DUZCE AKSU HYDRO ELECTRICITY POWER PLANT 2ND VERIFICATION REPORT

Document Prepared by Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti.

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Summary:

"Duzce Aksu Hydro Electricity Power Plant" is operated by "AYDEM Yenilenebilir Enerji A.Ş.". The project activity is located in Düzce Province in the Northern Black Sea Region of Turkey. The commissioning date of the project is 25/04/2014 as per the provisional acceptance protocol of the turbines. There are 2 Pelton turbines with the installed capacity of 24.152 MWm/23.10 MWe for each. Therefore, the total installed capacity of the project activity is 48.304 MWm/46.2 MWe. This information has been confirmed via the generation license.

The purpose of the project activity is to generate electricity and supply it into the national grid. The project activity reduces greenhouse gas (GHG) emissions that would have otherwise occurred in the absence of the project activity by avoiding electricity generation from fossil fuel sources.

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 PD version 2.03 and dated 19/04/2016.

The project activity and the monitoring report are assessed against the requirements of the approved consolidated baseline and monitoring Methodology ACM0002 "Consolidated baseline methodology for grid-connected electricity generation from renewable sources." Version 16.0.0 and VCS version 4.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle.

During this verification 16 Corrective Action Requests (CARs) and 00 CLs were raised all of which were resolved by either revising the Monitoring Report or by sending objective evidence to the verification team. There has not been any FARs issued during the verification process.

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions and misrepresentations. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

Re Carbon Ltd. also confirms the following based on the results of document review for the period between 01/01/2022 and 31/08/2023:

Year	Baseline emissions or removals (tCO_2e)	Project emissions or removals (tCO_2e)	Leakage emissions (tCO_2e)	Net GHG emission reductions or removals (tCO_2e)
2022	55,152	*0*	*0*	55,152
2023	44,779	*0*	*0*	44,779
Total	99,931	*0*	*0*	99,931

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1 INTRODUCTION

1.1 Objective

Through a contract, dated 26/05/2023, Re Carbon Ltd. was appointed by "AYDEM Yenilenebilir Enerji A.Ş." to perform the 3rd periodic verification of the "Duzce Aksu Hydro Electricity Power Plant". The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report version 3 dated "08/01/2024" conforms with the requirements of the monitoring plan of the registered Project Description (PD) and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

1.2 Scope and Criteria

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 PD version 2.03, dated 19/04/2016.

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 upon in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002 "Consolidated baseline methodology for grid-connected electricity generation from renewable sources." Version 16.0.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, all 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, and VCS version 4.

The only purpose of the verification and certification is its usage during the issuance process as a part of the VCS 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.

1.3 Level of Assurance

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions, and misrepresentations. To guarantee this

level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

1.4 Summary Description of the Project

"Duzce Aksu Hydro Electricity Power Plant" is operated by "AYDEM Yenilenebilir Enerji A.Ş.". The project activity is located in Gölyaka Town of Düzce Province in the Northern Black Sea Region of Turkey. The commissioning date of the project is 25/04/2014 as per the provisional acceptance protocol of the turbines. There are 2 Vertical Pelton turbines with the installed capacity of 24.152 MWm/23.10 MWe for each. Therefore, the total installed capacity of the project activity is 48.304 MWm/46.2 MWe. This information has been confirmed via the provisional acceptance protocol.

The technical description of the turbines and generators is as follows:

Equipment	Turbine
Quantity	2
Manufacturer	Sichuan Dongfeng Elektric Machinery Works Co. Let
Rotation	600 rpm
Axis	Vertical Pelton
Net Head	645 m
Flow Rate	4000 L/s
Installation Date	2010
Turbine rotation	clockwise

Equipment	Generator
Quantity	3
Manufacturer	DEC Dongfeng Electric Machinery Co. Ltd
Rotation	600 rpm
Frequency	50 Hz
Installation Date	2011
Number of Phase	3

The start date of the project activity is 25/04/2014 which is the date when the project is commissioned and the electricity was first supplied to the grid as verified through the provisional acceptance protocol and the first crediting period is from 25/04/2014 until 24/04/2024 with two times renewable crediting period of 10 years.

The monitoring period dates are as follow:

1st monitoring period	25/04/2014 to 30/09/2020
2nd monitoring period	01/10/2020 to 31/12/2021
3rd monitoring period	01/01/2022 to 31/08/2023

2 VERIFICATION PROCESS

2.1 Method and Criteria

Through a contract, dated 26/05/2023, Re Carbon Ltd. was appointed by "AYDEM Yenilenebilir Enerji A.Ş." to perform the 3rd periodic verification of the "Duzce Aksu Hydro Electricity Power Plant". The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report version 3 dated "08/01/2024" conforms with the requirements of the monitoring plan of the registered PD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

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 PD version 2.03 dated 19/04/2016.

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 upon in the Marrakech Accords under decision 3/CMP.1,, the annexes to this decision, ACM0002 "Consolidated baseline methodology for grid-connected electricity generation from renewable sources." Version 16.0.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, all 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, and VCS version 4.4.

The only purpose of the verification and certification is its usage during the issuance process as a part of the VCS 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.

The Verification Schedule for this project activity is given in Table 2-1 below:

Table 2-1: Verification Schedule

Activity	Timeline		Total Days
	From	To	
Desk Review	27/07/2023	08/01/2024	166
Review of the MR version 01	02/10/2023	09/10/2023	8
Site Visit	04/10/2023	04/10/2023	1
Issuance of the Verification Protocol version 01	05/10/2023	09/10/2023	5
Review of PPs Initial Set of Responses	15/11/2023	15/11/2023	1
Issuance of the Verification Protocol version 02	04/12/2023	07/12/2023	4
Review of PPs Second Loop Responses	11/12/2023	11/12/2023	1
Issuance of the Verification Protocol version 03	03/01/2024	05/01/2024	3
Review of PPs Third Loop Responses	08/01/2024	10/01/2024	3
Closing of all the CARs and CLs	10/01/2024	10/01/2024	1
Issuance of the Verification Report version 01	21/01/2024	31/01/2024	11
ITR Process	31/01/2024	14/02/2024	15
Issuance of the Verification Report version 02	13/02/2024	13/02/2024	1
ITR Approval	14/02/2024	14/02/2024	1
Submission for Final Approval	14/02/2024	19/02/2024	6
Submission to the PP	19/02/2024	19/02/2024	1

2.2 Document Review

The basis for the verification activity is the monitoring report version 1, dated 26/07/2023 which was submitted to the verification team on 27/07/2023. This monitoring report was revised several times due to issued CARs and CLs, with version 3, dated 08/01/2024 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD, version 2.03, dated 19/04/2016, the ACM0002 "Consolidated baseline methodology for grid-connected electricity generation from renewable sources." Version 16.0.0, the relevant VCS rules and regulations, CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, and the final validation report version 1.1 dated 11/12/2020.

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

The list of the documents which were reviewed during the verification period is given in Table 2-2 below:

Table 2-2: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Monitoring Report	1	26/07/2023
D02	Monitoring Report	2	15/11/2023
D03	Monitoring Report	3	08/01/2024
D04	ER Calculation Excel Sheet	01	26/07/2023
D05	ER Calculation Excel Sheet	02	15/11/2023
D06	ER Calculation Excel Sheet	03	08/01/2024
D07	Connection Agreement	-	20/03/2020
D08	Single Line Diagram	-	-
D09	System Usage Agreement	-	23/03/2020
D10	Generation License	-	24/10/2019
D11	Water Usage Agreement	-	27/07/2020
D12	Provisional Acceptance Document	-	25/04/2014
D13	Meter change and First Index Protocol for old meters	-	26/04/2014
D14	Meter change and First Index Protocol for current meters	-	13/06/2021
D15	Old meters Test Reports	-	26/11/2013 14/12/2015 12/12/2017 12/10/2018 13/01/2021
D16	Current Meters Test Reports	-	09/04/2021

Document Number	Document Name	Version	Date (dd/mm/yyyy)
			29/09/2023
D17	Current Meter properties from the manufacturer company	-	-
D18	Technical Properties of the generators	-	-
D19	Photographic Evidences of the project site	-	-
D20	Official Gazette published including name change of the PP.	-	27/12/2019
D21	Registered VCS-PD for the 1st Crediting Period	2.03	19/04/2016
D22	Photographic evidences of turbine name tags	-	-
D23	EPIAS Records	-	01/2022 - 08/2023
D24	Meter Reading Forms (OSF Forms) for cross-checking	-	01/2022 – 08/2023
D25	KMZ file of the Project Activity	-	-
D26	EIA Not Required Decision	-	16/07/2007
D27	EIA Not Required Report after Name Change of the project	-	05/11/2013
D28	Signed Letter from the Municipality approving the Name Change of the Project Proponent as Aydem Yenilenebilir Enerji	-	18/02/2020
D29	EIA Not Required Report after Name Change of the Project Proponent as Aydem Yenilenebilir Enerji	-	22/05/2020
D30	Water and Wastewater Discharge Records	-	16/03/2022 27/07/2022 26/12/2022 25/05/2023 29/05/2023
D31	Waste Oil Records	-	31/03/2022 07/09/2022

Document Number	Document Name	Version	Date (dd/mm/yyyy)
			20/10/2022 11/05/2023
D32	Solid Waste Disposal Records	-	11/10/2022
D33	Social Security Records of the Employees	-	2022 01-05/2023
D34	Signed Declaration about Double Counting	-	16/10/2023
D35	Training Records	-	2022 2023
D36	Signed and Sealed letter from the headman of the village about complaint box records	-	07/06/2021
D37	Signed and Sealed letter from the headman of the village proving that there is no negative effect of the project activity to the villagers	-	17/10/2023
D38	Photographic Evidence of the Complaint Box	-	-
D39	Table and chair request from PP form from the villagers	-	10/04/2022
D40	A project planning from the architect for the construction of a mosque in the village	-	01/04/2023
D41	2nd Monitoring Period Verification Report	4	19/10/2022
D42	ACM0002	16.0	28/11/2014
D43	Tool for the demonstration and assessment of additionality	07.0	23/12/2022
D44	Tool to calculate the emission factor for an electricity system	07.0	31/08/2018
D45	Tool to calculate project or leakage CO_2 emissions from fossil fuel combustion	03.0	22/10/2017
D46	CDM Validation and Verification Standard for Project Activities	3.0	09/09/2021
D47	CDM Project Standard for Project Activities	3.0	09/09/2021

2.3 Interviews

During the verification period, follow-up interviews were executed by the verification team to further analyze the correctness and accurateness of the information provided.

The list of individuals who were interviewed during verification process, executed on 01/03/2023 using is given in Table 2-3 below:

Table 2-3: List of individuals interviewed

Reference Number	Means of Interview[1]	Full Name	Title	Organization
I01	SV	Malik Sağlam	Operation Manager	Aydem Yenilenebilir Enerji A.Ş.
I02	SV	Zeynep Ayaz	Business Manager	Aydem Yenilenebilir Enerji A.Ş.
I03	SV	Fatih Peker	Health, Security and Environment Manager	AYDEM Yenilenebilir Enerji A.Ş.
I04	SV	Özgün Gülkoparan	Environmental executive	AYDEM Yenilenebilir Enerji A.Ş.
I05	SV	Bera Aydın	assistant environmental specialist	AYDEM Yenilenebilir Enerji A.Ş.
I06	SV	Irmak Subaşı	Consultant	GTE
I07	SV	Mehmet Eylioğlu	Taşlık village mukhtar	Taşlık village

1 SV: Site visit; T: Telephone; E: E-mail; RA: Remote Assessment

Reference Number	Means of Interview[1]	Full Name	Title	Organization
I08	SV	Faruk Koç	Control Operator (Seçmepınar village)	AYDEM Yenilenebilir Enerji A.Ş.
I09	SV	Ogün Keskinli	Control Operator (Bakacak village)	AYDEM Yenilenebilir Enerji A.Ş.
I10	SV	Kasım Sebiş	Mechanical Technician	AYDEM Yenilenebilir Enerji A.Ş.
I11	SV	Gençağa Çelik	Control Operator (Zekeriya village)	AYDEM Yenilenebilir Enerji A.Ş.

2.4 Site Visits

As a part of the verification activities a physical site visit was executed to the project activity's location, details of which can be seen in Table 2-4 below:

Table 2-4: Site visit details

Date	04/10/2023	
Location	Gölyaka town, Düzce Province	
Participant	**Company Name**	**Role in the Organization / Role in the Site Visit**
Malik Sağlam	Aydem Yenilenebilir Enerji A.Ş.	Operation Manager
Zeynep Ayaz	Aydem Yenilenebilir Enerji A.Ş.	Business Manager
Fatih Peker	AYDEM Yenilenebilir Enerji A.Ş.	Health, Security and Environment Manager
Özgün Gülkoparan	AYDEM Yenilenebilir Enerji A.Ş.	Environmental executive
Bera Aydın	AYDEM Yenilenebilir Enerji A.Ş.	assistant environmental specialist
Irmak Subaşı	GTE	Consultant
Mehmet Eylioğlu	Taşlık village	Taşlık village mukhtar
Faruk Koç	AYDEM Yenilenebilir Enerji A.Ş.	Control Operator (Seçmepınar village)
Ogün Keskinli	AYDEM Yenilenebilir Enerji A.Ş.	Control Operator (Bakacak village)
Kasım Sebiş	AYDEM Yenilenebilir Enerji A.Ş.	Mechanical Technician
Gençağa Çelik	AYDEM Yenilenebilir Enerji A.Ş.	Control Operator (Zekeriya village)
İrem Taşkıran	Re Carbon Ltd.	Verifier Trainee
Kader Alkaç	Re Carbon Ltd.	Verifier Trainee
Beyda Altuntaş	Re Carbon Ltd.	Verifier Trainee
Points Verified	**Source of Information**	

Implementation and operation of the proposed VCS project activity as per the registered PD	Document review, on site visit and interviews with the PP representatives and local stakeholders from Taşlık Village
Review of information flows for generating, aggregating, and reporting the monitoring parameters	Document review, on site visit and interviews with the PP representatives and local stakeholders from Taşlık Village
Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the PD	Interviews with the PP representatives
Cross-check between information provided in the monitoring report and data from other sources such as plant logbooks, 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 PD and the selected methodology	Document review, on site visit and interviews with the PP representatives and local stakeholders from Taşlık 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, interviews with the PP representatives and local stakeholders from Taşlık Village

2.5 Resolution of Findings

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

- Assessment of the conformity of the actual project activity and its operation with the registered PD, dated 19/04/2016, version 2.03.

- A physical site visit was executed on 04/10/2023 in order to assess whether all physical features of the project activity proposed in the registered PD are in place and that the Project proponent(s) operated the project activity in line with the registered PD.
- Assessment of the compliance of the monitoring plan with the monitoring methodology ““ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”, Version 16.0.0.
- Assessment of the compliance of 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 of issuance

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

The Verification Protocol consists of two tables:

- Table 1 (VCS Monitoring Report (MR) Form, VCS 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 2-5 below:

Table 2-5: Explanation about Table-1 in Verification Protocol

Question	Reference	MoV*	Findings, comments, references and document sources	Draft & Final Conclusion
The requirements related with the VCS monitoring report and VCS 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 2-6 below:

Table 2-6: Explanation about Table-2 in Verification Protocol

Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team	Ref. to Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
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 proponents 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.

During the verification process, a Verification Protocol (attached as Appendix 1 to this verification report) was used to submit the findings to the Project proponent(s).

In line with Re Carbon Ltd.'s internal terminology and VCS Standard version 4.4, the team reports the non-conformities in forms 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:

- Non-conformities with the monitoring plan or methodology are 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 proponents.

The verification team raises a **CL** if information is insufficient, not transparent or not clear enough to determine whether the applicable CDM and/or VCS requirements have been met.

The verification team raises a **FAR** during verification for actions where the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles a total of 16 CARs, 00 CLs and 00 FARs were issued, all of which are listed in the Verification Protocol.

The appointment process of the verification team considers the technical area(s), sectoral scope(s), and relevant host country experience, required amongst team members for the verification of the emission reductions, achieved by the project activity in the relevant monitoring period for this verification. The relevant VCS verification and previous ITR experiences are also assessed during the selection of the team members and the Independent Technical Reviewer (ITR), respectively. The verification team and ITR were assigned to this verification activity on 18/05/2023 (with a team change on 02/10/2023), taking all the above factors into consideration, and as a result of the contract review process.

The verification team and ITR details are given in Table 2-6 below:

Table 2-6: Verification team and ITR details

Name	Role	Host Country Experience	Scope Coverage	Technical Expertise (TA 1.2)	Involv.
Öykü Yakupoğlu	Team Leader (Previous)	☒	☒	☒	DR
Khalid MAHMOOD	Team Leader	☒	☒	☒	A, DR, R
İrem TAŞKIRAN	Verifier Trainee	☒	☒	☒	A, DR, R, SV
Kader ALKAÇ	Verifier Trainee	☒	☒	☒	A, DR, R, SV
Beyda ALTUNTAŞ	Verifier Trainee	☒	☒	☒	A, DR, R, SV
Seda ATABEK	ITR	☒	☒	☒	ITR

Previous Team Leader was Ms. Öykü YAKUPOĞLU and current Team Leader is Mr. Khalid MAHMOOD. Ms. Öykü YAKUPOĞLU is no longer an employee of Re-carbon Ltd. Therefore a team change has occurred.

* 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

As a closing step of verification, the final documentation including the verification report and its annexes must undergo an internal quality control by 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 of RE-Carbon Ltd. who was not involved in the verification activities of this specific project activity. When the appointed Team Leader finalizes the Validation Report, the report is sent to the (for this project specifically appointed) Independent Technical Reviewer who reviews not only the verification report itself, but

also all supporting documents like emission factor calculations, additionality justifications, relevant excel sheets etc.

Further CLs and CARs may be raised by the Independent Technical Reviewer during this review, in order to cover all the points that may need further clarification.

After all CLs and CARs are closed, the verification report is again reviewed and finally approved by the Team Leader, ITR and the Certification Manager, and the request for issuing is submitted to the Project Developer along with the relevant documents.

2.5.1 Forward Action Requests

The verification team raises a FAR during the verification for actions if the monitoring and reporting require attention and/or adjustment in the next verification period, as explained in Section 2.5.

According to these principles, no FARs have been issued during the current verification process.

2.6 Eligibility for Validation Activities

Re Carbon Ltd. holds accreditation for the validation and verification activities in scope 1: “Energy Industries – Renewable/Non-renewable Sources” in which the project activity falls into.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

VVB has checked the GS project database (https://registry.goldstandard.org/projects?q=&page=1) and GCC project database (https://projects.globalcarboncouncil.com/pages/submitted_projects) were checked and this project isn't available within GS and GCC projects' databases, either. Given that CDM projects are not applicable in Turkey and the project does not appear on domestic REC scheme, The project does not participate under any emission trading program and other GHG Programs including renewable energy certificates (RECs) and this is also confirmed by the PP through the signed and sealed letter by PP dated as 16/10/2023.

3.2 Methodology Deviations

N/A (There have not been any methodology deviations applied).

3.3 Project Description Deviations

Turkuaz Karbon Varlık Yönetimi Enerji Proje ve Dan. San. İth. İhr. Ltd. Şti. is named as an entity in the registered VCS-PD (version 2.03, dated 19/04/2016), but GTE subsequently became an entity (i.e. carbon consultant). For this verification process, GTE is the carbon consultant for the project activity.

Bereket Energy was the major shareholder of Düzce Aksu Üretim A.S. and as the Bereket changed tittle as a company policy they have dissolved all the individual sister companies that hold licenses of facilities (like the Düzce Aksu HPP) and changed the ownership as Aydem Yenilenebilir A.Ş on 24/12/2019.

The project activity is in compliance with the scenario described at the Project Design Document. After EPİAŞ received Market Operating License on 01/09/2015, market operations were transferred from PMUM to EPİAŞ.

The reservoir surface area (APJ) was indicated as 708,202 m2 in both PD version 2.03 and MR version 1.03. However, this value was an error due to the character language i.e. "," and ".". The real value was 708.282 m2 (i.e. 708.3 m2) as per the technical drawing provided in Appendix-3 of the MR version 3. The error was corrected by the project proponent in this monitoring period and new APJ was determined to be 707 m2 for the current monitoring period (01-January-2022 to 31-August-2023) as per the lake surface area map provided in Appendix-2 of the MR version 3.

All electricity generation and consumption data in emission reductions table are checked with EPİAŞ records (PMUM has been replaced by EPIAS as of 01/01/2022 in Turkey during the monitoring period) as the main source and crosschecked with TEAIS meter reading protocol records as a conservative and correct approach. The main source of data has been defined as EPIAS records since they are the basis for billing.

Re Carbon Ltd. hereby confirms that such a change has no impact on the applicability of the methodology, additionality and the appropriateness of the baseline scenario.

3.4 Grouped Project

The project is not a grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

Compliance of the Project Implementation with the Registered PD:

According to the registered PD, the estimated annual emission reduction is 75,382 tCO_2e and corresponding total estimated amount for the monitoring period is 125,637 tCO_2e. The actual values achieved for the current monitoring period is 99,931 tCO_2e. The actual amount of emission reduction for the current monitoring period is about 20.5% less than the estimated emission reduction amount. The reason of the difference is that the electricity generation is dependent on water flow estimation, which is a natural phenomenon and cannot be estimated with 100% accuracy. Besides that, the difference in the values does not lead to a substantial decrease of the ER in this period in relation to the estimates in the registered PD.

The project also contributes to SDG 7 (Affordable and Clean Energy with 187,432 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 16 employed staff during the recent year of operation period and all are permanent staff) and SDG-13 (Climate Action with achieved emission reduction of 99,931 tCO_2e) during the monitoring period.

The project was commissioned on 25/04/2014 which was verified by the provisional acceptance protocol. The project activity does not consist of more than one site and does not have any phased implementation.

The GHG emission reductions generated by the project are not included in an emission trading program or any other mechanism that includes GHG allowance trading, because of the position of the host country.

The project activity has not received any other form of environmental credits, as there are no such crediting schemes in the host country as declared by the PP.

The only other eligible GHG programs in the host country is Gold Standard and Global Carbon Council (GCC) and the certification program is Renewable Energy Certification (REC), and the project hasn't been listed in any of them, hence Re Carbon Ltd. confirms that the project has not participated or been rejected under any other GHG programs since the validation.

Remaining Issues from Validation or Previous Verifications

There is no FAR from the second verification process (according to verification report version 4 dated 19/10/2022).

Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002, version 16.0.0, applied by the project activity.

In line with the methodology and the registered PD, the monitored parameter is the quantity of net electricity generation supplied by the project plant to the grid ($EG_{facility,y}$) as in below:

- $EG_{facility,y}$: The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement centre of TEIAS) records provided to the PP by TEIAS. The net electricity is measured continuously by one main electricity meter at the grid interface and recorded monthly. There are also one back up electricity meter. That means the electricity generation and consumption values have been determined through the summation of the measured values of the main meter and checked through the back up meter. All readings and billings are done via EPIAS system which is the legal database of the Ministry of Energy and Natural Resources in Turkey. During this verification, all EPIAS and TEIAS meter reading protocol records have been reviewed by the verification team. The project mainly uses its own electricity however during the times when there is no generation, the project imports electricity from the grid. There are also internal reviews of the metered data which is checked by different parties. The EPIAS records are considered as the main source for the net electricity and the values are crosschecked with the Meter Reading Forms.
- Cap_{PJ} : Installed capacity of the hydropower plants after the implementation of the Project Activity has been monitored via the SCADA system of the project activity once for each monitoring period.
- A_{PJ} : Area of the reservoir measured in the surface of the water, after the implementation of the Project Activity, when the reservoir is at its maximum fullness has been determined via the topographic satellite images showing the lake area which is represented in the Appendix-2 of the MR.

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.

Compliance with the Calibration Frequency Requirements for Measuring Instruments:

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 calibrated electricity meters were installed as per the regulations. Although, re-calibration is required after ten years, nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS (grid company) responsible unit is informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the meters. The calibration of the meters is valid for 10 years in line with the relevant legal regulation.

The technical details of the old and current electricity meters are as follows:

Old ones:

	Main Meter	Spare Meter
Brand-Model	ITRON	ITRON
Serial Number	65000766	65000767
First Calibration Date	26/04/2014	26/04/2014
Manufacture Date	2011	2011

Calibration Frequency	10 years	10 years
Class	0.5 S	0.5 S
Test Dates	26/11/2013 14/12/2015 12/12/2017 12/10/2018 13/01/2021	26/11/2013 14/12/2015 12/12/2017 12/10/2018 13/01/2021

Current ones:

	Main Meter	**Spare Meter**
Brand-Model	EMH	EMH
Serial Number	10172379	10172830
First Calibration Date	13/06/2021	13/06/2021
Manufacture Date	2021	2021
Calibration Frequency	10 years	10 years
Class	0.2 S	0.2 S
Test Date	09/04/2021 29/09/2023	09/04/2021 29/09/2023

As a result of the reviewed documents, Re Carbon Ltd. hereby confirms that the project is fully implemented according to the description given in the registered PD.

It can also be confirmed through the reviewed documents that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PD. The project activity is completely operational and the same has been confirmed through the provided evidences including EPIAS records, TEIAS meter reading protocols, electricity meter test protocols and the photos of electricity meters.

A declaration about double counting has been provided by project owner. GS project database (https://registry.goldstandard.org/projects?q=&page=1) GCC project database

(https://projects.globalcarboncouncil.com/pages/submitted_projects) and I-REC Project Database (https://evident.app/) were checked for double counting and this project isn't available within GS, GCC and I-REC projects' databases, either. The project, for this crediting period 25/04/2014-24/04/2024, does not participate under any emission trading program and other GHG Programs including renewable energy certificates (RECs) and this is also confirmed by the PP through the signed and sealed letter by PP dated as 16/10/2023. It could be confirmed that no RECs and other VER carbon credits are being issued for the project at the time of this verification.

4.2 Safeguards

4.2.1 No Net Harm

There had not been any observed significant environmental impact of the project activity as indicated in the registered PD and this was also confirmed through the reviewed documents. The EIA Not Necessary Decision dated as 16/07/2007 by Düzce Provincial Directorate of Environment and Forestry was also provided by the PP.

Hazardous wastes are collected by a contracted company and records dated 31/03/2022, 07/09/2022, 20/10/2022 and 11/05/2023 was provided by PP.

Water for domestic use is supplied by tankers to the site and wastewater is collected in septic tanks which is emptied regularly. The wastewater is discharged in accordance with Water Pollution Control regulations of the host country. Collection records are provided dated 16/03/2022, 27/07/2022, 26/12/2022, 25/05/2023, and 29/05/2023.

The waste oil is collected in impermeable containers and transferred to recycling centers in accordance with Hazardous Waste Control Regulations and Waste Oil Control Regulations. A photograph of the hazardous waste storage area is provided. Collection records are provided by PP dated 31/03/2022, 07/09/2022, 20/10/2022, and 11/05/2023. These records include collection of hazardous wastes generated at the site.

Solid waste is collected, and recyclables are separated to be sent to recycling centers. The rest is disposed to the nearest landfill site in coordination with Dereli District Municipality. The solid waste here also covers the E-Waste. Hence the disposal is realized in accordance with Regulation on Waste Management, Regulation on Electrical and Electronic Waste Control, and Regulation on Battery and Accumulator Wastes. Collection records are provided by PP dated 11/10/2022.

Necessary precautions are taken for the species under conservation by international conventions, the field is regularly observed in terms of any change and irregularity of the biodiversity. Regular ecosystem reporting mechanism is applied for the field. A fish passage is constructed to ease up and down stream movements of the fish living in Aksu river.

Also VVB checked the fish passage and waste collection center on-site and it has been find suitable.

4.2.2 Local Stakeholder Consultation

There had not been any complaint raised by the interviewed local stakeholders during the on-site visit as detailed in Section 2.3.

The local stakeholders as stated in the Table 2-2 above were interviewed about the following issues and there had not been any complaint by the interviewed local stakeholders during the physical site visit:

- Noise due to the project activity
- Impact on the aquatic life where the project had been constructed
- Waste management practices implemented by PP

It was also concluded that the grievance mechanism is in place and this was also confirmed by the interviewed local stakeholders during the on-site visit.

Therefore, it could also be concluded that there has not been any complaint during the monitoring period in line with the provided records, information by PP and interviews with some local stakeholders.

4.3 AFOLU-Specific Safeguards

N/A (The project is not an AFOLU project).

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

EPIAS records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPIAS records as the main source and crosschecked with TEIAS meter reading protocol records. The net electricity generated during the current monitoring period was as follows in Table 4-1 below:

Table 4-1: Net Electricity Generation

Period	Amount	Compliance Check
01/01/2022 – 31/12/2022	Export to Grid: 103,580.385 MWh Import from Grid: 136,943 MWh Net electricity supplied to grid: 103,443.44 MWh	EPIAS Records
01/01/2023 – 31/08/2023	Export to Grid: 84,050.156 MWh Import from Grid: 61,935 MWh	EPIAS Records

Period	Amount	Compliance Check
	Net electricity supplied to grid: 83,988.22 MWh	
Total (01/01/2022 - 31/08/2023)	Export to Grid: 187,630.54 MWh Import from Grid: 198.88 MWh Net electricity supplied to grid: 187,432 MWh	EPIAS Records

Emission factor and data and parameters available before validation are also applied in line with the registered PD and baseline excel sheet for validation.

According to the applied methodology ACM0002 version 16.0 and the registered PD, the GHG emission reductions are calculated as follows:

$ER_y = BE_y - PE_y$

Where:

ER_y = Emission reductions in year *y* (tCO_2e/yr)

BE_y = Baseline emissions in year *y* (Tco2e/yr)

PE_y = Project emissions in year *y* (Tco2e/yr)

Since the project is a new run-of-river project which does not involve any reservoir, $PE_y=0$.

The leakage can be neglected in line with the applied methodology. Therefore, the emission reductions generated during the monitoring period are equal to baseline emissions.

The baseline emissions in the monitoring period are calculated using the following formula:

$BE_y=EG_{PJ,y} * EF_{grid,CM,y}$

Where;

BE_y= Baseline emissions in year y (t CO_2/y)

$EG_{PJ,y}$= Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the project activity in year y (MWh/y)

$EF_{grid,CM,y}$= Combined margin CO_2 emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system"(tCO_2 / MWh)

Since the project is a greenfield renewable power plant:

$EG_{PJ,y} = EG_{facility,y}$=The amount of net electricity produced and fed into the grid by the project in year y.

Combined margin CO_2 emission factor ($EF_{grid,CM,y}$) is calculated once during the validation of the project activity and is valid throughout the first crediting period of 10 years.

It has been confirmed that the data used for emission reductions are correct. The grid emission factor taken is 0.53323 tCO_2 / MWh and the value is same as fixed ex-ante in the registered PD.

It is also confirmed that the methods and formulae used for calculating baseline emissions are in line with the relevant methodology and the registered PD. The net electricity generation is multiplied with the grid emission factor to arrive at the emission reductions value.

According to the registered PD, the estimated emission reduction for this monitoring period would be 125,637 tCO_2e corresponding to the monitoring period. However, the project in operation totally reached 99,931 tCO_2e in this period.

The vintage break-up of the emission reductions during the current monitoring period was as follows in Table 4-2 below:

Table 4-2: Emission Reductions

Period	Emission reductions (tCO_2e)
01/01/2022 – 31/12/2022	55,152
01/01/2023 – 31/08/2023	44,779
01/01/2022 – 31/08/2023	99,931

Calculations have been reproduced by VVB and the source data (EPIAS screenshots) are presented by PP as explained above.

Re Carbon Ltd. hereby confirms that the above mentioned electricity generation figures and GHG emission reduction calculations are presented and quantified correctly and are in accordance with the monitoring methodology ACM0002 version 16.0 and the monitoring plan given in the registered PD.

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

The GHG emission reductions are a function of the net electricity generated and fed into the grid by the project activity and the combined margin emission factor which is determined during validation for the whole crediting period. According to the PD version 2.03 dated 19/04/2016, the combined margin emission factor had been validated and will remain the same for the first crediting period of 10 years as 0.53323 tCO_2/MWh.

The only parameter that needs to be closely verified is the net electricity generation and this value is taken from the monthly TEIAS meter reading protocol records which are along with the EPIAS records are the basis for billing and these records for each month has been submitted to and reviewed. They are recorded and saved automatically by the relevant government authority 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.

As a cross check means, TEIAS meter reading protocol records which include the monthly generation and consumption figures of the plant for every month have been reviewed by the verification team.

The electricity meter calibration and test details have been verified and the same is available in the Section 4.2 of the report.

Therefore, Re Carbon Ltd. hereby confirms that the evidence used to determine the GHG emission reductions are sufficient in quantity and appropriate in quality.

4.6 Non-Permanence Risk Analysis

N/A (The project is not an AFOLU project).

5 VERIFICATION OPINION

Re Carbon Ltd. performed the 3rd verification of VCS "Duzce Aksu Hydro Electricity Power Plant", a project with the registry reference number "VCS 2095" for the monitoring period in between 01/01/2022 and 31/08/2023. The scope of the activities covers the verification and certification of GHG emissions reductions, reported in the Monitoring Report Version 3, dated 08/01/2024 of "Duzce Aksu Hydro Electricity Power Plant".

GTE Karbon Sürdürülebilir Enerji Eğitim Danışmanlık ve Ticaret A.Ş. was 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 PD. 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 3.

The verification was performed by a verification team consisting of "Öykü Yakupoğlu as the old Team Leader, Khalid MAHMOOD as the new Team Leader, İrem TAŞKIRAN as Validator/Verifier Trainee, Kader ALKAÇ as the Validator/Verifier Trainee, Beyda ALTUNTAŞ as the Validator/Verifier Trainee and Seda ATABEK as the ITR" and the project activity was checked against the Verification criteria for projects and their GHG emission reductions set out in VCS Version 4.4, 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 VCS Organization, CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0. Team leader of the team has been changed on 02/10/2023. New members of the team are MR. Khalid MAHMOOD as a Team Leader, İrem TAŞKIRAN as Validator/Verifier Trainee, Kader ALKAÇ as the Validator/Verifier Trainee and Beyda ALTUNTAŞ as the Validator/Verifier Trainee. Ms. İrem TAŞKIRAN, Ms. Kader ALKAÇ and Ms. Beyda ALTUNTAŞ have been conducted the physical site visit.

Re Carbon Ltd. hereby confirms that the project activity "Duzce Aksu Hydro Electricity Power Plant" in Turkey is implemented in accordance with the validated and registered PD version 2.03, dated 19/04/2016. Verification of the GHG statement was conducted in accordance the ISO 14064-3: 2019. The monitoring system is in place and the emission reductions were calculated without material misstatements as per the applied approved methodology "ACM0002 "Consolidated baseline methodology for grid-connected electricity generation from renewable sources", Version 16.0.

Re Carbon Ltd. confirms the following based on the results of the document review and the on-site assessment for the verification period from 01/01/2022 to 31/08/2023:

Year	Baseline emissions or removals (tCO_2e)	Project emissions or removals (tCO_2e)	Leakage emissions (tCO_2e)	Net GHG emission reductions or removals (tCO_2e)
2022	55,152	0	0	55,152
2023	44,779	0	0	44,779
Total	99,931	0	0	99,931

Khalida MAHMOOD

Team Leader

13/02/2024

Seda ATABEK

ITR

14/02/2024

Esin TUNALI

Certification Manager

16/02/2024

APPENDIX 1: VERIFICATION PROTOCOL >

Table 1 – (VCS Monitoring Report (MR) Form, VCS and CDM Verification Requirements)

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
Cover Page and General Requirements					
1 Are all items in the box at the bottom of the cover page completed using Arial or Century Gothic 10.5pt, black, regular (non-italic) font?	VCS MR Template Version 4.2	DR	It is required to include all items in the box at the bottom of the cover page and all Sections text part using Arial or Century Gothic 10.5 pt, black, regular (non-italic) font.	CAR-1	OK
2 Are the followings provided at the cover page in a tabular format?	VCS MR Template Version 4.2	DR	Please see below.		
2.1 Name of the project?	VCS MR Template Version 4.2	DR	As required by VCS MR Template Version 4.2, it is required to correct the name of the project according to VERRA Registry.	CAR-2	OK
2.2 Version number of the VCS MR?	VCS MR Template Version 4.2	DR	Version number of the VCS MR is available as "1".	OK	OK
2.3 Report ID of the document	VCS MR Template Version 4.2	DR	According to the monitoring period number, the report ID of the MR is not correct.	CAR-3	OK
2.4 The issuance date of the document in DD-Month-YYYY format?	VCS MR Template	DR	This is available as "26-July-2023".	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Version 4.2				
2.5 VCS project database ID, if registered	VCS MR Template Version 4.2	DR	VCS ID of the project is 2095.	OK	OK
2.6 Monitoring period in DD-Month-YYYY to DD-Month-YYYY format	VCS MR Template Version 4.2	DR	Monitoring period is indicated as "01-January-2022 to 31-August-2023".	OK	OK
2.7 Individual or entity that prepared the document?	VCS MR Template Version 4.2	DR	This is available as "GTE KARBON SÜRDÜRÜLEBİLİR ENERJİ EĞİTİM DANIŞMANLIK VE TİC. A.Ş. (Project Developer)".	OK	OK
2.8 Physical address, telephone, email, website?	VCS MR Template Version 4.2	DR	The contact is indicated properly.	OK	OK
3 Is this box available on the title page of the final document?	VCS MR Template Version 4.2	DR	The box is available.	OK	OK
4 Is there "Table of Contents" in the VCS MR?	VCS MR Template Version 4.2	DR	"Table of Contents" is available.	OK	OK
5 Is the VCS MR used as a basis for verification prepared in accordance with the latest template and guidance from the VCS?	VCS MR Template Version 4.2	DR	The latest version of the VCS MR is used.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
6 Are the VCS MR and other documents required under the VCS Program in English?	VCS Standard. Version 4.4	DR	MR and all other required documents are in English except for some legal permit documents since they are in Turkish.	OK	OK
1. PROJECT DETAILS					
1.1. Summary Description of the Implementation Status of Project					
1.1.1. Has a brief summary of the project description provided under Section 1.1 of the MR?	VCS MR Template Version 4.2	DR	a) The registered PD of the project activity needs to be submitted to VVB. b) It needs to be briefly described the change of project owner according to the generation license and also indicate the date of the hand change. c) As per applied methodology, for the project boundary and baseline scenario needs to be explained in the MR. d) It needs to be clarified the date of the first-generation license as well as who owns the "24/10/2019" dated generation license. e) It is required to indicate the type of turbines in the MR. f) It is required to provide the Connection agreement of the project activity to the VVB. g) The provided date of EIA not needed certification in the MR	CAR-4	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			according to the provided supporting document is not correct. h) It is required to briefly describe how the project start date is chosen in the MR. i) It is required to include the audit history of the project in the Tabular Format provided in VCR MR version 4.2. (First monitoring period and current monitoring period). j) It is required to indicate the host country in paragraph one in section 1.1. k) It is required to demonstrate baseline emission values, project emission values, leakage emission values, emission reduction values for the whole current monitoring period in a monthly basis in the ER Calculation Excel sheet and apply the round- down function and revise the emission reduction, electricity generation values throughout the MR according to these changes. l) It is required to provide July 2023 and August 2023 electricity production values and evidence documents to VVB. m) It is required to provide the EPİAŞ screenshots with showing month and year in the screenshot. The evidence documents that provided by consultant does not involve the		

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			dates of electricity generation values. n) It is required to specify the row N27 of ER Excel Sheet.		
1.1.2. Has the purpose of the project activity and the measures taken to reduce greenhouse gas emissions been provided under section 1.1 of the MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-4.	CAR-4	OK
1.1.3. Has a brief description of the installed technology and equipment been provided under Section 1.1 of the MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-4.	CAR-4	OK
1.1.4. Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under Section 1.1 of the MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-4.	CAR-4	OK
1.1.5. Has the total emissions reductions achieved in this monitoring period been provided under Section 1.1 of the MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-4.	CAR-4	OK
1.1.6. Has the PP included the audit history of the project in the Tabular Format provided in VCR MR? Does this table include all monitoring periods, including	VCS MR Template Version 4.2	DR	Please refer to CAR-4.	CAR-4	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
the period of this monitoring report.					
1.2. Sectoral Scope and Project Type					
1.2.1. Is it indicated whether this a grouped project under Section 1.2 of the MR?	VCS MR Template Version 4.2	DR	The project is not a grouped project.	OK	OK
1.2.2. Is the sectoral scope(s) applicable to the project indicated?	VCS MR Template Version 4.2	DR	This is available as Sectoral Scope 1.	OK	OK
1.2.3. Is the category of the project activity specified?	VCS MR Template Version 4.2	DR	This is available as Energy industries (renewable/non-renewable sources).	OK	OK
1.3. Project Proponent					
1.3.1. Are the contact information for the project proponent(s) provided in the tabular format?	VCS MR Template Version 4.2	DR	The contact information for the project proponent has been indicated in the Section 1.3 of the MR.	OK	OK
1.4. Other Entities Involved in the Project					
1.4.1. Are the contact information and roles/responsibilities for any other entities involved in the development of the project provided?	VCS MR Template Version 4.2	DR	The contact information for the other entities has been indicated in the Section 1.4 of the MR.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.5. Project Start Date					
1.5.1. Is the project start date (the date on which the project began reducing or removing GHG emissions) indicated in day, month and year format?	VCS MR Template Version 4.2	DR	Project start date is indicated as "25/04/2014", it is in line with registered PD.	OK	OK
1.6. Project Crediting Period					
1.6.1. Is the total crediting period including the day, month and year for the start and end dates and the total number of years indicated?	VCS MR Template Version 4.2	DR	Project crediting period is indicated as "10 years, 25-April-2014 to 23-April-2024 (both days inclusive)".	OK	OK
1.7. Project Location					
1.7.1. Has complete information on the location of the project activity, including town, city, country and GPS coordinates been provided under Section 1.7 of the MR?	VCS MR Template Version 4.2	DR, SV	a) It is required to correct the nearest settlement according to the on-site visit interview. b) It is required to indicate the screen shot of the KMZ document in section 1.7.	CAR-5	OK
1.8. Title and Reference of Methodology					

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.8.1. Is the following information provided regarding the methodology(s) applied to the project?	VCS MR Template Version 4.2	DR	a) It is required to delete the unnecessary tools since this is the third verification process of the project activity. b) It is required to only indicate the tools that are applicable for this monitoring period according to the registered PD. c) It is required to indicate the reference links for applicable methodology and tools. d) It is required to use the latest published version of used tools.	CAR-6	OK
1.8.1.1. The title of the methodology(ies)	VCS MR Template Version 4.2	DR	This is available as "ACM0002, "Large-scale consolidated methodology: Grid-connected electricity generation from renewable sources" Version 16.0".	OK	OK
1.8.1.2. The reference of the methodology(ies)	VCS MR Template Version 4.2	DR	Please refer to CAR-6.	CAR-6	OK
1.8.1.3. The version number of the methodology(ies)	VCS MR Template Version 4.2	DR	The version number of the methodology is provided.	OK	OK
1.8.2. Is the following information provided regarding the tool(s) applied to the project?	VCS MR Template Version 4.2	DR	Please see below.		
1.8.2.1. The title of the methodology(ies)	VCS MR Template Version 4.2	DR	Title of the applied methodology is provided.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.8.2.2. The version number of the methodology(ies)	VCS MR Template Version 4.2	DR	Version of the applied methodology is provided.	OK	OK
1.9. Participation under Other Programs					
1.9.1. Has it been indicated whether the project has been registered or seeking registration under any other GHG programs?	VCS MR Template Version 4.2	DR	It is needed to provide a signed and sealed letter on company letterhead that the project hasn't been registered or hasn't been seeking registration under any other GHG programs.	CAR-7	OK
1.9.2. If the project has been registered under any other GHG programs, have the PPs provided the registration number and details?	VCS MR Template Version 4.2	DR	Please refer to CAR-7.	CAR-7	OK
1.9.3. If the project has been registered under any other GHG programs, have the details of any GHG credits claimed under such programs been provided in the Section 1.9 of the MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-7.	CAR-7	OK
1.10. Other Forms of Credit					
1.10.1. Does the project reduce GHG emissions from activities that are included in an emissions trading program; or any other	VCS MR Template Version 4.2	DR	It is needed to provide the signed and sealed letter on company letterhead that project hasn't been included in an emissions trading program; or any other	CAR-8	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
mechanism that includes GHG allowance trading?			mechanism that includes GHG allowance trading.		
1.10.2. If the project reduces GHG emissions from activities that are included in an emissions trading program; or any other mechanism that includes GHG allowance trading, have the PPs provided evidence on the following?	VCS MR Template Version 4.2	DR	Please refer to CAR-8.	CAR-8	OK
1.10.2.1. the reductions or removals generated by the project have or will not be used for compliance under such program(s) or mechanism(s)	VCS MR Template Version 4.2	DR	Please refer to CAR-8.	CAR-8	OK
1.10.3. Have the project(s) created other forms of environmental credit (for example renewable energy certificates)?	VCS MR Template Version 4.2	DR	Please refer to CAR-8.	CAR-8	OK
1.10.4. If the project(s) created other forms of environmental credit (for example renewable energy certificates), has the PPs provided all relevant information about the GHG-related environmental credits and the related program?	VCS MR Template Version 4.2	DR	Please refer to CAR-8.	CAR-8	OK
1.10.5. Have all other programs under which the project is eligible to	VCS MR Template Version	DR	Please refer to CAR-8.	CAR-8	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
participate (to create another form of GHG-related environmental credit) been listed?	4.2				
1.10.6. Are the following provided by the VCS PP about supply chain (Scope 3) emissions? • If a project affects emissions associated with a good or service, demonstrate that a public statement(s) by the owner(s) or retailer(s) of the impacted good(s) or service(s) or project proponent (as applicable) has been made throughout the project crediting period. • Where applicable, also demonstrate that the impacted good or service's producer(s) or retailer(s) have been notified of the project and the potential risk of Scope 3 emissions double claiming via email. Evidence of the public statement(s) and email(s) must be provided in this report or attached as an appendix.	VCS MR Template Version 4.2	DR	Please refer to CAR-8.	CAR-8	OK
1.11. Sustainable Development Contributions					
1.11.1. Is a brief description provided including the following (no more than 100 words):	VCS MR Template Version 4.2	DR, SV	a) It is required to provide the July 2023 and August 2023 electricity generation value evidence documents. After that, please	CAR-9	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			update the new electricity generation and emission reduction values throughout the MR. b) It is required to correct the number of employees according to the on-site visit interview. c) It is required to indicate each SDG contribution in the ER Calculation Excel spreadsheet as well. d) It is required to correct the Contributions Over Project Lifetime for indicated SDGs.		
1.11.1.1. A summary description of project activities implemented during the monitoring period that result in SD contributions (i.e., technologies/measures implemented, activity location).	VCS MR Template Version 4.2	DR	Summary description is available.	OK	OK
1.11.1.2. An explanation of how project activities result in the SD contributions described in Table 1 of MR	VCS MR Template Version 4.2	DR	This is available.	OK	OK
1.11.1.3. Has it been identified of which SD contributions described in Table 1 of MR contributes to achieving any nationally stated sustainable development priorities, including any	VCS MR Template Version 4.2	DR	This is available.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
provisions for monitoring and reporting same?					
1.11.1.4. Is evidence of the project's SD contributions provided as appendices to MR?	VCS MR Template Version 4.2	DR	Please refer to CAR-9.	CAR-9	OK
1.11.2. Are Activities implemented during the monitoring period described in MR? Activities implemented during previous monitoring periods shall not be described in MR. Where no activities were implemented during the monitoring period, state as such.	VCS MR Template Version 4.2	DR	This is available.	OK	OK
1.11.3. Are the project's quantifiable contributions to specific targets and indicators of the Sustainable Development Goals (SDGs) for the monitoring period provided using Table 1?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
1.11.3.1. Is the official list of SDG Targets and Indicators (available in MR) used to identify the SDG Targets to which the project has contributed?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
1.11.3.2. Is evidence for each contribution identified in accordance with Section 1.11?	VCS MR Template Version 4.2	DR	Please refer to CAR-9.	CAR-9	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.11.4. Are Contributions aligned with the SDGs, as follows?	VCS MR Template Version 4.2	DR	Please see below.		
1.11.4.1. Where possible, are all contributions related to official SDG targets and indicators?	VCS MR Template Version 4.2	DR	All contributions related to official SDG targets and indicators	OK	OK
1.11.4.2. For climate change mitigation impacts, is "13.0" written in the SDG target column of Table 1 and is the indicator "Tonnes of greenhouse gas emissions avoided or removed" used?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
1.11.4.3. Where a project's self-defined measure for tracking a benefit does not align with an official SDG indicator is a project-specific indicator that relates to the most appropriate SDG target written in Table 1?	VCS MR Template Version 4.2	DR	N/A	OK	OK
1.11.5. Are total project contributions since the project start date, previous SD contribution monitoring period, or VCS monitoring period in the "Current Project Contributions" column	VCS MR Template Version 4.2	DR	Please refer to CAR-9.	CAR-9	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
and the cumulative contributions over the project lifetime documented in the "Contributions Over the Project Lifetime" column in Table 1 of MR?					
1.11.6. Is the cumulative impact calculated by summing the current project contributions with all impacts included in previously approved VCS monitoring reports or Sustainable Development Contribution Reports?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
2. SAFEGUARDS					
2.1. No Net Harm					
2.1.1. Has it been summarized by PPs any potential negative environmental and socio-economic impacts of the project activity and the steps taken to mitigate them?	VCS MR Template Version 4.2	DR	a) It is required to indicate the missing wastewater record date. b) It is required to provide 2023 solid waste disposal records and indicate the dates in section 2.1 of the MR. c) It is required to provide the supporting evidence document for biodiversity. d) It is required to include the precautions taken for the possible negative environmental and socio-economic impacts of the project activity.	CAR-10	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.2. Local Stakeholder Consultation					
2.2.1. Has the process regarding the local stakeholder consultation been described by PPs including the following?	VCS MR Template Version 4.2	DR	a) It is required to indicate the date of the Local Stakeholder Consultation in Section 2.2 and provide the relevant evidence document. b) It is required to provide the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2. c) It is required to briefly describe the mechanism for on-going communication with local stakeholders. d) It is required to provide a signed and sealed letter from mukhtar that there are no complaints about the project activity. e) It is required to indicate if there are any negative comments.	CAR-11	OK
2.2.1.1. The procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought)	VCS MR Template Version 4.2	DR	Please refer CAR-11.	CAR-11	OK
2.2.1.2. The procedures or methods used for documenting the outcomes of the local	VCS MR Template Version 4.2	DR	Please refer CAR-11.	CAR-11	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
stakeholder communication					
2.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification	VCS MR Template Version 4.2	DR	Please refer CAR-11.	CAR-11	OK
2.2.1.4. How due account of all and any input received during ongoing communication has been taken	VCS MR Template Version 4.2	DR	Please refer CAR-11.	CAR-11	OK
2.2.1.5. The details on any updates to the project design or justifying why updates are not appropriate.	VCS MR Template Version 4.2	DR	Please refer CAR-11.	CAR-11	OK
3. IMPLEMENTATION STATUS					
3.1. Implementation Status of The Project Activity					
3.1.1. Has a description of the implementation and operational status of the project as of this monitoring period been provided under section 3.1 of the MR?	VCS Standard Version 4.4	DR	a) It is required to indicate meter details in tabular format in section 3.1. (Brand, serial no, calibration date, meter change date, first index date) b) It is required to briefly describe the turbine and generator technology. c) It is required to indicate the single line of the project activity.	CAR-12	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			d) It is required to indicate the regulator, transmission tunnel and reservoir details as well.		
3.1.2. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in section 3.1 of the MR?	VCS Standard Version 4.4	DR	Please refer CAR-12.	CAR-12	OK
3.1.3. Has the starting date of operation of the project activity been provided under Section 3.1 of the MR?	CDM project standard for project activities §256b	DR	Start date of the Project activity is indicated.	OK	OK
3.1.4. 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 3.1 of the MR?	CDM project standard for project activities §256b	DR	N/A	OK	OK
3.1.5. If the implementation of the project activity planned to be realized in different phases, has the progress of the proposed VCS project activity achieved in each phase been indicated under Section 3.1 of the MR?	CDM project standard for project activities §256b	DR	N/A	OK	OK
3.1.6. Do the actual project activity and its operation comply with the	CDM validation and verification	DR	Please refer CAR-12.	CAR-12	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
registered PD and/or an approved revised PD??	standard for project activities §354a				
3.1.7. Have the PPs implemented and operated the VCS project activity as per the descriptions contained in the registered PD?	CDM validation and verification standard for project activities §354b	DR	Please refer CAR-12.	CAR-12	OK
3.1.8. Are there any other changes (e.g. to project proponent or other entities) with respect to the registered project?	VCS MR Template Version 4.2	DR	N/A	OK	OK
3.2. Deviations					
3.2.1. Methodology Deviations					
3.2.1.1. Are there any deviations from the methodology?	VCS MR Template Version 4.2	DR	N/A	OK	OK
3.2.1.2. If there are any deviations from the methodology, are these deviations described properly?	VCS MR Template Version 4.2	DR	N/A	OK	OK
3.2.1.3. If there are any deviations from the methodology, are	VCS MR Template Version 4.2	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
these deviations justified properly and clearly?					
3.2.2. Project Description Deviations					
3.2.2.1. Are there any deviations from the registered project description?	VCS MR Template Version 4.2	DR	Deviation is indicated and it is in line with the registered PD.	OK	OK
3.2.2.2. If there are any deviations from the project description, are these deviations described properly?	VCS MR Template Version 4.2	DR	Deviation is indicated and it is in line with the registered PD.	OK	OK
3.2.2.3. If there are any deviations from the project description, are these deviations justified properly and clearly?	VCS MR Template Version 4.2	DR	Deviation is indicated and it is in line with the registered PD.	OK	OK
3.2.2.4. Is the outcome of the deviation from the project description provided?	VCS MR Template Version 4.2	DR	Deviation is indicated and it is in line with the registered PD.	OK	OK
3.2.2.5. Has it been described and reported on any project description deviations applied in previous monitoring reports?	VCS MR Template Version 4.2	DR	Deviation is indicated and it is in line with the registered PD.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.3. Grouped Projects					
3.3.1. Is this a grouped project?	VCS MR Template Version 4.2	DR	N/A	OK	OK
3.3.2. If it is a grouped project, is the relevant information about new instances of the project activity(ies) provided?	VCS MR Template Version 4.2	DR	N/A	OK	OK
3.3.3. If it is a grouped project, is it demonstrated clearly and transparently that each new instance of the project activity(s) meets the eligibility criteria set out in the project description?	VCS MR Template Version 4.2	DR	N/A	OK	OK
4. DATA AND PARAMETERS					
4.1. Data and Parameters Available at Validation					
4.1.1. 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 4.1 using the tabular format?	VCS MR Template Version 4.2	DR	Please provide the registered PD.	CAR-13	OK
4.1.2. If all the data that is determined only once for the crediting period	VCS MR Template	DR	Please refer CAR-13.	CAR-13	OK

	Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	but are used after registration of the project, 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 the monitoring plan?	Version 4.2				
4.1.3.	In the data/parameter tables provided under Section 4.1 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.1.4.	In the data/parameter tables provided under Section 4.1 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.1.5.	In the data/parameter tables provided under Section 4.1 of the MR, for each data has the description of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.1.6. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the source of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.1.7. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the values applied of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.1.8. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the justification of choice of data or description of measurement methods and procedures applied been provided?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.1.9. In the data/parameter tables provided under Section 4.1 of the MR, for each data has it been indicated what the data/parameters are used for (baseline/project /leakage emission calculations)?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2. Data and Parameters Monitored					
4.2.1. Has all the data that are monitored been listed under Section 4.2 using the tabular format?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.2. In the data/parameter tables provided under section 4.2 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.3. In the data/parameter tables provided under section 4.2 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.4. In the data/parameter tables provided under section 4.2 of the MR, for each data has it been described how the data is monitored?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.5. In the data/parameter tables provided under section 4.2 of the MR, for each data has the source of data been indicated (like logbooks, daily records, surveys, etc.)?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.6. In the data/parameter tables provided under section 4.2 of the MR, for each data has the estimated values of the monitoring parameter been indicated?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.7. In the data/parameter tables provided under section 4.2 of the MR, for each data has the QA/QC procedures being applied been given?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.8. In the data/parameter tables provided under section 4.2 of the MR, for each data has the purpose of data been given?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.9. If applicable, has the calculation method, including any equations, used to establish the data/parameter been given?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10. In the data/parameter tables provided under section 4.2 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?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.1. Details on accuracy class	VCS MR Template	DR	Please refer CAR-13.	CAR-13	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Version 4.2				
4.2.10.2. The person/entity responsible for the measurement	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.3. Any standards or protocols to be followed	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.4. Calibration frequency	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.5. Serial number	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.6. Calibration date	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.10.7. Validity of the calibration	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK
4.2.11. In the data/parameter tables provided under section 4.2 of the MR, for each data has the measurement and recording frequency been indicated?	VCS MR Template Version 4.2	DR	Please refer CAR-13.	CAR-13	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.12. Is the calibration frequency for measuring equipment specified in the monitoring methodology, in the applied standardized baselines or in the monitoring plan??	CDM validation and verification standard for project activities §370 VCS Standard. Version 4.4	DR	Please refer CAR-13.	CAR-13	OK
4.2.13. If the calibration frequency for measuring equipment isn't specified in the monitoring methodology, guidance provided by the Board or the monitoring plan, are the equipment 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 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.14. 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 VCS Standard.	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Version 4.4				
4.2.15. Is the calibration of the measuring equipment that have an impact on the claimed emission reductions conducted by the PPs at a frequency specified in the applied monitoring methodology and/or the monitoring plan?	CDM validation and verification standard for project activities §371 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.16. 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 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.17. If the 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, are one of the following approaches adopted	CDM validation and verification standard for project activities §366	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
by the PPs for the calculation of emission reductions?	VCS Standard. Version 4.4				
4.2.17.1. 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 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.17.2. 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 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.18. If calibration is delayed and if the calibration is implemented after the monitoring period in	CDM validation and verification	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, has the error been applied in following ways?	standard for project activities §367 VCS Standard. Version 4.4				
4.2.18.1. The adjusted measured values of the delayed calibration result in fewer claimed emission reductions?	CDM validation and verification standard for project activities §367a VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.18.2. 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 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.19. If the results of the delayed calibration aren't available, have	CDM validation and	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
PPs calculated the emission reductions conservatively?	verification standard for project activities §368				
4.2.20. If the results of the delayed calibration aren't available, have post registration requirements been followed by the PPs?	CDM validation and verification standard for project activities §369	DR	N/A	OK	OK
4.2.21. 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?	VCS Standard. Version 4.4	DR	N/A	OK	OK
4.2.22. If the data that are monitored been listed under section 4.2 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 the monitoring plan?	VCS Standard. Version 4.4 CDM project standard for project activities §259	DR	N/A	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.23. Is a complete set of data available for the specified monitoring period?	CDM validation and verification standard for project activities §373 VCS Standard. Version 4.4	DR	N/A	OK	OK
4.3. Monitoring Plan					
4.3.1. Has a description of the monitoring system been provided under Section 4.3 of the MR?	CDM project standard for project activities §258 VCS Standard. Version 4.4	DR	a) It is required to correct the meter details of current and replaced meters. b) It is required to indicate the single line diagram of the project activity. c) It is required to indicate the meter test dates for current monitoring period and provide the latest meter test document. d) It is required to indicate the organizational chart of the project activity. e) It is required to indicate the data recording, how many years data will be kept.	CAR-14	OK
4.3.2. Has information about the data collection procedures, including	CDM project	DR	Please see below.		

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
following been provided under Section 4.3 of the MR?	standard for project activities §258 VCS Standard. Version 4.4				
4.3.2.1. Information flow including data generation	CDM project standard for project activities §258 VCS Standard. Version 4.4	DR	Data generation is available.	OK	OK
4.3.2.2. Data aggregation	CDM project standard for project activities §258 VCS Standard. Version 4.4	DR	This is available.	OK	OK
4.3.2.3. Data recording	CDM project standard for project	DR	Please refer CAR-14.	CAR-14	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	activities §258 VCS Standard. Version 4.4				
4.3.2.4. Data calculation	CDM project standard for project activities §258 VCS Standard. Version 4.4	DR	Data calculation is available.	OK	OK
4.3.2.5. Data reporting	CDM project standard for project activities §258 VCS Standard. Version 4.4	DR	Data reporting is available.	OK	OK
4.3.3. Has organizational structure, roles and responsibilities of personnel, and emergency procedures for the monitoring system been provided under section 4.3 of the MR?	CDM project standard for project activities §258 VCS Standard.	DR	Please refer CAR-14.	CAR-14	

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Version 4.4				
4.3.4. 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) VCS Standard. Version 4.4	DR	Organizational structure is indicated.	OK	OK
4.3.5. Have quality assurance and quality control procedures been applied in accordance with the monitoring plan?	CDM validation and verification standard for project activities §361e VCS Standard. Version 4.4	DR	Please refer CAR-14.	CAR-14	OK
4.3.6. Are the procedures for handling internal auditing and non-conformities described?	VCS Standard. Version 4.4	DR	Please refer CAR-14.	CAR-14	OK
4.3.7. Where appropriate, are the line diagrams to display the GHG data collection and management system included?	VCS Standard. Version 4.4	DR	Please refer CAR-14.	CAR-14	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.8. If the sampling approaches used in the monitoring plan, has the following been included?	VCS Standard. Version 4.4	DR	Please see below.		
4.3.8.1. target precision levels	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.2. sample sizes	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.3. sample site locations	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.4. stratification	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.5. frequency of measurement and	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.6. QA/QC procedures	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.7. Demonstration on whether the required confidence/precision has been met.	VCS Standard. Version 4.4	DR	N/A (The sampling approach hasn't been used).	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.9. Have the monitoring plan and the applied methodology been properly implemented and followed by the PPs?	CDM validation and verification standard for project activities §361a VCS Standard. Version 4.4	DR	The monitoring system is available and in line with the registered PD.	OK	OK
4.3.10. 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 PD or any accepted revised monitoring plan?	CDM validation and verification standard for project activities §361b-(i)-(ii)-(iii) VCS Standard. Version 4.4	DR	The monitoring system is available and in line with the registered PD.	OK	OK
4.3.11. Have all parameters stated in the monitoring plan, the applied methodology and relevant VCS requirements been sufficiently monitored and updated as applicable?	CDM validation and verification standard for project activities §361b VCS Standard.	DR	The monitoring system is available and in line with the registered PD.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Version 4.4				
4.3.12. Are monitoring results consistently recorded and stored as per the approved frequency?	CDM validation and verification standard for project activities §361d VCS Standard. Version 4.4	DR	This is available.	OK	OK
5. QUANTIFICATION of GHG EMISSION REDUCTIONS and REMOVALS					
5.1. Baseline Emissions					
5.1.1. Has all the formulae used to calculate the baseline emissions been provided under section 5.1 of the MR?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	OK
5.1.2. Has sample calculations for all formulae used and calculation of baseline emissions or baseline net GHG removals by sinks, applying actual values been provided under section 5.1 of the MR?	VCS MR Template Version 4.2	DR	Sample calculation is indicated.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.1.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	
5.1.4. Have any assumptions used in baseline emission calculations been justified?	CDM validation and verification standard for project activities §373d VCS Standard. Version 4.4	DR	N/A (There haven't been any assumptions used).	OK	OK
5.1.5. If applicable, are the appropriate emission factors used for the baseline emission 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 VCS Standard. Version 4.4	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
5.2. Project Emissions					

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.2.1. Has all the formulae used to calculate the project emissions been provided under section 5.2 of the MR?	VCS MR Template Version 4.2	DR	All formulae have been indicated.	OK	OK
5.2.2. Has sample calculations for all formulae used and calculation of project emissions or actual net GHG removals by sinks, applying actual values been provided under section 5.2 of the MR?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
5.2.3. Has all electronic spreadsheets to present full calculations in the monitoring report been attached?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	OK
5.2.4. Have any assumptions used in project emission calculations been justified?	CDM validation and verification standard for project activities §373d VCS Standard. Version 4.4	DR	N/A (There haven't been any assumptions used).	OK	OK
5.2.5. If applicable, are the appropriate emission factors used for the project emission calculations in line with the good guidance practices? (e.g., IPCC default	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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
values and other reference values)	activities §373e VCS Standard. Version 4.4				
5.3. Leakage					
5.3.1. Has all the formulae used to calculate the leakage emissions been provided under section 5.3 of the MR?	VCS MR Template Version 4.2	DR	This is available.	OK	OK
5.3.2. Has sample calculations for all formulae used and calculation of leakage emissions, applying actual values been provided under section 5.3 of the MR?	VCS MR Template Version 4.2	DR	It is required to indicate the applied methodology.	CAR-15	OK
5.3.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	OK
5.3.4. Have any assumptions used in leakage emission calculations been justified?	CDM validation and verification standard for project activities §373d	DR	N/A (There haven't been any assumptions used).	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	VCS Standard. Version 4.4				
5.3.5. If applicable, are the appropriate emission factors used for the leakage emission 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 VCS Standard. Version 4.4	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
5.4. Net GHG Emission Reductions and Removals					
5.4.1. Have the total baseline emissions or baseline net GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	VCS MR Template Version 4.2	DR	It is required to correct the annual estimated emission reduction value throughout the MR and ER Excel Sheet according to registered PD.	CAR-16	OK
5.4.2. Has the total project emissions or actual net GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.4.3. Has the total leakage emissions during the monitoring period been given under section 5.4 of the MR?	VCS MR Template Version 4.2	DR	Leakage is indicated.	OK	OK
5.4.4. Have the total emission reductions or net anthropogenic GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	VCS MR Template Version 4.2	DR	Please refer CAR-4.	CAR-4	OK
5.4.5. If there is material information that can cause overestimation of emission reductions or removals of the project activity, is this equal to or higher than one of the following?	CDM validation and verification standard for project activities §326	DR	There hasn't been any material information detected.	OK	OK
5.4.5.1. 0.5 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal of equal to or more than 500,000 tons of carbon dioxide equivalent per year?	CDM validation and verification standard for project activities §326a	DR	There hasn't been any material information detected.	OK	OK
5.4.5.2. 1 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal between 300,000 and 500,000 tons	CDM validation and verification standard for project activities	DR	There hasn't been any material information detected.	OK	OK

Question		Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	of carbon dioxide equivalent per year?	§326b				
5.4.5.3.	2 per cent of the emission reductions or removals for large-scale project activities achieving a total emission reduction or removal of 300,000 tons of carbon dioxide equivalent per year or less?	CDM validation and verification standard for project activities §326c	DR	There hasn't been any material information detected.	OK	OK
5.4.5.4.	10 per cent of the emission reductions or removals for the microscale project activities?	CDM validation and verification standard for project activities §326e	DR	There hasn't been any material information detected.	OK	OK
5.4.5.5.	5 per cent of the emission reductions or removals for small-scale project activities other than project activities covered under 5.4.5.4 above?	CDM validation and verification standard for project activities §326d	DR	There hasn't been any material information detected.	OK	OK
6. APPENDICES						
6.1.	If any further background information regarding any raw data from monitoring is provided, is this	VCS MR Template Version 4.2	DR	Appendix 1, Appendix 2 and Appendix 3has been indicated.	OK	OK

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
information correct and supported by the appropriate evidence?					
6.2. If any further background information regarding additional information used in the monitoring plan is provided, is this information correct and supported by the appropriate evidence?	VCS MR Template Version 4.2	DR	Appendix 1, Appendix 2 and Appendix 3has been indicated.	OK	OK
6.3. If any further background information regarding documentation of activities conducted from the monitoring plan and diagrams are provided, is this information correct and supported by the appropriate evidence?	VCS MR Template Version 4.2	DR	Appendix 1, Appendix 2 and Appendix 3has been indicated.	OK	OK
7. OTHER REQUIREMENTS					
7.1. Forward Action Requests (FARs) Identified During Validation and/or Previous Verification					
7.1.1. Is there any remaining FARs from the validation and/or previous verification activities?	CDM validation and verification standard for project activities §319c, 395h	DR	N/A	OK	OK
7.1.2. If there any remaining FARs from the validation and/or previous	CDM validation and	DR	N/A	OK	OK

	Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	verification activities, have the PPs addressed these FARs in the MR?	verification standard for project activities §320				
7.1.3.	Has the FARs been resolved?	CDM validation and verification standard for project activities §344d, §346	DR	N/A	OK	OK

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 proponents' Response	Verification Team Conclusion
CAR-1 It is required to include all items in the box at the bottom of the cover page and all Sections text part using Arial or Century Gothic 10.5 pt, black, regular (non-italic) font.	1	Response-1: All items have been included at the bottom of the cover page and all Sections text part has been indicated using Arial, 10.5 pt, black, regular font.	OK, closed. (all items are included in the box at the bottom of the cover page and all Sections text part using Arial or Century Gothic 10.5 pt, black, regular (non-italic) font.)
CAR-2 As required by VCS MR Template Version 4.2, it is required to correct the name of the project according to VERRA Registry.	2.1	Response-1: The name of the project has been corrected according to VERRA Registry.	OK, closed. (Name of the project corrected according to VERRA registry.)
CAR-3 According to the monitoring period number, the report ID of the MR is not correct.	2.3	Response-1: The report ID of the MR has been corrected according to the monitoring period number.	OK, closed. (report ID has been corrected according to monitoring period.)
CAR-4 a) The registered PD of the project activity needs to be submitted to VVB. b) It needs to be briefly described the change of project owner according to the generation license and also indicate the date of the hand change. c) As per applied methodology, for the project boundary and baseline scenario needs to be explained in the MR. d) It needs to be clarified the date of the first-generation license as well	1.1.1	Response-1: a) The registered PD has been submitted to VVB. b) The change of project owner according to the generation license and the date of hand change has been indicated in the milestones table. Official gazette document has been provided. c) The project boundary and baseline scenario has been explained in the MR. d) The date of the first generation license has been clarified and who owns the license has been clarified.	a) OK, closed. (Registered PD of the project ctivity has been submitted to VVB.) b) OK, closed. (change of project owner and date of the hand change has been briefly described in the milestone table.) c) OK, closed. (As per applied methodology, the project boundary and baseline scenario are explained in the MR. d) OK, closed.(the date of the first-generation license as well as who owns the

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
as who owns the "24/10/2019" dated generation license. e) It is required to indicate the type of turbines in the MR. f) It is required to provide the Connection agreement of the project activity to the VVB. g) The provided date of EIA not needed certification in the MR according to the provided supporting document is not correct. h) It is required to briefly describe how the project start date is chosen in the MR. i) It is required to include the audit history of the project in the Tabular Format provided in VCR MR version 4.2. (First monitoring period and current monitoring period). j) It is required to indicate the host country in paragraph one in section 1.1. k) It is required to demonstrate baseline emission values, project emission values, leakage emission values, emission reduction values for the whole current monitoring period in a monthly basis in the ER Calculation Excel sheet and apply the round- down function and revise the emission reduction, electricity generation values throughout the MR according to these changes.		e) The type of turbines has been indicated. f) The Connection Agreement has been provided. g) The date of EIA Exemption is correct. Can you please check again? h) It has been briefly explained in Section 1.1. i) The audit history of the project has been included. j) The host country has been indicated. k) The baseline emission values, project emission values, leakage emission values, emission reduction values for the whole current monitoring period has been demonstrated in a monthly basis in the ER Calculation Excel sheet and the round- down function has been applied and the emission reduction, electricity generation values have been revised throughout the MR according to these changes. l) The July 2023 and August 2023 EPIAS records have been provided. m) All the EPIAS records include the dates of generation. Can you please check again? n) The row N27 in the Excel Sheet has been specified.	"24/10/2019" dated generation license has been summarized in the milestone table.) e) OK, closed. (Type of turbines are pelton.) f) OK, closed. (Connection agreement has been provided.) g) OK, closed. (EIA not required document date matches with the date indicated in the milestone table of MR.) h) OK, closed. (How the project start date is chosen has been briefly described.) i) Not closed. First monitoring period has not been included in the audit history table. j) OK, closed. (Host country has been included in section 1.1.) k) Round down function to the emission reduction values have not been applied. l) It is required to provide July 2023 and August 2023 electricity

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
l) It is required to provide July 2023 and August 2023 electricity production values and evidence documents to VVB. m) It is required to provide the EPİAŞ screenshots with showing month and year in the screenshot. The evidence documents that provided by consultant does not involve the dates of electricity generation values. n) It is required to specify the row N27 of ER Excel Sheet.		Response-2: i)The first monitoring period has been included in the milestone table. k)Round down function has been applied in the emission reduction values. l)The July and August 2023 electricity generation values have been included in the ER excel sheet. Response-3: i)1st monitoring period has been included in audit table. k)Values have been made consistent.	production values in ER Excel Spreadsheet. m) OK, closed. (EPİAŞ records have been provided with showing month and year in the screenshot.) n) OK, closed. (Row N27 has been specified.) Review-2: i) 1st monitoring period is not included in audit table. k) Net emission reduction and net electricity generation values are inconsistent in ER Excel Sheet. l) OK, closed. (July 2023 and August 2023 EPİAŞ screenshots have been provided) Review-3: l)OK, closed. (1st monitoring period has been included.) k)OK, closed. (Values are consistent now.)
CAR-5 a) It is required to correct the nearest settlement according to the on-site visit interview.	1.7.1	Response-1: a) The nearest settlement has been corrected according to the on-site visit interview.	a) OK, closed. (Closest settlement has been corrected according to the on-site visit interview.

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
b) It is required to indicate the screen shot of the KMZ document in section 1.7.		b) The screenshot of the KMZ document has been indicated in Section 1.7.	b) OK, closed. (The screenshot of the KMZ document has been indicated in Section 1.7.
CAR-6 a) It is required to delete the unnecessary tools since this is the third verification process of the project activity. b) It is required to only indicate the tools that are applicable for this monitoring period according to the registered PD. c) It is required to indicate the reference links for applicable methodology and tools. d) It is required to use the latest published version of used tools.	1.8.1	Response-1: a) The unnecessary tools have been deleted. b) Only the applicable tools for this monitoring period has been indicated. c) The reference links have been indicated for applicable methodology and tools. d) The latest published version of used tools has been used. Response-2: a) The necessary tools have been indicated. b) Only the tools that are applicable to this monitoring period has been indicated according to the registered PD. Response-3: a)The tool has been included in the section.	a) Unnecessary tools are identified and necessary tools have been deleted. b) It is required to only indicate the tools that are applicable for this monitoring period according to the registered PD. c) OK, closed. (Reference links have been provided.) d) OK, closed. (Latest published version of tools are used.) Review-2: a) One tool is missing according to registered PDD. b) OK, closed. (Unnecessary tools have been deleted) Review-3: a) OK, closed. (Tool have been included.)
CAR-7 It is needed to provide a signed and sealed letter on company letterhead that the project hasn't been registered or hasn't	1.9.1	Response-1: A declaration letter has been provided.	OK, closed. (a signed and sealed letter on company letterhead that the project hasn't been registered or hasn't been seeking

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
been seeking registration under any other GHG programs.			registration under any other GHG programs has been provided.)
CAR-8 It is needed to provide the signed and sealed letter on company letterhead that project hasn't been included in an emissions trading program; or any other mechanism that includes GHG allowance trading.	1.10.1	Response-1: A declaration letter has been provided.	OK, closed. (A signed and sealed letter on company letterhead that project hasn't been included in an emissions trading program; or any other mechanism that includes GHG allowance trading has been provided.)
CAR-9 a) It is required to provide the July 2023 and August 2023 electricity generation value evidence documents. After that, please update the new electricity generation and emission reduction values throughout the MR. b) It is required to correct the number of employees according to the on-site visit interview. c) It is required to indicate each SDG contribution in the ER Calculation Excel spreadsheet as well. d) It is required to correct the Contributions Over Project Lifetime for indicated SDGs.	1.11.1	Response-1: a) The EPIAS records for July 2023 and August 2023 have been provided. The MR has been updated according to these records. b) The number of employees have been corrected according to the on-site visit interview (16 people). c) Each SDG contribution has been indicated in the ER Calculation Excel Spreadsheet. d) The Contributions Over Project Lifetime for indicated SDGs have been corrected. Response-2: a)The July and August electricity generation values have been provided and indicated. The MR and ER has been updated accordingly.	a) July 2023 and August 2023 electricity generation value evidence documents have been provided but new electricity generation and emission reduction values have not been updated throughout the MR and ER Excel Spreadsheet. b) OK, closed. (Number of employees has been corrected according to the on-site visit interview.) c) In Excel Spreadheet provided, SDG contribution values are incorrect. It is not updated with the corrected and included EPİAŞ values. Also SDG 8.5 value is incorrect.

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
		c)The values have been updated according to the generation values. The SDG 8.5 has been corrected. d)The values over project lifetime has been updated in section 1.11 of the MR and indicated in the ER excel sheet.	d) In Contributions Over Project Lifetime column, emission reduction and electricity generation values should be actual values not expected values. Review-2: a)OK, closed. (Net emission reduction and net electricity generation values have been updated) c)OK, closed. (SDG Contribution page in Er Excel sheet has been corrected) d)OK, closed. (SDG Contribution table in MR has been corrected)
CAR-10 a) It is required to indicate the missing wastewater record date. b) It is required to provide 2023 solid waste disposal records and indicate the dates in section 2.1 of the MR. c) It is required to provide the supporting evidence document for biodiversity. d) It is required to include the precautions taken for the possible negative environmental and socio-	2.1.1	Response-1: a) There is no missing wastewater record date, all the dates with the relevant evidence document have been provided. b) There were no solid waste disposal records belonging to 2023. c) A supporting document (fish passage information) for biodiversity will be provided (awaiting from the client). d) The precautions taken for the possible negative environmental and socio-economic impacts of the	a) OK, closed. (All wastewater records are provided.) b) OK, closed. (Explanation have been made.) c) It is required to provide the supporting evidence document for biodiversity. d) OK, closed. (Precautions taken for the possible negative environmental and socio-economic impacts of the project

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
economic impacts of the project activity.		project activity has been included in the mentioned impacts according to the registered PD. Response-2: c) A supporting document (fish passage information) for biodiversity has been provided.	activity have been provided.) Review-2: c) OK, closed.
CAR-11 a) It is required to indicate the date of the Local Stakeholder Consultation in Section 2.2 and provide the relevant evidence document. b) It is required to provide the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2. c) It is required to briefly describe the mechanism for on-going communication with local stakeholders. d) It is required to provide a signed and sealed letter from mukhtar that there are no complaints about the project activity. e) It is required to indicate if there are any negative comments.	2.2.1	Response-1: a) The date of the LSC is not available. b) The procedures or methods used for documenting the outcomes of the local stakeholder communication have been indicated in the Section 2.2. c) The mechanism for on-going communication with local stakeholders has been briefly described. d) A signed and sealed letter from mukhtar that there are no complaints about the project activity has been provided. e) There are no negative comments. Response-2: a)Can you please specify where the date is?	a) There is a LSC meeting date, it needs to be included in Section 2.2. b) OK, closed. (procedures or methods used for documenting the outcomes of the local stakeholder communication have been provided.) c) OK, closed. (Every month the PP consults with local stakeholders at the book locations and discuss their grievances as well as positive comments.) d) OK, closed. (A signed and sealed letter from mukhtar that there are no complaints about the project activity has been provided.) e) OK, closed. (There are no negative comments.)

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
		Response-3: a) LSC meeting date which was mentioned in the "VCS.20 VER.005-Verification Report-Aksu_Clean.pdf" has been indicated.	Review-2: a) LSC meeting date should have been indicated. Review-3: a) OK, closed. (Meeting date has been indicated.)
CAR-12 a) It is required to indicate meter details in tabular format in section 3.1. (Brand, serial no, calibration date, meter change date, first index date) b) It is required to briefly describe the turbine and generator technology. c) It is required to indicate the single line of the project activity. d) It is required to indicate the regulator, transmission tunnel and reservoir details as well.	3.1.1	Response-1: a) Meter details have been indicated in tabular format in section 3.1. b) The turbine and generator technology has been briefly described. c) The single line of the project activity has been indicated. d) The regulator, transmission tunnel and reservoir details have been indicated. Response-2: a) Accuracy class of the meters have been corrected. b) The length of the transmission line has been updated according to the single line diagram. Response-3: b)The first index dates have been indicated.	a) The meter details in tabular format have been provided but the accuracy class of meters is incorrect. b) OK, closed. (The turbine and generator technology has been briefly described.) c) The single line of the project activity has been indicated but length of the transmission line described in Section 3.1. is 22 km while in the single line diagram it is 23 km. d) OK, closed. (The regulator, transmission tunnel and reservoir details have been indicated.) Review-2: a)First index dates of meters should have been indicated.

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
			c) OK, closed. (Length has been corrected.) Review-3: a)OK, closed. First Index date has been indicated.)
CAR-13 Please provide the registered PD.	4.1.1	Response-1: The registered PD has been provided.	OK, closed. (Registered PD has been provided.
CAR-14 a) It is required to correct the meter details of current and replaced meters. b) It is required to indicate the single line diagram of the project activity. c) It is required to indicate the meter test dates for current monitoring period and provide the latest meter test document. d) It is required to indicate the organizational chart of the project activity. e) It is required to indicate the data recording, how many years data will be kept.	4.3.1	Response-1: a) The meter details of current and replaced meters have been corrected. b) The single line diagram of the project activity has been indicated. c) The meter test dates and documents for the current monitoring period has been provided. d) The organizational chart of the project activity has been indicated in Table 6. e) The data recording has been indicated. Response-2: a) Accuracy class of the meters have been corrected. b) The length of the transmission line has been updated according to the single line diagram.	a) Accuracy class of meters is incorrect. b) The single line of the project activity has been indicated but length of the transmission line described in Section 3.1. is 22 km while in the single line diagram it is 23 km. c) OK, closed. (The meter test dates and evidence documents have been provided.) d) OK, closed. (Organizational chart has been indicated as a table.) e) OK, closed. (Data recording and number of years data will be stored have been indicated.) Review-2:

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
		Response-3: a)The first index dates have been indicated.	a)First index dates of meters should have been indicated. b)OK, closed. (Length of transmission line has been corrected) Review-3: a)OK, closed. (First Index date has been indicated.)
CAR-15 It is required to indicate the applied methodology.	5.3.2	Response-1: The applied methodology has been indicated. Response-2: The version of the applied methodology has been corrected.	Version of the applied methodology is incorrect. Review-2: OK, closed. (Version of applied methodology has been corrected)
CAR-16 It is required to correct the annual estimated emission reduction value throughout the MR and ER Excel Sheet according to registered PD.	5.4.1	Response-1: The annual estimated emission reduction is corrected throughout the MR and ER Excel Sheet according to the registered PD.	OK, closed. (The annual estimated emission reduction is corrected throughout the MR and ER Excel Sheet according to the registered PD.)

APPENDIX 2: VERIFICATION TEAM AND ITR COMPETENCE

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 146.2.

Mr. Khalid Mahmood holds a Bachelor degree in "Chemistry, Botany, Zoology" from the Islamia University of Bahawalpur, a Master’s degree in "in Environmental Science" from the from the University of the Punjab and a second Master’s degree in "Environmental Protection and Agricultural Food Production" from the University of Hohenheim. He has over 15 years of professional experience working for a variety of DOEs as a Team Leader. With re-carbon Khalid is a Team Leader and a TA 1.2, 13.1 and 13.2 expert as well as a Regional Expert for Tunisia, Türkiye, Brazil, China, Pakistan.

Ms. İrem Taşkıran holds a B. Sc. in “Energy Systems Engineering” from Ankara Yıldırım Beyazit University. With re-carbon, İrem is an internal Validator/Verifier, Team Leader, a Technical Area 1.1, 1.2, 2.1 and 3.1 expert and a Regional Expert for Türkiye.

Ms. Kader Alkaç holds a B.Sc. degree in “Environmental Engineering” from Hacettepe University / Ankara. With re-carbon, Kader is an internal Validator/Verifier Trainee and Regional Expert for Türkiye.

Mrs. Beyda Altuntaş holds a B.Sc. degree in “Regional Planning” from Gazi University / Ankara and currently undergoes a M.Sc. program in the same. With re-carbon, Beyda is an internal Validator/Verifier Trainee and expert for TA 1.2. Beyda is also a Regional Expert for Türkiye

Mrs. Fikriye Seda Atabek holds B.Sc. degree in “Chemical Engineering” and a M.Sc. degree in “Energy Science and Technology”. She is a lead auditor and trainer for ISO 50001 and since 2004 has been working in the fields of “Management systems”, “ISO 14064” and “Energy Management in Industry”. She has been involved in more than 100 GS and VCS projects as an ITR, Team Leader, Validator and Verifier. With re-carbon, Seda is a free-lance Team Leader, ITR and a TA 1.1, 1.2, 2.1 & 3.1. expert. Seda is also a Regional Expert for Türkiye and China.

Appendix 2-1: 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 **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:

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															
	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															

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															
	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

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 **28.02.2023** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Ms. İrem Taşkıran

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					09.11.2022					09.11.2022					09.11.2022
	TA 1.2: Renewables					09.11.2022					09.11.2022					09.11.2022
SS 02: Energy distribution	TA 2.1: Energy distribution					09.11.2022					09.11.2022					09.11.2022
SS 03: Energy demand	TA 3.1: Energy demand					09.11.2022					09.11.2022					09.11.2022
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater															
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: 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					09.11.2022					09.11.2022					09.11.2022
	TA 1.2: Renewables					09.11.2022					09.11.2022					09.11.2022
SS 02: Energy distribution	TA 2.1: Energy distribution					09.11.2022					09.11.2022					09.11.2022
SS 03: Energy demand	TA 3.1: Energy demand					09.11.2022					09.11.2022					09.11.2022
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater															
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: Agriculture															

COUNTRY EXPERTISE: Türkiye (28.02.2023)

F-C-044 / 23.01.2023 - 00

CERTIFICATE OF APPOINTMENT

re-carbon
quality in carbon auditing

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This Appointment Certificate is granted on the date of **18.07.2023** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Mr. Khalid Mahmood

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															
	TA 1.2: Renewables	18.07.23	18.07.23	18.07.23		18.07.23	18.07.23	18.07.23	18.07.23		18.07.23	18.07.23	18.07.23	18.07.23		18.07.23
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	18.07.23	18.07.23	18.07.23		18.07.23	18.07.23	18.07.23	18.07.23		18.07.23	18.07.23	18.07.23	18.07.23		18.07.23
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: Agriculture															

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															
	TA 1.2: Renewables	18.07.23	18.07.23	18.07.23		18.07.23										
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	18.07.23	18.07.23	18.07.23	18.07.23	18.07.23										
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: Agriculture															

COUNTRY EXPERTISE: Brazil, China, Pakistan, Tunisia, Türkiye

CERTIFICATE OF APPOINTMENT

re-carbon
quality in carbon auditing

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- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

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This Appointment Certificate is granted on the date of **17.01.2024** by:

RE CARBON GÖZETİM HİZMETLERİ LİMİTED ŞİRKETİ

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Ms. Kader Alkaç

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															
	TA 1.2: Renewables															
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															
	TA 13.2: Manure															
SS 16: Agriculture	TA 16.1: Agriculture															

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															
	TA 1.2: Renewables															
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															
	TA 13.2: Manure															
SS 16: Agriculture	TA 16.1: Agriculture															

COUNTRY EXPERTISE: Türkiye (for all GHGRSs)

F-C-044 / 23.01.2023 - 00

CERTIFICATE OF APPOINTMENT

re-carbon
quality in carbon auditing

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- Bring specific expertise to assessments

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This Appointment Certificate is granted on the date of **19.12.2023** by:

RE CARBON GÖZETİM HİZMETLERİ ANONİM ŞİRKETİ

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Mrs. Beyda Altuntaş

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															
	TA 1.2: Renewables										15.12.2023					15.12.2023
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															
	TA 13.2: Manure															
SS 16: Agriculture	TA 16.1: Agriculture															

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															
	TA 1.2: Renewables					15.12.2023					15.12.2023					
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															
	TA 13.2: Manure															
SS 16: Agriculture	TA 16.1: Agriculture															

COUNTRY EXPERTISE: Türkiye (19.12.2023)

F-C-044 / 23.01.2023 - 00

CERTIFICATE OF APPOINTMENT

re-carbon
quality in carbon auditing

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This Appointment Certificate is granted on the date of **26.07.2023** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Mrs. Fikriye Seda Atabek

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	26.07.2023	26.07.2023			26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023
	TA 1.2: Renewables	08.02.2022	08.02.2022			08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022
SS 02: Energy distribution	TA 2.1: Energy distribution	08.02.2022	08.02.2022			08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022
SS 03: Energy demand	TA 3.1: Energy demand	08.02.2022	08.02.2022			08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater															
	TA 13.2: Manure															
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	26.07.2023	26.07.2023	26.07.2023	26.07.2023	26.07.2023										
	TA 1.2: Renewables	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 02: Energy distribution	TA 2.1: Energy distribution	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 03: Energy demand	TA 3.1: Energy demand	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater															
	TA 13.2: Manure															
SS 16: Agriculture	TA 16.1: Agriculture															

ICR International Carbon Registry

BioCarbon Registry

COUNTRY EXPERTISE: Türkiye,China

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