



# Greenhouse Gases Verification Statement

Statement (No. 20000230008709)



The inventory of Greenhouse Gas emissions Report of:

## EAE ELEKTRİK AYDINLATMA ENDÜSTRİSİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Factory: OSB Mah. 14. Sok. Fabrika Binası (A+B+C Blok) No: 3/1  
Dilovası/Kocaeli  
Center: İkitelli OSB Ziyagökalp Mah. Eski Turgut Özal Cad. No: 20  
Başakşehir/İstanbul  
in the Reporting period: 2022

which has been prepared according to the requirements of the standard:

### ISO 14064-1:2018

and verified in accordance with ISO 14064-3:2019, is satisfactory and there are not any material misstatements.

The declared GHG emissions, analyzed as:

<b>Total GHG emissions:</b>	<b>605.455,69</b>	<b>t CO<sub>2e</sub></b>
Direct GHG emissions:	1.522,52	t CO <sub>2e</sub>
Indirect GHG emissions:	603.933,17	t CO <sub>2e</sub>
- imported energy:	1.592,15	t CO <sub>2e</sub>
- transportation	2.799,15	t CO <sub>2e</sub>
- products used by organization:	17.774,71	t CO <sub>2e</sub>
- from other sources	581.767,17	t CO <sub>2e</sub>
<b>Removals of GHG emissions:</b>	<b>0</b>	<b>t CO<sub>2e</sub></b>

Verification Statement No.: 20000230008709

Athens, 2023-04-10

Certification Body  
at TÜV AUSTRIA

Ioannis Kallias  
General Manager

TÜV AUSTRIA HELLAS  
429, Mesogeion Ave.  
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GEMI No.: 1650201000



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## Scope

- organizational boundaries of the GHG project and its baseline scenarios; Dilovası/Kocaeli and Başakşehir/Istanbul, Türkiye
- physical infrastructure, activities, technologies and processes of the organization or GHG project; Design, Production and Sales of Professional Indoor and Outdoor Lighting Products and Lighting Automation Systems for Industrial Facilities, Commercial Enterprises, Streets and Outdoors
- GHG sources, sinks and/or reservoirs;
  - Category 1: Emissions from Fuel Used, Emissions from Natural Gas Consumption, Emissions from Refrigerants, Emissions from Fire Extinguisher Systems
  - Category 2: Emissions from Electricity Consumption.
  - Category 3: Emissions from Personnel Transportation, Emissions from Transfer Vehicles, Emissions from Travel, Emissions from Accommodation
  - Category 4: Emissions from Water Consumption, Emissions from Purchased Goods, Emissions from Wastewater, Domestic Waste, Emissions from Solid Waste, Emissions from Contract Service
  - Category 5: Emissions from End-Of-Life Treatment of Products Sold
  - Category 6: Emissions from Fuel and Energy Transmission and Distribution
- types of GHGs; CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs
- time period(s): 2022

## Assurance level

The assurance level agreed with the Company is that of reasonable assurance.

## Materiality level

For the purposes of the verification, the agreed level of assurance has been defined as +/- 5,4%, based on the GHG Assertion.

## Intended use

The Emissions Report is intended to be used by the Company for the following uses:

- Public.

## Conclusions

The Company provided its assertions in the Emissions Report for the reporting year 2022 (1/1/2022-31/12/2022), based on the requirements of the standard ISO 14064-1:2018. The reported by the Company GHG emissions, for the above mentioned time period, have been verified by the Verification Body and they are in accordance with those reported in the 1<sup>st</sup> page of the present statement, consistent with the agreed scope, objective and verification criteria.

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TÜV Austria Hellas, accredited Verification Body for GHG emissions against ISO 14065:2020, Accreditation number 876, verifies with reasonable assurance that the GHG emissions Report of the organization.

## Information about the verification

The verification body TÜV AUSTRIA Hellas ("Verification Body") has undertaken the third-party verification of the information included in the annual GHG Emissions Report ("Emissions Report") for the reporting year 2022 (1/1/2022-31/12/2022) of the company EAE ELEKTRİK AYDINLATMA ENDÜSTRİSİ SANAYİ VE TİCARET ANONİM ŞİRKETİ ("Company"), according to the requirements of the standard ISO 14064-1:2018. The responsibility for the information included in the Emissions Report remains exclusively to the Company. The Verification Body conducted sampling inspection of evidence and data, and the relevant procedures and systems, aiming to the verification of the Emission Report.

It is noticed that the Verification Body has not ever provided any consulting services to the Company.

## Verification Objective and Scope

The Verification Body conducted the following third-party verification tasks, during the time period of 01/01/2022 to 31/12/2022:

1. Evaluation of the management system and the methodology for the quantification, monitoring and reporting of the GHG emissions of the company, according to the requirements of the standards ISO 14064-1:2018 and ISO 14064-3:2019.
2. Onsite verification audits at the following sites:
  - Factory: OSB Mah. 14. Sok. Fabrika Binası (A+B+C Blok) No: 3/1 Dilovası/Kocaeli  
Center: İkitelli OSB Ziyagökalp Mah. Eski Turgut Özal CAđ. No: 20 Başakşehir/İstanbul  
aiming at:
  - the verification of the existence and application of systems appropriate for monitoring, collection, processing and reporting of data contained in the Emission Report and the documents of the GHG emissions management system of the Company.
  - the assurance of the reliability, the relevance, the completeness, the consistency, the accuracy and the transparency of the quantitative and qualitative data contained in the Emissions Report, without any material errors, omissions or misrepresentations.

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The verification tasks followed the requirements of the standard ISO 14064-3:2019 and were based on a risk analysis approach, resulting to appropriate, per case, sampling schemes for the collection of the necessary evidence, tracing back from the Emission Report' references to the primary data.

All data and information supporting the GHG assertions in the Emission Report were based on data and information of historical in nature.

- Category 1: 1.522,52 TON CO2E
- Category 2: 1.592,15 TON CO2E
- Category 3: 2.799,15 TON CO2E
- Category 4: 17.774,71 TON CO2E
- Category 5: 581.246,58 TON CO2E
- Category 6: 520,59 TON CO2E

## Verification Decision

Based on the verification process, procedures and tasks conducted, the GHG assertions included in the Emission Report:

- are materially correct and a fair representation of the GHG data and information
- are prepared and presented in accordance with the standard ISO 14064-1:2018 for the GHG quantification, monitoring and reporting.

GHG emissions Report is satisfactory and there are not material misstatements.

When the issuance of an opinion is satisfactory with comments or unsatisfactory the verifier or validator shall state the reasons for the decision and place this description before the verifier's or validator's conclusion

## Opportunities for Improvement - Findings

Based on the findings and conclusions derived from the verification process, the Verification Body's recommendations for the improvement of the Company's future Emissions Reports are as follows:

- Raising awareness of the staff on energy consumption is required.

On behalf of TÜV AUSTRIA Hellas,  
Athens, 10/04/2023

Remziye Yıldız

Lead GHG Verifier

Ioannis Kallias

General Manager

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