

Verification Opinion

GHGEV 669871 – 06.05.2023

Responsible Party: Akenerji Elektrik Üretim A.S.
Miralay Sefik Bey Sk. Akhan No:15 Kat:4
Gumussuyu, Istanbul
34437, Turkey

Type of GHG Statement:
Organisational

Identification of GHG Statement:
Akenerji Elektrik Üretim A.S. GHG Report 2022

Scope of activities:
Electricity production

Organisational Boundary:
Operational Control

Sites Included in Organisational Boundary:
It contains the data of Akenerji Elektrik Üretim A.Ş.'s Erzin Natural Gas Combined Cycle Power Plant, located at the address of Hatay Province, Erzin District Aşağı Burnaz Mevkii, Latitude: 237604.00 Longitude: 4090973.00

Reporting Boundary:

GHG emissions aggregated into the following categories at the organisational level

- Direct GHG emissions and removals
- Indirect greenhouse gas emissions from imported energy;
- Indirect GHG emissions from transportation
- Indirect GHG emissions from products used by the organisation
- Indirect GHG emissions associated with the use of products from the organisation
- Greenhouse gas emissions from other sources

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Criteria for developing the organisational carbon footprint:
 ISO14064-1:2018
 Akenerji Elektrik Uretim A.S. GHG Management System Documentation

Level of Assurance:
 Limited

Materiality level:
 %7

Period:
 01.01.2022-31.12.2022

GHG Emissions:

<i>DIRECT GHG EMISSIONS</i>		
1- Direct GHG emissions and removals;	1.143.603	tCO2e
<i>INDIRECT GHG EMISSIONS</i>		
2 - Indirect GHG emissions from imported energy;	7.821	tCO2e
3 - Indirect GHG emissions from transportation;	187.076	tCO2e
4 - Indirect GHG emissions from products used by organization;	2	tCO2e
5 - Indirect GHG emissions associated with the use of products from the organization;	911.056	tCO2e
6 - Indirect GHG emissions from other sources	2.665	tCO2e
TOTAL (Location based)	2.252.223	tCO2e

Anthropogenic biogenic GHG emissions	2.252.223	tCO2e
Non-anthropogenic biogenic GHG emissions	46	tCO2e

Verification Opinion: Verified as Satisfactory

Based on the process and procedures conducted, there is no evidence that the GHG report 2022 produced by Akenerji Elektrik Uretim A.S.

- is not a fair representation of GHG data and information;
- has not been prepared in accordance with ISO14064-1:2018

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Verification Activities:

The following were the verification activities undertaken:

- Evaluation of the monitoring and controls systems through interviewing employees observation & inquiry
- Verification of the data through sampling recalculation, retracing, cross checking, reconciliation

The quantification and reporting of the carbon footprint have been independently verified by BSI against the specifications defined in ISO 14064-1:2018. The verification activity has been carried out in accordance with ISO 14064-3:2019 and the principles of ISO 14065:2020

Responsibilities:

The data on which the footprint is based has been provided by Akenerji Elektrik Uretim A.S. in the document GHG report 2022. This document is the responsibility of Akenerji Elektrik Uretim A.S. and is historical in nature.

The responsible party is responsible for the preparation and fair presentation of the GHG statement in accordance with the criteria.

The verifier is responsible for expressing an opinion on the GHG statement based on the verification

Lead Verifier: Mehmet Kumru



Signed on behalf of BSI:

Theuns Kotze, Managing Director Assurance – IMETA

Issue Date: 31.05.2023

NOTE: BSI Eurasia Belgelendirme Hizm. Ltd. Sti. is independent to and has no financial interest in Akenerji Elektrik Uretim A.S. This verification Opinion has been prepared for Akenerji Elektrik Uretim A.S. only for the purposes of verifying its statement relating to its carbon emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Eurasia Belgelendirme Hizm. Ltd. Sti. has assumed that all information provided to it by Akenerji Elektrik Uretim A.S. is true, accurate and complete. BSI Eurasia Belgelendirme Hizm. Ltd. Sti. accepts no liability to any third party who places reliance on this Statement.