



Carbon Footprint Verification

Verification Opinion Statement

This is to verify that:

Zorlu Dogal Elektrik Uretimi A.S.

Denizli/Saraykoy 20300 Turkey

Holds Statement No: **GHGEV 635286**

EMISSIONS DETAILS

Reporting Year(s):	01/01/2020-31/12/2020
Date of Emissions Report:	15.06.2021
Scope 1 Emissions in tCO ₂ e	1.051.042
Scope 2 Emissions in tCO ₂ e	4.403
Scope 3 Emissions in tCO ₂ e	n/a
Total Reported Emissions in tCO ₂ e	1.055.445

FACILITY VERIFICATION DETAILS

Proportion of facilities inspected during the verification?	100%
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OPINION - verified: BSI Group Eurasia Certification Services Inc has conducted a verification of the greenhouse gas data reported by *Zorlu Dogal Elektrik Uretimi A.S.* in its Emissions Report dated 15th June 2021 and presented above. On the basis of the verification work undertaken (see Annex 1) these data are fairly stated.

OPINION - verified with comments: As a result of verification procedures, it is the opinion of BSI with reasonable assurance that:
The Greenhouse Gas Emissions for the period from 01/01/2020 to 31/12/2020 is 1.055.445 tonnes of CO₂ equivalent (materiality level is 5%).
No material misstatements in the selected base year Greenhouse Gas Emissions calculation for *Zorlu Dogal Elektrik Uretimi A.S.* were revealed.
Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2006.

Lead Verifier :	<i>Furkan Sadıkođlu</i>
Technical Reviewer :	<i>Mehmet Kumru</i>
Signed on behalf of BSI Group Eurasia Certification Services Inc :	<i>Yonca akır</i>
Date of Opinion :	09.07.2021





ANNEX 1 - BASIS OF THE OPINION

Objectives and scope of the Verification:

To examine the Reporting Company's emissions report for the Greenhouse Gas (GHG) Program identified above; and to confirm compliance with the rules, principles and monitoring requirements of the Program; and to verify that the reported emissions figures and associated information are compliant and accurate to within the agreed Materiality threshold.

Responsibilities:

The Reporting Company (named above) is solely responsible for the preparation and reporting of GHG Emission for the purposes of the GHG Program (named above); for any information and assessments that support the reported data; for determining the Company's objectives in relation to GHG information and for establishing and maintaining appropriate performance management and internal control systems from which the reported information is derived.

In accordance with the verification contract dated 2019 it is the responsibility of BSI Group Eurasia Certification Services Inc to form an independent opinion, based on the examination of information and data presented in the Emissions Report, and to report that opinion to the Company. We will also report if, in our opinion (see Annex 2) :

- any information or assessments relating to the disclosed data are inconsistent with the verification findings; or
- the verification team has not received all the information and explanations that it requires to conduct its examination; or
- we become aware of additional information, the omission of which may result in the reported data being materially misstated or misleading.

Without qualifying our Opinion, we may also report to the Company any opportunities identified for improvement in the robustness of emissions accounting and reporting processes (these are identified in Annex 2).

Work performed & basis of the opinion:

We conducted our examination having regard to the reference documents 1-# outlined below. This involved examining, on a test basis, evidence to give us reasonable assurance that the amounts and disclosures relating to the data have been properly prepared in accordance with the rules and principles of ISO14064-1:2006, as outlined in reference documents A-# below.

In testing the emissions accounting and reporting processes, we examined elements at both entity consolidation level and a selection of local facilities.

This examination also involved assessing where necessary estimates and judgments made by the Company in preparing the data and considering the overall adequacy of the presentation of the data in the Emissions Report.

Reference documents cited :

Conduct of the Verification

- 1) ISO 14065:2007 - Requirements for GHG validation and verification bodies for use in accreditation and other forms of recognition
- 2) ISO 14064-3:2006 - Part 3 - Specification with guidance for the validation and verification of greenhouse gas assertions

Rules etc of the GHG Program

- A) ISO14064-1:2006 - Part 1 - Specification with guidance at organizational level for quantification and reporting of greenhouse gas emissions and removals






ANNEX 2 - ISSUES ARISING FROM THE VERIFICATION THAT ARE REQUIRED TO BE REPORTED

A. Material Non-Conformances with Reporting Protocols etc and/or Material Mis-statement

- A1
- A2
- A3
- A4
- A5
- A6
- A7
- A8
- A9
- A10

B. Other improvement opportunities (e.g. to aid information system robustness, transparency etc.)

- B1
- B2
- B3
- B4
- B5
- B6
- B7
- B8
- B9
- B10



Carbon Footprint Verification Verification Opinion Statement

This is to verify that:

Zorlu Enerji Elektrik Uretim A.S.

Organize San. Bol. Pembe Cad. No:13 Nilufer/Bursa 16110 Turkey

Holds Statement No: **GHGEV 635286**

EMISSIONS DETAILS

Reporting Year(s):	01/01/2020-31/12/2020
Date of Emissions Report:	15.06.2021
Scope 1 Emissions in tCO ₂ e	102.663
Scope 2 Emissions in tCO ₂ e	182
Scope 3 Emissions in tCO ₂ e	n/a
Total Reported Emissions in tCO ₂ e	102.845

FACILITY VERIFICATION DETAILS

Proportion of facilities inspected during the verification?	100%
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OPINION - verified: BSI Group Eurasia Certification Services Inc has conducted a verification of the greenhouse gas data reported by *Zorlu Enerji Elektrik Uretim A.S.* in its Emissions Report dated 15th June 2021 and presented above. On the basis of the verification work undertaken (see Annex 1) these data are fairly stated.

OPINION - verified with comments: As a result of verification procedures, it is the opinion of BSI with reasonable assurance that:
The Greenhouse Gas Emissions for the period from 01/01/2020 to 31/12/2020 is 102.845 tonnes of CO₂ equivalent (materiality level is 5%).
No material misstatements in the selected base year Greenhouse Gas Emissions calculation for *Zorlu Enerji Elektrik Uretim A.S.* were revealed.
Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2006.

Lead Verifier :	<i>Furkan Sadıkođlu</i>
Technical Reviewer :	<i>Mehmet Kumru</i>
Signed on behalf of BSI Group Eurasia Certification Services Inc :	<i>Yonca akır</i>
Date of Opinion :	09.07.2021





ANNEX 1 - BASIS OF THE OPINION

Objectives and scope of the Verification:

To examine the Reporting Company's emissions report for the Greenhouse Gas (GHG) Program identified above; and to confirm compliance with the rules, principles and monitoring requirements of the Program; and to verify that the reported emissions figures and associated information are compliant and accurate to within the agreed Materiality threshold.

Responsibilities:

The Reporting Company (named above) is solely responsible for the preparation and reporting of GHG Emission for the purposes of the GHG Program (named above); for any information and assessments that support the reported data; for determining the Company's objectives in relation to GHG information and for establishing and maintaining appropriate performance management and internal control systems from which the reported information is derived.

In accordance with the verification contract dated 2019 it is the responsibility of BSI Group Eurasia Certification Services Inc to form an independent opinion, based on the examination of information and data presented in the Emissions Report, and to report that opinion to the Company. We will also report if, in our opinion (see Annex 2) :

- any information or assessments relating to the disclosed data are inconsistent with the verification findings; or
- the verification team has not received all the information and explanations that it requires to conduct its examination; or
- we become aware of additional information, the omission of which may result in the reported data being materially misstated or misleading.

Without qualifying our Opinion, we may also report to the Company any opportunities identified for improvement in the robustness of emissions accounting and reporting processes (these are identified in Annex 2).

Work performed & basis of the opinion:

We conducted our examination having regard to the reference documents 1-# outlined below. This involved examining, on a test basis, evidence to give us reasonable assurance that the amounts and disclosures relating to the data have been properly prepared in accordance with the rules and principles of ISO14064-1:2006, as outlined in reference documents A-# below.

In testing the emissions accounting and reporting processes, we examined elements at both entity consolidation level and a selection of local facilities.

This examination also involved assessing where necessary estimates and judgments made by the Company in preparing the data and considering the overall adequacy of the presentation of the data in the Emissions Report.

Reference documents cited :

Conduct of the Verification

- 1) ISO 14065:2007 - Requirements for GHG validation and verification bodies for use in accreditation and other forms of recognition
- 2) ISO 14064-3:2006 - Part 3 - Specification with guidance for the validation and verification of greenhouse gas assertions

Rules etc of the GHG Program

- A) ISO14064-1:2006 - Part 1 - Specification with guidance at organizational level for quantification and reporting of greenhouse gas emissions and removals






ANNEX 2 - ISSUES ARISING FROM THE VERIFICATION THAT ARE REQUIRED TO BE REPORTED

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B. Other improvement opportunities (e.g. to aid information system robustness, transparency etc.)

- B1
- B2
- B3
- B4
- B5
- B6
- B7
- B8
- B9
- B10



Carbon Footprint Verification

Verification Opinion Statement

This is to verify that:

Zorlu Jeotermal Elektrik Uretim A.S.

Erenkoy Osmaniye Ceseli Koyleri Mevkii Alasehir/Manisa 45600 Turkey

Holds Statement No: **GHGEV 635286**

EMISSIONS DETAILS

Reporting Year(s):	01/01/2020-31/12/2020
Date of Emissions Report:	15.06.2021
Scope 1 Emissions in tCO ₂ e	43.220
Scope 2 Emissions in tCO ₂ e	84
Scope 3 Emissions in tCO ₂ e	n/a
Total Reported Emissions in tCO ₂ e	43.304

FACILITY VERIFICATION DETAILS

Proportion of facilities inspected during the verification?	100%
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OPINION - verified: BSI Group Eurasia Certification Services Inc has conducted a verification of the greenhouse gas data reported by *Zorlu Jeotermal Elektrik Uretim A.S.* in its Emissions Report dated *15th June 2021* and presented above. On the basis of the verification work undertaken (see Annex 1) these data are fairly stated.

OPINION - verified with comments: As a result of verification procedures, it is the opinion of BSI with reasonable assurance that:
The Greenhouse Gas Emissions for the period from 01/01/2020 to 31/12/2020 is 43.304 tonnes of CO₂ equivalent (materiality level is 5%).
No material misstatements in the selected base year Greenhouse Gas Emissions calculation for *Zorlu Jeotermal Elektrik Uretim A.S.* were revealed.
Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2006.

Lead Verifier : *Furkan Sadıkođlu*
Technical Reviewer : *Mehmet Kumru*
Signed on behalf of BSI Group Eurasia Certification Services Inc : *Yonca akır*
Date of Opinion : *09.07.2021*



ANNEX 1 - BASIS OF THE OPINION

Objectives and scope of the Verification:

To examine the Reporting Company's emissions report for the Greenhouse Gas (GHG) Program identified above; and to confirm compliance with the rules, principles and monitoring requirements of the Program; and to verify that the reported emissions figures and associated information are compliant and accurate to within the agreed Materiality threshold.

Responsibilities:

The Reporting Company (named above) is solely responsible for the preparation and reporting of GHG Emission for the purposes of the GHG Program (named above); for any information and assessments that support the reported data; for determining the Company's objectives in relation to GHG information and for establishing and maintaining appropriate performance management and internal control systems from which the reported information is derived.

In accordance with the verification contract dated 2019 it is the responsibility of BSI Group Eurasia Certification Services Inc to form an independent opinion, based on the examination of information and data presented in the Emissions Report, and to report that opinion to the Company. We will also report if, in our opinion (see Annex 2):

- any information or assessments relating to the disclosed data are inconsistent with the verification findings; or
- the verification team has not received all the information and explanations that it requires to conduct its examination; or
- we become aware of additional information, the omission of which may result in the reported data being materially misstated or misleading.

Without qualifying our Opinion, we may also report to the Company any opportunities identified for improvement in the robustness of emissions accounting and reporting processes (these are identified in Annex 2).

Work performed & basis of the opinion:

We conducted our examination having regard to the reference documents 1-# outlined below. This involved examining, on a test basis, evidence to give us reasonable assurance that the amounts and disclosures relating to the data have been properly prepared in accordance with the rules and principles of ISO14064-1:2006, as outlined in reference documents A-# below.

In testing the emissions accounting and reporting processes, we examined elements at both entity consolidation level and a selection of local facilities.

This examination also involved assessing where necessary estimates and judgments made by the Company in preparing the data and considering the overall adequacy of the presentation of the data in the Emissions Report.

Reference documents cited :

Conduct of the Verification

- 1) ISO 14065:2007 - Requirements for GHG validation and verification bodies for use in accreditation and other forms of recognition
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Rules etc of the GHG Program

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ANNEX 2 - ISSUES ARISING FROM THE VERIFICATION THAT ARE REQUIRED TO BE REPORTED

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