annual 3.634.008,41 kms driven for these vehicles (3 litres / 100km savings for hybrid vehicles and 9 litres / 100 km savings for electric vehicles – considering an average car's fuel consumption of 9 litres/100km, hybrid's 6 litres/100km and an EV's 0 litres/100km) multiplied by the average gasoline prices in Turkey for December 2023, minus the consumed electricity.*

## Row 5

### (7.55.2.1) Initiative category & Initiative type

**Waste reduction and material circularity**

Product/component/material reuse

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

7022.06

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

Select all that apply

Scope 3 category 5: Waste generated in operations

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

384698358

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

0

### (7.55.2.7) Payback period

Select from:

<1 year

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

<1 year

### (7.55.2.9) Comment

*With the recovered transformers, the amount of waste generated from these operations is reduced and financial gains are achieved.*

**Row 6**

### (7.55.2.1) Initiative category & Initiative type

#### Energy efficiency in production processes

- Process optimization

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

1.97

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

*Select all that apply*

- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

- Voluntary

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

0

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

0

### (7.55.2.7) Payback period

*Select from:*

- <1 year

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

<1 year

### (7.55.2.9) Comment

*By programming and planning transformers to be used more efficiently, carbon reduction was achieved without the need for additional costs.  
[Add row]*

## (7.55.3) What methods do you use to drive investment in emissions reduction activities?

### Row 1

#### (7.55.3.1) Method

Select from:

Dedicated budget for other emissions reduction activities

#### (7.55.3.2) Comment

*Enerjisa prioritizes emission reduction activities such as increasing electric/hybrid vehicles in our fleet, LED transformation projects, certification of our electricity consumptions with renewable energy and expanding our EŞARJ electric vehicle charging sub-stations.*

### Row 3

#### (7.55.3.1) Method

Select from:

Employee engagement

#### (7.55.3.2) Comment

*As we believe behavioral changes are essential in carbon reduction efforts, we have implemented several ways to involve our employees. For example, we have a Sustainability section in our mobile application for employees (IKON), in which sustainability ideas from our employees are collected. We use awareness boosting posters for our employees in the bathrooms, around light switches, trashcans etc. to encourage them for saving energy. We design our advertisements highlighting climate change and share it with our employees before presenting it to the public. We also aim to increase coverage EŞARJ electric vehicle charging stations in our office locations which also increases employee motivation, awareness and therefore engagement in emission reduction activities.*

## Row 4

### (7.55.3.1) Method

Select from:

Internal incentives/recognition programs

### (7.55.3.2) Comment

*As Enerjisa, we participate in Golden Collar Awards program of our shareholder, Sabancı Holding, that recognizes the achievements of employee developed projects in 5 categories, one of which is sustainability. For the 13th Golden Collar Awards in 2023, eight of the applied projects were in sustainability category. For the World Environment Day, we send environment and climate change related questions to our employees, and we give prizes to the people who answer correctly and encourage our employees to research the answers.*

## Row 5

### (7.55.3.1) Method

Select from:

Dedicated budget for energy efficiency

### (7.55.3.2) Comment

*We have a team dedicated specifically for energy efficiency solutions under our Customer Solutions Department. Also, we constantly improve our operational efficiency, which as a result improves energy efficiency. As Enerjisa, we also support Energy Efficiency projects in our intrapreneurship (NAR) and entrepreneurship (Ivme) programs and provide funding for the selected projects.*

## Row 6

### (7.55.3.1) Method

Select from:

- Dedicated budget for low-carbon product R&D

### (7.55.3.2) Comment

*Through our Ivme Entrepreneurship Acceleration Program, Enerjisa Innovation Department partners with start-ups and independent innovators in developing low-carbon technologies and products. This year, during the 4th term of the program, pilot projects with Werer Energy and Lumian Energy were successfully completed, and both companies graduated with success*

## Row 7

### (7.55.3.1) Method

Select from:

- Compliance with regulatory requirements/standards

### (7.55.3.2) Comment

*We conduct our operations in accordance with international standards such as the ISO14001:2015 Environmental Management System. We define our annual energy and natural source consumption reduction targets based on the location-specific ISO 14001 Environmental Management System by effectively monitoring the electricity, water and fuel consumption in the buildings. We have 100% coverage for ISO14001 certification at all Enerjisa Enerji locations. 50001 Energy Management System was established in 2022 in Distribution Business units*

## Row 8

### (7.55.3.1) Method

Select from:

- Partnering with governments on technology development

### (7.55.3.2) Comment

We collaborate with and are in constant communication with the Ministry of Energy and Natural Resources as well as EPDK (EMRA - Energy Market Regulatory Authority) on developing new technologies. The main funding source of our R&D projects is the EMRA's R&D Fund, while other sources include the European Union Framework Programs, and EUROGIA.

[Add row]

## **(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.**

### **Row 1**

#### **(7.74.1.1) Level of aggregation**

Select from:

- Group of products or services

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

Select from:

- Green Bond Principles (ICMA)

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

##### **Other**

- Other, please specify :Solar PV, Transactive energy systems, EV charging, large scale heat pump

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

We offer waste heat recovery solutions such as large scale cogeneration and trigeneration systems that are delivered as turn-key solutions. We helped our customers reduce their CO2 emissions 17.500 tonnes by electric charging. We offer end-to-end solar energy solutions by providing project design, turn-key installation and maintenance services. We prevented 30.936 tons of CO2 emissions per year through solar power projects. We provide integrated end-to-end solutions that include energy storage and electric vehicle charging infrastructures as required. As of today, we provide e-mobility solutions which consist of both private and public charging stations. Enerjisa currently has 1.780 charging points in 1.003 public locations, of which 1.387 are fast charging sockets. We provide our consumers to produce their

own renewable electricity and track, monitor and control their energy digitally. Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year is 99%. This number represents the revenue for the low-carbon products within Müşteri Çözümleri A.Ş

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

Select from:

Yes

#### (7.74.1.6) Methodology used to calculate avoided emissions

Select from:

Other, please specify :GHG Protocol

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

Select from:

Use stage

#### (7.74.1.8) Functional unit used

*Electricity consumption that was self-generated by solar PV panels*

#### (7.74.1.9) Reference product/service or baseline scenario used

*Electricity from conventional grid*

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

Select from:

Use stage

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



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

*Consuming electricity for one year with non-renewable grid electricity versus consuming electricity that was self-generated by solar PV panels (on the assumption made on average consumption for all customers)*

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

99

[Add row]

## C9. Environmental performance - Water security

(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:

Monthly

#### (9.2.3) Method of measurement

*We track the water obtained from the mains and local suppliers through invoices, while rainwater is monitored based on tank capacity and usage levels monthly.*

#### (9.2.4) Please explain

*Enerjisa Enerji's operations consist of distribution companies, customer solutions, retail, and e-mobility. We use only domestic water to maintain the drinking, sanitation, and hygiene requirements of our employees, customers and visitors. Therefore, total water withdrawal volume comprises water obtained from the mains, rainwater, and bottled water purchased for drinking. In line with our sustainability vision, we aim to reduce our environmental footprint and create a positive impact on the planet. Therefore, as part of our sustainability framework, we track and assess the total water withdrawal volume, and monitor our impact on water resources. This approach allows us to understand and mitigate our impact on water sources.*

### Water withdrawals – volumes by source

#### (9.2.1) % of sites/facilities/operations

Select from:

100%

### (9.2.2) Frequency of measurement

Select from:

Monthly

### (9.2.3) Method of measurement

*We track the water obtained from the mains and local suppliers through invoices, while rainwater is monitored based on tank capacity and usage levels monthly. Moreover, we annually assess the water stress risk of the basins in which we operate using the WRI Aqueduct Tool.*

### (9.2.4) Please explain

*In line with our sustainability vision, we aim to reduce our environmental footprint and create a positive impact on the planet. Therefore, as part of our sustainability framework, we track and assess the water withdrawal volume by source, and monitor our impact on water resources. This approach allows us to understand and mitigate our impact on water sources.*

## Water withdrawals quality

### (9.2.1) % of sites/facilities/operations

Select from:

100%

### (9.2.2) Frequency of measurement

Select from:

Yearly

### (9.2.3) Method of measurement

Accredited organizations conduct water quality analyses twice a year for mains water in our distribution units located in the Ayedas and Toroslar regions. Additionally, for the purified water dispensers used for drinking water, we have a contractual agreement with the supplier that requires analyses to be performed by the relevant company every 3-6 months. The results of these analyses are then reported to the administrative department.

#### (9.2.4) Please explain

In Turkey, the operation of mains water is handled by institutions affiliated with the municipality. These institutions are responsible for conducting regular measurements and tests to ensure water quality, and they transparently report the results. Additionally, regulatory bodies regulate and test the water quality of all water suppliers. Furthermore, we have implemented home-scale water purifying systems in some of our office buildings. These systems are connected to taps that are supplied by the mains and are used to provide drinking water for employees. We closely monitor the quality parameters of this water on a regular basis and change the filters periodically to maintain high standards. By prioritizing the provision of a safe and healthy environment for our employees, we demonstrate our commitment to maintaining high-quality drinking water standards. As a result, we continuously monitor the quality of our water withdrawals.

### Water discharges – total volumes

#### (9.2.1) % of sites/facilities/operations

Select from:

100%

#### (9.2.2) Frequency of measurement

Select from:

Monthly

#### (9.2.3) Method of measurement

The total discharge volume consists of the water obtained from the mains and billed monthly. Each unit records their invoices monthly into the electronic system.

#### (9.2.4) Please explain

Enerjisa Enerji's operations consist of distribution companies, customer solutions, retail, and e-mobility. We use only domestic water to maintain the drinking, sanitation, and hygiene requirements of our employees, customers and visitors. In line with our sustainability vision, we aim to reduce our environmental footprint and

create a positive impact on the planet. Therefore, as part of our sustainability framework, we track and assess the total water discharge volume, and monitor our impact on water resources. This approach allows us to understand and mitigate our impact on water sources.

## Water discharges – volumes by destination

### (9.2.1) % of sites/facilities/operations

Select from:

100%

### (9.2.2) Frequency of measurement

Select from:

Monthly

### (9.2.3) Method of measurement

*In our operations, wastewater is discharged into the municipal sewer system within the respective regions. The treatment of wastewater is carried out by the municipalities in accordance with legislative requirements. Each city's municipality bills discharge volumes on a monthly basis and each unit diligently records their monthly invoices into the electronic system.*

### (9.2.4) Please explain

*Enerjisa Enerji's operations comprise distribution companies, customer solutions, retail, and e-mobility. We closely monitor the volume of water discharge according to its destinations, as this practice enables us to implement effective environmental management practices and aligns with our commitment to environmental sustainability.*

## Water discharges – volumes by treatment method

### (9.2.1) % of sites/facilities/operations

Select from:

100%

## (9.2.2) Frequency of measurement

Select from:

Monthly

## (9.2.3) Method of measurement

*The treatment of our wastewater is carried out by the municipalities of the corresponding cities, following the regulations specified in the Urban Wastewater Treatment Regulation. Comprehensive information about the treatment facilities and techniques utilized can be obtained from the official websites of the municipalities. Since we have only one discharge point, we monitor the volume of wastewater discharged into it through the monthly invoices provided by the municipality.*

## (9.2.4) Please explain

*Enerjisa Enerji is dedicated to complying with Turkey's environmental regulations across all direct and indirect operations. As part of this commitment, we actively monitor the treatment methods and overall volume of water discharge to ensure regulatory compliance, support environmental sustainability, and provide transparent reporting on our environmental impact.*

## 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:

Monthly

### (9.2.3) Method of measurement

*Our wastewater is discharged into the municipal sewage system. It is crucial to ensure that the wastewater parameters align with the requirements stated in the Regulation on Water Pollution Control and the Communiqué on Wastewater Treatment Plants Technical Procedures during the discharge process from treatment plants. Monitoring compliance with these regulations is possible through monthly reports published on municipalities' websites. We review these reports quarterly.*

Genele Açık

#### (9.2.4) Please explain

*We continue our efforts to fully comply with national/international legislation concerning water, and we constantly review our business processes to protect and sustain water resources. We embrace best practices and stay updated with innovations in order to ensure the preservation and sustainability of water sources. Although we only have domestic use and do not have any polluting activities, we regularly monitor the quality of wastewater.*

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

##### (9.2.1) % of sites/facilities/operations

Select from:

Not relevant

#### (9.2.4) Please explain

*Enerjisa Enerji does not participate in any production activities and its direct operations have no emissions that affect water resources. Therefore, this parameter will remain irrelevant and have no impact in the upcoming years.*

#### **Water discharge quality – temperature**

##### (9.2.1) % of sites/facilities/operations

Select from:

100%

##### (9.2.2) Frequency of measurement

Select from:

Monthly

##### (9.2.3) Method of measurement

*The municipalities in cities are responsible for treating the water that is discharged into the sewer system. Temperature data of wastewater is typically recorded by municipalities as part of reports and permits concerning wastewater treatment plants.*

#### **(9.2.4) Please explain**

*As we solely utilize domestic water, the water discharged directly from our operations remains at room temperature. Monitoring the temperature of water discharge plays a crucial role in protecting aquatic ecosystems and ensuring compliance with environmental regulations. As part of Enerjisa's environmental responsibility, this parameter is monitored regularly from municipality reports.*

### **Water consumption – total volume**

#### **(9.2.1) % of sites/facilities/operations**

Select from:

100%

#### **(9.2.2) Frequency of measurement**

Select from:

Monthly

#### **(9.2.3) Method of measurement**

*We track the consumption of drinking water by monitoring the invoices received from local drinking water suppliers. Each invoice includes information about the amount of water purchased in addition to the payment amount, and this data is monitored on a monthly basis.*

#### **(9.2.4) Please explain**

*Enerjisa Enerji's operations consist of distribution companies, customer solutions, retail, and e-mobility. In our calculation methodology, bottled water and water purchased in containers for drinking purposes are classified as water consumption. In line with our sustainability vision, we aim to reduce our environmental footprint and create a positive impact on the planet. Therefore, as part of our sustainability framework, we track and assess the water consumption volume, and monitor our impact on water resources. This approach allows us to understand and mitigate our impact on water sources.*

### **Water recycled/reused**



### (9.2.1) % of sites/facilities/operations

Select from:

Not relevant

### (9.2.4) Please explain

*Water recycle/reuse is not relevant to our operations. All our operations take place in office buildings and all discharges are to the mains, which makes recycling a municipality responsibility if chosen. Although we currently only use domestic water, there are potential efforts being made to explore the use of reused water in the future, particularly in light of the increasing risk of water stress in 2030 and 2040.*

## 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:

Continuously

### (9.2.3) Method of measurement

*Enerjisa Enerji carries out regular evaluations of WASH infrastructure, tests water quality, and gathers feedback from employees, while also performing periodic audits to ensure adherence to established standards. Moreover, we utilize the World Business Council for Sustainable Development's (WBSCD) Self-Assessment Tool for Evaluating Access to Water, Sanitation, and Hygiene (WASH) to assess our performance annually.*

### (9.2.4) Please explain

*As stated in our water policy, we take necessary precautions to provide safe drinking water, monitor and improve sanitation infrastructure, and implement hygiene standards in our workplaces to support the health and well-being of its employees and stakeholders. We aim to support the sustainable use of water resources,*

ensure the provision of safe drinking water, improve sanitation infrastructure, and implement hygiene standards. Therefore, we regularly monitor the quality of drinking water and water supply, taking into account feedback from employees.

[Fixed row]

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

### **Total withdrawals**

#### **(9.2.2.1) Volume (megaliters/year)**

97.25

#### **(9.2.2.2) Comparison with previous reporting year**

Select from:

Lower

#### **(9.2.2.3) Primary reason for comparison with previous reporting year**

Select from:

Investment in water-smart technology/process

#### **(9.2.2.4) Five-year forecast**

Select from:

Lower

#### **(9.2.2.5) Primary reason for forecast**

Select from:

Investment in water-smart technology/process

### (9.2.2.6) Please explain

*Enerjisa Enerji's water consumption is solely due to domestic needs. For this reason, water consumption is reduced by investing in water-saving equipment such as rain harvesting systems, delifiers, aerators, water dispensers with purification, sensor faucets. Water consumption amounts are periodically monitored and additional steps are taken in cooperation with business units for the identified reduction points.*

## Total discharges

### (9.2.2.1) Volume (megaliters/year)

97.06

### (9.2.2.2) Comparison with previous reporting year

Select from:

About the same

### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Facility expansion

### (9.2.2.4) Five-year forecast

Select from:

Lower

### (9.2.2.5) Primary reason for forecast

Select from:

Investment in water-smart technology/process

### (9.2.2.6) Please explain

*Enerjisa Enerji's water consumption is solely due to domestic needs. For this reason, water consumption is reduced by investing in water-saving equipment such as rain harvesting systems, delifiers, aerators, water dispensers with purification, sensor faucets. Water consumption amounts are periodically monitored and additional steps are taken in cooperation with business units for the identified reduction points. Accordingly, it is aimed to reduce the amount of water discharged.*

## **Total consumption**

### **(9.2.2.1) Volume (megaliters/year)**

0.2

### **(9.2.2.2) Comparison with previous reporting year**

Select from:

Lower

### **(9.2.2.3) Primary reason for comparison with previous reporting year**

Select from:

Investment in water-smart technology/process

### **(9.2.2.4) Five-year forecast**

Select from:

Lower

### **(9.2.2.5) Primary reason for forecast**

Select from:

Investment in water-smart technology/process

### **(9.2.2.6) Please explain**

*Enerjisa Enerji's water consumption is solely due to domestic needs. For this reason, water consumption is reduced by investing in water-saving equipment such as rain harvesting systems, delifers, aerators, water dispensers with purification, sensor faucets. Water consumption amounts are periodically monitored and additional steps are taken in cooperation with business units for the identified reduction points.*

*[Fixed row]*

**(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.**

#### **(9.2.4.1) Withdrawals are from areas with water stress**

*Select from:*

No

#### **(9.2.4.8) Identification tool**

*Select all that apply*

WRI Aqueduct

#### **(9.2.4.9) Please explain**

*Enerjisa does not carry out any water withdrawals from areas classified as water-stressed regions. Our operations prioritize sustainable water management, ensuring that all water sources used are located outside of areas experiencing water scarcity or high competition for water resources. This approach aligns with our commitment to responsible resource use and environmental sustainability*

*[Fixed row]*

**(9.2.7) Provide total water withdrawal data by source.**

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

#### **(9.2.7.1) Relevance**

Select from:

Relevant

### (9.2.7.2) Volume (megaliters/year)

0.27

### (9.2.7.3) Comparison with previous reporting year

Select from:

Much lower

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Investment in water-smart technology/process

### (9.2.7.5) Please explain

*Enerjisa Enerji saves water by using the rainwater collected through rainwater harvesting systems in areas such as garden irrigation and toilet flushing.*

## Brackish surface water/Seawater

### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

N/A

## Groundwater – renewable

### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

N/A

## Groundwater – non-renewable

### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

N/A

## Produced/Entrained water

### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

N/A

## Third party sources

### (9.2.7.1) Relevance

Select from:

Relevant

### (9.2.7.2) Volume (megaliters/year)

96.98

### (9.2.7.3) Comparison with previous reporting year

Select from:

Much lower

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Investment in water-smart technology/process

### (9.2.7.5) Please explain

*Enerjisa Enerji meets over 99% of its water needs from municipal water supplied by municipalities and/or similar third party organizations.  
[Fixed row]*

## (9.2.8) Provide total water discharge data by destination.

### Fresh surface water

### (9.2.8.1) Relevance

Select from:

Not relevant



### (9.2.8.5) Please explain

*Each operation within Enerjisa Enerji releases its wastewater into the municipal sewer system within their respective regions. Enerjisa Enerji is directly connected to third-party destinations, as the treatment of wastewater is carried out by municipalities in accordance with legislative regulations.*

### Brackish surface water/seawater

#### (9.2.8.1) Relevance

Select from:

Not relevant

### (9.2.8.5) Please explain

*Each operation within Enerjisa Enerji releases its wastewater into the municipal sewer system within their respective regions. Enerjisa Enerji is directly connected to third-party destinations, as the treatment of wastewater is carried out by municipalities in accordance with legislative regulations.*

### Groundwater

#### (9.2.8.1) Relevance

Select from:

Not relevant

### (9.2.8.5) Please explain

*Each operation within Enerjisa Enerji releases its wastewater into the municipal sewer system within their respective regions. Enerjisa Enerji is directly connected to third-party destinations, as the treatment of wastewater is carried out by municipalities in accordance with legislative regulations.*

### Third-party destinations

#### (9.2.8.1) Relevance

Select from:

Relevant

### (9.2.8.2) Volume (megaliters/year)

97.05

### (9.2.8.3) Comparison with previous reporting year

Select from:

Much lower

### (9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

Investment in water-smart technology/process

### (9.2.8.5) Please explain

*Each operation within Enerjisa Enerji releases its wastewater into the municipal sewer system within their respective regions. Enerjisa Enerji is directly connected to third-party destinations, as the treatment of wastewater is carried out by municipalities in accordance with legislative regulations.*

*[Fixed row]*

## (9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

### Tertiary treatment

### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, it is ensured that municipality carries out the treatment activities.*

### Secondary treatment

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, it is ensured that municipality carries out the treatment activities.*

### Primary treatment only

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, it is ensured that municipality carries out the treatment activities.*

### Discharge to the natural environment without treatment

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, it is ensured that municipality carries out the treatment activities.*

### Discharge to a third party without treatment

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Relevant

#### (9.2.9.2) Volume (megaliters/year)

97.05

#### (9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

About the same

#### (9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

100%

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, third parties carries this treatment activity.*

## Other

### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*Enerjisa Enerji does not treat its wastewater, however, it is ensured that municipality carries out the treatment activities.*

*[Fixed row]*

**(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?**

## Direct operations

### (9.3.1) Identification of facilities in the value chain stage

Select from:

Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

### (9.3.2) Total number of facilities identified

8

### (9.3.3) % of facilities in direct operations that this represents

Select from:

51-75

### (9.3.4) Please explain

While assessing the risks related to water, we referred to the water stress and riverine flood risk levels of the areas where we operate using the WRI Aqueduct Tool. Based on our evaluation results, we classified buildings that are at high and extremely high-risk levels for both riverine flood and water stress as strategically significant areas/buildings susceptible to water-related risks. According to this classification, out of approximately 300 buildings, 170 fall into the respective category. By considering the disclosure policy of GDP, 170 buildings separated to 7 river basins which is considered as a facility. These buildings represent more than 50% of the total.

## Upstream value chain

### (9.3.1) Identification of facilities in the value chain stage

Select from:

No, we have assessed this value chain stage but did not identify any facilities with water-related dependencies, impacts, risks, and opportunities

### (9.3.4) Please explain

N/A

[Fixed row]

**(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.**

#### Row 1

##### (9.3.1.1) Facility reference number

Select from:

Facility 1

##### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

- Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

- Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

**Zimbabwe**

- Other, please specify :Sakarya

### (9.3.1.8) Latitude

40.783333

### (9.3.1.9) Longitude

30.4

### (9.3.1.10) Located in area with water stress

Select from:

Yes

**(9.3.1.11) Primary power generation source for your electricity generation at this facility**

Select from:

Not applicable

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

21.74

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**



0

**(9.3.1.20) Withdrawals from third party sources**

21.74

**(9.3.1.21) Total water discharges at this facility (megaliters)**

21.74

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

0

**(9.3.1.26) Discharges to third party destinations**

21.74

**(9.3.1.27) Total water consumption at this facility (megaliters)**

0.04

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

- About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

## Row 2

### (9.3.1.1) Facility reference number

Select from:

- Facility 2

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

- Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

#### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

- Yes, withdrawals and discharges

#### (9.3.1.7) Country/Area & River basin

**Lebanon**

- Asi (Orontes)

#### (9.3.1.8) Latitude

36.086992

#### (9.3.1.9) Longitude

35.968537

#### (9.3.1.10) Located in area with water stress

Select from:

- Yes

#### (9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

- Not applicable

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

0.77

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

0.77

**(9.3.1.21) Total water discharges at this facility (megaliters)**

0.77

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

0

**(9.3.1.26) Discharges to third party destinations**

0.77

**(9.3.1.27) Total water consumption at this facility (megaliters)**

0

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:

About the same

**(9.3.1.29) Please explain**

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

### Row 3

#### (9.3.1.1) Facility reference number

Select from:

Facility 3

#### (9.3.1.2) Facility name (optional)

N/A

#### (9.3.1.3) Value chain stage

Select from:

Direct operations

#### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Dependencies

Impacts

Risks

Opportunities

#### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

Zimbabwe

Other, please specify :Kızılırmak

### (9.3.1.8) Latitude

36.916561

### (9.3.1.9) Longitude

34.89521

### (9.3.1.10) Located in area with water stress

Select from:

Yes

### (9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

Not applicable

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

1.25

### (9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

1.25

**(9.3.1.21) Total water discharges at this facility (megaliters)**

1.25

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower



### (9.3.1.23) Discharges to fresh surface water

0

### (9.3.1.24) Discharges to brackish surface water/seawater

0

### (9.3.1.25) Discharges to groundwater

0

### (9.3.1.26) Discharges to third party destinations

1.25

### (9.3.1.27) Total water consumption at this facility (megaliters)

0

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

## Row 4

### (9.3.1.1) Facility reference number

Select from:

Facility 4

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Dependencies

Impacts

Risks

Opportunities

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

**Zimbabwe**

Other, please specify :Kocaeli

**(9.3.1.8) Latitude**

40.949796

**(9.3.1.9) Longitude**

29.173943

**(9.3.1.10) Located in area with water stress**

Select from:

Yes

**(9.3.1.11) Primary power generation source for your electricity generation at this facility**

Select from:

Not applicable

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

23.28

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

23.28

**(9.3.1.21) Total water discharges at this facility (megaliters)**

23.28

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

### (9.3.1.25) Discharges to groundwater

0

### (9.3.1.26) Discharges to third party destinations

23.28

### (9.3.1.27) Total water consumption at this facility (megaliters)

0

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

## Row 5

### (9.3.1.1) Facility reference number

Select from:

Facility 5

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Dependencies

Impacts

Risks

Opportunities

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

**Zimbabwe**

Other, please specify :Goksu

### (9.3.1.8) Latitude

36.812104

### (9.3.1.9) Longitude

34.641481

**(9.3.1.10) Located in area with water stress**

Select from:

Yes

**(9.3.1.11) Primary power generation source for your electricity generation at this facility**

Select from:

Not applicable

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

6.43

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

6.43

**(9.3.1.21) Total water discharges at this facility (megaliters)**

6.43

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

0

**(9.3.1.26) Discharges to third party destinations**

6.43



### (9.3.1.27) Total water consumption at this facility (megaliters)

0

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

## Row 6

### (9.3.1.1) Facility reference number

Select from:

Facility 6

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

Direct operations

#### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

#### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

- Yes, withdrawals and discharges

#### (9.3.1.7) Country/Area & River basin

Zimbabwe

- Other, please specify :Seyhan

#### (9.3.1.8) Latitude

36.8902

#### (9.3.1.9) Longitude

35.2658

#### (9.3.1.10) Located in area with water stress

Select from:

- Yes

#### (9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

Not applicable

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

16.31

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

About the same

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

16.31

**(9.3.1.21) Total water discharges at this facility (megaliters)**

16.31

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

0

**(9.3.1.26) Discharges to third party destinations**

16.31

**(9.3.1.27) Total water consumption at this facility (megaliters)**

0

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:

- About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

## Row 7

### (9.3.1.1) Facility reference number

Select from:

- Facility 7

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

- Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

- Dependencies
- Impacts
- Risks

Opportunities

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

**Zimbabwe**

Other, please specify :Ceyhan

### (9.3.1.8) Latitude

36.584673

### (9.3.1.9) Longitude

36.175616

### (9.3.1.10) Located in area with water stress

Select from:

Yes

### (9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

Not applicable

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

2.4

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

2.4

**(9.3.1.21) Total water discharges at this facility (megaliters)**

2.4

### (9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

Lower

### (9.3.1.23) Discharges to fresh surface water

0

### (9.3.1.24) Discharges to brackish surface water/seawater

0

### (9.3.1.25) Discharges to groundwater

0

### (9.3.1.26) Discharges to third party destinations

2.4

### (9.3.1.27) Total water consumption at this facility (megaliters)

0

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

About the same

### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress*

Genele Açık



as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.

## Row 8

### (9.3.1.1) Facility reference number

Select from:

Facility 8

### (9.3.1.2) Facility name (optional)

N/A

### (9.3.1.3) Value chain stage

Select from:

Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Dependencies

Impacts

Risks

Opportunities

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

Zimbabwe

Other, please specify :Afrin

### (9.3.1.8) Latitude

36.204279

### (9.3.1.9) Longitude

36.161893

### (9.3.1.10) Located in area with water stress

Select from:

Yes

### (9.3.1.11) Primary power generation source for your electricity generation at this facility

Select from:

Not applicable

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

38.89

### (9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

About the same

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

38.89

**(9.3.1.21) Total water discharges at this facility (megaliters)**

38.89

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

#### (9.3.1.24) Discharges to brackish surface water/seawater

0

#### (9.3.1.25) Discharges to groundwater

0

#### (9.3.1.26) Discharges to third party destinations

38.89

#### (9.3.1.27) Total water consumption at this facility (megaliters)

0.27

#### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

Lower

#### (9.3.1.29) Please explain

*In assessing water-related risks, we used the WRI Aqueduct Tool to examine the water stress and river flooding risk levels of the areas in which we operate by watershed. Based on our assessment results, we classified buildings located in watersheds with high and very high risk levels for both river flooding and water stress as strategically important sites/buildings sensitive to water-related risks. According to this classification, 170 out of approximately 300 company buildings are located in 8 watersheds identified as having high and very high water stress risk levels. Water consumption from Enerjisa Enerji operations is only from domestic consumption. Due to the CDP question methodology, we considered each basin as a facility and an assessment was made based on the total water withdrawal, consumption and discharge data of the buildings in these basins. These buildings represent more than 50% of the total.*

[Add row]

**(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?**

**Water withdrawals – total volumes**

**(9.3.2.1) % verified**

Select from:

76-100

**(9.3.2.2) Verification standard used**

GDS 3000

**Water withdrawals – volume by source**

**(9.3.2.1) % verified**

Select from:

76-100

**(9.3.2.2) Verification standard used**

GDS 3000

**Water withdrawals – quality by standard water quality parameters**

**(9.3.2.1) % verified**

Select from:

76-100

### (9.3.2.2) Verification standard used

N/A

### Water discharges – total volumes

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

GDS 3000

### Water discharges – volume by destination

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

GDS 3000

### Water discharges – volume by final treatment level

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

N/A

### Water discharges – quality by standard water quality parameters

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

N/A

### Water consumption – total volume

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

GDS 3000  
[Fixed row]

### (9.5) Provide a figure for your organization's total water withdrawal efficiency.

#### (9.5.1) Revenue (currency)

168664639

### (9.5.2) Total water withdrawal efficiency

1734340.76

### (9.5.3) Anticipated forward trend

*Enerjisa Enerji aims to reduce its impact on natural resources while increasing its revenue within the framework of sustainable growth approach. The implementation of efficiency measures across the company is expected to lead to a decrease in water withdrawal volume. As a result, with the increase in revenue, it is anticipated that water efficiency will improve due to a decrease in water withdrawal volume.*

*[Fixed 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:

No

### (9.13.2) Comment

*Enerjisa Enerji is not involved in any production activities and solely depends on domestically sourced water. As a result, the company complies with the Wastewater Control Regulation, ensuring that its direct operations and products do not have any adverse effects on water resources.*

*[Fixed row]*

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

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



Select from:

Yes

### (9.14.2) Definition used to classify low water impact

*Our company operates in the fields of distribution, sales, customer solutions, and e-charging. As Enerjisa Distribution Companies, we provide electricity distribution services in 14 provinces, ensuring access to electricity for a population of 22,1 million. Enerjisa Sales Companies operate as regulated electricity suppliers in three regions and 14 provinces under the supply license granted by the Energy Market Regulatory Authority. Alongside our core activities in electricity distribution and retail sales, we are at the forefront of the sector in distributed energy, energy efficiency, and e-mobility solutions. We actively explore opportunities in innovative sectors such as electric vehicle charging stations, electricity storage systems, and smart home technologies, enabling consumers to generate their own electricity. In addition to our leadership in electricity distribution and sales, we strive to be an innovative and pioneering force in the electric vehicle ecosystem, actively contributing to the industry's transformation. As of the end of 2023, Eşarj had 1780 charging plugs at 1003 public locations, 1387 of which are fast-charging plugs., and we aim to expedite the transition to ultrafast charging in the near future. Certain sectors, such as power generation, have a high water use intensity. However, in the case of Enerjisa Enerji, water is exclusively utilized for daily office requirements. Our distribution and retail operations do not need water as a source; therefore, they do not impact water resources. In spite of that, our range of services considering customer solutions, including solar power plant installations and energy efficiency applications such as waste heat recovery, and HVAC systems, prioritize resource conservation and sustainability, resulting in reduced water consumption. The impact of these services on the water is explained below:-Solar power plant installations have a low water impact because they generate electricity using solar panels, which do not require water for their operation. Unlike conventional power plants that rely on water for cooling purposes, solar power plants utilize the sun's energy directly, eliminating the need for significant water consumption.-Waste heat recovery, on the other hand, involves capturing and utilizing waste heat generated by industrial processes or equipment. This process helps to optimize energy efficiency by utilizing heat that would otherwise be wasted. Since waste heat recovery systems primarily focus on capturing and utilizing heat rather than water, their water impact is minimal.-In HVAC systems, cooling towers are typically utilized to dissipate heat by employing the principle of evaporative cooling, which involves the use of water. However, the water used in these systems is commonly recycled in a closed loop and reused multiple times, thereby minimizing water consumption.*

### (9.14.4) Please explain

*These services have a low water impact due to their reliance on renewable energy sources and the efficient utilization of heat rather than water. These approaches contribute to the conservation and sustainable use of water resources.*

*[Fixed row]*

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

**Water pollution**

### (9.15.1.1) Target set in this category

Select from:

Yes

### Water withdrawals

### (9.15.1.1) Target set in this category

Select from:

Yes

### Water, Sanitation, and Hygiene (WASH) services

### (9.15.1.1) Target set in this category

Select from:

Yes

### Other

### (9.15.1.1) Target set in this category

Select from:

No, but we plan to within the next two years

### (9.15.1.2) Please explain

*Our main goals are focused on water pollution, withdrawal, and WASH since our activities involve only domestic water usage. However, as a company aiming to improve sustainability performance, we continue to work towards targets related to efficiency and other areas.*

*[Fixed row]*

**(9.15.2) Provide details of your water-related targets and the progress made.**

**Row 1**

**(9.15.2.1) Target reference number**

Select from:

Target 1

**(9.15.2.2) Target coverage**

Select from:

Business division

**(9.15.2.3) Category of target & Quantitative metric**

**Water withdrawals**

Other water withdrawals, please specify :Reducing the per capita use of mains water

**(9.15.2.4) Date target was set**

12/31/2022

**(9.15.2.5) End date of base year**

12/30/2022

**(9.15.2.6) Base year figure**

9.63

**(9.15.2.7) End date of target year**

09/03/2023

### (9.15.2.8) Target year figure

9.54

### (9.15.2.9) Reporting year figure

8.88

### (9.15.2.10) Target status in reporting year

Select from:

Achieved

### (9.15.2.11) % of target achieved relative to base year

833

### (9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

Sustainable Development Goal 6

### (9.15.2.13) Explain target coverage and identify any exclusions

*The target to reduce per capita mains water withdrawal volume by 1% in 2023 compared to 2022 covers all business units (BUs) of Enerjisa Enerji. This includes water usage across all facilities and operations where water is utilized for cleaning, sanitary, and irrigation purposes. There are no exclusions within this target; it applies uniformly across all of Enerjisa Enerji's operations, ensuring a comprehensive approach to water conservation. The efforts to reduce water usage, such as the installation of deflators, perlators, sensor-fitted valves, and purified water dispensers, were implemented universally across all applicable facilities to meet the set reduction target.*

### (9.15.2.15) Actions which contributed most to achieving or maintaining this target

The actions that contributed most to achieving the water reduction target included the installation of water-saving equipment such as deflators, perlators, and sensor-fitted valves across Enerjisa Enerji's facilities, as well as the implementation of purified water dispensers. Additionally, the reduction in the water capacity of toilet reservoirs played a key role in conserving water. These efforts were supported by water conservation awareness campaigns, which raised employee awareness and encouraged more efficient water usage. Continuous monitoring and reporting of water usage across all operations also ensured that any inefficiencies were addressed promptly, contributing to the overall success in reducing per capita water withdrawal volume by 7.78% in 2023

### (9.15.2.16) Further details of target

As Enerjisa Enerji, in line with our sustainability vision, we aim to reduce our environmental footprint and create a positive impact on the planet. Water is utilized in our operations for cleaning, sanitary, and irrigation purposes. Although the water impacts resulting from our own activities may not be significant, we operate with awareness and consciousness of the importance of water for our value chain and all stakeholders. In this regard, we monitor and report our water usage across all our operations and work towards further reduction. Our target set in 2022 for the all BUs of Enerjisa Enerji was to reduce per capita mains water withdrawal volume by 1% in 2023 compared to 2022. In line with this target, during the year 2023, the equipment such as deflators, perlators, sensor-fitted valves, purified water dispensers were installed to reduce water usage, and the water capacity of toilets' reservoirs was decreased to promote water conservation. In 2022, branding campaigns were conducted with the aim of raising awareness about water conservation. As a result of these efforts, per capita water withdrawal volume which was 9.63 m<sup>3</sup>/person in 2022, decreased to 8.88 m<sup>3</sup>/person in 2023, achieving a 7,78% decrease.

## Row 2

### (9.15.2.1) Target reference number

Select from:

Target 2

### (9.15.2.2) Target coverage

Select from:

Organization-wide (direct operations only)

### (9.15.2.3) Category of target & Quantitative metric

#### Water pollution

Reduction in water discharge volumes

**(9.15.2.4) Date target was set**

12/31/2022

**(9.15.2.5) End date of base year**

12/30/2022

**(9.15.2.6) Base year figure**

9.63

**(9.15.2.7) End date of target year**

09/03/2023

**(9.15.2.8) Target year figure**

9.54

**(9.15.2.9) Reporting year figure**

8.88

**(9.15.2.10) Target status in reporting year**

Select from:

Achieved

**(9.15.2.11) % of target achieved relative to base year**

833

**(9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target**

Select all that apply

Sustainable Development Goal 6

### (9.15.2.13) Explain target coverage and identify any exclusions

*The target to reduce per capita mains water withdrawal volume by 1% in 2023 compared to 2022 covers all business units (BUs) of Enerjisa Enerji. This includes water usage across all facilities and operations where water is utilized for cleaning, sanitary, and irrigation purposes. There are no exclusions within this target; it applies uniformly across all of Enerjisa Enerji's operations, ensuring a comprehensive approach to water conservation. The efforts to reduce water usage, such as the installation of deflators, perlators, sensor-fitted valves, and purified water dispensers, were implemented universally across all applicable facilities to meet the set reduction target.*

### (9.15.2.15) Actions which contributed most to achieving or maintaining this target

*The actions that contributed most to achieving the water reduction target included the installation of water-saving equipment such as deflators, perlators, and sensor-fitted valves across Enerjisa Enerji's facilities, as well as the implementation of purified water dispensers. Additionally, the reduction in the water capacity of toilet reservoirs played a key role in conserving water. These efforts were supported by water conservation awareness campaigns, which raised employee awareness and encouraged more efficient water usage. Continuous monitoring and reporting of water usage across all operations also ensured that any inefficiencies were addressed promptly, contributing to the overall success in reducing per capita water withdrawal volume by 7.78% in 2023*

### (9.15.2.16) Further details of target

*Enerjisa Enerji only utilizes domestic water for its operations and does not engage in any polluting activities related to water. However, the company takes necessary measures to minimize the risk of harming water resources and prevent pollution, particularly in relation to the activities of its distribution unit, to preserve and sustain water resources. The company has set a target to reduce per capita mains water withdrawal for its all BUs in the year 2023. When calculating water data, we assume that the entire withdrawn water is discharged. As the amount of water withdrawn decreases, the amount we discharge will also decrease. This means providing less wastewater to the receiving environment, allowing resources to be used efficiently for a longer period and reducing the pollution load on the receiving environment. Our target set in 2022 for the all BUs of Enerjisa Enerji was to reduce per capita mains water withdrawal volume by 1% in 2023 compared to 2022. In line with this target, during the year 2023, the equipment such as deflators, perlators, sensor-fitted valves, purified water dispensers were installed to reduce water usage, and the water capacity of toilets' reservoirs was decreased to promote water conservation. In 2022, branding campaigns were conducted with the aim of raising awareness about water conservation. As a result of these efforts, per capita water withdrawal volume which was 9.63 m<sup>3</sup>/person in 2022, decreased to 8.88 m<sup>3</sup>/person in 2023*

## Row 3

### (9.15.2.1) Target reference number

Select from:

Target 3

### (9.15.2.2) Target coverage

Select from:

Organization-wide (including suppliers)

### (9.15.2.3) Category of target & Quantitative metric

**Water, Sanitation, and Hygiene (WASH) services**

Other WASH, please specify :Increasing WASH Score according to WBCSD Self-Assessment Tool

### (9.15.2.4) Date target was set

12/31/2022

### (9.15.2.5) End date of base year

12/30/2022

### (9.15.2.6) Base year figure

79.0

### (9.15.2.7) End date of target year

09/03/2030

### (9.15.2.8) Target year figure

85.0



### (9.15.2.9) Reporting year figure

80

### (9.15.2.10) Target status in reporting year

Select from:

Underway

### (9.15.2.11) % of target achieved relative to base year

17

### (9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

Sustainable Development Goal 6

### (9.15.2.13) Explain target coverage and identify any exclusions

*Water consumption of all business units are included in target with*

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

*We aim to enhance our business score to 85% by 2030 by implementing suitable enhancements, such as developing the WASH monitoring system in our Occupational Health and Safety assessment processes including suppliers. According to this goal, our three distribution companies conducted Contractor Living Areas and Workforce Management inspections at 10 contractor sites in 2022 for the first time. These inspections aimed to assess, monitor, and improve the conditions at our contractor firms. Contractor site inspections ensured compliance with various requirements in our contractor companies, ranging from worker rights to environmental and occupational health and safety. The assessments included inquiries about the source of drinking and utility water, presence of wastewater and sewage connections, cleanliness of shared areas with documented records, availability of an adequate number of toilets, and provision of separate toilet and bathing facilities based on gender, among many other question*

### (9.15.2.16) Further details of target

*Enerjisa Enerji utilizes the World Business Council for Sustainable Development's (WBSCD) Self-Assessment Tool for Evaluating Access to Water, Sanitation, and Hygiene (WASH) to assess its own performance. According to this tool, the Company achieved a business score of 80% in 2023. As stated in our water policy, we take necessary precautions to provide safe drinking water, monitor and improve sanitation infrastructure, and implement hygiene standards in our workplaces to support the health and well-being of our employees and stakeholders. We aim to support the sustainable use of water resources, ensure the provision of safe drinking water, improve sanitation infrastructure, and implement hygiene standards. By implementing the required measures, we aim to enhance health and well-being throughout the entire value chain. Therefore, we aim to enhance our business score to 85% by 2030 by implementing suitable enhancements, such as developing the WASH monitoring system in our Occupational Health and Safety assessment processes including suppliers.*

*[Add row]*

## C10. Environmental performance - Plastics

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

	Targets in place
	Select from: <input checked="" type="checkbox"/> No, but we plan to within the next two years

[Fixed row]

## C13. Further information & sign off

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

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

### Row 1

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

Select all that apply

Climate change

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

##### Environmental performance – Climate change

Waste data

Electricity/Steam/Heat/Cooling consumption

- Fuel consumption
- Base year emissions
- Progress against targets
- Energy attribute certificates (EACs)
- Year on year change in absolute emissions (Scope 1 and 2)
- Year on year change in emissions intensity (Scope 1 and 2)

- Emissions reduction initiatives/activities
- Year on year change in absolute emissions (Scope 3)
- Renewable Electricity/Steam/Heat/Cooling consumption
- Year on year change in emissions intensity (Scope 3)

### (13.1.1.3) Verification/assurance standard

#### General standards

- ISAE 3000
- ISAE 3410, Assurance Engagements on Greenhouse Gas Statements

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

*Third-party verification was performed using ISAE 3000 and ISAE 3410 standards.*

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

*Enerjisa Enerji CDP CC Assurance Report\_2024\_R.pdf*

## Row 2

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

*Select all that apply*

- Water

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

### **Environmental performance – Water security**

- Water consumption– total volume
- Water discharges – volumes by destination
- Water withdrawals– total volumes
- Water withdrawals – volumes by source

### **(13.1.1.3) Verification/assurance standard**

#### **General standards**

- ISAE 3000

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

*Third-party verification was performed using ISAE 3000 standard.*

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

*Enerjisa Enerji CDP WS Assurance Report\_2024.pdf*  
*[Add row]*

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

#### **(13.3.1) Job title**

*CEO*

#### **(13.3.2) Corresponding job category**

*Select from:*

Chief Executive Officer (CEO)

*[Fixed row]*

**(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.**

*Select from:*

No

