# VERIFICATION AND CERTIFICATION REPORT

EKSIM ENERJI A.S.

KILLIK WIND POWER PLANT

IN

TURKEY

MONITORING PERIOD:
From 16/09/2021 to 31/03/2023 (both days included)

# PROJECT NUMBER: 853

| | | | | |
|---|---|---|---|---|
| **Organizational Unit:** | Re Carbon Ltd. | | | |
| **Project Title:** | Killik Wind Power Plant | | | |
| **Project Number:** | **Client:** | | **Current MR Version:** | |
| 853 | Eksim Enerji A.Ş. | | 5 | |
| **Date of First Issue:** | **Date of Current Version:** | **Version Number:** | **Number of Pages:** | |
| 10/06/2023 | 03/04/2023 | 03 | 88 | |
| **Verification Number:** | **Registration Number:** | **Monitoring Period:** | | |
| 1st (in CP2)<br>3rd (in total) | GS947 | From: 16/09/2021 | To: 31/03/2023 | |


## Summary:

**Host Country:** Turkey

**Project is Reviewed Against:**

☒ Kyoto Protocol ☒ UNFCCC CDM rules and regulations and associated documents

☒ Gold Standard rules and regulations ☐ Other (Please Specify)

**Methodology:** ACM0002 "Grid-connected electricity generation from renewable sources" **Version:** 20.0

**Verified Emissions Reductions:** 85,883 $tCO_2e$

**Project Size:** ☒ Large Scale ☐ Small Scale ☐ Micro Scale


| | |
|---|---|
| **Project Developers:** | Sekans Danışmanlık |

**Verification Stages:**

☒ Desk Review ☒ Site Visit ☒ Follow-up Interviews

☒ Resolution of Outstanding Issues

**Verification Findings:**

During the verification 35 Corrective Action Requests and 07 Clarification Requests were issued, all of which were closed out before the issuance of this verification report. No Forward Action Requests were issued during the verification.

In summary, it is Re Carbon Ltd.'s opinion that the project activity "Killik Wind Power Plant" in Turkey, is in compliance with the monitoring plan described in the registered PDD, version 9 and dated 28/08/2022. The GHG emission reductions are calculated correctly as per the applied methodology and the emission reductions given in the monitoring report version 5 dated 12/03/2024 are fairly stated.

| | | | |
|---|---|---|---|
| **Verification Team Leader:** | Ms. Öykü YAKUPOĞLU | | **Indexing Terms:** |
| **Verification Team Members:** | N/A | | ☒ No distribution without permission of the client or responsible organizational unit |
| **Approved By** | **Name:** | **Signature:** | ☐ Limited Distribution |

| | | | |
|---|---|---|---|
| **(Technical Reviewer):** | Mr. Rohit BADAYA |  | ☐ Unrestricted Distribution |

## Abbreviations

**CAR** : Corrective Action Request
**CDM** : Clean Development Mechanism
**CEF** : Carbon Emission Factor
**CER** : Certified Emission Reduction(s)
**CL** : Clarification request
**$CO_2$** : Carbon dioxide
**$CO_2e$** : Carbon dioxide equivalent
**DNA** : Designated National Authority
**DOE** : Designated Operational Entity
**DR** : Document Review
**EF** : Emission Factor
**ER** : Emission Reductions
**ERPA** : Emission Reduction Purchase Agreement
**FAR** : Forward Action Request
**GHG** : Greenhouse gas(es)
**GS** : Gold Standard
**GS4GG**: Gold Standard for Global Goals
**GWP** : Global Warming Potential
**I** : Interview
**IPCC** : Intergovernmental Panel on Climate Change
**kWh** : Kilo Watt Hour
**MP** : Monitoring Plan
**MoV** : Means of Verification
**MW** : Mega Watt
**MWh** : Mega Watt Hour
**NGO** : Non-governmental Organisation
**ODA** : Official Development Assistance
**PDD** : Project Design Document
**PD** : Project Developer(s)
**tCO2e** : Tonnes of CO2 equivalents
**UNFCCC:** United Nations Framework Convention on Climate Change

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# 1. EXECUTIVE SUMMARY– VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 3rd verification (first verification of the second crediting period) of the "Killik Wind Power Plant", a Gold Standard project with the registry reference number "GS947" for the monitoring period in between 16/09/2021 and 31/03/2023. The scope of the activities cover the verification and certification of GHG emissions reductions reported in the Monitoring Report Version 5, dated 13/03/2024 of "Killik Wind Power Plant".

Re Carbon Ltd. hereby confirms that the project activity "Killik Wind Power Plant" in Turkey, is implemented in accordance with the validated and registered PDD version 9, dated 28/08/2022. The monitoring system is in place and the emission reductions are calculated without material misstatements as per the applied approved methodology, which is ACM0002 "Grid-connected electricity generation from renewable sources", Version 20.0.

Re Carbon Ltd. confirms the following based on the results of document review and on-site assessment:

The implementation of the project has resulted in the avoidance of 85,883 tCO2e during the monitoring period in between 16/09/2021 and 31/03/2023.

# 2. INTRODUCTION

## 2.1. Objective

Through a contract, dated 18/02/2022, Re Carbon Ltd. was appointed by "Eksim Enerji A.Ş." to perform the 3rd verification (first verification of the second crediting period) of the "Killik Wind Power Plant". The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report version 5 dated "13/03/2024" conforms with the requirements of the monitoring plan of the registered PDD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PDD, and
- if the data reported in the monitoring report are complete and transparent.

## 2.2. Scope

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PDD version 9, dated 28/08/2022.

The project activity and the monitoring report are assessed against the requirements of Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed on in the Marrakech Accords under decision 3/CMP.1, the annexes to that decision, ACM0002 "Grid-connected electricity generation from renewable sources", Version 20.0, subsequent decisions and guidance made by COP/MOP and the CDM Executive Board as well as other related rules, according to the guidance given in the CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, Gold Standard for the Global Goals (GS4GG) version 1.2 and other relevant GS4GG requirements.

The only purpose of the verification and certification is its usage during the issuance process as part of the GS project cycle. Therefore, Re Carbon Ltd. cannot be held liable by any party for decisions made or not made based on the verification and certification opinion, which will go beyond that purpose.

## 2.3. Description of the Project Activity

"Killik Wind Power Plant" is operated by "Tokat Enerji A.Ş." as per the official documents (e.g. generation license, provisional acceptance document and so on) of the project activity. The company is grouped under "Eksim Enerji A.Ş." by the same project owner. Therefore, the project owner of the project activity is chosen as "Eksim Enerji A.Ş.". The project activity is located in the mid-Black Sea Region, Tokat Province of Turkey. The project site is located amongst Killik, Cayoren and Tekneli Villages. There are 34 wind turbines in the project site. The relevant installed capacity is 94 MWm/89.5 MWe as per the generation license. As the registered capacity of the project is considered (16 wind turbines, from T1 to T16, with total 40 MWe installed capacity), the electricity generation and the emission reduction of the added units (18 wind turbines, from T17 to T34, with total 49.5 MWe installed capacity) are ignored for this monitoring period (i.e. 16/09/2021 – 31/03/2023).

The commissioning dates of all wind turbines are as follows:

| Turbine No. | Commissioning Date |
|---|---|
| T1, T2, T3, T4, T5, T7, T8, T9 | 13/10/2011 |
| T10, T11, T13, T14, T15, T16 | 01/12/2011 |
| T6, T12 | 17/12/2011 |
| T17, T18, T19, T28, T29, T32, T34 | 21/07/2017 |
| T25, T26, T27, T33 | 04/08/2017 |
| T20, T21, T22, T23, T24, T30, T31 | 08/09/2017 |

The commissioning dates have been confirmed via the provisional acceptance documents of the wind turbines.

As per the generation license, the installed capacities of all wind turbines are [16 x (2.5 MWm/2.5 MWe) + 12 x (3 MWm/3 MWe) + 3 x (3 MWm/2.5 MWe) + 3 x (3 MWm/2 MWe)] = 94 MWm/89.5 MWe.

As per the generation license, the installed capacities of the registered wind turbines are [16 x 2.5 MWm/2.5 MWe)] = 40 MWm/40 MWe.

Also, again as per the generation license, the project coordinates of the wind turbines are as follows:

| Turbine | E (Longitude) | N (Latitude) |
|---|---|---|
| 1 | 289390,000 | 4450211,000 |
| 2 | 289778,000 | 4450597,000 |
| 3 | 289974,000 | 4450522,000 |
| 4 | 290167,000 | 4450752,000 |
| 5 | 290650,000 | 4450774,000 |
| 6 | 291042,000 | 4450993,000 |
| 7 | 291416,000 | 4450883,000 |

| | | |
|---|---|---|
| 8 | 291753,000 | 4450504,000 |
| 9 | 292090,000 | 4451322,000 |
| 10 | 292792,000 | 4451560,000 |
| 11 | 292732,000 | 4450876,000 |
| 12 | 292878,000 | 4450730,000 |
| 13 | 293091,000 | 4451296,000 |
| 14 | 293338,000 | 4451435,000 |
| 15 | 294023,000 | 4451205,000 |
| 16 | 294246,000 | 4451426,000 |
| 17 | 292606,000 | 4451633,000 |
| 18 | 292396,000 | 4451674,000 |
| 19 | 292222,000 | 4451785,000 |
| 20 | 295710,000 | 4451426,000 |
| 21 | 295590,000 | 4451715,000 |
| 22 | 295374,000 | 4451831,000 |
| 23 | 295048,000 | 4451762,000 |
| 24 | 294844,000 | 4451818,000 |
| 25 | 289620,000 | 4450713,000 |
| 26 | 289505,000 | 4450886,000 |

| | | |
|---|---|---|
| 27 | 291027,000 | 4450509,000 |
| 28 | 290859,000 | 4450855,000 |
| 29 | 293835,000 | 4451510,000 |
| 30 | 294441,000 | 4451045,000 |
| 31 | 294678,000 | 4451168,000 |
| 32 | 291684,000 | 4451052,000 |
| 33 | 289287,000 | 4450518,000 |
| 34 | 291880,000 | 4451276,000 |

The technical features of the 16 registered wind turbines involved in the Project Activity are as follows:

| | |
|---|---|
| **Turbine Model** | Nordex N100 |
| **Turbine type** | 3-bladed, horizontal axis |
| **Rated power** | 2500 kW |
| **Rated wind speed** | 14 m/s - 20 m/s |
| **Cut-in/cut-out wind speed** | 4 m/s - 20 m/s |
| **Rotor diameter** | 100 m |
| **Hub height** | 80 m |
| **Design life** | 20 years |

The technical features have been confirmed via the provisional acceptance protocols of the wind turbines.

There are two electricity meters currently in the project site. SCADA system has been used to separate the electricity generation values of 16 registered wind turbines from the electricity generation values of all 34 wind turbines. Screenshots of the SCADA system (for the additional wind turbines) are provided for the entire monitoring period. EPIAS records (for all wind turbines) have been also provided for the entire monitoring period. Therefore, to calculate the electricity generation values of 16 registered wind turbines, the following calculation is used:

Electricity Generation of 16 wind turbines = EPIAS Records (34 wind turbines) – SCADA Values (18 wind turbines)

"Killik Wind Power Plant" is connected to the national grid through "Tokat OSB Transformer Station" via a 154 kV high voltage transmission line. The purpose of the proposed project is to generate electricity by utilizing the renewable energy. Total amount of electricity generation is 138,580.89 MWh and emission reduction achieved in this monitoring period is 85,883 tons of $CO_2e$.

The second crediting period start date of the project as verified from the information provided on GS Registry is 13/10/2018. As per the "Design Renewal Review", PD cannot claim credits during the delay period of 13/10/2018 to 15/09/2021. This is the 1st monitoring period of the second crediting period which is in between 16/09/2021 and 31/03/2023 (both days included).

## 2.4. Parties Involved

Eksim Enerji A.Ş. (Project Owner) and Sekans Danışmanlık (Project Developer) are the project participants and host country is Turkey.

## 2.5. Verification Period Covered

This is the 3rd (first verification of the second crediting period) verification period from 16/09/2021 to 31/03/2023 (both days included).

# 3. METHODOLOGY

The verification of this GS project activity includes the following steps:

- Assessment of the conformity of the actual project activity and its operation with the registered PDD, dated 28/08/2022 version 9
- A physical site visit, executed on 08/03/2023 in order to assess that all physical features of the project activity proposed in the registered PDD are in place and that the project developer has operated the project activity in line with the registered PDD.
- Assessment of the compliance of the monitoring plan with the monitoring methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 20.0
- Assessment of the compliance of the monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the verification report
- Independent technical review
- Approval of the verification report and request for issuance

The Verification Protocol is used for the assessment of each requirement during the execution of verification activities and is given in Annex-1 of this verification report.

The Verification Protocol consists of two tables:

- Table 1 (GS-Monitoring Report (MR)-FORM, GS4GG and CDM Verification Requirements)
- Table 2 (Resolution of Corrective Action, Forward Action and Clarification Requests)

The usage description of Table-1 in the Verification Protocol is explained in Table 3-1 below:

**Table 3-1**: Explanation of Table-1 in the Verification Protocol

| Question | Reference | MoV* | Findings, comments, references and document sources | Draft & Final Conclusion |
|---|---|---|---|---|
| The requirements related with the GS monitoring report, GS4GG and CDM verification Standards and/ or Procedures | Gives reference to the legislation or documents where the relevant requirement is found | Explains how conformance with question is investigated. Examples of means of verification are Document Review (DR), Interview (I) and Not Applicable (NA) | Is used to elebarote and discuss the question and/or conformance to the question by giving related references and document sources based on which the finding is issued or evidence is checked | Either acceptable based on the evidence provided (OK), non-compliance with the requirement (CAR), further clarification (CL) due to insufficient, unclear or not transparent information, forward action request (FAR) that needs to be solved during the next periodic verification |

The usage description of Table-2 in the Verification Protocol is explained in Table 3-2 below:

**Table 3-2:** Explanation of Table-2 in the Verification Protocol

| Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team | Ref. to Questions in Table-1 and Table-2 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| The all CL, FAR and CARs determined during the draft verification report should be listed here | Gives reference to the checklist questions in Table-1 of Verification Protocol | Is used to summarize the responses by project developers regarding the non-conformities | Is used to summarize the responses by verification and their conclusions |

The Verification Protocol is filled out by the verification team in line with the descriptions above. All CARs, CLs and FARs are listed in a transparent and clear manner.

## 3.1. Verification Team and ITR Selection

The appointment process of the verification team takes into account the technical area(s), sectoral scope(s), and relevant host country experience required by the team members for the verification of the emission reductions achieved by the project activity in the related monitoring period for this verification. The relevant GS verification and previous ITR experiences are also assessed during the selection of the team members as well as the Independent Technical Reviewer (ITR). The verification team and ITR was assigned to this verification activity on

27/01/2022 (with a team change on 06/03/2023), taking all the above factors into consideration and following the contract review procedure.
The verification team and ITR details are given in Table 3-3 below:

**Table 3-3:** Verification team and ITR details

| Name | Role | Host Country Experience | Scope Coverage | Technical Expertise (TA 1.2) | Involvement* |
|---|---|---|---|---|---|
| Öykü Yakupoğlu | Team Leader | ☒ | ☒ | ☒ | A, DR, SV, R |
| Rohit Badaya | ITR | ☒ | ☒ | ☒ | ITR |

* Explanations for the abbreviations used for involvement types are as follows:

A : Administrative
DR : Desk Review
SV : Site Visit
RA : Remote Assessment
R : Reporting
ITR : Independent Technical Review

## 3.2. Desk Review of Documents

The basis for the verification activity is the monitoring report version 1, dated 03/03/2023, which was submitted to the verification team on the same day. This monitoring report was revised several times due to issued CARs and CLs, resulting in version 5, dated 13/03/2024 as the final version. The monitoring report and the monitoring activities were assessed against the registered PDD, version 9, dated 28/08/2022, the ACM0002 "Grid-connected electricity generation from renewable sources", Version 20.0, the relevant CDM rules and regulations, CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2 and the following:

- final validation report version 05 dated 28/08/2022

The following actions were involved in the desk review:

- A review of the data and information presented to verify their completeness
- A review of the monitoring plan and monitoring methodology, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures
- An evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions

A list of all the documents that were reviewed can be found in Section 6 of this verification report.

## 3.3. On-Site Visits

As a part of the verification activities a physical site visit was performed at the project activity's site, details of which can be seen in Table 3-4 below:

**Table 3-4: Site visit details**

| **Date** | 08/03/2023 | |
|---|---|---|
| **Location** | Tokat | |
| **Participant** | **Company Name** | **Role in the Organization / Role in the Site Visit** |
| Alparslan Dursunlu | Çayören Village | Mukhtar |
| Yavuz Polat | Çayören Village | Villager |
| Yusuf Ziya Subaşı | Eksim Enerji A.Ş. | Operational Maintenance Engineer |
| Veli Özerdem | Eksim Enerji A.Ş. | Business Manager |
| Sıla Duran | Sekans Danışmanlık | Consultant |
| Öykü Yakupoğlu | Re Carbon Ltd. | Team Leader |

| **Points Verified** | **Source of Information** |
|---|---|
| Implementation and operation of the proposed CDM project activity as per the registered PDD | Document review, on-site visit and interviews with the local stakeholders from Çayören Village |
| Review of information flows for generating, aggregating and reporting the monitoring parameters | Document review, on-site visit and interviews with the local stakeholders from Çayören Village |
| Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the PDD | Interviews with the local stakeholders from Çayören Village |
| Cross-check between information provided in the monitoring report and data from other sources such as plant log books, inventories, purchase records or similar data sources | Document review and on-site visit |
| Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PDD and the selected methodology | Document review, on-site visit and interviews with the local stakeholders from Çayören Village |
| Review of calculations and assumptions made in determining the GHG data and emission reductions | Document review |

| | |
|---|---|
| Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters | Document review and interviews with the local stakeholders from Çayören Village |

## 3.4. Reporting of Findings via the Verification Protocol

During the verification period, a Verification Protocol (attached as Annex 1 to this verification report) was used to submit the findings to the project developers.

As part of this verification report, please see "**Attachment to Verification Report / GS4GG Audit Techniques Template for Verification**" for details of Audit Techniques used and the related risk assessment.

In line with the CDM Validation and Verification Standard the team reports the non-conformities in form of Corrective Action Requests (CARs), Clarification Requests (CLs) and Forward Action Requests (FARs). When and for which type of non-conformities CARs, CLs and FARs are issued is explained below:

- The Verification team raises a **CAR** if one of the following occurs:
  - A non-conformity with the monitoring plan or methodology is found in the monitoring and reporting, or if the evidence provided to prove conformity is insufficient.
  - Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impair the estimate of emission reductions.
  - Issues identified in a FAR during validation to be verified during verification have not been resolved by the project developers.
- The Verification team raises a **CL** if information is insufficient, not transparent, or not clear enough to determine whether the applicable CDM and/or GS4GG requirements have been met.
- The Verification team raises a **FAR** during the verification for actions if the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles, a total of 35 CARs, 07 CLs and 00 FARs were issued, all of which are listed in the Verification Protocol.

## 3.5. Follow-Up Interviews

During the verification period, follow-up interviews were performed by the verification team in order to further analyze the correctness and accurateness of the information provided. A list of individuals interviewed is given in Section 5 of this Verification Report.

## 3.6. Resolution of Outstanding Issues

During the verification activity, CARs and CLs were issued to clarify the issues that are not sufficiently transparent to reach a positive verification opinion and to approve the achieved GHG emission reductions.

If there are any findings issued as Forward Action Requests (FARs) previously, as indicated in earlier validation and/or verification reports, these are also addressed in this phase.

Outstanding issues indicated in the FARs from earlier reports, and CLs and CARs from this verification activity, were resolved and/ or clarified during the written and oral communications between the Project Developer and Re Carbon Ltd.'s Verification Team Members. These communications are backed up with objective evidence that were sent to the verification team as a proof of compliance. Concerns issued in the desk review, the on-site audit assessments, the follow up interviews and the responses provided for the issued concerns are documented in Annex 1 (Verification Protocol) in order to guarantee the transparency of the verification process.

The verification timeframe is given in detail in Table 3-5 below:

**Table 3-5:** Verification Timeframe

| Activity | Timeline | | Total Days |
|---|---|---|---|
| | From | To | |
| Desk Review | 07/03/2023 | 10/06/2023 | 96 |
| Review of the MR version 01 | 07/03/2023 | 13/03/2023 | 7 |
| Site Visit | 08/03/2023 | 08/03/2023 | 1 |
| Issuance of the Verification Protocol version 01 | 13/03/2023 | 13/03/2023 | 1 |
| Review of PDs Initial Set of Responses | 17/05/2023 | 18/05/2023 | 2 |
| Issuance of the Verification Protocol version 02 | 18/05/2023 | 18/05/2023 | 1 |
| Review of PDs Second Loop Responses | 10/06/2023 | 10/06/2023 | 1 |
| Closing of all the CARs and CLs | 10/06/2023 | 10/06/2023 | 1 |
| Issuance of the Verification Report version 01 | 10/06/2023 | 10/06/2023 | 1 |
| ITR Process | 10/06/2023 | 14/06/2023 | 5 |
| Issuance of the Verification Report version 02 | 22/06/2023 | 22/06/2023 | 1 |
| Submission for Final Approval | 23/06/2023 | 30/06/2023 | 8 |
| Submission to the PD | 30/06/2023 | 30/06/2023 | 1 |

Information or clarifications provided as a response to a CAR, CL or FAR could also lead to a new request. This can also be seen transparently in the Verification Protocol provided in Annex 1 of this Verification Report.

## 3.7. Internal Quality Control

As a final step of verification, the final documentation including the verification report and its annexes must undergo an internal quality control in Re Carbon Ltd. This quality control is also referred to as the “Independent Technical Review” process.

The Independent Technical Review is performed by another Team Leader who was not involved in the verification activity of this project activity. Following finalization of the Verification Report by the Team Leader, the draft report is sent to the Independent Technical Reviewer. At this stage not only the report but all the supporting documents, such as emission factor calculations, additionality justifications, relevant excel sheets etc. are being reviewed.

Further CLs and CARs can be issued by the Independent Technical Reviewer during this review to cover all aspects that may need further clarification.

After all the CLs and CARs are closed, the verification report is reviewed and approved by the Team Leader, ITR and the Certification Manager. The request of issuance is submitted to the Project Developer in line with the positive verification opinion and along with all relevant documents.

# 4. VERIFICATION FINDINGS

## 4.1. Remaining Issues from Previous Validation or Verifications

There are 4 issued FARs from the Design Renewal Review under GS4GG:

**FAR #1:** In-line with GS4GG Principles and Requirements, VVB and PP shall consider the following rule after Design Renewal Certification is achieved:

5.1.29: 1st verification shall be completed within two years after the certification is achieved.

**Answer to FAR #1:** 1st verification of the second crediting period will be completed in June 2023.

**FAR #2:** In-line with GS4GG Principles and Requirements, VVB and PP shall consider the rule below for future monitoring activities:

5.1.39: An annual update report shall be provided to GS, when successfully Transitioned to GS4GG, for each monitoring year by the end of next calendar year for which verification is not completed.

**Answer to FAR #2:** The last annual report dated 29/12/2022 was provided to the VVB.

**FAR #3:** At the time of performance review for second crediting period, VVB shall check the start date of monitoring period. The start date of monitoring period for 2nd crediting period will be the date when the project was submitted for design renewal i.e 16/09/2021. However, the start date of crediting period will remain the same as in the registered GS-PDD.

**Answer to FAR #3:** The start date of the current monitoring period is 16/09/2021.

**FAR #4:** When resuming remote site visit, VVB shall Interview a sample group of local stakeholders regarding project Impact, availability of grievance means and safeguarding principles.

**Answer to FAR #4:** Physical site visit, dated 08/03/2023, was conducted.

## 4.2. Compliance of the Project Implementation with the Registered PDD

The project is fully implemented according to the description presented in the registered PDD and 34 wind turbines (including 16 registered wind turbines) were operational during the on-site visit as in the registered project. The verification team confirms through the site visit inspection and provided evidences that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PDD. Electricity meters were also seen during the on-site visit. The project activity is completely operational and the same has been confirmed through on-site visit.

The commissioning that of the turbines are as follows:

| Turbine No. | Commissioning Date |
|---|---|

| | |
|---|---|
| T1, T2, T3, T4, T5, T7, T8, T9 | 13/10/2011 |
| T10, T11, T13, T14, T15, T16 | 01/12/2011 |
| T6, T12 | 17/12/2011 |
| T17, T18, T19, T28, T29, T32, T34 | 21/07/2017 |
| T25, T26, T27, T33 | 04/08/2017 |
| T20, T21, T22, T23, T24, T30, T31 | 08/09/2017 |

These dates are also confirmed by checking the provisional acceptance protocols of the wind turbines.

According to the registered PDD, the estimated annual emission reduction is 55,523 tCO2e and corresponding total estimated amount for the monitoring period is 85,490 tCO2e. The actual values achieved for the current monitoring period is 85,883 tCO2e. The actual amount of emission reduction for the current monitoring period is 0.5% more than estimated emission reduction amount. However, considering the yearly fluctuations in wind, high uncertainty for wind speed estimation and possible increase and decrease in the electricity generation during the long life time of the project, the average increase throughout the monitoring period as 0.5% is deemed acceptable.

The difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PDD.

The technical specifications of the wind turbines are confirmed by looking at the provisional acceptance protocols of the wind turbines.

## 4.3. Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 20.0, applied by the project activity.

In line with the methodology, the only information to be monitored is the amount of net electricity delivered to the grid by the project activity.

## 4.4. Compliance of the Monitoring with the Registered Monitoring Plan

The net electricity is measured continuously by one main electricity meter at the grid interface and recorded monthly. There is also one back-up electricity meter. The meters used are in line with the regulatory requirements for electricity meters.

Normally, four power meters are installed at the grid interface of the project. Two of them are the main meters, and the other two are back-up meters. However, currently, one main and one

back-up electricity meters currently have no current and are not operational. The signed and sealed letter dated 01/06/2023 was provided by the project owner to confirm this situation. Also, during the on-site visit, it was seen that in two electricity meters, there were not any current.

The technical details of the one of the main meters and one of the back-up meters, which have the current, are as follows:

| **Specifications** | **Main meter** | **Spare Meter** |
|---|---|---|
| Manufacturer | ITRON | ITRON |
| Serial No | 3574743 | 3574744 |
| Date of Installation | 18/07/2017 | 18/07/2017 |
| Latest test date of the meter | 31/10/2022 | 31/10/2022 |
| Accuracy Class | 0.2S | 0.2S |

The technical details of the other main meter and other back-up meter, which have no current, are as follows:

| Specifications | Main meter | Spare Meter |
|---|---|---|
| Manufacturer | ITRON | ITRON |
| Serial No | 3574741 | 3574742 |
| Date of Installation | 14/07/2017 | 14/07/2017 |
| Latest test date of the meter | 31/10/2022 | 31/10/2022 |
| Accuracy Class | 0.2S | 0.2S |

The first index protocols dated 14/07/2017 and 18/07/2017 of the electricity meters were provided by the project owner. Also, the meter test dated 31/10/2022 was provided to the VVB. The technical features of the electricity meters were confirmed by the verification team via these documents.

SCADA system is available from which daily reports are taken. The data collected daily is saved in plant manager computer and backed up. Sample log books were checked and there were no differences in data.

SCADA system has been used to separate the electricity generation values of 16 registered wind turbines from the electricity generation values of all 34 wind turbines. Screenshots of the SCADA system (for the additional wind turbines) are provided for the entire monitoring period. EPIAS records (for all wind turbines) have been also provided for the entire monitoring period. Therefore, to calculate the electricity generation values of 16 registered wind turbines, the following calculation is used:

Electricity Generation of 16 wind turbines = EPIAS Records (34 wind turbines) – SCADA Values (18 wind turbines)

The electricity meters have been controlled and maintained by the grid owner. EPIAS records are used as the source of net generated electricity value and meter reading forms or OSF forms issued by TEIAS are used for the crosscheck.

Moreover, the details of the ex-ante parameter was confirmed with checking the registered PDD (version 9 dated 28/08/2022) of the project activity.

## 4.5. Completeness of Monitoring

All parameters required by the methodology and Gold Standard are monitored. In line with the methodology, the only information to be monitored is the amount of net electricity exported to the grid by the project activity. The monitoring parameters indicated in the GS passport relevant (and in the registered PDD) for the 3rd periodic verification (first verification of the second crediting period) are:

- $ER_y$
- $EG_{PJ,facility,y}$
- Number of Employments
- Number of Trainings
- Waste oil produced during the operation of the power plant
- Biodiversity

As there are no missing parameters, monitoring is complete.

## 4.6. GS4GG Safeguarding Principles and Requirements

Safeguarding Principles and Requirements are in line with the registered PDD and the final version of the Gold Standard for the Global Goals. For the verification of Safeguarding Principles and Requirements in the current monitoring period, document review, on-site visit observations and on-site interviews with local stakeholders were used.

Compliance check of the Data / Parameter(s) indicated in the Safeguarding Principles Monitoring Plan of the registered PDD has been carried out as described in Table 4-1 below:

**Table 4-1:** Safeguarding Principles monitoring parameters

| No. | Relevant SDG Indicator/ Safeguarding Principle | Chosen Data / Parameter | Way of Monitoring (When) | Compliance Check |
|---|---|---|---|---|
| **1.** | $ER_y$ (SDG 13 & Target: SDG 13.3) | Emission reductions by the project activity in year y | Checking EPIAS records and the emission factor | The net electricity generation has been checked from EPIAS records (and cross-checked with OSF forms). The details of the electricity generation are provided in Section 4.8 of this verification report. The electricity values have been multiplied by the ex-ante emission factor of 0.6198 $tCO_2$/MWh. |
| **2.** | $EG_{PJ,facility,y}$ (SDG 7 & Target: SDG 7.2) | Quantity of net electricity generation supplied by the project plant/unit to the grid in year y | Checking EPIAS records | The net electricity generation has been checked from EPIAS records (and cross-checked with OSF forms). The details of the electricity generation are provided in Section 4.8 of this verification report. |
| **3.** | Number of Employments (SDG 8 & Target: SDG 8.5) | Number of people permanently working for the operation of the project | Checking the social security records of the employees | Social security records of 19 employees were provided to the VVB. |
| **4.** | Number of Trainings (SDG 8 & Target: SDG 8.8) | Number of training sessions held and the social security records | Checking the training records and social security records of the employees | The training records of the employees dated 03/01/2021, 01/11/2021, 20/09/2022, 06/10/2022 and 15/12/2022 were provided to the VVB. |
| **5.** | Waste oil produced during the operation of the power plant (Principle 4.3.5) | Waste oil produced during the operation of the power plant | Hazardous waste disposal records | Hazardous waste disposal records dated 22/10/2021, 14/11/2022, 02/03/2023 have been provided. |

| | | | | |
|---|---|---|---|---|
| **6.** | Biodiversity (Principle 4.3.10) | Impact on bird/bat carcasses and nests | Checking the logbooks for nests and carcasses which are prepared by Project Participant | The logbooks for nests and carcasses have been checked during the on-site visit dated 08/03/2023. No problem has been seen in this regard. |

The project contributes to SDG 7 (Affordable and Clean Energy with 138,580.89 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with total 19 employed staff during the recent year of operation period and there are several training records which are indicated above), SDG-13 (Climate Action with achieved emission reduction of 85,883 tCO2e) during the monitoring period. Also, according to the registered renewed PDD, the generation growth and emission reductions attained are within the benchmark. Sensitivity analysis was done with a 10% increase, resulting in an IRR of 10.20%. 21.20% is the financial benchmark value for the project activity. This situation has been confirmed via validation report.

Therefore, based on the on-site visit observations, handled interviews and provided documents, it can be confirmed that sustainability parameters are monitored in line with the registered Monitoring Plan.

## 4.7. Compliance with the Calibration Frequency Requirements for Measuring Instruments

Although, re-calibration is required after ten years[1], nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS responsible are informed for the intervention. That means TEIAS is responsible for the calibration and maintenance of the devices.

Currently, the serial numbers of the meters are 3574743 (ITRON) for the main meter and 3574744 (ITRON) for the backup meter, respectively. All documents regarding meter quality and test have been presented for the 3rd verification period (1st verification of the second crediting period). The first index protocols dated 14/07/2017 and 18/07/2017 of the electricity meters were provided by the project owner. Also, the meter test dated 31/10/2022 was provided to the VVB.

All data collected as part of monitoring will be archived electronically by the project owner and be kept at least for 2 years after the end of the last crediting period.

## 4.8. Assessment of Data and Calculation of Emission Reductions

There are two electricity meters currently in the project site. SCADA system has been used to separate the electricity generation values of 16 registered wind turbines from the electricity generation values of all 34 wind turbines. Screenshots of the SCADA system (for the additional wind turbines) are provided for the entire monitoring period. EPIAS records (for all wind

[1] https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=6381&MevzuatTur=7&MevzuatTertip=5

turbines) have been also provided for the entire monitoring period. Therefore, to calculate the electricity generation values of 16 registered wind turbines, the following calculation is used:

Electricity Generation of 16 wind turbines = EPIAS Records (34 wind turbines) – SCADA Values (18 wind turbines)

EPIAS records, SCADA records and OSF forms have been presented to the VVB for all months of the monitoring period. All EPIAS records and SCADA records have been checked for the electricity generation values. EPIAS records are used as the source of net generated electricity value and meter reading forms or OSF forms issued by TEIAS are used for the crosscheck. The net electricity generated during the current monitoring period was as follows in Table 4-2 below:

**Table 4-2:** Net Electricity Generation Values

| Period | Amount | Compliance check |
|---|---|---|
| 16/09/2021 – 31/12/2021 | **EPIAS Records (for 34 wind turbines)**<br>Export to Grid: 65,602.55 MWh<br>Import from Grid: 130.92 MWh<br>Net electricity supplied to grid: 65,471.63 MWh<br><br>**SCADA Records (for the additional turbines)**<br>Net electricity supplied to grid: 40,459.97 MWh<br><br>**Net electricity supplied to grid (of 16 registered wind turbines):** 25,011.66 MWh | EPIAS records and SCADA records |
| 01/01/2022 – 31/12/2022 | **EPIAS Records (for 34 wind turbines)**<br>Export to Grid: 226,985.62 MWh<br>Import from Grid: 381.18 MWh<br>Net electricity supplied to grid: 226,604.44 MWh<br><br>**SCADA Records (for the additional turbines)**<br>Net electricity supplied to grid: 136,314 MWh<br><br>**Net electricity supplied to grid (of 16 registered wind turbines**): 90,290.44 MWh | EPIAS records and SCADA records |
| 01/01/2023 – 31/03/2023 | **EPIAS Records (for 34 wind turbines)**<br>Export to Grid: 59,290.27 MWh<br>Import from Grid: 71.07 MWh<br>Net electricity supplied to grid: 59,219.20 MWh<br><br>**SCADA Records (for the additional turbines)**<br>Net electricity supplied to grid: 35,940.40 MWh | EPIAS records and SCADA records |

| Period | Amount | Compliance check |
|---|---|---|
| | **Net electricity supplied to grid (of 16 registered wind turbines**): 23,278.80 MWh | |
| Total (16/09/2021 – 31/03/2023) | **EPIAS Records (for 34 wind turbines)**<br>Export to Grid: 351,878.44 MWh<br>Import from Grid: 583.17 MWh<br>Net electricity supplied to grid: 351,295.27 MWh<br><br>**SCADA Records (for the additional turbines)**<br>Net electricity supplied to grid: 212,714.38 MWh<br><br>**Net electricity supplied to grid (of 16 registered wind turbines**): 138,580.89 MWh | EPIAS records and SCADA records |

VVB confirms that the data used for emission reductions are correct. The grid emission factor taken is 0.6198 $tCO_2$/MWh and the value is same as fixed ex-ante in the registered PDD.

VVB also confirms that the methods and formulae used for calculating baseline emissions are in line with the methodology and the registered PDD. The net electricity generation is multiplied with the grid emission factor to arrive at the emission reductions.

The grid emission factor and data and parameters available before validation are also applied in line with the registered PDD.

Furthermore, double counting issue has also been assessed and the verification team has also checked the I-REC Registry (https://evident.services/device-register) and this project is not available within I-REC Registry database. Similarly, VCS project database (http://vcsprojectdatabase.org/#/home) and GCC project database (https://projects.globalcarboncouncil.com/pages/submitted_projects) were checked and this project is not available within VCS and GCC projects' databases, either. Given that CDM projects are not applicable in Turkey and the project does not appear on domestic REC scheme, I-REC, VCS and GCC registries, it could be confirmed that no RECs and other VER carbon credits are being issued for the project at the time of this verification.

## 4.9. Quality of Evidence

According to the PDD, the estimated emission reduction for this monitoring period would be 85,490 tCO2e corresponding to the monitoring period. However, the project in operation totally reached 85,883 tCO2e in this period.

The vintage break-up of the emission reductions during the current monitoring period was as follows in Table 4-3 below:

**Table 4-3:** Emission Reduction Values

| Period | Emission reductions ($tCO_2e$) |
|---|---|
| 16/09/2021 – 31/12/2021 | 15,501 |

| | |
|---|---|
| 01/01/2022 – 31/12/2022 | 55,956 |
| 01/01/2023 – 31/03/2023 | 14,426 |
| Total (16/09/2021 – 31/03/2023) | 85,883 |

Calculations have been reproduced by the VVB and the source data (EPIAS records and SCADA records) are presented by the PP.

## 4.10. Management System and Quality Assurance

There are two electricity meters, which have current, as one main and one back up meter attached to the power plant for measurement of the generated electricity which were installed to the plant. The meters used in the power house are in line with the Energy Market Regulatory Authority (EMRA) requirements for the electricity meters. Both these meters are bi-directional (meter the energy in two directions – consumption and production). If there is a measuring difference between these two meters and one of the parties (TEIAS or the PP) requests for calibration of the meters, in this case, the meters will be calibrated without waiting for the periodical check. This calibration process is made by an accredited party under the control of TEIAS and the PP is not responsible for calibration of the meters in Turkey according to the local standards and requirements.

## 4.11. Materiality

The VVB checked all data set (EPIAS records and SCADA records from 16/09/2021 – 31/03/2023) and each day of production is included in these readings. They are recorded and saved automatically and there is no base for any option of material information.

Level of materiality is ensured by application of “Guideline on the Application of Materiality in Verifications” version 02. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

## 4.12. Verification of Sampling Plan

No sampling approach is used.

## 4.13. Post Registration Changes

### 4.13.1. Temporary deviations

N/A.

### 4.13.2. Corrections

N/A.

### 4.13.3. Changes to the start date of the crediting period

N/A.

### 4.13.4. Permanent changes

N/A.

### 4.13.5. Changes to the project design

N/A.

## 5. LIST OF INDIVIDUALS INTERVIEWED

The list of individuals who were interviewed during the verification period is given in Table 5-1 below:

**Table 5-1:** List of individuals interviewed

| Reference Number | Means of Interview[2] | Full Name | Title | Organization |
|---|---|---|---|---|
| I01 | SV | Alparslan Dursunlu | Mukhtar | Çayören Village |
| I02 | SV | Yavuz Polat | Villager | Çayören Village |
| I03 | SV | Yusuf Ziya Subaşı | Operational Maintenance Engineer | Eksim Enerji A.Ş. |
| I04 | SV | Veli Özerdem | Business Manager | Eksim Enerji A.Ş. |
| I05 | SV | Sıla Duran | Consultant | Sekans Danışmanlık |

[2] SV: Site visit; T: Telephone; EM: E-mail

## 6. LIST OF DOCUMENTS REVIEWED

The list of the documents which were reviewed during the verification period is given in Table 6-1 below:

**Table 6-1:** List of documents reviewed

| Document Number | Document Name | Version | Date (dd/mm/yyyy) |
|---|---|---|---|
| D01 | Monitoring Report | 1 | 03/03/2023 |
| D02 | Monitoring Report | 2 | 15/05/2023 |
| D03 | Monitoring Report | 3 | 02/06/2023 |
| D04 | ER Calculation Excel Sheet | 01 | 03/03/2023 |
| D05 | ER Calculation Excel Sheet | 02 | 15/05/2023 |
| D06 | ER Calculation Excel Sheet | 03 | 02/06/2023 |
| D07 | Registered PDD | 9 | 28/08/2022 |
| D08 | Final Validation Report | 05 | 28/08/2022 |
| D09 | Signed Declaration about Double Counting | - | 08/05/2023 |
| D10 | Signed Declaration about Legal Contest | - | 08/05/2023 |
| D11 | GS Design Renewal Review Document | - | - |
| D12 | EPIAS Records | - | 09/2021 – 03/2023 |
| D13 | SCADA Records | - | 09/2021 – 03/2023 |
| D14 | OSF Forms | - | 09/2021 – 03/2023 |
| D15 | Connection Agreement | - | 22/05/2013 (Old one)<br>14/01/2022 (Updated one) |
| D16 | EIA Not Required Decision Document | - | 28/12/2009 |
| D17 | Training Records | - | 03/01/2021<br>01/11/2021<br>20/09/2022<br>06/10/2022<br>15/12/2022 |
| D18 | Social Security Records | - | - |
| D19 | Provisional Acceptance Protocols | - | 13/10/2011<br>01/12/2011<br>17/12/2011<br>21/07/2017 |

| Document Number | Document Name | Version | Date (dd/mm/yyyy) |
|---|---|---|---|
| | | | 04/08/2017<br>08/09/2017 |
| D20 | Photographic Evidences of the Electricity Meters | - | - |
| D21 | Photographic Evidences of the Grievance Book | - | - |
| D22 | Generation License | - | 24/07/2008 |
| D23 | Annual Report | - | 29/12/2022 |
| D24 | KMZ File of the Project Activity | - | - |
| D25 | First Index Protocols | - | 14/07/2017<br>18/07/2017 |
| D26 | Meter Test | - | 31/10/2022 |
| D27 | Hazardous Waste Disposal Records | | 22/10/2021<br>14/11/2022<br>02/03/2023 |
| D28 | Signed Declaration about Electricity Meters (which have no current) | - | 01/06/2023 |
| D29 | SDG Impact Tool | 1 | 02/06/2023 |
| D30 | ACM0002 | 20.0 | 28/11/2019 |
| D31 | Tool for the demonstration and assessment of additionality | 07.0 | 23/11/2012 |
| D32 | Tool to calculate the emission factor for an electricity system | 07.0 | 31/08/2018 |
| D33 | Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period | 03.0.1 | 02/03/2012 |
| D34 | CDM Validation and Verification Standard for project activities version | 3.0 | 09/09/2021 |
| D35 | CDM Project Standard for project activities | 3.0 | 09/09/2021 |
| D36 | Gold Standard for Global Goals | 1.2 | - |
| D37 | Monitoring Report | 4 | 21/06/2023 |
| D38 | ER Calculation Excel Sheet | 04 | 21/06/2023 |
| D39 | SDG Impact Tool | 2 | 21/06/2023 |
| D40 | Monitoring Report | 5 | 13/03/2024 |
| D41 | ER Calculation Excel Sheet | 05 | 13/03/2024 |

## 7. VERIFICATION TEAM AND ITR COMPETENCE

**Mr. Rohit BADAYA** holds a Master's degree in "Nanotechnology" and a Bachelor's degree in "Pulp and Paper Engineering" from the Indian Institute of Technology Roorkee (IIT Roorkee). He is also an Energy Auditor, certified by the Bureau of Energy Efficiency, Ministry of Power, Govt. of India. Rohit has more than 14 years of work experience in the area of Climate Change (CDM, GS, VCS, GCC) and has worked for various DOEs/VVBs in the capacity of Team Leader, Validator/Verifier, Technical Expert, ITR, Manager (Technical & Certification) and Quality Manager. During his previous work experience, Rohit has worked as a Technical Expert for Technical Areas TA 1.1 (Thermal energy generation from fossil fuels and biomass including thermal electricity from solar), TA 1.2 (Energy generation from renewable energy sources), TA 2.1 (Energy Distribution), TA 3.1 (Energy Demand), TA 13.1 (Waste Handling and Disposal) and TA 13.2 (Manure). Within the context of CDM/GS/VCS/GCC, Rohit has a record of accomplishment of more than 200 projects as Team Leader, Validator, Verifier, Technical Expert and Technical Reviewer. He is well versed with various local regulations related to CDM/GS/VCS/ GCC projects, located in countries in Asia, Africa, Middle East, Asia Pasific as well as in Turkey. With re-carbon, Rohit is a free-lance Team Leader, ITR and a TA 1.1, 1.2, 2.1, 3.1, 13.1, 13.2 expert. Rohit is also a Regional Expert for Bhutan, Brazil, Cambodia, Chile, Democratic Republic of Congo, Egypt, El Salvador, Ethiopia, The Gambia, India, Indonesia, Iran, Kenya, Madagascar, Malawi, Mauritius, Mexico, Morocco, Myanmar, Nepal, Nicaragua, Nigeria, Papua New Guinea (PNG), Republic of Madagascar, Senegal, South Africa, Sri Lanka, Thailand, Türkiye, Uganda, Vietnam and Zambia.

**Ms. Öykü YAKUPOĞLU** holds a B.Sc. degree in "Environmental Engineering" from Middle East Technical University/Ankara and currently undergoes a M.Sc. program in "Chemistry". She is experienced in ISO 14001: 2015 - Environment Management System, ISO 50001: 2018- Energy Management System, ISO 45001: 2018 - Occupational Health and Safety, Management System, ISO 9001: 2015 - Quality Management System Internal Auditor, ISO 14001: 2015 - Environment Management System Internal Auditor and an ISO 50001: 2018-Energy Management System Internal Auditor. With re-carbon, Öykü is an internal Team Leader (TA 1.2, 13.1 and 13.2), a Regional Expert for Türkiye (TA 1.2, 13.1 and 13.2) and a trainee validator/verifier for TA 1.1, 2.1, 3.1 and 15.1.

## 7.1. Appointment Certificates

# CERTIFICATE OF APPOINTMENT

re-carbon
quality in carbon auditing

Within the scope and in strict accordance to the appointments indicated below, the bearer may:

- Participate in assessments conducted by re-carbon Ltd.
- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated. There is no defined validity period for this Certificate. However, The Certificate may be updated, suspended or cancelled at any time, as a result of performance assessments and/or other reasons as defined above.

This Appointment Certificate is granted on the date of **08.03.2023** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

*Mr. Rohit Badaya*

as a confirmation of compliance with re-carbon's internal qualification requirements for the following positions:

Gold Standard
Climate Security & Sustainable Development

Verified Carbon Standard
A VERRA STANDARD

| SECTORAL SCOPE | TECHNICAL AREA | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS 01: Energy industries | TA 1.1: Thermal energy generation | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| | TA 1.2: Renewables | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| SS 02: Energy distribution | TA 2.1: Energy distribution | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| SS 03: Energy demand | TA 3.1: Energy demand | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| SS 13: Waste handling and disposal | TA 13.1: Solid waste and wastewater | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| | TA 13.2: Manure | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 | 25.10.2021 |
| SS 16: Agriculture | TA 16.1: Agriculture | | | | | | | | | | | | | | | |

GCC

ICR International Carbon Registry

BioCarbon Registry

| SECTORAL SCOPE | TECHNICAL AREA | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS 01: Energy industries | TA 1.1: Thermal energy generation | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| | TA 1.2: Renewables | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| SS 02: Energy distribution | TA 2.1: Energy distribution | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| SS 03: Energy demand | TA 3.1: Energy demand | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02/02/2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| SS 13: Waste handling and disposal | TA 13.1: Solid waste and wastewater | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| | TA 13.2: Manure | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 07.07.2022 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 | 02.02.2023 |
| SS 16: Agriculture | TA 16.1: Agriculture | | | | | | | | | | | | | | | |

| COUNTRY EXPERTISE: | Bhutan, Brazil, Cambodia, Chile, Democratic Republic of Congo, Egypt, El Salvador, Ethiopia, The Gambia, India, Indonesia, Iran, Kenya, Madagascar, Malawi, Mauritius, Mexico, Morocco, Myanmar, Nepal, Nicaragua, Nigeria, Papua New Guinea (PNG), Republic of Madagascar, Senegal, South Africa, Sri Lanka, Thailand, Türkiye, Uganda, Vietnam and Zambia |
|---|---|

F-C-044 / 23.01.2023 - 00

# CERTIFICATE OF APPOINTMENT

Within the scope and in strict accordance to the appointments indicated below, the bearer may:

- Participate in assessments conducted by re-carbon Ltd.
- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated. There is no defined validity period for this Certificate. However, The Certificate may be updated, suspended or cancelled at any time, as a result of performance assessments and/or other reasons as defined above.

This Appointment Certificate is granted on the date of **20.02.2023** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

*Ms. Öykü Yakupoğlu*

as a confirmation of compliance with re-carbon's internal qualification requirements for the following positions:

| SECTORAL SCOPE | TECHNICAL AREA | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS 01: Energy industries | TA 1.1: Thermal energy generation | | | | | | | | | | | | | | | |
| | TA 1.2: Renewables | | | | | 30.05.2022 | 30.05.2022 | 30.05.2022 | 21.12.2022 | | 30.05.2022 | 30.05.2022 | 30.05.2022 | 21.12.2022 | | 30.05.2022 |
| SS 02: Energy distribution | TA 2.1: Energy distribution | | | | | | | | | | | | | | | |
| SS 03: Energy demand | TA 3.1: Energy demand | | | | | | | | | | | | | | | |
| SS 13: Waste handling and disposal | TA 13.1: Solid waste and wastewater | | | | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 |
| | TA 13.2: Manure | | | | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 |
| SS 16: Agriculture | TA 16.1: Agriculture | | | | | | | | | | | | | | | |

| SECTORAL SCOPE | TECHNICAL AREA | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT | VERIFIER | VALIDATOR | TEAM LEADER | ITR | EXPERT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS 01: Energy industries | TA 1.1: Thermal energy generation | | | | | | | | | | | | | | | |
| | TA 1.2: Renewables | 30.05.2022 | 30.05.2022 | 21.12.2022 | | 30.05.2022 | 30.05.2022 | 30.05.2022 | 21.12.2022 | | 30.05.2022 | 30.05.2022 | 30.05.2022 | 21.12.2022 | | 30.05.2022 |
| SS 02: Energy distribution | TA 2.1: Energy distribution | | | | | | | | | | | | | | | |
| SS 03: Energy demand | TA 3.1: Energy demand | | | | | | | | | | | | | | | |
| SS 13: Waste handling and disposal | TA 13.1: Solid waste and wastewater | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 |
| | TA 13.2: Manure | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 | 20.02.2023 | 20.02.2023 | 20.02.2023 | | 20.02.2023 |
| SS 16: Agriculture | TA 16.1: Agriculture | | | | | | | | | | | | | | | |

**COUNTRY EXPERTISE:** Türkiye (27.05.2022)

F-C-044 / 23.01.2023 - 00

## 8. VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 3rd verification (first verification of the second crediting period) of Gold Standard "Killik Wind Power Plant", a project with the registry reference number "GS947" for the monitoring period in between 16/09/2021 and 31/03/2023. The scope of our activities covers the verification and the certification of GHG emissions reductions, as reported in the Monitoring Report Version 5 dated 13/03/2024 of "Killik Wind Power Plant".

Sekans Danışmanlık is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring Plan as indicated in the final PDD. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project are under the responsibility of the management of the Project. The development and maintenance of the records and the related monitoring procedures are in accordance with the Monitoring Report Version 05.

The verification was performed by a verification team consisting of "Öykü Yakupoğlu as the Team Leader and Rohit Badaya as the ITR", and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2.

Re Carbon Ltd. hereby confirm that the project activity "Killik Wind Power Plant" in Turkey, was implemented in accordance with the validated and registered PDD version 9, dated 28/08/2022. The monitoring system is in place and the emission reductions were calculated without material misstatements as per the applied approved methodology ACM0002 "Grid-connected electricity generation from renewable sources", Version 20.0.

Re Carbon Ltd. confirms the following, based on the results of the document review and the on-site assessment:

| | |
|---|---|
| **Project Title** | Killik Wind Power Plant |
| **Applicable Period** | 16/09/2021 – 31/03/2023 |
| **Baseline Emissions** | 85,883 $tCO_2e$ |
| **Project Emissions** | 0 $tCO_2e$ |
| **Leakage Emissions** | 0 $tCO_2e$ |
| **Emission Reductions** | 85,883 $tCO_2e$ |

| | | |
|---|---|---|
| Öykü YAKUPOĞLU<br>Team Leader<br>22/06/2023 | Rohit BADAYA<br>ITR<br>03/04/2024 | Esin TUNALI<br>Certification Manager<br>03/04/2024 |

## ANNEX 1: VERIFICATION PROTOCOL

**Table 1 –GS-Monitoring Report (MR)-FORM, GS4GG and CDM Verification Requirements**

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **Cover Page** | | | | | |
| 1. Has the following information been provided on the cover page of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please correct the layout of "Key Project Information" table (some rows are not separated from each other). | CAR-1 | OK |
| 1.1. Gold Standard project ID; | GS4GG-MR-FORM version 1.1 | DR | This is available as "GS947". | OK | OK |
| 1.2. Title of the project; | GS4GG-MR-FORM version 1.1 | DR | Please correct the project title on the cover page. | CAR-2 | OK |
| 1.3. Version number of PDD applicable to this monitoring report; | GS4GG-MR-FORM version 1.1 | DR | This is available as "v9". | OK | OK |
| 1.4. Version number of the monitoring report; | GS4GG-MR-FORM version 1.1 | DR | This is available as "1" for the first submission. | OK | OK |
| 1.5. Completion date of the monitoring report (DD/MM/YYYY); | GS4GG-MR-FORM version 1.1 | DR | This is available as "03/03/2023" for the first submission. | OK | OK |
| 1.6. Date of the project design certification (DD/MM/YYYY); | GS4GG-MR-FORM version 1.1 | DR | Please provide the "Design Review" document of the project activity for the CP Renewal process. | CL-1 | OK |
| 1.7. Date of last annual report; | GS4GG-MR-FORM version 1.1 | DR | Please indicate the date of last annual report on the cover page and provide the relevant evidence document. | CAR-3 | OK |
| 1.8. Monitoring period number; | GS4GG-MR-FORM version 1.1 | DR | This is the 3rd monitoring period (in total). | OK | OK |

*DR= Document Review, I= Interview, SV= Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| 1.9. Duration of this monitoring period (DD/MM/YYYY– DD/MM/YYYY)); | GS4GG-MR-FORM version 1.1 | DR | This is available as "16/09/2021 – 31/01/2023". | OK | OK |
| 1.10. Project representative(s); | GS4GG-MR-FORM version 1.1 | DR | Please indicate the project owner as well in "Project Representative(s)" row on the cover page. | CAR-4 | OK |
| 1.11. Host country; | GS4GG-MR-FORM version 1.1 | DR | This is available as "Turkey". | OK | OK |
| 1.12. Activity requirements applied; | GS4GG-MR-FORM version 1.1 | DR | This is available as "Renewable Energy Activities". | OK | OK |
| 1.13. Methodology (ies) applied and version number; | GS4GG-MR-FORM version 1.1 | DR | This is available as "ACM0002 "Grid-connected electricity generation from renewable sources", Version 20.0". | OK | OK |
| 1.14. Product requirements applied; | GS4GG-MR-FORM version 1.1 | DR | This is available as "GHG Emissions Reduction & Sequestration". | OK | OK |
| 2. Has the achieved sustainable development contributions been summarized in Table-1 using the relevant tabular format provided? | GS4GG-MR-FORM version 1.1 | DR | a) Please indicate "Amount Achieved" values of the SDGs in Table 1 on the cover page.<br>b) Please indicate "Units/Products" of SDG 8 in Table 1 on the cover page. | CAR-5 | OK |
| 3. Has the product vintages been included in Table-2 using the relevant tabular format provided? | GS4GG-MR-FORM version 1.1 | DR | Please indicate "VERs" of the years in Table 2 on the cover page. | CAR-6 | OK |
| | | | | | |
| **A. Description of project** | | | | | |
| **A.1. General description of project** | | | | | |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **A.1.1.** Has a brief summary of the detailed description given in the section B.1 provided under section A.1of the MR? | GS4GG-MR-FORM version 1.1 | DR | a) Please correct the project name in the first sentence of Section A.1 and throughout the MR.<br>b) Please provide the provisional acceptance protocols of the project activity.<br>c) Please provide the generation license of the project activity.<br>d) Please provide "EIA Decision" document of the project activity.<br>e) Please revise the statement "The project is in implementation since September 24th, 2010" in Section A.1 since the construction started at this date, not the implementation.<br>f) Please indicate the total installed capacity of 16 turbines as well in Section A.1 since this installed capacity will take into consideration for the current monitoring period.<br>g) Please briefly describe the generations' technical features as well in Section A.1.<br>h) Please indicate the achieved annual and total electricity generation values of the current monitoring period in Section A.1.<br>i) Please indicate the achieved annual and total emission reduction values of the current monitoring period in Section A.1.<br>j) The end date of the current monitoring period is indicated as "31/01/2023" on the cover page. However, the relevant date indicated as "31/03/2023" in Table in Section A.1. Please correct the contradiction.<br>k) Please provide the technical documents of the turbines and generators. | CAR-7 | OK |
| **A.1.2.** Has the purpose of the project and the measures taken to reduce greenhouse gas emissions been provided under section A.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | The purpose of the project activity is indicated in Section A.1. | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **A.1.3.** Has a brief description of the installed technology and equipments been provided under section A.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please refer to A.1.1. | CAR-7 | OK |
| **A.1.4.** Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under section A.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please refer to A.1.1. | CAR-7 | OK |
| | | | | | |
| **A.2. Location of project** | | | | | |
| **A.2.1.** Has complete information on the location of the project activity, including town, city, country, map and GPS coordinates been provided under section A.2 of the MR? | GS4GG-MR-FORM version 1.1 | DR | a) Please provide the table number in Section A.2 (i.e. Table X).<br>b) Please provide the KMZ file of the project activity with indicating the wind turbines.<br>c) 17 wind turbines are indicated in Figure 3 in Section A.2. Please revise the figure for 16 wind turbines. | CAR-8 | OK |
| | | | | | |
| **A.3. Reference of applied methodology** | | | | | |
| **A.3.1.** Has a complete reference of the methodology, referred tools and standardized baselines, if applicable, applied been provided under section A.3 including the version numbers and titles? | GS4GG-MR-FORM version 1.1 | DR | Please include the reference links of the applied methodology and tools in Section A.3. | CAR-9 | OK |
| | | | | | |
| **A.4. Crediting period of project** | | | | | |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **A.4.1.** Has the crediting period including the crediting period start and end dates, choice and length of the crediting period been provided under section A.4 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please revise the statement "The first crediting period is 7 years." in Section A.4 (i.e. It is be clearly stated that the current monitoring period is related to the second crediting period.). | CAR-10 | OK |
| | | | | | |
| **B. Implementation of project** | | | | | |
| **B.1. Description of implemented project** | | | | | |
| 1. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in section B.1 of the MR? | GS4GG-MR-FORM version 1.1<br>CDM project standard for project activities §256a | DR | a) Please indicate the start date of the operation in Section B.1.<br>b) Please indicate the total number of the wind turbines and the total installed capacity of the project activity in Section B.1.<br>c) Please indicate the technical features of the turbines, generators and electricity meters in Section B.1.<br>d) Please indicate the project lifetime in Section B.1 with specifying the evidence document. | CAR-11 | OK |
| 2. Has the information on the implementation and actual operation of the project activity (including relevant dates, construction, commissioning, continued operation periods etc.) been provided under section B.1 of the MR? | CDM project standard for project activities §256b | DR | Please refer to CAR-11. | CAR-11 | OK |
| 3. If the project activity consists of more than one site, has the status of implementation and starting date of operation for each site been clearly described under section B.1 of the MR? | CDM project standard for project activities §256b | DR | N/A | OK | OK |
| 4. If the implementation of the project planned to be realized in different phases, has the progress of the | CDM project standard for project activities §256b | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| proposed GS project achieved in each phase been indicated under section B.1 of the MR? | | | | | |
| 5. Do the actual project and its operation comply with the registered PDD? | CDM validation and verification standard for project activities §354a | DR | Please refer to CAR-11. | CAR-11 | OK |
| 6. Have the PDs implemented and operated the GS project as per the descriptions contained in the registered PDD? | CDM validation and verification standard for project activities §354b | DR | Please refer to CAR-11. | CAR-11 | OK |
| | | | | | |
| **B.1.1. Forward action requests (FARs) identified during validation and/or previous verification** | | | | | |
| B.1.1.1 Is there any remaining FARs from the validation and/or previous verification activities? | GS4GG-MR-FORM version 1.1 CDM validation and verification standard for project activities §319c, 395h | DR | "CP Renewal Validation Report" and "Design Review" for the CP Renewal are to be considered as well for FARs in Section B.1.1.<br><br>Please also refer to CL-1. | CAR-12 | OK |
| B.1.1.2 If there any remaining FARs from the validation and/or previous verification activities, have the PDs addressed these FARs in the MR? | GS4GG-MR-FORM version 1.1 CDM validation and verification standard for project activities §320 | DR | Please refer to CAR-12. | CAR-12 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| B.1.1.3 Has the FARs been resolved? | GS4GG-MR-FORM version 1.1 CDM validation and verification standard for project activities §344d §346 | DR | Please refer to CAR-12. | CAR-12 | OK |
| | | | | | |
| **B.2. Post design certification (registration) changes** | | | | | |
| **B.2.1. Temporary deviations from registered monitoring plan, applied methodology or applied standardized baseline** | | | | | |
| B.2.1.1 Is it indicated whether any temporary deviations have been applied during this monitoring period? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §231 CDM validation and verification standard for project activities §282 | DR | N/A | OK | OK |
| B.2.1.2 If there are temprorary deviations from the registered monitoring plan or applied methodology or standardized baseline, have PDs described the nature, extent and | GS4GG-MR-FORM version 1.1 CDM project standard for project | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| duration of the non-conforming monitoring and the proposed alternative monitoring of the project activity in the MR? | activities §231 | | | | |
| B.2.1.3 If there are temprorary deviations from the registered monitoring plan or applied methodology or standardized baseline, do the description of deviations include the following? | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| B.2.1.3.1 How it deviates from the monitoring plan and/or applied methodology(ies), | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| B.2.1.3.2 The duration for which the deviation(s) is(are) applicable | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| B.2.1.3.3 Justification on the conservativeness of the approach. | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| B.2.1.4 If there are temprorary deviations from the registered monitoring plan or applied methodology or standardized baseline, have PDs applied conservative assumptions or discount factors to the calculations to the extent required to ensure that GHG emission reductions will not be over-estimated as a result of the deviation? | CDM project standard for project activities §231a CDM validation and verification standard for project activities §284 | DR | N/A | OK | OK |
| | | | | | |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **B.2.2. Corrections** | | | | | |
| B.2.2.1 Has it been indicated whether there are any corrections to project information or parameters fixed at the registration? | GS4GG-MR-FORM version 1.1 CDM validation and verification standard for project activities §288 | DR | N/A | OK | OK |
| B.2.2.2 Is the corrected information an accurate reflection of actual project information? | CDM validation and verification standard for project activities §288a | DR | N/A | OK | OK |
| B.2.2.3 Are the corrected parameters in accordance with the applied methodology, selected monitoring plan and/or the applied standardized baseline? | CDM validation and verification standard for project activities §288b | DR | N/A | OK | OK |
| | | | | | |
| **B.2.3. Changes to start date of crediting period** | | | | | |
| B.2.3.1 Is it indicated whether any changes to the start date of the crediting period? | CDM project standard for project activities §235 §236 CDM validation and verification standard for project activities §290 | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | | | | | |
| **B.2.4. Permanent changes from registered monitoring plan, applied methodology or applied standardized baseline** | | | | | |
| B.2.4.1 Is it indicated whether any permanent changes from the registered monitoring plan or applied methodologies or standardized baseline? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §238 | DR | N/A | OK | OK |
| B.2.4.2 If there are such changes, have they been listed providing the version number and completion date of the revised design certified (i.e., approved) PDD for each? | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| B.2.4.3 Are the changes to the monitoring plan contained in the registered PDD in compliance with the applied methodology and, where applicable, the applied standardized baseline? | CDM validation and verification standard for project activities §296 | DR | N/A | OK | OK |
| B.2.4.4 Do the changes reduce the level of accuracy of the monitoring compared with the requirements contained in the registered monitoring plan? | CDM validation and verification standard for project activities §297 | DR | N/A | OK | OK |
| B.2.4.5 If the permanent changes are likely to lead to a reduction in the accuracy of the calculation of emission | CDM validation and verification standard for project | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|---|
| | reductions, do the PDs apply conservative assumptions or discount factors to the calculations to the extent required to ensure that emission reductions will not be over-estimated as a result of the permanent change? | activities §298 | | | | |
| | | | | | | |
| **B.2.5.** | **Changes to project design of approved project** | | | | | |
| B.2.5.1 | Are there proposed or actual changes to the project design of the approved project? | GS4GG-MR-FORM version 1.1 CDM validation and verification standard for project activities §300 | DR | N/A | OK | OK |
| B.2.5.2 | Do the actual changes comply with the monitoring plan, the applied monitoring methodology and tools and/or, where applicable, the applied standardized baseline, and/or the level of accuracy of the monitoring activity? | CDM validation and verification standard for project activities §302 | DR | N/A | OK | OK |
| B.2.5.3 | Does the revised PDD comply with the applied monitoring methodology and tools and/or standardized baseline or any later version of the methodology and/or standardized baseline or the requirements of another | CDM validation and verification standard for project activities §303 | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| methodology and/or the standardized baseline that is applicable to the project activity? | | | | | |
| B.2.5.4 Does the changes to project activity include the following? | CDM project standard for project activities §241 | DR | N/A | OK | OK |
| B.2.5.4.1 Increase in the capacity specified in the registered PDD with the following conditions: | CDM project standard for project activities §241a | | | | |
| B.2.5.4.1.1 If the project activity is large-scale: CERs may be claimed up to an amount calculated based on the increased capacity by 20 per cent of the capacity specified in the originally registered PDD; or | CDM project standard for project activities §241a (i)a | DR | N/A | OK | OK |
| B.2.5.4.1.2 If the project activity is large-scale: CERs may be claimed for the full amount calculated based on the increased capacity if the project developers can demonstrate that the reason for the increase is not within the control of the project developers; | CDM project standard for project activities §241a (i)b | DR | N/A | OK | OK |
| B.2.5.4.1.3 If the project activity is small-scale, CERs may be claimed for the full amount calculated based on the increased capacity, provided that the resulting project activity does not exceed | CDM project standard for project activities §241a (ii) | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| | Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|---|
| | the small-scale threshold for the corresponding small-scale project type (i.e., Type I, II or III); | | | | | |
| B.2.5.4.2 | Decrease in the capacity specified in the registered PDD; | CDM project standard for project activities §241b | DR | N/A | OK | OK |
| B.2.5.4.3 | Addition of new components or extension/addition of technologies/measures that introduce complimentary technologies/measures involving mass and/or energy transfer to/from the technologies/measures specified in the originally registered PDD; | CDM project standard for project activities §241c | DR | N/A | OK | OK |
| B.2.5.4.4 | Removal of a component or technology/measure specified in the registered PDD; | CDM project standard for project activities §241d | DR | N/A | OK | OK |
| B.2.5.4.5 | Changes to the technologies/measures that result in the same technologies/measures as in the originally registered technologies/measures | CDM project standard for project activities §241e | DR | N/A | OK | OK |
| B.2.5.4.6 | Removal or addition of one or more site(s) of the project activity registered with multiple sites; | CDM project standard for project activities §241f | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| B.2.5.4.7 Removal of a project activity from a bundle of small-scale CDM project activities; methodologies, or voluntary change to other methodologies, provided all requirements in the updated/changed methodologies are met. | CDM project standard for project activities §241g | DR | N/A | OK | OK |
| B.2.5.4.8 Actual operational parameters that are within the control of the project developers, differing from the expected parameters; | CDM project standard for project activities §241h | DR | N/A | OK | OK |
| B.2.5.4.9 Any consequential changes to the application of methodologies, standardized baselines and/or other methodological regulatory documents resulting from the changes referred to in questions B.2.6.7.1-B.2.6.7.4 above | CDM project standard for project activities §241i | DR | N/A | OK | OK |
| B.2.5.4.10 Voluntary update of the applied methodologies or the other applied methodological regulatory documents to a later valid version of them, or voluntary change to other methodologies, provided all requirements in the updated/changed methodologies and the other applied methodological regulatory documents are met | CDM project standard for project activities §241j | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| B.2.5.5 Do the PDs report in the revised PDD the impacts of the proposed or actual changes to the registered project activity on the following: | CDM project standard for project activities §242 | DR | N/A | OK | OK |
| B.2.5.5.1 The applicability and application of the applied methodology and, where applicable, the applied standardized baseline under which the project activity has been registered; | CDM project standard for project activities §242a CDM validation and verification standard for project activities §303a | DR | N/A | OK | OK |
| B.2.5.5.2 Compliance of the monitoring plan with the applied methodology and, where applicable, the applied standardized baseline; | CDM project standard for project activities §242c CDM validation and verification standard for project activities §303c | DR | N/A | OK | OK |
| B.2.5.5.3 The level of accuracy and completeness in the monitoring of the project activity; | CDM project standard for project activities §242d CDM validation and verification standard for project activities §303d | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| B.2.5.5.4 The additionality of the project activity; | CDM project standard for project activities §242e CDM validation and verification standard for project activities §303e | DR | N/A | OK | OK |
| B.2.5.5.5 The scale of the project activity. | CDM project standard for project activities §242f CDM validation and verification standard for project activities §303f | DR | N/A | OK | OK |
| B.2.5.6 In the case of investment analysis, have PDs modified the key parameters in the original spreadsheet calculations affected by the proposed or actual modifications to the project activity? | CDM project standard for project activities §243a CDM validation and verification standard for project activities §304a | DR | N/A | OK | OK |
| B.2.5.7 In cases where only barriers have been claimed to demonstrate additionality, have PDs demonstrated that the barriers are still valid under the new circumstances? | CDM project standard for project activities §243b CDM validation and verification standard for project | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | activities §304b | | | | |
| B.2.5.8 If the PDs can't demonstrate compliance with the requirements of the applied methodology and, where applicable, the applied standardized baseline under which the project activity has been registered, has PDs revised the PDD applying the latest version of the methodology and, where applicable, the applied standardized baseline? | CDM project standard for project activities §245a (i) | DR | N/A | OK | OK |
| B.2.5.9 If another methodology and, where applicable, the applied standardized baseline is applied to the project activity, has PDs demonstrated compliance with the requirements of the selected methodology and/or the selected standardized baseline? | CDM project standard for project activities §245a-(ii) | DR | N/A | OK | OK |
| | | | | | |
| **C. Description of monitoring system applied by the project** | | | | | |
| **C.1.** Has a description of the monitoring system been provided under section C of the MR? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §258 | DR, SV | a) Please provide the first index protocols of the electricity meters.<br>b) Please provide the meter tests which are related to the current monitoring period.<br>c) Please indicate the meter change process in Section C with indicating the date and the meter details for both old and new ones (e.g. brands, serial numbers, accuracy classes, calibration dates and so on). | CAR-13 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | | | d) During the site visit, it was learned that 4 electricity meters are in the site. However, 2 of them are not connected to the transformer, so no current flows over them (the other main and back up meters measure the electricity generation.). This situation is to be explained and it is to be stated which meters do not have the flow in Section C. Please indicate the relevant date also in Section C and provide the relevant evidence document for this situation.<br>e) Please correct the main source and cross-checked method of the electricity generation in Section C.<br>f) Please include the calibration frequency of the electricity meters with indicating the reference document in Section C. | | |
| **C.2.** Has information about the data collection procedures, including following been provided under section C of the MR? | GS4GG-MR-FORM version 1.1<br>CDM project standard for project activities<br>§258 | DR | Please see below. | | |
| **C.2.1.** Information flow including data generation | CDM project standard for project activities<br>§258 | DR | This is available. | OK | OK |
| **C.2.2.** Data aggregation | CDM project standard for project activities<br>§258 | DR | This is available. | OK | OK |
| **C.2.3.** Data recording | CDM project standard for project activities<br>§258 | DR | This is available. | OK | OK |
| **C.2.4.** Data calculation | CDM project standard for project | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | activities §258 | | | | |
| **C.2.5.** Data reporting | CDM project standard for project activities §258 | DR | This is available. | OK | OK |
| **C.3.** Has organizational structure, roles and responsibilities of personnel, and emergency procedures for the monitoring system been provided under section C of the MR? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §258 | DR | This is available. | OK | OK |
| **C.4.** Regarding to the management and operational system, are the responsibilities and authorities for monitoring and reporting in accordance with the responsibilities and authorities stated in the monitoring plan? | CDM validation and verification standard for project activities §361b-(iv) | DR | This is available. | OK | OK |
| **C.5.** Have quality assurance and quality control procedures been applied in accordance with the monitoring plan? | CDM validation and verification standard for project activities §361e | DR | Please refer to CAR-13. | CAR-13 | OK |
| **C.6.** Has line diagram(s) showing all relevant monitoring points been provided under section C of the MR? | CDM project standard for project activities §258 | DR | The single line diagram is available in Section C. | OK | OK |
| **C.7.** Have the monitoring plan been properly implemented and followed by the PDs? | CDM validation and verification standard for project activities §361a | DR | Please refer to CAR-13. | CAR-13 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **C.8.** Has the monitoring of parameters (baseline / project / leakage / emission reduction) in the project activity been implemented in accordance with the monitoring plan contained in the registered PDD or any accepted revised monitoring plan? | CDM validation and verification standard for project activities §361b-(i)-(ii)-(iii) | DR | Please refer to CAR-13. | CAR-13 | OK |
| **C.9.** Have all parameters stated in the monitoring plan, the applied methodology and relevant CDM EB decisions been sufficiently monitored and updated as applicable? | CDM validation and verification standard for project activities §361b | DR | Please refer to CAR-13. | CAR-13 | OK |
| **C.10.** Are monitoring results consistently recorded and stored as per the approved frequency? | CDM validation and verification standard for project activities §361d | DR | Monitoring results are recorded and stored appropriately. | OK | OK |
| | | | | | |
| **D. Data and Parameters** | | | | | |
| **D.1. Data and parameters fixed ex ante or at renewal of crediting period** | | | | | |
| **D.1.1.** Has all the data that is determined only once for the crediting period but are used after registration of the project, been listed under section D.1 using the tabular format? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.2.** If all the data that is determined only once for the crediting period but are used after registration of the project, does the listed data include all the | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| | Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|---|
| | parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan? | | | | | |
| **D.1.3.** | In the data/parameter tables provided under section D.1 of the MR, for each SDG Indicator given in accordance with the approved PDD? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.4.** | In the data/parameter tables provided under section D.1 of the MR, for each data has the name of the data/parameters given in accordance with the approved PDD and the applied approved methodology? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.5.** | In the data/parameter tables provided under section D.1 of the MR, for each data has the unit of the data/parameters given in accordance with the approved PDD and the applied approved methodology? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.6.** | In the data/parameter tables provided under section D.1 of the MR, for each data has the description of the data/parameters given in accordance with the approved PDD and the applied approved methodology? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.7.** | In the data/parameter tables provided under section D.1 of the MR, for each data has the source of the | GS4GG-MR-FORM version 1.1 | DR | Please revise the reference link in Section D.1 since the link does not open. | CL-2 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| data/parameters given in accordance with the approved PDD and the applied approved methodology? | | | | | |
| **D.1.8.** In the data/parameter tables provided under section D.1 of the MR, for each data has the values applied of the data/parameters given in accordance with the approved PDD and the applied approved methodology? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.9.** In the data/parameter tables provided under section D.1 of the MR, for each data has it been indicated what measurement methods and procedures have been used? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| **D.1.10.** In the data/parameter tables provided under section D.1 of the MR, for each data has it been indicated what the data/parameters are used for (baseline/project/leakage emission calculations)? | GS4GG-MR-FORM version 1.1 | DR | This is in line with the registered PDD. | OK | OK |
| | | | | | |
| **D.2. Data and parameters monitored** | | | | | |
| **D.2.1.** Has all the data that are monitored been listed under section D.2 of the MR using the tabular format? | GS4GG-MR-FORM version 1.1 | DR, SV | a) Please correct "Value(s) Applied" row of "$ER_y$" parameter in Section D.2.<br>b) Please revise "Measurement methods and procedures" and "QA/QC procedures" rows of "$ER_y$" parameter in Section D.2.<br>c) Please complete "Value(s) Applied" row of "$EG_{PJ,y,facility}$" parameter in Section D.2.<br>d) Please revise "Measurement methods and procedures" row of "$EG_{PJ,y,facility}$" parameter in Section D.2. | CAR-14 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | | | e) Please indicate the meter change process in Section D.2.<br>f) Please indicate the calibration dates of the electricity meters in Section D.2.<br>g) Please indicate the calibration frequency of the electricity meters in Section D.2.<br>h) Please provide the social security records of the employees.<br>i) Please provide the training records of the employees which were conducted during the current monitoring period.<br>j) Please revise "Value(s) Applied" row of "Number of trainings" parameter in Section D.2.<br>k) Please provide the hazardous waste disposal records for the current monitoring period.<br>l) Please revise "Value(s) Applied" row of "Waste oil produced during the operation of the power plant" parameter in Section D.2.<br>m) Please revise "Value(s) Applied" row of "Biodiversity" parameter in Section D.2.<br>n) During the site visit, it was learned that 4 electricity meters are in the site. However, 2 of them are not connected to the transformer, so no current flows over them (the other main and back up meters measure the electricity generation.). This situation is to be explained and it is to be stated which meters do not have the flow in Section D.2. Please indicate the relevant date also in Section D.2. | | |
| **D.2.2.** In the data/parameter tables provided under section D.2 of the MR, for each data has the name of the SDG Indicator and data/parameters given in accordance with the approved PDD | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| | Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|---|
| | and the applied approved methodology? | | | | | |
| **D.2.3.** | In the data/parameter tables provided under section D.2 of the MR, for each data has the unit of the data/parameters given in accordance with the registered PDD and the applied approved methodology? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.4.** | In the data/parameter tables provided under section D.2 of the MR, for each data has it been described how the data is monitored? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.5.** | In the data/parameter tables provided under section D.2 of the MR, for each data has the source of data been indicated (like logbooks, daily records, surveys, etc.)? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.6.** | In the data/parameter tables provided under section D.2 of the MR, for each data has the values of the monitoring parameter been indicated? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.7.** | In the data/parameter tables provided under section D.2 of the MR, for each data has the QA/QC procedures being applied been given? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **D.2.8.** In the data/parameter tables provided under section D.2 of the MR, for each data has it been indicated what types of equipment are used to monitor each parameter, including following, if applicable as per the monitoring plan? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| D.2.8.1 Details on accuracy class | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| D.2.8.2 Calibration frequency | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| D.2.8.3 Serial number | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| D.2.8.4 Calibration date | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| D.2.8.5 Validity of the calibration | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.9.** In the data/parameter tables provided under section D.2 of the MR, for each data has the measurement and recording frequency been indicated? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.10.** Is the calibration frequency for measuring equipments specified in the monitoring methodology, in the applied standardized baselines or in the monitoring plan? | CDM validation and verification standard for project activities §370 | DR | Please refer to CAR-14. | CAR-14 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **D.2.11.** If the calibration frequency for measuring equipments isn't specified in the monitoring methodology, in the applied standardized baselines or the monitoring plan, are the equipments calibrated either in accordance with the specifications of the local/national standards, or as per the manufacturer's specification? | CDM validation and verification standard for project activities §370 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.12.** If neither local/national standards nor the manufacturer's specification are available, have the international standards been used? | CDM validation and verification standard for project activities §370 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.13.** Is the calibration of the measuring equipment that have an impact on the claimed emission reductions conducted by the PDs at a frequency specified in the applied monitoring methodology and/or the monitoring plan? | CDM validation and verification standard for project activities §371 | DR | Please refer to CAR-14. | CAR-14 | OK |
| **D.2.14.** Has the calibration been delayed and has the calibration been implemented after the monitoring period in consideration (i.e., the results of delayed calibration are available) for the certain monitoring period? | CDM validation and verification standard for project activities §366 | DR | N/A | OK | OK |
| **D.2.15.** If the calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e., the results of delayed calibration | CDM validation and verification standard for project activities §366 | DR | N/A | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| are available) for the certain monitoring period, are one of the following approaches adopted by the PDs for the calculation of emission reductions? | | | | | |
| D.2.15.1 Applying the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error; or | CDM validation and verification standard for project activities §366a | DR | N/A | OK | OK |
| D.2.15.2 Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment. | CDM validation and verification standard for project activities §366b | DR | N/A | OK | OK |
| **D.2.16.** If calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, has the error been applied in following ways? | CDM validation and verification standard for project activities §367 | DR | N/A | OK | OK |
| D.2.16.1 The adjusted measured values of the delayed calibration result in fewer claimed emission reductions? | CDM validation and verification standard for project activities §367a | DR | N/A | OK | OK |

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| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| D.2.16.2 For all measured values taken during the period between the scheduled date of calibration and the actual date of calibration? | CDM validation and verification standard for project activities §367b | DR | N/A | OK | OK |
| **D.2.17.** If the results of the delayed calibration aren't available, have Pss calculated the emission reductions conservatively? | CDM validation and verification standard for project activities §368 | DR | N/A | OK | OK |
| **D.2.18.** If the results of the delayed calibration aren't available, have post registration requirements been followed by the PDs? | CDM validation and verification standard for project activities §369 | DR | N/A | OK | OK |
| **D.2.19.** Have any information about appropriate emission factors, IPCC default values and any other reference values that have been used in the calculation of emission reductions been given in detail in the MR? | GS4GG-MR-FORM version 1.1 | DR | N/A | OK | OK |
| **D.2.20.** If the data that are monitored been listed under section D.2 using the tabular format, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and, where applicable, the applied standardized baseline and the monitoring plan? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §259 | DR | Please refer to CAR-14. | CAR-14 | OK |

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| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **D.2.21.** Is a complete set of data available for the specified monitoring period? | CDM validation and verification standard for project activities §373 | DR | Please refer to CAR-14. | CAR-14 | OK |
| | | | | | |
| **D.3. Comparison of monitored parameters with last monitoring period** | | | | | |
| **D.3.1.** In case of community service activities, has the monitored parameters been stated and compared with the previous monitoring period? | GS4GG-MR-FORM version 1.1 | DR | Since the project is not community service project, this section is non-applicable. | OK | OK |
| **D.3.2.** In case of community service activities, has the short explanation for any values that have increased or are less conservative been provided? | GS4GG-MR-FORM version 1.1 | DR | Since the project is not community service project, this section is non-applicable. | OK | OK |
| | | | | | |
| **D.4. Implementation of sampling plan** | | | | | |
| **D.4.1.** If data and parameters monitored described in section D.2 of the MR are determined by a sampling approach, has the description on how PDs implemented the sampling for those data and parameters according to the sampling plan been provided? | GS4GG-MR-FORM version 1.1 CDM Standard: Sampling and surveys for CDM project activities and programmes of activities | DR | N/A (Sampling approach is not used.) | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| | CDM Guideline: Sampling and surveys for CDM project activities and programmes of activities | | | | |
| **D.4.2.** If data and parameters monitored described in section D.2 of the MR are determined by a sampling approach, has the following been included? | GS4GG-MR-FORM version 1.1 CDM Standard: Sampling and surveys for CDM project activities and programmes of activities §29 §30 §31 §32 §33 §39 | DR | N/A (Sampling approach is not used.) | OK | OK |
| D.4.2.1 Description of implemented sampling design; | GS4GG-MR-FORM version 1.1 | DR | N/A (Sampling approach is not used.) | OK | OK |
| D.4.2.2 Collected data (electronic spreadsheets may be attached and referenced); | GS4GG-MR-FORM version 1.1 | DR | N/A (Sampling approach is not used.) | OK | OK |
| D.4.2.3 Analysis of the collected data; | GS4GG-MR-FORM version 1.1 | DR | N/A (Sampling approach is not used.) | OK | OK |
| D.4.2.4 Demonstration on whether the required confidence/precision has been met. | GS4GG-MR-FORM version 1.1 | DR | N/A (Sampling approach is not used.) | OK | OK |

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| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| D.4.2.5 Demonstration that the samples were randomly selected and are representative of the population. | GS4GG-MR-FORM version 1.1 | DR | N/A (Sampling approach is not used.) | OK | OK |
| | | | | | |
| **E. Calculation of SDG Impacts** | | | | | |
| **E.1. Calculation of baseline value or estimation of baseline situation of each SDG impact** | | | | | |
| **E.1.1.** Has all the formulae used to calculate the baseline value been provided under section E.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | a) Please indicate the baseline emission values for the current monitoring period in Section E.1.<br>b) Please revise Footnote 5 (it is stated as "Hasanbeyli WPP" in Footnote 5).<br>c) Please provide the EPIAS screenshots and OSF forms for the current monitoring period. | CAR-15 | OK |
| **E.1.2.** Has sample calculations for all formulae used and calculation of baseline values been provided under section E.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-15. | CAR-15 | OK |
| **E.1.3.** Has all electronic spreadsheets to present full calculations in the monitoring report been attached? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the baseline emission values in monthly basis in the ER Calculation Excel sheet. | CAR-16 | OK |
| **E.1.4.** Have any assumptions used in baseline calculations been justified? | CDM validation and verification standard for project activities §373d | DR | N/A | OK | OK |
| **E.1.5.** If applicable, are the appropriate factors used for the baseline calculations in line with the good | CDM validation and verification standard for project | DR | N/A (The grid emission factor has been calculated and determined during the validation process). | OK | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| guidance practices? (e.g., IPCC default values and other reference values) | activities §373e | | | | |
| | | | | | |
| **E.2. Calculation of project value or estimation of project situation of each SDG outtcome** | | | | | |
| **E.2.1.** Has all the formulae used to calculate the project value been provided under section E.2 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the electricity generation value in Section E.2. | CAR-17 | OK |
| **E.2.2.** Has sample calculations for all formulae used and calculation of project values been provided under section E.2 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-17. | CAR-17 | OK |
| **E.2.3.** Has all electronic spreadsheets to present full calculations in the monitoring report been attached? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the project emission values in monthly basis in the ER Calculation Excel sheet. | CAR-18 | OK |
| **E.2.4.** Have any assumptions used in project calculations been justified? | CDM validation and verification standard for project activities §373d | DR | N/A | OK | OK |
| **E.2.5.** If applicable, are the appropriate factors used for the project calculations in line with the good guidance practices? (e.g., IPCC default values and other reference values) | CDM validation and verification standard for project activities §373e | DR | N/A (The grid emission factor has been calculated and determined during the validation process). | OK | OK |
| | | | | | |
| **E.3. Calculation of leakage** | | | | | |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **E.3.1.** Has all the formulae used to calculate the leakage value been provided under section E.3 of the MR? | GS4GG-MR-FORM version 1.1 | DR | The leakage emissions are considered as zero. | OK | OK |
| **E.3.2.** Has sample calculations for all formulae used and calculation of leakage values been provided under section E.3 of the MR? | GS4GG-MR-FORM version 1.1 | DR | The leakage emissions are considered as zero. | OK | OK |
| **E.3.3.** Has all electronic spreadsheets to present full calculations in the monitoring report been attached? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the leakage emission values in monthly basis in the ER Calculation Excel sheet. | CAR-19 | OK |
| **E.3.4.** Have any assumptions used in leakage calculations been justified? | CDM validation and verification standard for project activities §373d | DR | N/A | OK | OK |
| **E.3.5.** If applicable, are the appropriate factors used for the leakage calculations in line with the good guidance practices? (e.g., IPCC default values and other reference values) | CDM validation and verification standard for project activities §373e | DR | N/A (The grid emission factor has been calculated and determined during the validation process). | OK | OK |
| | | | | | |
| **E.4. Calculation of net benefits or direct calculation for each SDG impact** | | | | | |
| **E.4.1.** Has all the net benefits as difference of baseline and project values or direct calculations for each SDG outcome provided under section E.4 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the necessary values in Section E.4. | CAR-20 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **E.4.2.** Has all electronic spreadsheets to present full calculations in the monitoring report been attached? | GS4GG-MR-FORM version 1.1 | DR | Please indicate the emission reduction values in monthly basis in the ER Calculation Excel sheet with using the formula (ER= BE-PE-LE) and using the "round down function". | CAR-21 | OK |
| | | | | | |
| **E.5. Comparison of actual SDG impacts with estimates in approved PDD** | | | | | |
| **E.5.1.** Has a comparison of actual values of the SDG impact of the project achieved during the monitoring period with the estimations in the approved PDD been given under section E.5 of the MR? | GS4GG-MR-FORM version 1.1 CDM project standard for project activities §267 | DR | Please indicate the necessary values in Section E.5 and E.5.1. | CAR-22 | OK |
| **E.5.2.** If the comparison of actual values of the SDG outcome of the project achieved during the monitoring period with the estimations in the approved PDD is given under section E.5 of the MR, has this comparison been given using the tabular format provided? | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-22. | CAR-22 | OK |
| | | | | | |
| **E.6. Remarks on difference from estimated value in approved PDD** | | | | | |
| **E.6.1.** Has an explanation of the cause of any increase in the actual values achieved during the current monitoring period (e.g. higher water availability, higher load plant factor, etc.), including all | GS4GG-MR-FORM version 1.1 | DR | a) Please indicate the necessary values in Section E.6.<br>b) Please include Table 8 and Table 9 in Section E.6. | CAR-23 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| information (i.e. data and/or parameters) that is different from that stated in the approved PDD, been provided under section E.6 of the MR? | | | | | |
| | | | | | |
| **F. Safeguards Reporting** | | | | | |
| **F.1.** Has the report on the safeguarding principles that were available the in monitoring plan been provided including the following? | GS4GG-MR-FORM version 1.1 | DR | Please complete Section F. | CAR-24 | OK |
| **F.1.1.** An update on the implementation including information on relative success and failures, or improvements to proposed mitigation measures | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-24. | CAR-24 | OK |
| **F.1.2.** Monitoring and reporting on any key indicators identified, including against pre-set tolerances | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-24. | CAR-24 | OK |
| **F.1.3.** Information on any assessment questions answered 'potentially' or where requirements call for regular re-assessment | GS4GG-MR-FORM version 1.1 | DR | Please refer to CAR-24. | CAR-24 | OK |
| | | | | | |
| **G. Stakeholder Inputs and Legal Disputes** | | | | | |
| **G.1. List all inputs and grievances which have been received via the continuous input and grievance mechanism together with their respective responses/mitigations** | | | | | |

*DR= Document Review, I= Interview, SV=Site Visit

| Question | Reference | Means of verification* | Findings, comments, references and document sources | Draft opinion | Final opinion |
|---|---|---|---|---|---|
| **G.1.1.** Is the list of all inputs/grievances which have been received for the project during the monitoring period together with their respective answers/actions provided in section G.1 of the MR? | GS4GG-MR-FORM version 1.1 | DR | a) Please indicate the name of the village where the mukhtar is responsible in Section G.1.<br>b) Please complete the information in Section G.1.<br>c) Please provide the signed letter of the mukhtar about the complaints of the villagers. | CAR-25 | OK |
| | | | | | |
| **G.2. Report on any stakeholder mitigations that were agreed to be monitored** | | | | | |
| **G.2.1.** If there any remaining inputs/grievances from previous monitoring period where follow up action/mitigation measure is to be verified in this monitoring period from the validation and/or previous verification activities, have the PDs addressed these in section G.2 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Since there is no request or complaint from the stakeholders, no mitigation is monitored specially. | OK | OK |
| | | | | | |
| **G.3. Provide details of any legal contest that has arisen with the project during the monitoring period** | | | | | |
| **G.3.1.** Has there been any legal contest or dispute that has arisen with the project during the monitoring period and are such details and resolution provided in section G.3 of the MR? | GS4GG-MR-FORM version 1.1 | DR | Please provide the signed and sealed letter to demonstrate that “No legal contest or dispute has arisen with the project during the monitoring period”. | CL-3 | OK |

*DR= Document Review, I= Interview, SV=Site Visit

**Table 2 – Resolution of Corrective Action, Forward Action and Clarification Requests**

| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| CAR-1<br>Please correct the layout of "Key Project Information" table (some rows are not separated from each other). | 1 | The "Key Project Information" table has been revised. | Review-1:<br>Ok Closed (The layout of KPI section was revised.) |
| CAR-2<br>Please correct the project title on the cover page. | 1.2 | It's been corrected. | Review-1:<br>Ok Closed (The project title was corrected.) |
| CAR-3<br>Please indicate the date of last annual report on the cover page and provide the relevant evidence document. | 1.7 | The date of last annual report has been indicated on the cover page and the relevant evidence document has been provided. | Review-1:<br>Ok Closed (The date was indicated and the relevant evidence document was provided.) |
| CAR-4<br>Please indicate the project owner as well in "Project Representative(s)" row on the cover page. | 1.10 | The project owner has been indicated on the cover page.<br><br>Review-1:<br>An explanation has been included in Section A.1 as a footnote. | Review-1:<br>In the provisional acceptance protocols, the project owner is indicated as "Tokat Enerji A.Ş.". In the GS Impact Registry, "İltek Enerji Yatırım Sanayi ve Ticaret A.Ş." is stated. However, in the MR, "Eksim Enerji A.Ş." is indicated as the project owner. Please check the differences observed.<br><br>Review-2:<br>Ok Closed (The explanation was included in Section A.1.) |
| CAR-5<br>a) Please indicate "Amount Achieved" values of the SDGs in Table 1 on the cover page.<br>b) Please indicate "Units/Products" of SDG 8 in Table 1 on the cover page. | 2 | a) They have been included in Table 1.<br>b) "Units/Products" of SDG 8 has been indicated in Table 1.<br><br>Review-1: | Review-1:<br>a) In "Cell I31" in "Baseline Emissions" Excel sheet, the emission reduction value is stated as "89,836 tCO2e". However, in Table 1, the value is indicated differently. |

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| | | a) Cell "I31" has been revised accordingly. | Please correct the value in Table 1 of the MR.<br>b) Ok Closed (The unit was included.)<br><br>Review-2:<br>a) Ok Closed (The Excel sheet was revised.) |
| CAR-6<br>Please indicate "VERs" of the years in Table 2 on the cover page. | 3 | The "VERs" have been indicated in Table 2.<br><br>Review-1:<br>Table 2 has been revised accordingly. | Review-1:<br>The emission reduction values are indicated differently in "Baseline Emissions" Excel sheet compared to those indicated in Table 2. Please correct the values in Table 2 of the MR.<br><br>Review-2:<br>Ok Closed (The values were revised in Table 2.) |
| CAR-7<br>a) Please correct the project name in the first sentence of Section A.1 and throughout the MR.<br>b) Please provide the provisional acceptance protocols of the project activity.<br>c) Please provide the generation license of the project activity.<br>d) Please provide "EIA Decision" document of the project activity.<br>e) Please revise the statement "The project is in implementation since September 24th, 2010" in Section A.1 since the construction started at this date, not the implementation. | A.1.1 | a) It's been corrected.<br>b) The provisional acceptance protocols of the project activity have been provided to the VVB.<br>c) The generation license has been provided to the VVB.<br>d) The "EIA Decision" document is available to the VVB.<br>e) The statement "The project is in implementation since September 24th, 2010" has been revised.<br>f) The total installed capacity of 16 turbines has been indicated in Section A.1.<br>g) The registered PDD does not include the technical features of generators, so it's not been included in MR. | Review-1:<br>a) Ok Closed (The project name was corrected in Section A.1.)<br>b) The provisional acceptance protocols were provided only for the additional wind turbines. Please provide all provisional acceptance protocols.<br>c) As per the generation license, the total installed capacity is 94 MWm/ 89.5 MWe. However, the capacity is indicated differently in Section A.1. Please correct the contradiction. |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| f) Please indicate the total installed capacity of 16 turbines as well in Section A.1 since this installed capacity will take into consideration for the current monitoring period.<br>g) Please briefly describe the generations' technical features as well in Section A.1.<br>h) Please indicate the achieved annual and total electricity generation values of the current monitoring period in Section A.1.<br>i) Please indicate the achieved annual and total emission reduction values of the current monitoring period in Section A.1.<br>j) The end date of the current monitoring period is indicated as "31/01/2023" on the cover page. However, the relevant date indicated as "31/03/2023" in Table in Section A.1. Please correct the contradiction.<br>k) Please provide the technical documents of the turbines and generators. | | h) The achieved annual and total electricity generation values of the current monitoring period have been included in Section A.1.<br>i) The achieved annual and total emission reduction values of the current monitoring period have been included in Section A.1.<br>j) The contradiction regarding the end date of the current monitoring period has been cleared.<br>k) The provisional acceptance protocols of the project activity have been provided to the VVB.<br><br>Review-1:<br>b) The provisional acceptance protocols for all turbines have been provided to the VVB.<br>c) Section A.1 has been revised accordingly.<br>j) It's been corrected.<br>k) It's been included in Section B.1. | d) Ok Closed (The EIA Decision document was provided.)<br>e) Ok Closed (Section A.1 was revised accordingly.)<br>f) Ok Closed (The total installed capacity of the registered project was included.)<br>g) Ok Closed (Brief technical information of the turbines were included in Section A.1.)<br>h) Ok Closed (The relevant values were indicated in Section A.1.)<br>i) Ok Closed (The relevant values were indicated in Section A.1.)<br>j) Please correct the "end date of the 2nd crediting period" in Table 5 in Section A.1.<br>k) Please include the reference link for the turbines specifications in Section B.1.<br><br>Review-2:<br>b) Ok Closed (All provisional acceptance protocols were provided.)<br>c) Ok Closed (The relevant information was included in Section A.1.)<br>j) Ok Closed (The date was corrected in Table 5.)<br>k) Ok Closed (The reference document was indicated in Section B.1.) |
| CAR-8<br>a) Please provide the table number in Section A.2 (i.e. Table X). | A.2.1 | a) Table number has been included in Section A.2.<br>b) The .kmz file of the project activity has been provided to the VVB. | Review-1:<br>a) Ok Closed (The table number was included in Section A.2.) |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| b) Please provide the KMZ file of the project activity with indicating the wind turbines.<br>c) 17 wind turbines are indicated in Figure 3 in Section A.2. Please revise the figure for 16 wind turbines. | | c) The name of the Figure 3 has been revised accordingly.<br><br>Review-1:<br>Figure 3 has been revised. The coordinates of 34 turbines have been included in Table 6 as well. | b) Ok Closed (The KMZ file was provided.)<br>c) Please include all wind turbines in Figure 3 (i.e. 34 wind turbines) in Section A.2.<br><br>Review-2:<br>c) Ok Closed (Section A.2 was revised accordingly.) |
| CAR-9<br>Please include the reference links of the applied methodology and tools in Section A.3. | A.3.1 | The reference links of the applied methodology and tools have been included in Section A.3. | Review-1:<br>Ok Closed (The reference links were included in Section A.3.) |
| CAR-10<br>Please revise the statement "The first crediting period is 7 years." in Section A.4 (i.e. It is to clearly stated that the current monitoring period is related to the second crediting period.). | A.4.1 | The statement "The first crediting period is 7 years." in Section A.4 has been revised. | Review-1:<br>Ok Closed (The relevant information was revised in Section A.4.) |
| CAR-11<br>a) Please indicate the start date of the operation in Section B.1.<br>b) Please indicate the total number of the wind turbines and the total installed capacity of the project activity in Section B.1.<br>c) Please indicate the technical features of the turbines, generators and electricity meters in Section B.1.<br>d) Please indicate the project lifetime in Section B.1 with specifying the evidence document. | B.1.1 | a) The start date of the operation has been included in Section B.1.<br>b) The total number of the wind turbines and the total installed capacity of the project activity have been included in Section B.1.<br>c) The technical features of the turbines, generators and electricity meters have been included in Section B.1.<br>d) The project lifetime has been indicated in Section B.1 with the evidence document.<br><br>Review-1:<br>b) The statement has been revised accordingly. | Review-1:<br>a) Ok Closed (The start date of the operation was included in Section B.1.)<br>b) Please revise the statement "The total annual electricity generation of the project is calculated as 85,657.50 MWh/year." in Section B.1 (it is the estimated value).<br>c) As per the provided "Sayaç Test Raporları" (dated 31/10/2022), the serial numbers of the electricity meters are "3574742", "3574741", "3574743" and "3574744". Also, the accuracy classes are not C(0.5S). Please check the differences observed in Section B.1. Also, the |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| | | c) The accuracy classes of the power meters have been corrected. Visible photographic evidence of the electricity meters is available to the VVB.<br>However, the latest test date of the meters is 31/10/2022. Section B.1 has been revised accordingly and the relevant meter test protocol ("Sayaç Test Raporları", dated 31/10/2022) has been provided to the VVB. | photographic evidences of the electricity meters are not visible. Please provide the relevant photographs again. Moreover, the calibration test dated "26/05/2022" is not provided.<br>d) Ok Closed (The lifetime of the project was indicated.)<br><br>Review-2:<br>b) Ok Closed (The relevant statement was corrected in Section B.1.)<br>c) Ok Closed (The necessary revisions were made.) |
| CAR-12<br>"CP Renewal Validation Report" and "Design Review" for the CP Renewal are to be considered as well for FARs in Section B.1.1. | B.1.1.1 | | Review-1:<br>Ok Closed (Section B.1.1 was revised accordingly.) |
| CAR-13<br>a) Please provide the first index protocols of the electricity meters.<br>b) Please provide the meter tests which are related to the current monitoring period.<br>c) Please indicate the meter change process in Section C with indicating the date and the meter details for both old and new ones (e.g. brands, serial numbers, accuracy classes, calibration dates and so on).<br>d) During the site visit, it was learned that 4 electricity meters are in the site. However, 2 of them are not connected to the transformer, so no current flows over | C.1 | a) The first index protocols of the electricity meters have been provided to the VVB.<br>b) The meter tests which are related to the current monitoring period have been provided to the VVB.<br>c) Section C has been revised accordingly.<br>d) Section C has been revised accordingly and all necessary explanations have been included.<br>e) The main source and cross-checked method of the electricity generation has been corrected in Section C.<br>f) The calibration frequency of the electricity meters with indicating the reference document has been included in Section C. | Review-1:<br>a) Ok Closed (The first index protocols were provided.)<br>b) Please provide the meter test dated 26/05/2022 which is indicated in Table 8 in Section B.1.<br>c) Ok Closed (The meter change process was included in Section C.)<br>d) Please specify the serial numbers of the electricity meters in "These electricity meters currently have no current and are not operational." statement in Section C (it can be confused with old meters). Also |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| them (the other main and back up meters measure the electricity generation.). This situation is to be explained and it is to be stated which meters do not have the flow in Section C. Please indicate the relevant date also in Section C and provide the relevant evidence document for this situation.<br>e) Please correct the main source and cross-checked method of the electricity generation in Section C.<br>f) Please include the calibration frequency of the electricity meters with indicating the reference document in Section C. | | Review-1:<br>b) The latest test date of the meters is 31/10/2022. Section B.1 has been revised accordingly and the relevant meter test protocol ("Sayaç Test Raporları", dated 31/10/2022) has been provided to the VVB.<br>d) Section C has been revised accordingly and the relevant evidence document is available to the VVB. | please provide the relevant evidence document.<br>e) Ok Closed (The relevant information was corrected in Section C.)<br>f) Ok Closed (The relevant information and the reference link were included in Section C.)<br><br>Review-2:<br>b) Ok Closed (The clarification was made.)<br>d) Ok Closed (Section C was corrected and the relevant evidence document was provided.) |
| CAR-14<br>a) Please correct "Value(s) Applied" row of "ERy" parameter in Section D.2.<br>b) Please revise "Measurement methods and procedures" and "QA/QC procedures" rows of "ERy" parameter in Section D.2.<br>c) Please complete "Value(s) Applied" row of "EGPJ,y,facility" parameter in Section D.2.<br>d) Please revise "Measurement methods and procedures" row of "EGPJ,y,facility" parameter in Section D.2.<br>e) Please indicate the meter change process in Section D.2.<br>f) Please indicate the calibration dates of the electricity meters in Section D.2. | D.2.1 | a) The "Value(s) Applied" row of "ERy" parameter has been corrected.<br>b) The "Measurement methods and procedures" and "QA/QC procedures" rows of "ERy" parameter have been revised.<br>c) The "Value(s) Applied" row of "EGPJ,y,facility" parameter has been completed.<br>d) The "Measurement methods and procedures" row of "EGPJ,y,facility" parameter has been revised.<br>e) The meter change process has been included in Section D.2.<br>f) The calibration dates of the electricity meters have been included in Section D.2.<br>g) The calibration frequency of the electricity meters has been included in Section D.2. | Review-1:<br>a) Please correct "Value(s) Applied" row of "ERy" parameter in Section D.2.<br>b) Ok Closed (Section D.2 was revised accordingly.)<br>c) Please remove the estimated value from "Value(s) Applied" row of "EGPJ,y,facility" parameter in Section D.2. Also, please correct the period "16/09/2021 – 21/12/2021" in "Value(s) Applied" row of "EGPJ,y,facility" parameter in Section D.2.<br>d) Ok Closed (Section D.2 was revised accordingly.)<br>e) Please revise the date in the statement "Meters that were changed on 02/11/2020" in "Measurement methods and procedures" row of "EGPJ,y,facility" |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| g) Please indicate the calibration frequency of the electricity meters in Section D.2.<br>h) Please provide the social security records of the employees.<br>i) Please provide the training records of the employees which were conducted during the current monitoring period.<br>j) Please revise "Value(s) Applied" row of "Number of trainings" parameter in Section D.2.<br>k) Please provide the hazardous waste disposal records for the current monitoring period.<br>l) Please revise "Value(s) Applied" row of "Waste oil produced during the operation of the power plant" parameter in Section D.2.<br>m) Please revise "Value(s) Applied" row of "Biodiversity" parameter in Section D.2.<br>n) During the site visit, it was learned that 4 electricity meters are in the site. However, 2 of them are not connected to the transformer, so no current flows over them (the other main and back up meters measure the electricity generation.). This situation is to be explained and it is to be stated which meters do not have the flow in Section D.2. Please indicate the relevant date also in Section D.2. | | h) The social security records of the employees have been provided to the VVB.<br>i) The training records of the employees which were conducted have been provided to the VVB.<br>j) The "Value(s) Applied" row of "Number of trainings" parameter has been revised.<br>k) The hazardous waste disposal records for the current monitoring period have been provided to the VVB.<br>l) The "Value(s) Applied" row of "Waste oil produced during the operation of the power plant" parameter has been revised.<br>m) The "Value(s) Applied" row of "Biodiversity" parameter has been revised.<br>n) Section D.2 has been revised accordingly and all necessary explanations have been included.<br><br>Review-1:<br>a) It's been corrected.<br>c)e)f) "EGPJ,y,facility" parameter has been revised accordingly.<br>k) The hazardous waste disposal records are available to the VVB.<br>l) "Value(s) Applied" row of "Waste oil produced during the operation of the power plant" parameter has been revised. | parameter in Section D.2. Also, please correct "Latest test date of the meter" for all electricity meters in Section D.2. Moreover, please correct "Date of Installation" of "3574741" and "3574742".<br>f) Please revise the date in the statement "Meters that were changed on 02/11/2020" in "Measurement methods and procedures" row of "EGPJ,y,facility" parameter in Section D.2. Also, please correct "Latest test date of the meter" for all electricity meters in Section D.2. Moreover, please correct "Date of Installation" of "3574741" and "3574742".<br>g) Ok Closed (The calibration frequency was included in Section D.2.)<br>h) Ok Closed (Social security records were provided.)<br>i) Ok Closed (Training records were provided.)<br>j) Ok Closed (Section D.2 was revised accordingly.)<br>k) Please provide the hazardous waste disposal records for the current monitoring period.<br>l) Please revise "Value(s) Applied" row of "Waste oil produced during the operation of the power plant" parameter in Section D.2.<br>m) Ok Closed (Section D.2 was revised.) |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| | | | n) Ok Closed (The relevant information was included in Section D.2.)<br><br>Review-2:<br>a) Ok Closed (The values were revised in Section D.2.)<br>c) Ok Closed (The values were revised in Section D.2.)<br>e) Ok Closed (The relevant information was included in Section D.2.)<br>f) Ok Closed (The relevant information was included in Section D.2.)<br>k) Ok Closed (The disposal records were provided.)<br>l) Ok Closed (Section D.2 was revised accordingly.) |
| CAR-15<br>a) Please indicate the baseline emission values for the current monitoring period in Section E.1.<br>b) Please revise Footnote 5 (it is stated as "Hasanbeyli WPP" in Footnote 5).<br>c) Please provide the EPIAS screenshots and OSF forms for the current monitoring period. | E.1.1 | a) Section E.1 has been revised.<br>b) Footnote 5 has been revised.<br>c) The EPIAS screenshots and OSF forms for the current monitoring period have been provided to the VVB.<br><br>Review-1:<br>a) Section E.1 has been revised accordingly.<br>c) Excel sheet has been revised accordingly. | Review-1:<br>a) Please use the achieved values for the baseline emission calculation in Section E.1. Also, Table 10 is not the same table with the table included in "Baseline Emissions" Excel sheet (e.g. Mar-23 (31/03/2023) Adjusted Baseline Emission Value and so on).<br>b) Ok Closed (The relevant statement was revised.)<br>c) Please correct Cells "C28, C31, D28, D31, D24" in "Baseline Emissions" Excel sheet.<br><br>Review-2: |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| | | | a) Ok Closed (Section E.1 was revised.)<br>c) Ok Closed (The Excel sheet was revised accordingly.) |
| CAR-16<br>Please indicate the baseline emission values in monthly basis in the ER Calculation Excel sheet. | E.1.3 | The ER Calculation Excel sheet has been revised accordingly. | Review-1:<br>Ok Closed (The baseline emission values were indicated in monthly basis.) |
| CAR-17<br>Please indicate the electricity generation value in Section E.2. | E.2.1 | The electricity generation value has been included in Section E.2. | Review-1:<br>Ok Closed (The electricity generation value was included in Section E.2.) |
| CAR-18<br>Please indicate the project emission values in monthly basis in the ER Calculation Excel sheet. | E.2.3 | The ER Calculation Excel sheet has been revised accordingly.<br><br>Review-1:<br>ER Calculation Excel sheet has been revised accordingly. | Review-1:<br>Please indicate the project emission values in monthly basis in the ER Calculation Excel sheet.<br><br>Review-2:<br>Ok Closed (The project emissions were included in the Excel sheet.) |
| CAR-19<br>Please indicate the leakage emission values in monthly basis in the ER Calculation Excel sheet. | E.3.3 | The ER Calculation Excel sheet has been revised accordingly.<br><br>Review-1:<br>ER Calculation Excel sheet has been revised accordingly. | Review-1:<br>Please indicate the leakage emission values in the same table with the baseline emission values in "Baseline Emissions" Excel sheet.<br><br>Review-2:<br>Ok Closed (The leakage emissions were included in the Excel sheet.) |
| CAR-20 | E.4.1 | The necessary values have been included in Section E.4. | Review-1: |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| Please indicate the necessary values in Section E.4. | | Review-1:<br>Section E.4 has been revised accordingly. | Please revise the values in Section E.4 (They are not the same with the values indicated in the ER Calculation Excel sheet.).<br><br>Review-2:<br>Ok Closed (Section E.4 was revised accordingly.) |
| CAR-21<br>Please indicate the emission reduction values in monthly basis in the ER Calculation Excel sheet with using the formula (ER= BE-PE-LE) and using the "round down function". | E.4.2 | The ER Calculation Excel sheet has been revised accordingly.<br><br>Review-1:<br>ER Calculation Excel sheet has been revised accordingly. | Review-1:<br>Please indicate the emission reduction values in monthly basis in the ER Calculation Excel sheet with using the formula (ER= BE-PE-LE) and using the "round down function".<br><br>Review-2:<br>Ok Closed (The formula was included in the Excel sheet.) |
| CAR-22<br>Please indicate the necessary values in Section E.5 and E.5.1. | E.5.1 | The necessary values have been included in Section E.5 and E.5.1. | Review-1:<br>Ok Closed (Section E.5 and Section E.5.1 were completed.) |
| CAR-23<br>a) Please indicate the necessary values in Section E.6.<br>b) Please include Table 8 and Table 9 in Section E.6. | E.6.1 | a) Section E.6 has been revised.<br>b) Table 8 and Table 9 have been included. | Review-1:<br>a) Ok Closed (The values were indicated in Section E.6.)<br>b) Ok Closed (Section E.6 was completed.) |
| CAR-24<br>Please complete Section F. | F.1 | The Section F has been completed. | Review-1:<br>Ok Closed (Section F was completed.) |
| CAR-25 | G.1.1 | a) The name of the village where the mukhtar is responsible has been indicated in Section G.1. | Review-1: |

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| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team | Ref. to Checklist Questions in Table-1 | Summary of Project Developers' Response | Verification Team Conclusion |
|---|---|---|---|
| a) Please indicate the name of the village where the mukhtar is responsible in Section G.1.<br>b) Please complete the information in Section G.1.<br>c) Please provide the signed letter of the mukhtar about the complaints of the villagers. | | b) Section G.1 has been revised accordingly.<br>c) Photographic evidence of the grievance logbook in the Mukhtar's office was submitted to the VVB. | a) Ok Closed (The relevant information was included in Section G.1.)<br>b) Ok Closed (Section G.1 was completed.)<br>c) Ok Closed (The grievance logbook was provided.) |
| CL-1<br>Please provide the "Design Review" document of the project activity for the CP Renewal process. | 1.6 | The Design Review document for the CP Renewal process has been provided to the VVB. | Review-1:<br>Ok Closed (The design renewal review document was provided.) |
| CL-2<br>Please revise the reference link in Section D.1 since the link does not open. | D.1.7 | The link has been revised.<br><br>Review-1:<br>The referene link has been revised. | Review-1:<br>As per the reference link in Section D.1, the emission factor value is 0.6198 tCO2/MWh. Therefore, please revise the reference link in Section D.1.<br><br>Review-2:<br>Ok Closed (The reference link was revised.) |
| CL-3<br>Please provide the signed and sealed letter to demonstrate that "No legal contest or dispute has arisen with the project during the monitoring period". | G.3.1 | The signed and sealed letter has been provided to the VVB. | Review-1:<br>Ok Closed (The relevant signed declaration was provided.) |
| CAR-26<br>a) The header in the MR has been altered as compared to the header available in the original MR template available on the GS website. Hence the original MR template shall be restored.<br>b) Please check the format of the Table 8, which has been disturbed. Check and formatting to be corrected. | ITR | a) The header of the MR has been revised.<br>b) It's been corrected. | Review-1:<br>a) Ok Closed (The layout was revised.)<br>b) Ok Closed (The format of the table was revised.) |

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| CAR-27<br>The amount achieved for the SDG 13 is provided as "89,825 VERs" as per the Table 1 of the MR, while the same is "89,834 VERs" as per the Cell G32 of the "Emission Reductions" spreadsheet of the ERs Excelsheet. Please check.<br>Similarly please check the emission reductions throughout the MR. | ITR | Since the value is of EFgrid,CM,y has been changed to "0.6198 tCO2/MWh", both ER Calculations Excel Spreadtsheet and the MR have been revised accordingly. | Review-1:<br>Ok Closed (The relevant values were revised.) |
| CAR-28<br>For the SDG 08, the "baseline estimate" is 0, "project estimate" is 17 and while the Net Benefit is 19 in the table under Section E.4 of the MR. Please check and provide corrections wherever required. | ITR | Section E.4 has been revised accordingly. | Review-1:<br>Ok Closed (Section E.4 was revised accordingly.) |
| CAR-29<br>The date (14/09/2022) in the statement "The project was registered on 14/09/2022 with a renewable crediting period" is available in Section A.4, however the "date of project design certification" is 14/09/2012 as per the KPI section of the MR. Please check on the differences observed. | ITR | 14/09/2022 has been changed to 14/09/2012 in Section A.4. | Review-1:<br>Ok Closed (The date was corrected in Section A.4.) |
| CAR-30<br>a) The installed capacity is provided as "89.5 MWe" in the statement "The installed capacity of the project has been raised to 94 MWm/89.5 MWe with the revision" in the Section A.1 of the MR. However, the capacity is "94 MWm/85Mwe" as per the Section A.1 (page-4) of the PDD. Please check on the differences observed. | ITR | a) The installed capacity of the project has been raised to 94 MWm/89.5 MWe with the revision on 22/09/2022. (Please refer to Generation License of the project)<br>b) Table 4 has been revised accordingly. | Review-1:<br>a) Ok Closed (The clarification was made.)<br>b) Ok Closed (Table 4 was corrected.) |

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| b) The rate power is provided as 2.500 kW in Table 4, which does not look logical and also does not match with the details provided in the registered PDD. Please check. | | | |
| CAR-31<br>a) MR (Section B.1: Table 8, Section D.2: Parameter Table EGPJ, y, facility): The serial number of the Primary meter and Secondary meter under TR-2 is "10962383" and "10962384" respectively in the Section B.1 of the MR. While the serial number of the Primary meter and Secondary meter under TR-2 is "424798" and "424799" respectively in the Section D.2 of the MR.<br>Please check on the differences on the meter serial numbers.<br>b) In Section A.1 in Table 4, the decimal places in the rated wind speed "14,0-20,0" and operating wind "4,0-20,0" shall be corrected as per the internationally recognized format.<br>c) In Table 6 in Section A.2, the turbine coordinates (like 289390,000, 4450211,000) shall be presented in the correctly format. Please check once again. | ITR | a) Relevant sections have been revised.<br>b) Table 4 has been revised accordingly.<br>c) The turbine coordinates are in line with the registered PDD. | Review-1:<br>a) Ok Closed (The relevant sections were revised.)<br>b) Ok Closed (Table 4 was corrected.)<br>c) Ok Closed (The clarification was made.) |
| CAR-32<br>Please refer to the Cell L2, L3, L4, where the different format of the dates have been used (DD/MM/YYYY and MM/DD/YYYY). Hence the consistent format on the date shall be used in the ERs Excelsheet. | ITR | L2, L3 and L4 cells have been revised. | Review-1:<br>Ok Closed (The ER sheet was revised accordingly.) |
| CAR-33<br>a) In Section D.1, please refer to the ex-ante parameter table for the parameter (EFgrid, CM, y), where the value is provided as "0.6482 tCO2/MWh". However the value is "0.6198 tCO2/MWh" as per the Section B.6.2 of the | ITR | a) "0.6482 tCO2/MWh" has been changed to "0.6198 tCO2/MWh". The ER Calculation Excel Spreadsheet and the MR have been revised accordingly. | Review-1:<br>a) Ok Closed (The emission factor was corrected.) |

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| latest registered PDD. Please check and provide appropriate corrections, wherever required.<br>b) Please refer to the Cell C9 in the "Baseline Emissions" spreadsheet, where the value is provided as "16,608.31 MWh", which is the electricity generation value for the complete month of September 2021. However since the duration of monitoring period in September 2021 month is from "16-30/09/2021", hence it is not clear as why the complete month value of "16,608.31 MWh" has been used in the emission reduction calculations, which is an over-estimation. Please check and provide appropriate corrections, wherever required. | | b) Cell C9 in the "Baseline Emissions" spreadsheet has been revised and all relevant corrections have been made. | b) Ok Closed (The emission reduction values were corrected.) |
| CAR-34<br>In Table 8, in Section B.1, please check the accuracy class of secondary meter as "02S", if this is correct, since the accuracy class of Primary meter is "0.2S". Please check. | ITR | Table 8 has been revised. | Review-1:<br>Ok Closed (Table 8 was corrected.) |
| CAR-35<br>It is mentioned that "There isn't any FAR coming from the previous verification". However the previous verification report has been checked and found the following FAR:<br>"Since 3000 tree plantation works hasn't been completed yet, the records for the plantation of remaining 805 trees shall be checked during the next verification"<br>Also, there are 4 FARs from Design Renewal Review.<br>Hence the FARs shall be discussed in Section B.1.1. | ITR | - Since the trees did not grow due to weather conditions, afforestation could not be done.<br>- 4 FARs from Design Renewal Review have been included in Section B.1.1. | Review-1:<br>Ok Closed (Section B.1.1 was revised accordingly.) |
| CL-4 | ITR | | Review-1: |

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| As the actual electricity generation (89,825 MWh) is more than the estimated electricity generation (85,490 MWh), hence it shall be clarified as how the project still remains additional. Please include the information in Section E.5. | | | Ok Closed (The relevant information was included in Section E.6.) |
| CL-5<br>In Section D.2, please refer to the monitoring parameter table of the parameter (EGPJ, y, facility), where no details on the calibration of meters are available. Please check. | ITR | "QA/QC procedures" row of the "EGPJ, y, facility" parameter has been revised. | Review-1:<br>Ok Closed (Section D.2 was revised.) |
| CL-6<br>The different emission factor is used during the monitoring period as compared to the emission factor in the registered PDD. Please clarify this issue. | ITR | "0.6482 tCO2/MWh" has been changed to "0.6198 tCO2/MWh". The ER Calculation Excel Spreadsheet and the MR have been revised accordingly. | Review-1:<br>Ok Closed (The emission factor was corrected.) |
| CL-7<br>The SDG Impact Tool shall be submitted in line with the GS4GG requirements. | ITR | SDG Impact Tool has been revised. | Review-1:<br>Ok Closed (SDG Impact Tool was revised.) |

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