ASLANCIK HYDRO POWER PLANT PROJECT
1ST VERIFICATION REPORT

Report Prepared By: Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti.

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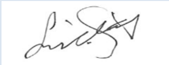
<tr><td></td><td></td></tr>
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The project includes the installation of a runoff river hydroelectric power plant (HEPP) with an installed capacity of 120 MWm / 98 MWe on Harşit Creek in Gümüshane and Giresun cities of Turkey. The purpose of the project activity is to generate electricity and supply it into the public 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 and it includes the installation of vertical shaft Francis type two turbines with the installed capacity of 60 MWm / 49 MWe each.

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 02 and dated 02/06/2012.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, approved consolidated baseline and monitoring Methodology "ACM0002: "Grid-connected Electricity Generation from Renewable Sources" version 12.3.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.0.

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 23 Corrective Action Requests (CARs) and 04 Clarification Requests (CLs) were raised all of which were resolved by either revising the Monitoring Report or by sending objective evidence to the verification team.

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 08 March 2014 and 31 December 2019:

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)
2014	90,100	0	0	90,100
2015	104,871	0	0	104,871
2016	165,200	0	0	165,200
2017	156,103	0	0	156,103
2018	163,264	0	0	163,264
2019	148,290	0	0	148,290
Total	**827,828**	**0**	**0**	**827,828**

TABLE OF CONTENTS

1 INTRODUCTION

1.1 Objective

Re Carbon Ltd. has been appointed by "Aslancık Elektrik Üretim A.Ş." to perform the initial verification of the "Aslancık Hydro Power Plant Project" with the service agreement dated 23/10/2020. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 03 dated 23/03/2021 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 02 and dated 02/06/2012.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002: "Grid-connected Electricity Generation from Renewable Sources" version 12.3.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.0.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle. Therefore, Re Carbon Ltd. can't 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 assurrance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

1.4 Summary Description of the Project

Aslancık Hydro Power Plant Project has been located on Harşit Creek in Gümüshane and Giresun cities of Turkey and developed by Aslancık Elektrik Üretim A.Ş. The project has vertical shaft Francis type two turbines with the installed capacity of 60 MWm / 49 MWe each turbine, so it has a total capacity of 120 MWm / 98 MWe in line with the electricity generation licence and provisional acceptance protocol and the project also supports the sustainable economic development in the region.

The key parameters about the technical design of the project are listed below in Table-1:

Table 1: Technical specifications of the project

Component	Property
Turbine type	Francis
Turbine firm	Rainbow
Rotation	333.3 r / min
Production year	2010
Average flow rate	51.1 m^3 / s
Number of turbines	2
Serial numbers of the turbines	3977 & 3977
Installed capacity of each turbine	60 MWm / 49 MWe

The start date of the project activity is 08/03/2014 which 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 08^{th} of March 2014 until 07^{th} of March 2024 with two times renewable crediting period of 10 years.

2 VERIFICATION PROCESS

The relevant details with regards to the verification process are available in the following sub sections.

2.1 Method and Criteria

Re Carbon Ltd. has been appointed by “Aslancık Elektrik Üretim A.Ş.” to perform the initial verification of the “Aslancık Hydro Power Plant Project” with the service agreement dated 23/10/2020. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 03 dated 23/03/2021 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 02 and dated 02/06/2012.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 12.3.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.0.

There hasn’t been any sampling approach applied during the verification and all monitored data/parameters have been checked by the verification team.

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

2.2 Document Review

The basis for the verification activity is the monitoring report version 01 dated 05/10/2020 which was submitted to the verification team on 05/11/2020. This monitoring report was revised due to the issued CARs and CLs, version 03 dated 23/03/2021 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD version 02 and dated 26/05/2014, ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 12.3.0, the relevant CDM and VCS rules and regulations including CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.0 and the final validation report version 03 dated 19/06/2012.

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 validation period is given in the Table 2-1 below:

Table 2-1: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Registered PD	02	02/06/2012
D02	Final Validation Report	03	19/06/2012
D03	ACM0002: Grid-connected Electricity Generation from Renewable Sources	12.3.0	-

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D04	Verification Service Agreement	-	23/10/2020
D05	Monitoring Report	01	05/10/2020
D06	Monitoring Report	02	22/01/2021
D07	Monitoring Report	03	23/03/2021
D08	ER Calculation Excel Sheet	01	05/10/2020
D09	ER Calculation Excel Sheet	02	22/01/2021
D10	ER Calculation Excel Sheet	03	23/03/2021
D11	CDM Validation and Verification Standard For Project Activities	2.0	29/11/2018
D12	CDM Project Standard For Project Activities	2.0	29/11/2018
D13	CDM Project Cycle Procedure For Project Activities	2.0	29/11/2018
D14	VCS Standard	4.0	19/09/2019
D15	VCS Program Guide	4.0	19/09/2019
D16	EIA Positive Decision	-	02/04/2008
D17	EIA Report	-	03/2008
D18	Electricity Generation Licence (Last Amendment)	-	18/10/2019
D19	TEIAS Monthly Reading Protocols	-	03/2014-12/2019
D20	EPIAS Screenshoots		03/2014-12/2019
D21	Meters Test Reports	-	08/03/2014 02/10/2014 27/10/2015 10/10/2017 18/09/2020
D22	Electricity Meters Photos	-	-
D23	Power Plant Coordinates	-	-
D24	Waste Water Storage Tank Photos	-	-
D25	Rainpower Francis Turbine Brochure	-	-
D26	Turbine Nameplates	-	-
D27	Reservoir Area Reference Drawing	-	28/03/2013
D28	Signed Letters by Aslancık and Dokuzkonak	-	14/12/2020

Document Number	Document Name	Version	Date (dd/mm/yyyy)
	Villages Heads (Mukhtars) (About the Contact Details of PP Relevant Staff In case of Any Complaint)		
D29	Lifeline Water Records	-	-
D30	Noise Measurement Report	-	04/2016
D31	Fish Passage Design Report	-	2008
D32	Letter by the PP (About Double Counting and Renewable Energy Certification (REC))	-	08/01/2021
D33	Provisional Acceptance Protocols	-	08/03/2014 22/12/2017
D34	Feasibility Report of the Project	-	07/2010
D35	Single Line Diagram	-	13/05/2013
D36	Social Security Rords for PP Site Employees	-	-
D37	Training Records	-	02/01/2014 08/01/2015 03/02/2016 28/11/2016 30/03//2017 21/09/2017 24/10/2018 20/02/2019 28/01/2020
D38	Signed Letter by PP (About Proper Disposal of Domestic Waste by Tirebolu Town Special Provincial Administration)	-	10/01/2020
D39	Hazardous Waste Declaration Forms	-	2014-2019
D40	Waste Water Transfer and Disposal Records	-	22/06/2015 14/07/2015 01/06/2016 21/09/2016 12/01/2017 28/12/2017 16/11/2018 07/01/2019 10/01/2020
D41	Site Visit Photos	-	14/12/2020

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D42	Monitoring Report	04	17/06/2021

2.3 Interviews

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

The list of people who were interviewed during the online verification site visit handled on 14/12/2020 and through Zoom program is given in the Table 2-2 below:

Table 2-2: List of persons interviewed

Reference Number	Means of Interview[1]	Full Name	Title	Organization
I01	SV	Ceyhun Yanık	Project Site Manager	Aslancık Elektrik Üretim A.Ş.
I02	SV	Suat Odaman	Sales Manager	Aslancık Elektrik Üretim A.Ş.
I03	SV	Gökhan Birinci	Mechnical Engineer	Aslancık Elektrik Üretim A.Ş.
I04	SV	İbrahim Güner	HSE Specialist	Aslancık Elektrik Üretim A.Ş.
I05	SV	Perihan Kabadayı	Accountant	Aslancık Elektrik Üretim A.Ş.
I06	SV	Oğulcan Demirtaş	Consultant	Life Enerji Ltd.
I07	SV	Recep Tomar	Mukhtar (Village Head)	Aslancık Village
I08	SV	Ramazan Kaymaz	Villager	Aslancık Village

2.4 Site Inspections

As a part of the verification activities, the physical site visit hadn't been performed due to COVID-19 outbreak but the following had been implemented and online site visit was handled on 14/12/2020 and through Zoom program, details of which can be seen in the Table 2-3 below:

Table 2-3: Site visit details

Points Verified	Source of Information
Implementation and operation of the proposed VCS project activity as per the registered PD	Document review, online site visit and interviews with the PP representatives and local stakeholders from Aslancık Village

[1] SV: Online site visit; T: Telephone; E: E-mail

Points Verified	Source of Information
Review of information flows for generating, aggregating and reporting the monitoring parameters	Document review, online site visit and interviews with the PP representatives and local stakeholders from Aslancık 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 and local stakeholders from Aslancık Village
Cross-check between information provided in the monitoring report and data from other sources such as plant log books, inventories, purchase records or similar data sources	Document review and online 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, online site visit and interviews with the PP representatives and local stakeholders from Aslancık Village
Review of calculations and assumptions made in determining the GHG data and emission reductions	Document review
Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Document review and interviews with the PP representatives and local stakeholders from Aslancık Village

The project owner representatives and local stakeholders had been interviewed as in above during the online (remote) site visit using Zoom program and some photographic evidences like electricity meters, waste storage areas etc. have been taken along with the document review process to achieve the reasonable level of assurance during the verification as detailed in other sections of the report.

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 version 02 and dated 26/05/2014
- Assessment of the compliance of the monitoring plan with the relevant methodology ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 12.3.0
- 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 Annex-1 of this verification report.

The Verification Protocol consists of two tables:

- Table 1 (Monitoring Report and VCS verification requirements) and
- Table 2 (Resolution of Corrective Action, Forward Action and Clarification Requests)

The usage description of Table-1 in Verification Protocol is explained in Table 2-4 below:

Table 2-4: Explanation about Table-1 in Verification Protocol

Question	Reference	MoV*	Findings, comments, references and document sources	Draft & Final Conclusion
The requirements related with the monitoring report and verification	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 Verification Protocol is explained in Table 2-5 below:

Table 2-5: 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 Participants' Response	Verification Team Conclusion
The all CL, FAR and CARs determined during the draft verification report should be listed here	Gives reference to the checklist questions in Table-1 of Verification Protocol	Is used to summarize the responses by project participants regarding the non-conformities	Is used to summarize the responses by verification and their conclusions

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

During the verification period, a Verification Protocol which is attached in Annex 1 to this verification report was used to submit the findings to the project participants.

In line with Re Carbon Ltd. internal terminology and VCS version 4.0, the team reports the non-conformities in the 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 are 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 participants.
- The verification team raises a CL if information is insufficient or not transparent 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 if the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles total of 23 CARs and 04 CLs were issued all of which are listed in the Verification Protocol. There hasn't been any FARs issued during the verification.

The appointment process of the verification team takes into account 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 Independent Technical Reviewer (ITR), respectively. The verification team and ITR are assigned to this verification activity on 29/08/2020 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	Involvement*
Anıl Söyler	Team Leader	☒	☒	☒	A, DR, SV, R
Sukanta Das	ITR	☒	☒	☒	ITR

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

A : Administrative
DR : Desk RevieW
SV : Online Site Visit
R : Reporting
ITR : Independent Technical Review

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

The Independent Technical Review is performed by another Team Leader who hasn’t involved in the verification activities of this project activity. When the Team Leader finalizes the Verification Report, the report is sent to Independent Technical Reviewer, at this stage not only the report but all the supporting documents like emission factor calculations and relevant excel sheets etc. are reviewed.

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

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

2.5.1 Forward Action Requests

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

According to these principles, no FARs was issued during the verification.

2.6 Eligibility for Validation Activities

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

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

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 letters by PP dated as 08/01/2021.

3.2 Methodology Deviations

N/A (There haven't been any methodology deviations applied).

3.3 Project Description Deviations

The following project description deviations have been realized during the monitoring period. Firstly, the project's installed electrical capacity had been increased to 120 MWm / 98 MWe from 120 MWm / 93 MWe on 18/12/2017 as confirmed through the provisional acceptance protocol dated as 18/12/2017 and generation licence of the project activity. However, this hasn't been any adverse impact on the additionality of the project, since the net total electricity generation of the project activity is 36% lower than the estimated value during the monitoring period as confirmed through the provided and checked emission reduction calculations and EPIAS records. In line with the initial investment analysis which was executed during the validation process of the project (the validation had been handled by different VVB at that time) has annual electricity generation amount according to generation license of the project before capacity change (93 MW). According to this, equity IRR was calculated as 12.40% at the time of validation, which is lower than the calculated benchmark (17.50%) in registered PD. As it was requested, the annual electricity generation amount was revised according to new generation license after capacity change (98MW) in investment analysis and in this way new equity IRR has been calculated as 12.97% by PP which is still significantly lower than the calculated benchmark (17.50%) in registered PD. Consequently, 5 MW capacity change is not impacting the additionality of the project and it can be concluded that the project is still additional.
Secondly, the project start date of the project activity has been revised as 08/03/2014 as the commissioning date of the project activity comparing with the registered PD.
Thirdly, the other entity involved in the project as the carbon consultant has been Life İklim ve Enerji Ltd. Sti. comparing with the registered PD in which that was enveco GmbH.

3.4 Grouped Project

The project is not a grouped project.

4 VERIFICATION FINDINGS

The verification findings have been detailed as in below.

4.1 Project Implementation Status

Compliance of the Project Implementation with the Registered PD:

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.

According to the registered PD, the estimated annual emission reduction is 222,884 tCO2e and corresponding total estimated amount for the monitoring period is 1,297,612 tCO_2e. The actual values achieved for the current monitoring period is 827,828 tCO_2e. The actual amount of emission reduction for the current monitoring period is about 36% less than the estimated emission reduction amount. However, the difference is due to the annual changes and deviations in the precipitation regime and so as in the water flow. Besides that, the difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PD.

The project also contributes to SDG 7 (Affordable and Clean Energy with 1,553,154.5 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 21 employed staff during the recent year of operation period) and SDG-13 (Climate Action with achieved emission reduction of 827,828 tCO_2e) during the monitoring period.

The project was commissioned on 08/03/2014 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 program in the host country is Gold Standard 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 hasn't been any issued Forward Action Requests (FARs) from the validation stage in line with the provided validation report version 03 dated as 19/06/2012.

Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 12.3.0, applied by the project activity.

In line with the methodology and the registered PD, the only parameter that need to be monitored is the quantity of net electricity generation supplied by the project plant to the grid (Egfacility,y) as in below:

- Egfacility,y parameter: 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 two main electricity meters at the grid interface and recorded monthly. There are also two back up electricity meters. That means, the electricity generation and consumption values have been determined through the summation of the measured values of two main meters and checked through two back up meters. All readings and billings are done via EPIAS system which is the legal database of the Ministry. During this verification, all EPIAS and TEIAS meter reading 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. SCADA system is available from which daily reports are taken and the data collected daily is saved in plant manager computer and backed up.

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.

CAR-16 and CAR-18 were issued regarding the monitoring and they had been closed out as detailed in Annex-1.

Compliance with the Calibration Frequency Requirements for Measuring Instruments:

The net electricity is measured continuously by two main electricity meters at the grid interface and recorded monthly. There are also two back up electricity meters.

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 are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the meters. The tests for the meters were performed on 08/03/2014, 02/10/2014, 27/10/2015, 10/10/2017 and 18/09/2020, respectively and those test reports were provided to VVB.

The serial numbers of the main meters (both are Elster model and accuracy class is 0.5s) are 464256 and 471006 and those of back up meters (both are Elster model and accuracy class is 0.5s) are 464257 and 471007, respectively and these have been verified through the electricity meter photos and meter test protocols. All these meters are bi-directional (meter the energy in two directions – generation and consumption).

CAR-18 was issued regarding the calibration and meter testing and this CAR had been closed as detailed in Annex-1.

4.2 Safeguards

4.2.1 No Net Harm

There hadn't 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 positive decision dated as 02/04/2008 by the General Directorate of Environment and Urbanization was also provided by the PP.

Besides that, the photos of waste storage areas and the hazardous waste declaration forms for 2014, 2015, 2016, 2017, 2018 and 2019 years and waste water disposal receipts dated as 22/06/2015, 14/07/2015, 01/06/2016, 21/09/2016, 12/01/2017, 28/12/2017, 16/11/2018, 07/01/2019 and 10/01/2020 have been provided by the PP.

4.2.2 Local Stakeholder Consultation

There hadn't been any complaint raised by the interviewed local stakeholders during the online verification 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 hadn't been any complaint by the interviewed local stakeholders during the site visit:

- Noise due to the project activity
- Impact on the aquatic life where the project had been constructed
- Sufficiency of local employment (The interviewed local stakeholders were pleased about the provided local employment opportunities by the PP)
- 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 online site visit. The documents showing the contact details of the relevant person within PP with the signatures of Aslancık and Dokuzkonak Villages' Mukhtars (Village Heads) and dated as 14/12/2020 were also provided to VVB.

4.3 AFOLU-Specific Safeguards

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

4.4 Accuracy of GHG Emission Reduction or Removal Calculations

EPİAŞ records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPİAŞ records as the main source and crosschecked with TEAIS 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
08/03/2014-31/12/2014	Export to Grid: 169,477.73 MWh Import from Grid: 433.06 MWh Net electricity supplied to grid: 169,044.67	Monthly EPIAS records

Period	Amount	Compliance check
	MWh	
01/01/2015-31/12/2015	Export to Grid: 197,545.15 MWh Import from Grid: 787.69 MWh Net electricity supplied to grid: 196,757.46 MWh	Monthly EPIAS records
01/01/2016-31/12/2016	Export to Grid: 310,584.87 MWh Import from Grid: 639.28 MWh Net electricity supplied to grid: 309,945.59	Monthly EPIAS records
01/01/2017-31/12/2017	Export to Grid: 293,617.03 MWh Import from Grid: 740.85 MWh Net electricity supplied to grid: 292,876.18 MWh	Monthly EPIAS records
01/01/2018-31/12/2018	Export to Grid: 306,978.51 MWh Import from Grid: 666.75 MWh Net electricity supplied to grid: 306,311.76 MWh	Monthly EPIAS records
01/01/2019-31/12/2019	Export to Grid: 278,912.43 MWh Import from Grid: 693.59 MWh Net electricity supplied to grid: 278,218.85 MWh	Monthly 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 12.3.0 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)

According to the applied methodology, for hydropower plants if the power density of the reservoir is higher than 10 W/m^2, then Pey = 0. The power density of the project is calculated as follows:

$$PD = \frac{Cap_{PJ} - Cap_{BL}}{A_{PJ} - A_{BL}}$$

Where;

PD = Power density of the project activity (W/m^2)

Cap_{PJ} = Installed capacity of the hydro power plant after the implementation of the project activity (W)

Cap_{BL} = Installed capacity of the hydro power plant before the implementation of the project activity (W). For new hydro power plants, this value is zero

A_{PJ} = Area of the single or multiple reservoirs measured in the surface of the water, after the implementation of the project activity, when the reservoir is full (m^2)

A_{BL} = Area of the single or multiple reservoirs measured in the surface of the water, before the implementation of the project activity, when the reservoir is full (m^2). For new reservoirs, this value is zero

The project activity is a greenfield run-of–river hydropower project, so Cap_{BL} and A_{BL} are equal to zero.

A_{PJ} = 175,000 m^2 (according to the provided PD of the project)

Cap_{PJ} = 98,000,000 W

The power density is calculated as follows:

PD = 98,000,000 / 175,000 = 560 W/m²

As the power density is higher than 10W/m^2, the project emissions of the project are equal to zero. 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 0.533 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 1,297,612 tCO_2e corresponding to the monitoring period. However, the project in operation totally reached 827,828 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)
08/03/2014 - 31/12/2014	90,100
01/01/2015 - 31/12/2015	104,871
01/01/2016 - 31/12/2016	165,200
01/01/2017 - 31/12/2017	156,103
01/01/2018 - 31/12/2018	163,264
01/01/2019 - 31/12/2019	148,290

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

CAR-22 was issued regarding the emission reduction calculations and the data used for these calculations and it had been closed as detailed in Annex-1. Therefore, 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 12.3.0 and the monitoring plan given in the registered PD.

4.5 Quality of Evidence to Determine GHG Emission Reductions or 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 validation report version 03 dated 19/06/2012, the combined margin emission factor had been validated and will remain the same for the first crediting period of 10 years as 0.533 tCO2/MWh.

The only parameter that needs to be closely verified is the net electricity generation and this value is taken from the EPIAS records. 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.

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 isn't an AFOLU project).

5 VERIFICATION CONCLUSION

Re Carbon Ltd. has performed the initial verification of “Aslancık Hydro Power Plant Project” which is a project with the VCS registry reference number “917” for the period between 08 March 2014 and 31 December 2019. The scope of the activities cover the verification and certification of GHG emissions reductions reported in monitoring report version 03 dated 23/03/2021.

Life İklim ve Enerji Ltd. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project monitoring plan indicated in the registered PD. The development and maintenance of the records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of both Life İklim ve Enerji Ltd. and 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 03.

The verification has been performed by a verification team consisting of “Anıl Söyler as team leader and Sukanta Das as ITR” and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and VCS Organization, CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.0.

Re Carbon Ltd. hereby confirms that the project activity “Aslancık Hydro Power Plant Project” in Turkey is implemented in accordance with the validated and registered PD version 02 and dated 02/06/2012. The monitoring system is in place and the emission reductions are calculated without material misstatements as per the applied approved methodology, which is ACM0002 version 12.3.0. It is also confirmed that the level of assurance of this verification report is reasonable.

Re Carbon Ltd. confirms the following based on the results of document review for the period between 08 March 2014 and 31 December 2019:

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)
2014	90,100	0	0	90,100
2015	104,871	0	0	104,871
2016	165,200	0	0	165,200
2017	156,103	0	0	156,103
2018	163,264	0	0	163,264
2019	148,290	0	0	148,290
Total	**827,828**	**0**	**0**	**827,828**

Anıl SÖYLER	Sukanta Das	Anıl SÖYLER
Team Leader	ITR	Certification Manager
18/06/2021	18/06/2021	18/06/2021

ANNEX 1: VERIFICATION PROTOCOL

Table 1 – VCS Monitoring Report (MR) Form 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 10.5 pt, black, regular (non-italic) font?	VCS Std. Version 4.0	DR	a) Please 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. b) Please correct the monitoring period considering the start date of crediting period in the registered PD and monitoring period duration. c) Please clarify the VCS version of the project activity.	CAR-1	OK
2. Are the followings provided at the cover page in a tabular format?	VCS Std. Version 4.0	DR	Please see in below.	OK	OK
2.1. Name of the project?	VCS Std. Version 4.0	DR	Please correct the project name in line with the registered PD and validation report.	CAR-2	OK
2.2. Version number of the VCS MR?	VCS Std. Version 4.0	DR	This is available as version 01.	OK	OK
2.3. Report ID of the document	VCS Std. Version 4.0	DR	This is available as 01.	OK	OK
2.4. The issuance date of the document in DD-Month-YYYY format?	VCS Std. Version 4.0	DR	Please provide the issuance date in DD-Month-YYYY format in the cover page.	CAR-3	OK
2.5. VCS project database ID, if registered	VCS Std. Version 4.0	DR	This is available as 917 in the cover page of MR.	OK	OK
2.6. Monitoring period in DD-Month-YYYY to DD-Month-YYYY format	VCS Std. Version 4.0	DR	Please see the option b) of CAR-1.	CAR-1	OK
2.7. Individual or entity that prepared the document?	VCS Std. Version 4.0	DR	This is available as Aslancık Elektrik Üretim A.Ş & Life Enerji.	OK	OK
2.8. Physical address, telephone, email, website?	VCS Std. Version 4.0	DR	These details are available.	OK	OK
3. Is this box available on the title page of the final document?	VCS Std. Version 4.0	DR	This is available in the version 01 of the MR.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4. Is there "Table of Contents" in the VCS MR?	VCS Std. Version 4.0	DR	This 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 Std. Version 4.0	DR	Please see CAR-1.	CAR-1	OK
6. Are the VCS MR and other documents required under the VCS Program in English?	VCS Std. Version 4.0	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 Std. Version 4.0 CDM-MR-FORM Version 7.0	DR	The brief summary is available but please see in below: a) Please include the net electricity generation and achieved ER values including the comparison results under Section 1.1 of the MR. b) Please include the current status of the project and please correct the sentences like expected, estimated etc. under Section 1.1 of the MR since the project is already operational.	CAR-4	OK
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 Std. Version 4.0 CDM-MR-FORM Version 7.0	DR	The purpose of the project activity and the measures taken to reduce greenhouse gas emissions have been provided under Section 1.1 of the MR.	OK	OK
1.1.3. Has a brief description of the installed technology and equipment been provided under Section 1.1 of the MR?	VCS Std. Version 4.0 CDM-MR-FORM Version 7.0	DR	a) Please provide the brief description of the installed technology and equipment including turbine types and models, their brief specifications in the Section 1.1 of the MR and please also provide the reference documents and turbine name plates. b) Please clarify whether there is any dam and/or any new reservoir formation within the context of the project activity in the Section 1.1 of the MR. c) Please clarify the reservoir area details in the Section 1.1 of the MR.	CAR-5	OK
1.1.4. Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under	VCS Std. Version 4.0 CDM-MR-	DR	a) These have been provided under Section 3.1 of the MR but please include the end date of initial monitoring period. b) Please correct the sentences like expected, estimated etc. and	CAR-6	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
Section 1.1 of the MR?	FORM Version 7.0		please include exact dates under Section 3.1 of the MR since the project is already operational. c) Please clarify the commissioning date of the project activity along with the relevant evidence.		
1.1.5. Has the total emissions reductions achieved in this monitoring period been provided under Section 1.1 of the MR?	VCS Std. Version 4.0 CDM-MR-FORM Version 7.0	DR	Please see option a of CAR-2.	CAR-2	OK
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 Std. Version 4.0	DR	This has been indicated and the project is not a grouped project.	OK	OK
1.2.2. Is the sectoral scope(s) applicable to the project indicated?	VCS Std. Version 4.0	DR	Please include the full name of the sectoral scope of the project activity in the Section 1.2 of the MR.	CAR-7	OK
1.2.3. Is the category of the project activity specified?	VCS Std. Version 4.0	DR	N/A (Since this isn't an AFOLU project, the category is not applicable).	OK	OK
1.3. Project Proponent					
1.3.1. Are the contact information for the project proponent(s) provided in the tabular format?	VCS Std. Version 4.0	DR	Please clarify the project proponent of the project activity along with the relevant evidence document since it is different in the registered PD and validation report.	CAR-8	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 Std. Version 4.0	DR	This is available in the Section 1.4 of the MR.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.5. 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 Std. Version 4.0	DR	The project start date is available as 01/03/2014 but please provide the relevant evidence document.	CL-1	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 Std. Version 4.0	DR	These are available in the Section 1.6 of the MR but please clarify the total crediting period of the project activity.	CL-2	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 Std. Version 4.0	DR	Please include the reference document information for all provided coordinates considering the current status of the project in Section 1.7 of the MR.	CAR-9	OK
1.8. Title and Reference of Methodology					
1.8.1. Is the following information provided regarding the methodology(s) applied to the project?	VCS Std. Version 4.0	DR	Please see in below.	OK	OK
1.8.1.1. The title of the methodology(ies)	VCS Std. Version 4.0	DR	This is available.	OK	OK
1.8.1.2. The reference of the methodology(ies)	VCS Std. Version 4.0	DR	This is available.	OK	OK
1.8.1.3. The version number of the methodology(ies)	VCS Std. Version 4.0	DR	This is available.	OK	OK
1.8.2. Is the following information provided regarding the tool(s) applied to the project?	VCS Std. Version 4.0	DR	Please see in below.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.8.2.1. The title of the tool(s)	VCS Std. Version 4.0	DR	The titles of the referred tools are available.	OK	OK
1.8.2.2. The version number of the tool(s)	VCS Std. Version 4.0	DR	The version numbers of the referred tools have been 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 Std. Version 4.0	DR	It has been stated that the project hasn't been registered or seeking registration under other GHG programs but please 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-10	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 Std. Version 4.0	DR	N/A (It has been stated that the project hasn't been registered or seeking registration under other GHG programs).	CAR-10	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 Std. Version 4.0	DR	N/A (It has been stated that the project hasn't been registered or seeking registration under other GHG programs).	CAR-10	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 mechanism that includes GHG allowance trading?	VCS Std. Version 4.0	DR	It has been stated that the project hasn't created another form of credit but please provide a signed and sealed letter on company letterhead that project hasn't been created other forms of credit (e.g. renewable energy certificates).	CAR-11	OK
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	VCS Std. Version 4.0	DR	N/A (It has been stated that the project hasn't created another form of credit).	CAR-11	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
PPs provided evidence on the following?					
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 Std. Version 4.0	DR	N/A (It has been stated that the project hasn't created another form of credit).	CAR-11	OK
1.10.3. Have the project(s) created other forms of environmental credit (for example renewable energy certificates)?	VCS Std. Version 4.0	DR	N/A (It has been stated that the project hasn't created another form of credit).	CAR-11	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 Std. Version 4.0	DR	N/A (It has been stated that the project hasn't created another form of credit).	CAR-11	OK
1.10.5. Have all other programs under which the project is eligible to participate (to create another form of GHG-related environmental credit) been listed?	VCS Std. Version 4.0	DR	N/A (It has been stated that the project hasn't created another form of credit).	CAR-11	OK
1.11. Sustainable Development					
1.11.1. Has it been described how the project contributes to achieving any nationally stated sustainable development priorities, including any provisions for monitoring and reporting same?	VCS Std. Version 4.0	DR	a) Please explain in the Section 1.11 of the MR how the project contributes to achieving any nationally stated sustainable development priorities. b) Please include the actual results of the contributed sustainable development indicators by the project during the monitoring period in the Section 1.11 of the MR.	CAR-12	OK
2. SAFEGUARDS					
2.1. No Net Harm					

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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 Std. Version 4.0	DR	Please provide the following records: - Waste water storage tank photographic evidences - Waste water transfer and disposal records - Hazardous waste transfer and disposal records - Hazardous and domestic waste storage area photographic evidences - Fish passage photographic evidences, if any, along with the design documents - Life line water official records -The noise assessment report, if any, -The social security records of PP site employees -The training records of PP site employees	CL-3	OK
2.2. Local Stakeholder Consultation					
2.2.1. Has the process regarding the local stakeholder consultation been described by PPs including the following?	VCS Std. Version 4.0	DR	Please see in below.	OK	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 Std. Version 4.0	DR	These are available in the MR.	OK	OK
2.2.1.2. The procedures or methods used for documenting the outcomes of the local stakeholder communication	VCS Std. Version 4.0		These are available in the MR.	OK	OK
2.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification	VCS Std. Version 4.0		a) Please clarify whether there is complaint received during the current monitoring period in the Section 2.2 of the MR. b) Please provide the signed document about the contact details of the PP relevant staff in case of any complaint by Aslancık and Ataköy villages and whether there is any complaint received by the Muhktars from the local stakeholders. c) Please include the current status of the ongoing communication with the local stakeholders instead of the sentences like expected or will be conducted etc. d) Please include all local stakeholder communication details	CAR-13	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			associated with the current monitoring period in the Section 2.2 of the MR.		

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.2.1.4. How due account of all and any input received during ongoing communication has been taken	VCS Std. Version 4.0		Please see CAR-13.	CAR-13	OK
2.2.1.5. The details on any updates to the project design or justifying why updates are not appropriate.	VCS Std. Version 4.0		Please clarify in the Section 2.2 of the MR whether there are any updates to the project design or please justify why updates are not appropriate.	CAR-14	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?	CDM-MR-FORM Version 7.0	DR	a) Please include the shareholder structure change details in the Section 3.1 of the MR along with the relevant evidence document. b) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational.	CAR-15	OK
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?	CDM-MR-FORM Version 7.0	DR	This has been provided in the Section 3.1 of the MR.	OK	OK
3.1.3. Has the starting date of operation of the project activity been provided under Section 3.1 of the MR?	EB93 Report Annex 4 §257b	DR	The starting date of operation of the project activity has been provided.	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?	EB93 Report Annex 4 §257b	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?	EB93 Report Annex 4 §257b	DR	N/A	OK	OK
3.1.6. Do the actual project activity and its operation	EB93 Report	DR	The actual project activity and its operation complies with the registered PD.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
comply with the registered PD and/or an approved revised PD??	Annex 5 §357a				
3.1.7. Have the PPs implemented and operated the VCS project activity as per the descriptions contained in the registered PD?	EB93 Report Annex 5 §357a	DR	The actual project activity and its operation complies with the registered PD.	OK	OK
3.1.8. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in Section 3.1 of the MR?	CDM-MR-FORM Version 7.0	DR	This has been provided in the Section 1.1 of the MR.	OK	OK
3.1.9. Are there any other changes (e.g. to project proponent or other entities) with respect to the registered project?	VCS Std. Version 4.0	DR	Please clarify in the Section 3.1 of the MR whether there are any changes with respect to other entities involved in the project comparing with the registered project.	CAR-16	OK
3.2. Deviations					
3.2.1. Methodology Deviations					
3.2.1.1. Are there any deviations from the methodology? •	VCS Std. Version 4.0	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
3.2.1.2. If there are any deviations from the methodology, are these deviations described properly?	VCS Std. Version 4.0	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
3.2.1.3. If there are any deviations from the methodology, are these deviations justified properly and clearly?	VCS Std. Version 4.0	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
3.2.2. Project Description Deviations					
3.2.2.1. Are there any deviations from the registered project description?		DR	Please clarify in the Section 3.2.2 of the MR whether there is any change with respect to project ownership and other entities involved in the project comparing with the registered project.	CL-4	OK
3.2.2.2. If there are any deviations from the project description, are these deviations described properly?	VCS Std. Version 4.0	DR	Please see CL-4.	CL-4	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.2.2.3. If there are any deviations from the project description, are these deviations justified properly and clearly?	VCS Std. Version 4.0	DR	Please see CL-4.	CL-4	OK
3.2.2.4. Is the outcome of the deviation from the project description provided?	VCS Std. Version 4.0	DR	Please see CL-4.	CL-4	OK
3.3. Grouped Projects					
3.3.1. Is this a grouped project?	VCS Std. Version 4.0	DR	Please include Section 3.3 in the MR and please clarify whether the project is a grouped project activity.	CAR-17	OK
3.3.2. If it is a grouped project, is the relevant information about new instances of the project activity(ies) provided?	VCS Std. Version 4.0	DR	N/A (The project isn't a grouped project).	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 Std. Version 4.0	DR	N/A (The project isn't a grouped project).	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section 4.1 of the MR.	OK	OK
4.1.2. If all the data that is determined only once for the crediting period but are used after registration of the project, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section 4.1 of the MR.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	OK
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	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)?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	EGfacility,y, is the monitored parameter in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	EGfacility,y, is the monitored parameter in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	The unit is available in line with the registered PD.	OK	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?	CDM-MR-FORM Version 7.0 VCS Version 4.0	DR	This is stated in the Section 4.2 of the MR.	OK	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.)?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is in line with the registered PD.	OK	OK
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	a) Please provide the electricity meter details including the accuracy class and model information in the Section 4.2 of the MR. b) Please provide the transformer information for the electricity meters in the Section 4.2 of the MR. c) Please provide the photographic evidences of all electricity meters.	CAR-18	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			d) Please provide the meter test protocols associated with the monitoring period. e) Please clarify if there are any changed electricity meters and if this is within the monitoring period. f) Please check and correct all sentences like expected or will be applied in the Section 4.2 of the MR since the project is already operational.		

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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? •	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available in the MR.	OK	OK
4.2.9. If applicable, has the calculation method, including any equations, used to establish the data/parameter been given?	VCS Std. Version 4.0	DR	This is available in the Excel spreadsheet.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see in below.	OK	OK
4.2.10.1. Details on accuracy class	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR, SV	Please see the option a of CAR-18.	CAR-18	OK
4.2.10.2. The person/entity responsible for the measurement	VCS Std. Version 4.0	DR	This is available and in line with the registered PD.	OK	OK
4.2.10.3. Any standards or protocols to be followed	VCS Std. Version 4.0	DR	This is available in the Section 4.3 of the MR.	OK	OK
4.2.10.4. Calibration frequency	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available as ten years.	OK	OK
4.2.10.5. Serial number	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR, SV	Please see the option a of CAR-18.	CAR-18	OK
4.2.10.6. Calibration date	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see the options d and f of CAR-18.	CAR-18	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.10.7. Validity of the calibration	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available as ten years.	OK	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available.	OK	OK
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??	EB93 Report Annex 5 §368 VCS Std. Version 4.0	DR	This is in line with the registered PD and relevant legal regulation.	OK	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?	EB93 Report Annex 5 §373 VCS Std. Version 4.0	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.14. If neither local/national standards nor the manufacturer's specification are available, have the international standards been used?	EB93 Report Annex 5 §373 VCS Std. Version 4.0	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
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?	EB93 Report Annex 5 §374 VCS Std. Version 4.0	DR	This is in line with the registered PD and relevant legal regulation.	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	EB93 Report Annex 5 §369 VCS Std.	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
the certain monitoring period?	Version 4.0				
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 by the PPs for the calculation of emission reductions?	EB93 Report Annex 5 §369 VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
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	EB93 Report Annex 5 §369a VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	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.	EB93 Report Annex 5 §369b VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.18. If calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, has the error been applied in following ways?	EB93 Report Annex 5 §370 VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.18.1. The adjusted measured values of the delayed calibration result in fewer claimed emission reductions?	EB93 Report Annex 5 §370a VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.18.2. For all measured values taken during the period between the	EB93 Report Annex 5	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
scheduled date of calibration and the actual date of calibration?	§370b VCS Std. Version 4.0				
4.2.19. If the results of the delayed calibration aren't available, have Pss calculated the emission reductions conservatively?	EB93 Report Annex 5 §371	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.20. If the results of the delayed calibration aren't available, have post registration requirements been followed by the PPs?	EB93 Report Annex 5 §372	DR	N/A (The calibration of the meters is valid ten years).	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0 EB93 Report Annex 4 §260	DR	EGfacility,y, is the monitored parameter in line with the registered PD.	OK	OK
4.2.23. Is a complete set of data available for the specified monitoring period?	EB93 Report Annex 5 §376 VCS Std. Version 4.0	DR	EGfacility,y, is the monitored parameter in line with the registered PD.	OK	OK
4.3. Monitoring Plan					

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.1. Has a description of the monitoring system been provided under Section 4.3 of the MR?	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	The details of the monitoring system is available and in line with the registered PD but please see in below: a) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational. b) Please provide the relevant evidence for the number of employees indicated in the Section 4.3 of the MR.	CAR-19	OK
4.3.2. Has information about the data collection procedures, including following been provided under Section 4.3 of the MR?	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	Please see in below.	OK	OK
4.3.2.1. Information flow including data generation	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	The details of the data generation is available and in line with the registered PD.	OK	OK
4.3.2.2. Data aggregation	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	The details of the data aggregation is available and in line with the registered PD.	OK	OK
4.3.2.3. Data recording	CDM-MR-FORM Version 7.0 EB93 Report	DR	The details of the data recording is available and in line with the registered PD.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Annex 4 §259 VCS Std. Version 4.0				

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.2.4. Data calculation	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	The details of the data calculation (net electricity generation) is available and in line with the registered PD.	OK	OK
4.3.2.5. Data reporting	CDM-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	The details of the data reporting is available and in line with the registered PD.	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-MR-FORM Version 7.0 EB93 Report Annex 4 §259 VCS Std. Version 4.0	DR	Please provide brief information about the roles and responsibilities of each personnel involved in the monitoring process (like project manager, engineers and technicians etc.) in the Section 4.3 of the MR.	CAR-20	OK
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?	EB93 Report Annex 5 §364b-(iv) VCS Std. Version 4.0	DR	Please see CAR-20.	CAR-20	OK
4.3.5. Have quality assurance and quality control procedures been applied in accordance with the monitoring plan?	EB93 Report Annex 5 §364e VCS Std. Version 4.0	DR	These are in line with the registered PD.	OK	OK
4.3.6. Are the procedures for handling internal	VCS Std. Version 4.0	DR	Please include the procedures, if any, for handling internal auditing	CAR-21	OK

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
auditing and non-conformities described?			and non-conformities described in the Section 4.3 of the MR.		
4.3.7. Where appropriate, are the line diagrams to display the GHG data collection and management system included?	VCS Std. Version 4.0	DR	N/A (This is explained without any diagram).	OK	OK
4.3.8. If the sampling approaches used in the monitoring plan, has the following been included?	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.1. target precision levels	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.2. sample sizes	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.3. sample site locations	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.4. stratification	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.5. frequency of measurement and	VCS Std. Version 4.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.6. QA/QC procedures	VCS Std. Version 4.0	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.	CDM-MR-FORM Version 7.0	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.9. Have the monitoring plan and the applied methodology been properly implemented and followed by the PPs?	EB93 Report Annex 5 §364a VCS Std. Version 4.0	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?	EB93 Report Annex 5 §364b-(i)-(ii)-(iii) VCS Std. Version 4.0	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	EB93 Report Annex 5	DR	The monitoring system is available and in line with the registered PD.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
relevant VCS requirements been sufficiently monitored and updated as applicable?	§364b VCS Std. Version 4.0				
4.3.12. Are monitoring results consistently recorded and stored as per the approved frequency?	EB93 Report Annex 5 §364d VCS Std. Version 4.0	DR	The monitoring system is available and in line with the registered PD.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	a) Please provide all EPIAS screenshots and TEIAS meter readings associated with the monitoring period. b) Please correct ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections and monitoring period duration.	CAR-22	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available in the Excel spreadsheet calculation but please see CAR-22.	CAR-22	OK
5.1.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 7.0	DR	This is available in the Excel spreadsheet calculation.	OK	OK
5.1.4. Have any assumptions used in baseline emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 4.0	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)	EB93 Report Annex 5 §376e VCS Std. Version 4.0	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.2. **Project Emissions**					
5.2.1. Has all the formulae used to calculate the project emissions been provided under section 5.2 of the MR?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	The explanation is available in the Section 5.2 of the MR but please include the power density calculation in the Excel spreadsheet.	CAR-23	OK
5.2.2. Has sample calculations for all formulae used and calculation of project emissions or or actual net GHG removals by sinks, applying actual values been provided under section 5.2 of the MR?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available in the Excel spreadsheet calculation.	OK	OK
5.2.3. Has all electronic spreadsheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 7.0	DR	This is available in the Excel spreadsheet calculation.	OK	OK
5.2.4. Have any assumptions used in project emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 4.0	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 values and other reference values)	EB93 Report Annex 5 §376e VCS Std. Version 4.0	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	The justification for leakage is available under Section 5.3 of the MR.	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	The justification for leakage is available under Section 5.3 of the MR.	OK	OK
5.3.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 7.0	DR	This is available in the Excel spreadsheet calculation.	OK	OK
5.3.4. Have any assumptions used in leakage emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 4.0	DR	N/A (There haven't been any assumptions used).	OK	OK
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)	EB93 Report Annex 5 §376e VCS Std. Version 4.0	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see CAR-22.	CAR-22	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available in the Section 5.4 of the MR.	OK	OK
5.4.3. Has the total leakage emissions during the monitoring period been given under section 5.4 of the MR?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	This is available in the Section 5.4 of the MR.	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?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see CAR-22.	CAR-22	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 higher than one of the following?	EB93 Report Annex 5 §329	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?	EB93 Report Annex 5 §329a	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 of carbon dioxide equivalent per year?	EB93 Report Annex 5 §329b	DR	There hasn't been any material information detected.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	EB93 Report Annex 5 §329c	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?	EB93 Report Annex 5 §329d	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?	EB93 Report Annex 5 §329e	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 information correct and supported by the appropriate evidence?	VCS Std. Version 4.0	DR	Monthly Electricity Generation Data has been provided in Annex-1 of the MR.	OK	OK
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 Std. Version 4.0	DR	Monthly Electricity Generation Data has been provided in Annex-1 of the MR.	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 Std. Version 4.0	DR	Monthly Electricity Generation Data has been provided in Annex-1 of the MR.	OK	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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?	EB93 Report Annex 5 §38 §349	DR	There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report.	OK	OK
7.1.2. If there any remaining FARs from the validation and/or previous verification activities, have the PPs addressed these FARs in the MR?	EB93 Report Annex 5 §38 §349	DR	There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report.	OK	OK
7.1.3. Has the FARs been resolved?	EB93 Report Annex 5 §38 §349 §347d	DR	There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report.	OK	OK

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

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
CAR-1 a) Please 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. b) Please correct the monitoring period considering the start date of crediting period in the registered PD and monitoring period duration. c) Please clarify the VCS version of the project activity.	1	a) In all items in the box at the bottom of the cover page and in all Section, the same text format was used. b) In registered PD, the start date of the crediting period was given as the expected date of commissioning, i.e. 01/10/2013. However, project got its provisional acceptance protocol on 7th of March, 2014 and started operating on 8th of March, 2014. Therefore start date of the crediting period was taken as 8th of March, 2014. For the evidence of this issue, provisional acceptance document is provided as supporting document. c) VCS version of the project activity was clarified. Response to Review-1: b) Required information was provided in the Section 3.2.2 of the MR. c) Current version of VCS throughout the MR was corrected as required.	Review-1: a) Ok Closed (MR has been revised accordingly). b) The crediting period and monitoring period start date has been revised and the relevant evidence has been provided but please also include this issue in the Section 3.2.2 of the MR. c) Please correct the current version of VCS throughout the MR since VCS version 03 is not applicable any more. Review-2: b) Ok Closed (Section 3.2.2 of the MR has been revised accordingly). c) Ok Closed (MR has been revised accordingly).
CAR-2 Please correct the project name in line with the registered PD and validation report.	2.1	Necessary correction was made for the related part of the MR. Response to Review-1: Project name is now in line with the registered PD and validation report in the cover page of MR.	Review-1: Please correct the project name in line with the registered PD and validation report in the cover page of MR. Review-2: Ok Closed (The project name has been revised accordingly).
CAR-3 Please provide the issuance date in DD-Month-YYYY format in the cover page.	2.4	The issuance date was provided in DD-Month-YYYY format in the cover page.	Review-1: Ok Closed (The issuance date of the MR has been corrected in DD-Month-YYYY format in the cover page).

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
CAR-4 The brief summary is available but please see in below: a) Please include the net electricity generation and achieved ER values including the comparison results under Section 1.1 of the MR. b) Please include the current status of the project and please correct the sentences like expected, estimated etc. under Section 1.1 of the MR since the project is already operational.	1.1.1	a) The net electricity generation and achieved ER values including the comparison results were provided under Section 1.1 of the MR. b) Required corrections were made and the sentences like expected, estimated etc. under Section 1.1 of the MR were revised. Response to Review-1: a) Commissioning date was corrected as it was required.	Review-1: a) The net electricity generation and achieved ER values including the comparison results have been included under Section 1.1 of the MR but please correct the commissioning date of the project in the Section 1.1 of the MR. b) Ok Closed (Section 1.1 of the MR has been revised accordingly). Review-2: a) Ok Closed (The commissioning date of the project has been corrected in the Section 1.1 of the MR).
CAR-5 a) Please provide the brief description of the installed technology and equipment including turbine types and models, their brief specifications in the Section 1.1 of the MR and please also provide the reference documents and turbine name plates. b) Please clarify whether there is any dam and/or any new reservoir formation within the context of the project activity in the Section 1.1 of the MR. c) Please clarify the reservoir area details in the Section 1.1 of the MR.	1.1.3	a) A brief description of the installed technology and equipment including turbine types and models, their brief specifications were provided in the Section 1.1 of the MR and please also the reference documents and turbine name plates were provided as well. b) Clarification request was made in the section 1.1 of the MR. c) Details of the reservoir area is already provided in Table 1 of Section 1.1. Response to Review-1: a) Hydraulic Turbine-1 and Hydraulic Turbine-2 are totally same with each other therefore their details are given in the same row. b) c) Necessary reference for all technical data was given as foot note for table-1. Feasibility report was already provided in the previous protocol as a supporting document. Also a separate document for the evidence of reservoir area reference was provided.	Review-1: a) Please provide the Hydraulic Turbine-1 details in the Section 1.1 of the MR and please correct the typo in the Table-2. b) c) Please provide the reservoir area reference evidence document. Review-2: a) Ok Closed (The typo has been corrected and Turbine-1 & Turbine-2 details have been provided in the Section 1.1 of the MR). b) c) Ok Closed (The reservoir area reference document dated as 28/03/2013 has been provided).
CAR-6	1.1.4	a) End date of initial monitoring period was included in	Review-1:

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
a) These have been provided under Section 3.1 of the MR but please include the end date of initial monitoring period. b) Please correct the sentences like expected, estimated etc. and please include exact dates under Section 3.1 of the MR since the project is already operational. c) Please clarify the commissioning date of the project activity along with the relevant evidence.		the required section of the MR. b) The sentences like expected, estimated etc. were revised and exact dates under Section 3.1 of the MR were included. c) The commissioning date of the project activity was proved along with the relevant evidence.	a) Ok Closed (The end date of initial monitoring period has been provided in the Section 3.1 of the MR). b) Ok Closed (Section 3.1 of the MR has been revised accordingly). c) Ok Closed (The commissioning date of the project activity has been clarified along with the relevant evidence).
CAR-7 Please include the full name of the sectoral scope of the project activity in the Section 1.2 of the MR.	1.2.2	Full name of the sectoral scope of the project activity was included in the Section 1.2 of the MR.	Review-1: Ok Closed (The name of the sectoral scope of the project activity has been corrected in the Section 1.2 of the MR).
CAR-8 Please clarify the project proponent of the project activity along with the relevant evidence document since it is different in the registered PD and validation report.	1.3.1	The project proponent of the project activity is now in compliance with registered PD. Response to Review-1: Project proponent name was corrected throughout the MR as Aslancık Elektrik Üretim A.Ş.	Review-1: Please clarify the project proponent name throughout the MR whether it is Aslancık Elektrik Üretim A.Ş or Aslancık Elektrik A.Ş. Review-2: Ok Closed (MR has been revised accordingly).
CAR-9 Please include the reference document information for all provided coordinates considering the current status of the project in Section 1.7 of the MR.	1.7.1	A signed and sealed letter on company letterhead was provided as supporting document for the coordinates. Response to Review-1: For the coordinate of power house there are decimal differences between provided coordinates and coordinates in registered PD. These decimal differences can be caused by different GPS devices. For the coordinate of dam, in registered PD, coordinates of dam axis was given and in the provided document body of them was given. Since the body of dam has trapezoidal shape, it is quite normal that there are small differences between axis and the body. Axis is the top point and the body is the part which is a bit lower than the axis. Consequently, small differences between two	Review-1: Please clarify why the provided coordinates are different from the registered PD. Review-2: Ok Closed (The explanation is deemed as acceptable).

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		documents are resulted from this situation. However, both of the coordinates show that there are from the same location.	
CAR-10 It has been stated that the project hasn't been registered or seeking registration under other GHG programs but please 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.	1.9.1	Required signed and sealed letter on company letterhead was provided. Response to Review-1: Required letter is provided.	Review-1: Please 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. Review-2: Ok Closed (The signed and sealed letter by PP dated as 08/01/2021 has been provided).
CAR-11 It has been stated that the project hasn't created another form of credit but please provide a signed and sealed letter on company letterhead that project hasn't been created other forms of credit (e.g. renewable energy certificates).	1.10.1	Required signed and sealed letter on company letterhead was provided. Response to Review-1: Required letter is provided.	Review-1: Please provide a signed and sealed letter on company letterhead that project hasn't been created other forms of credit (e.g. renewable energy certificates). Review-2: Ok Closed (The signed and sealed letter by PP dated as 08/01/2021 has been provided).
CAR-12 a) Please explain in the Section 1.11 of the MR how the project contributes to achieving any nationally stated sustainable development priorities. b) Please include the actual results of the contributed sustainable development indicators by the project during the monitoring period in the Section 1.11 of the MR.	1.11.1	a) Necessary requirement was explained in the Section 1.11 of the MR b) The actual results of the contributed sustainable development indicators by the project during the monitoring period were included in the Section 1.11 of the MR. Response to Review-1: b) For SDG-8, actual result was provided in the section 1.11 of the MR. SDG-6 was decided to be removed from being SDG target.	Review-1: a) Ok Closed (Section 1.11 of the MR has been revised accordingly). b) Please provide the actual results of the contributed SDG-6 and SDG-8 by the project during the monitoring period in the Section 1.11 of the MR. Review-2: b) Ok Closed (The actual results of contributed SDGs have been provided in the Section 1.11 of the MR).
CAR-13 a) Please clarify whether there is complaint received during the current monitoring period in the Section 2.2	2.2.1.3	a) Required clarification was made in the section 2.2 of the MR. b) The signed document about the contact details of the PP relevant staff in case of any complaint by Aslancık	Review-1: a) Please clarify whether there is complaint received during the current monitoring

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
of the MR. b) Please provide the signed document about the contact details of the PP relevant staff in case of any complaint by Aslancık and Dokuzkonak villages and whether there is any complaint received by the Muhktars from the local stakeholders. c) Please include the current status of the ongoing communication with the local stakeholders instead of the sentences like expected or will be conducted etc. d) Please include all local stakeholder communication details associated with the current monitoring period in the Section 2.2 of the MR.		and Dokuzkonak villages and whether there is any complaint received by the Muhktars from the local stakeholders is provided now. c) Current status of the ongoing communication with stakeholder was included in the section2.2 of the MR. d) All local stakeholder communication details associated with the current monitoring period were given in the Section 2.2 of the MR. Response to Review-1: a) Required clarification was provided in the Section 2.2 of the MR. c) d) Current status of the ongoing communication with the local stakeholders associated with the current MP was given in the last paragraph of the section 2.2 of the MR.	period in the Section 2.2 of the MR. b) Ok Closed (The signed document about the contact details of the PP relevant staff in case of any complaint by Aslancık and Dokuzkonak villages and confirming that there hasn't been any complaint received by the Muhktars from the local stakeholders has been provided). c) d) Please include the current status of the ongoing communication with the local stakeholders associated with the current monitoring period in the Section 2.2 of the MR. (e.g. announcements about the project, handled meetings during the monitoring period etc.) Review-2: a) d) Ok Closed (Section 2.2 of the MR has been revised).
CAR-14 Please clarify in the Section 2.2 of the MR whether there are any updates to the project design or please justify why updates are not appropriate.	2.2.1.5	In section 2.2 of the MR, updates to the project design were clarified briefly. Response to Review-1: Updates to the project and project design were now clarified briefly in the section 2.2 of the MR.	Review-1: Please clarify in the Section 2.2 of the MR whether there are any updates to the project design or please justify why updates are not appropriate. Review-2: Ok Closed (Section 2.2 of the MR has been revised accordingly).
CAR-15 The details of the monitoring system is available and in line with the registered PD but please see in below: a) Please correct the font size in last paragraph of the Section 4.3 of the MR. b) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational. c) Please include the number of employees in the Section	4.3.1	a) Font size in last paragraph of the Section 4.3 of the MR was corrected. b) All sentences like expected or will be applied in the Section 4.3 of the MR were checked and revised accordingly. c) Relevant evidence for the number of employees were provided as a supporting document.	Review-1: a) Please check the font size in the Section 4.3 of the MR since there are still different font sizes in the MR. b) - Please check and correct the inconsistencies in the Section 4.3 of the MR (e.g. the number of meters is different in the first and fourth paragraph and the footnote 59 link is not

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
4.3 of the MR along with the relevant evidence.		Response to Review-1: a) Font size differences in the MR were revised accordingly. b) - Inconsistencies in the Section 4.3 of the MR was checked and revised now. - Irrelevant and unnecessary information in the Section 4.3 of the MR was removed.	accessible). - Please remove the irrelevant and unnecessary information in the Section 4.3 of the MR. c) Ok Closed (The number of employees has been included in the Section 4.3 of the MR and the relevant evidence document has been provided). Review-2: a) b) Ok Closed (Section 4.3 of the MR has been revised accordingly).
CAR-16 Please clarify in the Section 3.1 of the MR whether there are any changes with respect to other entities involved in the project comparing with the registered project.	3.1.9	In the Section 3.1 of the MR, changes with respect to other entities involved in the project comparing with the registered project were revised.	Review-1: Ok Closed (The changes with respect to other entities involved in the project comparing with the registered project have been provided in the Section 3.1 of the MR).
CAR-17 Please include Section 3.3 in the MR and please clarify whether the project is a grouped project activity.	3.3.1	Section 3.3 of the MR was included and whether the project is a grouped project activity or not was clarified.	Review-1: Ok Closed (Section 3.3 of the MR has been included and this issue has been clarified).
CAR-18 a) Please provide the electricity meter details including the accuracy class and model information in the Section 4.2 of the MR. b) Please provide the transformer information for the electricity meters in the Section 4.2 of the MR. c) Please provide the photographic evidences of all electricity meters. d) Please provide the meter test protocols associated with the monitoring period. e) Please clarify if there are any changed electricity meters and if this is within the monitoring period. f) Please check and correct all sentences like expected or will be applied in the Section 4.2 of the MR since the project is already operational.	4.2.7	a) The electricity meter details including the accuracy class and model information were provided in the Section 4.2 of the MR. b) Transformer information for the electricity meters was provided in the Section 4.2 of the MR. c) The photographic evidences of all electricity meters were provided as supporting document. d) The meter test protocols associated with the monitoring period were provided. e) There is no electricity meter change within the monitoring period. f) All sentences like expected or will be applied in the Section 4.2 of the MR were checked and corrected accordingly.	Review-1: a) Ok Closed (The electricity meter details including the accuracy class and model information have been provided in the Section 4.2 of the MR). b) Ok Closed (The transformer information for the electricity meters have been included in the Section 4.2 of the MR). c) Ok Closed (The photographic evidences of all electricity meters have been provided). d) Please provide the initial meter index protocol dated as 23/10/2013 since the sent one is not accessible. e) Ok Closed (The meters information are

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		Response to Review-1: d) Initial meter index protocol dated as 23/10/2013 has been provided now. It is checked and it is accessible now.	the same in the meter test protocols). f) Ok Closed (Section 4.2 of the MR has been revised accordingly). Review-2: d) Ok Closed (The initial meter index protocol dated as 23/10/2013 has been provided).
CAR-19 a) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational. b) Please provide the relevant evidence for the number of employees indicated in the Section 4.3 of the MR.	4.3.1	a) All sentences like expected or will be applied in the Section 4.3 of the MR were checked and corrected accordingly. b) Relevant evidence for the number of employees indicated in the Section 4.3 of the MR was provided.	Review-1: a) Ok Closed (Section 4.3 of the MR has been revised accordingly). b) Ok Closed (The number of employees has been included in the Section 4.3 of the MR and the relevant evidence document has been provided).
CAR-20 Please provide brief information about the roles and responsibilities of each personnel involved in the monitoring process (like project manager, engineers and technicians etc.) in the Section 4.3 of the MR.	4.3.3	A brief information has already provided about the roles and responsibilities of each personnel involved in the monitoring process in the Section 4.3 of the MR. Response to Review-1: Required brief information was provided now in the Section 4.3 of the MR.	Review-1: Please provide brief information about the roles and responsibilities of each personnel involved in the monitoring process in the Section 4.3 of the MR. Review-2: Ok Closed (Section 4.3 of the MR has been revised accordingly).
CAR-21 Please include the procedures, if any, for handling internal auditing and non-conformities described in the Section 4.3 of the MR.	4.3.6	There are no any procedures for handling internal auditing and non-conformities. Response to Review-1: A brief information about the procedures for handling internal auditing and non-conformities was provided in the Section 4.3 of the MR.	Review-1: Please include the procedures, if any, for handling internal auditing and non-conformities described in the Section 4.3 of the MR along with the relevant justification. Review-2: Ok Closed (Section 4.3 of the MR has been revised accordingly to include the procedures for handling internal auditing).
CAR-22 a) Please provide all EPIAS screenshots and TEIAS	5.1.1	a) All EPIAS screenshots and TEIAS meter readings associated with the monitoring period were provided.	Review-1: a) Please clarify the gap between the initial

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
meter readings associated with the monitoring period. b) Please correct ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections and monitoring period duration.		b) If it is meant that the date of the crediting period correction period for the correction of ER and net electricity generation in excel spreadsheet, as its indicated in CAR-1's bullet b, the start date of the crediting period was given as the expected date of commissioning, i.e. 01/10/2013. However, project got its provisional acceptance protocol on 7th of March, 2014 and started operating on 8th of March, 2014. Therefore start date of the crediting period was taken as 8th of March, 2014. For the evidence of this issue, provisional acceptance document is provided as supporting document. Moreover, excel spreadsheet was rechecked for any mistake to correct but no mistakes found. Response to Review-1: a) Sales volumes of carbon credits in 2012 were not as high as they are today, and demand was too low when it is compared with the current situation. For this reason, the profit margin was very low considering the expenses (CD consultancy fee, VVB fee, VERRA fees) due to low sales prices. For this reason, the project owner wanted to perform this verification in this period when credit sales increased by using the verification right granted by VERRA. b) After this capacity increase, renewable electricity generation amount still occurred/occurs lower than estimated electricity generation amount in registered PD. For this reason, the project is still additional. This explanation was also included in Section 3.2.2 of the MR.	verification and validation of the project activity since the validation is completed in 2012 including the ongoing financial need of the project activity in terms of additionality. b) Please clarify the impact of 5MWe capacity increase in terms of additionality in the MR. Review-2: a) b) Ok Closed (The provided explanation is deemed as acceptable).
CAR-23 The explanation is available in the Section 5.2 of the MR but please include the power density calculation in the Excel spreadsheet.	5.2.1	The power density calculation was included in the Excel spreadsheet as well. Response to Review-1:	Review-1: The power density calculation has been provided in the Excel spreadsheet but please provide the reservoir area reference evidence

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		A reference evidence document for the reservoir area was provided.	document. Review-2: Ok Closed (The reservoir area reference document dated as 28/03/2013 has been provided).
CL-1 The project start date is available as 01/03/2014 but please provide the relevant evidence document.	1.5.1	Provisional Acceptance Protocol was provided to prove that Project started operating on 8th of March, 2014.	Review-1: Ok Closed (The evidence document about project's commissioning date has been provided).
CL-2 These are available in the Section 1.6 of the MR but please clarify the total crediting period of the project activity.	1.6.1	The term "total" was added in the section 1.6 of the MR. Response to Review-1: Total crediting period of the project activity is clarified now.	Review-1: Please clarify the total crediting period of the project activity whether it is 10 years, 20 years etc. in the Section 1.6 of the MR. Review-2: Ok Closed (Section 1.6 of the MR has been revised).
CL-3 Please provide the following records: - Waste water storage tank photographic evidences - Waste water transfer and disposal records - Hazardous waste transfer and disposal records - Hazardous and domestic waste storage area photographic evidences - Fish passage photographic evidences, if any, along with the design documents - Life line water official records -The noise assessment report, if any, -The social security records of PP site employees -The training records of PP site employees	2.1.1	All of the required records and documents were provided. Response to Review-1: Required documents are provided now.	Review-1: Please provide the following records: - Waste water storage tank photographic evidences - EIA decision document - Generation licence of the project. Review-2: Ok Closed (The relevant evidence documents have been provided).
CL-4 Please clarify in the Section 3.2.2 of the MR whether there	3.2.2.1	Required clarification was provided in the Section 3.2.2 of the MR.	Review-1: a) Please clarify the project proponent

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
is any change with respect to project ownership and other entities involved in the project comparing with the registered project.		Response to Review-1: a) Project proponent name was clarified as Aslancık Elektrik Üretim A.Ş throughout the MR. b) It was a mistake which was caused by VERRA system. For this issue, a correction request was sent to VERRA and now the given information is in accordance with the project proponent. (https://registry.verra.org/app/projectDetail/VCS/917)	name throughout the MR whether it is Aslancık Elektrik Üretim A.Ş or Aslancık Elektrik A.Ş. b) Please clarify the reference to India in the project proponent information for the project link in VCS registry. Review-2: a) Ok Closed (This has been revised as Aslancık Elektrik Üretim A.Ş.) b) Ok Closed (The project's VCS registry link has been revised).

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

ANNEX 2: VERIFICATION TEAM AND ITR COMPETENCE

Anıl SÖYLER, Bsc. in Environmental Engineering, has completed his Bachelor degree in Middle East Technical University, Turkey. His Master study in the same field is at thesis stage and has totally more than 15 years of professional experience in environmental management, monitoring and auditing, waste and waste water management, environmental and social impact assessment, GHG emission report and projects' validation and verification, environmental reports, and quality management systems. He has been involved in both national and international projects supported by IFC and World Bank. He has been working as Certification Manager in the context of Re Carbon.

Sukanta DAS, has done Msc. in Physics and M. Tech in Energy technology from Tezpur Central University in India. He is a certified lead auditor for ISO 14001 EMS LA. He has more than five years of work experience at TUV NoRD under various categories of projects stating from Renewable to waste to supercritical projects. He was JI/CDM Lead Assessor in TUV NoRD and was involved in more than 80 CDM validation and verifications activities and Gold Standard, VER projects as a team leader/technical reviewer / validator / verifier covering the sectoral scopes 1 and 13. He has been working as a contracted team leader, technical reviewer and renewable energy expert in the context of Re Carbon.

Annex 2-1: Appointment Certificates

Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti. Prof. Dr. Aziz Sancar Cad. 27/6 TR : 06690 Çankaya-Ankara Tel.: 0090-312-287 5122 Fax: 0090-312-287 3373	**Certificate of Appointment**	re-carbon
	Carbon Division	Page: 1/1

This Certificate of Appointment is given to **Mr. Anıl SÖYLER** as a confirmation of compliance with internal qualification requirements as follows:

Clean Development Mechanism				
Validator	**Verifier**	**Team leader**	**Technical reviewer**	**Technical Expert**
08-02-2021	08-02-2021	N/A	N/A	08-02-2021

Verified Carbon Standard, Gold Standard, World Commission on Dams, Social Carbon				
Validator	**Verifier**	**Team leader**	**Technical reviewer**	**Technical Expert**
08-02-2021	08-02-2021	08-02-2021	N/A	08-02-2021

Speciality	Regional (Country) expertise	Financial expertise	Technical area
N/A	Turkey	N/A	1.2 and 13.1

Within the scope and in strict accordance to the appointment indicated above, the bearer can:

1. Participate in the assessments conducted by Re Carbon Ltd.
2. Take the roles within and outside of the assessment team
3. Bring specific expertise to the 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 and 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 the performance assessments and/or other reasons as defined above.

APPOINTMENT IS GRANTED BY			
Mr. Christian JOHANNES	General Manager	08-02-2021	
Name	**Position**	**Date**	**Signature**

R-C-53 / 02.06.2021 - 02

Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti.
Prof. Dr. Aziz Sancar Cad. 27/8
TR / 06690 Çankaya-Ankara
Tel.: 0090-312-287 5122
Fax: 0090-312-287 3373

Certificate of Appointment

Carbon Division

Page: 1/1

This Certificate of Appointment is given to **Mr. Sukanta DAS** as a confirmation of compliance with internal qualification requirements as follows:

Clean Development Mechanism				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
08-02-2021	08-02-2021	08-02-2021	08-02-2021	08-02-2021

Verified Carbon Standard, Gold Standard, World Commission on Dams, Social Carbon				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
08-02-2021	08-02-2021	08-02-2021	08-02-2021	08-02-2021

Speciality	Regional (Country) expertise	Financial expertise	Technical area
N/A	India	N/A	1.1, 1.2 & 13.1

Within the scope and in strict accordance to the appointment indicated above, the bearer can:

1. Participate in the assessments conducted by Re Carbon Ltd.
2. Take the roles within and outside of the assessment team
3. Bring specific expertise to the 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 and 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 the performance assessments and/or other reasons as defined above.

APPOINTMENT IS GRANTED BY			
Mr. Anil SÖYLER	Certification Manager	08-02-2021	
Name	**Position**	**Date**	**Signature**

F4-077 / 01.02.2021-02