



**Verified Carbon
Standard**



EGLENCE I-II HYDROELECTRIC POWER PLANT 1ST VERIFICATION REPORT



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Summary:

The project includes the installation of a runoff river hydroelectric power plant (HEPP) with total installed capacity of 70.98 MWm / 68.65 MWe on Eglence River in Adana city 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 Eglence I HEPP has vertical axis three Francis turbines two of which are having installed capacity of 17.20 MWe each and one is 8.25 MWe and Eglence II HEPP has horizontal axis three Francis turbines two of which are having installed capacity of 10.5 MWe and one is 5 MWe.

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 06 and dated 25/09/2013.

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 13.0, 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 4.1.

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 32 Corrective Action Requests (CARs) and 01 Clarification Request (CL) were raised all of which were resolved by either revising the Monitoring Report or by sending objective evidence to the verification team. There hasn't been any Forward Action Request (FAR) issued during this verification process.

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

Re Carbon Ltd. also confirms the following based on the results of document review for the period between 10 April 2013 and 31 December 2020¹:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2013	8,940	0	0	8,940
2014	57,604	0	0	57,604
2015	97,242	0	0	97,242
2016	54,832	0	0	54,832
2017	109,369	0	0	109,369

¹ The monitoring period is more than 6 years for this project activity in line with the VCS exemption approval letter dated as 10/09/2021.

2018	117,636	0	0	117,636
2019	129,055	0	0	129,055
2020	132,114	0	0	132,114
Total	706,792	0	0	706,792

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1 INTRODUCTION

1.1 Objective

Re Carbon Ltd. has been appointed by “Egenda Ege Enerji Üretim A.Ş.” to perform the initial verification of the “Eglençe I-II Hydroelectric Power Plant” with the service agreement dated 12/02/2021. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 29/09/2021 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 06 and dated 25/09/2013.

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 13.0, 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 4.1.

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

1.4 Summary Description of the Project

Eglençe I-II Hydroelectric Power Plant (HEPP) has been located on Eglençe River in Adana city of Turkey and developed by Egenda Ege Enerji Üretim A.Ş. Eglençe I HEPP has vertical axis three Francis turbines two of which are having installed capacity of 17.20 MWe each and one is 8.25 MWe and Eglençe II HEPP has horizontal axis three Francis turbines two of which are having installed capacity of 10.5 MWe and one is 5 MWe, so it has a total capacity

of 70.98 MWm / 68.65 MWe in line with the electricity generation licence and provisional acceptance protocols 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	Eglence I HEPP: Francis (Three vertical turbines) Eglence II HEPP: Francis (Three horizontal turbines)
Turbine firm	Eglence I HEPP & Eglence II HEPP: Flovel Energy
Rotation	750 r / min (Four turbines) 1000 r / min (Two turbines)
Production year	2012 (Six turbines)
Average flow rate	7 m ³ / s (Four turbines) 3.4 m ³ / s (Two turbines)
Number of turbines	3+3=6
Serial numbers of the turbines	Eglence I HEPP: 1115-05-02 & 1115-05-02 & 1112-06 Eglence II HEPP: 1112-03-01 & 1112-03-02 & 1112-04
Installed capacity of each turbine	Eglence I HEPP: 17.20 MWe (Two turbines) & 8.25 MWe (One turbine) Eglence II HEPP: 10.5 MWe (Two turbines) & 5 MWe (One turbine)

The start date of the project activity is 10/04/2013 which is the date when the project is commissioned and the electricity was first supplied to the grid as verified through the provisional acceptance protocols and the first crediting period is from 10th April 2013 until 09th April 2023 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 “Egenda Ege Enerji Üretim A.Ş.” to perform the initial verification of the “Eglence I-II Hydroelectric Power Plant” with the service agreement dated 12/02/2021. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 29/09/2021 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 06 and dated 25/09/2013.

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 13.0, 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 4.1.

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 26/01/2021 which was submitted to the verification team on 03/02/2021. This monitoring report was revised due to the issued CARs and CLs, version 04 dated 29/09/2021 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD version 06 and dated 25/09/2013, ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 13.0, 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, VCS version 4.1 and the final validation report version 03 dated 07/10/2013.

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	06	25/09/2013
D02	Final Validation Report	03	07/10/2013
D03	ACM0002: Grid-connected Electricity Generation from Renewable Sources	13.0	-
D04	Verification Service Agreement	-	12/02/2021
D05	Monitoring Report	01	26/01/2021
D06	Monitoring Report	02	18/04/2021
D07	Monitoring Report	03	01/07/2021
D08	ER Calculation Excel Sheet	01	26/01/2021
D09	ER Calculation Excel Sheet	02	18/04/2021
D10	ER Calculation Excel Sheet	03	01/07/2021
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	4.1	19/09/2019
D15	VCS Program Guide	4.0	19/09/2019
D16	Exemption Approval Letter by VCS (About the Duration of Monitoring Period To Be More Than 6 Years)	-	10/09/2021
D17	EIA Positive Decision Documents	-	28/07/2010 30/07/2010
D18	Electricity Generation Licence (Last Amendment)	-	25/03/2020
D19	TEIAS Monthly Reading Protocols	-	04/2013- 12/2020
D20	EPIAS Screenshots	-	04/2013- 12/2020
D21	Meters Test Reports	-	03/03/2013 20/04/2013 24/04/2015 16/10/2018 22/05/2021

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D22	Electricity Meters' Photos	-	-
D23	Power Plant Coordinates	-	-
D24	Waste Water Storage Tank Photos	-	-
D25	Waste Water Transfer and Disposal Records	-	01/12/2018 25/06/2019 21/12/2019 14/01/2020 25/11/2020
D26	Hazardous Waste Storage Area Photos	-	-
D27	Hazardous Waste Declaration Forms to Ministry of Environment and Urbanization	-	2016 2017 2018 2019 2020
D28	Domestic Waste Containers' Photos	-	-
D29	Signed Letter by the Etekli Village Head (Mukhtar) (About the Contact Details of PP Relevant Staff In case of Any Complaint)	-	19/08/2021
D30	Letter by the PP (About Double Counting and Renewable Energy Certification (REC))	-	-
D31	Turbines' Nameplates	-	-
D32	Feasibility Reports	-	11/2011
D33	Fish Passage Photos	-	-
D34	Lifeline Water Records	-	2019 2020 2021
D35	Provisional Acceptance Protocols	-	10/04/2013 13/06/2013
D36	Meteorological Records Published by the General Directorate of Meteorology in Turkey (About Annual Areal Precipitation) https://mgm.gov.tr/veridegerlendirme/yillik-toplam-yagis-verileri.aspx	-	-
D37	Noise Assessment Report	-	14/01/2015
D38	Social Security Records for PP Site Employees	-	-

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D39	Training Records	-	18/01/2018 06/02/2018 21/11/2018 08/01/2019 08/07/2020
D40	Site Photos	-	16/03/2021
D41	Monitoring Report	04	29/09/2021
D42	ER Calculation Excel Sheet	04	29/09/2021

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 (remote) verification site visit handled on 16/03/2021 and through Zoom program is given in the Table 2-2 below:

Table 2-2: List of persons interviewed

Reference Number	Means of Interview ²	Full Name	Title	Organization
I01	SV	Haşim Özbezer	Plant Manager	Egenda Ege Enerji Üretim A.Ş.
I02	SV	Merve Aygenç	Consultant	GTE Karbon A.Ş.
I03	SV	Ece Akay Demir	Consultant	GTE Karbon A.Ş.
I04	SV	Ahmet Akkuş	Village Head (Mukhtar)	Etekli Village
I05	SV	Şeref Yılmaz	Villager	Etekli Village
I06	SV	Mehmet Altıntop	Villager	Etekli Village

2.4 Site Inspections

As a part of the verification activities, an online (remote) site visit was performed to the project activity site on 16/03/2021 and through Zoom program, details of which can be seen in the Table 2-3 below:

Table 2-3: Online 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 Etekli Village
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 Etekli 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 Etekli Village
Cross-check between information provided in the monitoring report and data from other	Document review and online site visit

² SV: Online site visit; T: Telephone; E: E-mail

Points Verified	Source of Information
sources such as plant log books, inventories, purchase records or similar data sources	
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 Etekli 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 Etekli 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 06 and dated 25/09/2013
- Assessment of the compliance of the monitoring plan with the relevant methodology ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 13.0
- Assessment of the compliance of monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reduction
- 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 elaborate 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 4.1, 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 32 CARs and 01 CL were issued all of which are listed in the Verification Protocol. There hasn't been any Forward Action Request (FAR) issued during this verification process.

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 16/12/2020 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*
Anil Söyler	Team Leader	☒	☒	☒	A, DR, SV, R
Sandeep Kanda	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, there hasn't been any FARs issued during this 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 letter by PP.

3.2 Methodology Deviations

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

3.3 Project Description Deviations

There haven't been any change on project's capacity, design and characteristics. However, the other entity involved in the project as carbon consultant was GAIA Carbon Finance in the project description. However, it's been changed as GTE Karbon Sürdürülebilir Enerji Eğitim Danışmanlık ve Ticaret A.Ş. at the time of this verification process as indicated in the monitoring report.

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 114,065 tCO₂e and corresponding total estimated amount for the monitoring period is 881,582 tCO₂e. The actual values achieved for the current monitoring period is 706,792 tCO₂e. The actual amount of emission reduction for the current monitoring period is about 20% 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.

According to the official records published by the General Directorate of Meteorology in Turkey, annual areal precipitation in the Mediterranean Region, was also checked and found to be compatible with the net electricity generation figures.³ (Please see the Mediterranean Region (Akdeniz Bölgesi in Turkish) in the provided web link). Therefore, there could be decrease and increase in emission reduction amount throughout the long lifetime of the project activity considering the deviations in annual precipitation amount.

The project also contributes to SDG 7 (Affordable and Clean Energy with 1,270,312.54 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 26 employed staff during the recent year of operation period) and SDG-13 (Climate Action with achieved emission reduction of 706,792 tCO₂e) during the monitoring period.

The project was commissioned on 10/04/2013 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.

³ <https://mgm.gov.tr/veridegerlendirme/yillik-toplam-yagis-verileri.aspx>

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 07/10/2013.

Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 13.0, applied by the project activity.

In line with the methodology and the registered PD, the monitored parameters are quantity of net electricity generation supplied by the project plant to the grid ($E_{g_{facility,y}}$) and installed capacity of the hydro power plant after the implementation of the project activity (CAP_{PJ}) and area of the reservoir (AP_J) as in below:

- $E_{g_{facility,y}}$: The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement centre of TEIAS) records provided to the PP by TEIAS. The net electricity is measured continuously by 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 also available from which daily reports are taken and the data collected daily is saved in plant manager computer and backed up.
- CAP_{PJ} : According to the monitoring plan in the registered PD, the installed capacity of the power plant is monitored supplier information on the equipment and the number of turbines. Eglence I HEPP has vertical axis three Francis turbines two of which are having installed capacity of 17.20 MWe each and one is 8.25 MWe and Eglence II HEPP has horizontal axis three Francis turbines two of which are having installed capacity of 10.5 MWe and one is 5 MWe and so it has a total capacity of 68.65 MWe in line with the electricity generation licence and provisional acceptance protocols. Re Carbon Ltd. hereby confirms that there hasn't been any change regarding the total installed capacity of the project.
- AP_J : According to the monitoring plan in the registered PD, the area of the reservoir is monitored via topographical surveys, maps and satellite pictures. The reservoir area has been checked through the general layout drawing of the project and the reservoir

area is taken as 63,269.84 m² and 14,603.79 m² for Eglence I HEPP and Eglence II HEPP, respectively.

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-24 and CAR-26 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 10 years in line with the relevant legal regulation, 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 03/03/2013, 20/04/2013, 24/04/2015, 16/10/2018 and 22/05/2021, respectively and those test reports were provided to VVB.

The serial number of the currently available main meters (installed on 22/05/2021) is 9798953 (it is EMH model and accuracy class is 0.5s) and 9798955 (it is EMH model and accuracy class is 0.5s) and those of the currently available back up meters is 9798954 (it is EMH model and accuracy class is 0.5s) and 9798956 (it is EMH model and accuracy class is 0.5s), respectively and these have been verified through the electricity meters' photos and meter test protocols. All these meters are bi-directional (meter the energy in two directions – generation and consumption). The serial numbers of dismantled main meters (installed on 10/04/2013 and 13/06/2013) are 65000771 and 65000772 (both are Itron model and accuracy class is 0.5s) and those of back up meters are 65000770 and 65000773 (both are Itron model and accuracy class is 0.5s).

CAR-25 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 documents dated as 28/07/2010 (Eglence I HEPP) and 30/07/2010 (Eglence II HEPP) by the General Directorate of Environment and Urbanization were also provided by the PP.

Besides that, the photos of waste storage areas and the hazardous waste declaration forms submitted to the Ministry of Environment and Urbanization for 2016, 2017, 2018, 2019 and 2020 and waste water transfer and disposal records dated as 01/12/2018, 25/06/2019, 21/12/2019, 14/01/2020 and 25/11/2020 have been provided by the PP. The photographic

evidences of domestic waste containers and fish passage have also been provided to VVB. Similarly, the lifeline water records have also been provided.

4.2.2 Local Stakeholder Consultation

There hadn't been any complaint raised by the interviewed local stakeholders during the online (remote) 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 online 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 signature of Etekli Village Mukhtar (Village Head) and dated as 19/08/2021 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

EPIAŞ records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPIAŞ 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
10/04/2013 - 31/12/2013	Export to Grid: 14,670.17 MWh Import from Grid: 397.59 MWh Net electricity supplied to grid: 14,272.58 MWh	Monthly records EPIAS
01/01/2014 - 31/12/2014	Export to Grid: 104,003.54 MWh Import from Grid: 323.83 MWh Net electricity supplied to grid: 103,679.71 MWh	Monthly records EPIAS
01/01/2015 - 31/12/2015	Export to Grid: 175,478.69 MWh Import from Grid: 455.85 MWh Net electricity supplied to grid:	Monthly records EPIAS

Period	Amount	Compliance Check
	175,022.84 MWh	
01/01/2016 - 31/12/2016	Export to Grid: 99,210.19 MWh Import from Grid: 519.32 MWh Net electricity supplied to grid: 98 MWh	Monthly records EPIAS
01/01/2017 - 31/12/2017	Export to Grid: 197,226.37 MWh Import from Grid: 377.03 MWh Net electricity supplied to grid: 196,849.34 MWh	Monthly records EPIAS
01/01/2018 - 31/12/2018	Export to Grid: 212,085.02 MWh Import from Grid: 356.19 MWh Net electricity supplied to grid: 211,728.83 MWh	Monthly records EPIAS
01/01/2019 - 31/12/2019	Export to Grid: 232,754.96 MWh Import from Grid: 473.38 MWh Net electricity supplied to grid: 232,281.58 MWh	Monthly records EPIAS
01/01/2020 - 31/12/2020	Export to Grid: 45,750.56 MWh Import from Grid: 23.56 MWh Net electricity supplied to grid: 45,726.99 MWh	Monthly records EPIAS
Total	Export to Grid: 238,242.98 MWh Import from Grid: 456.19 MWh Net electricity supplied to grid: 1,270,312.54 MWh	Monthly records EPIAS

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 13.0 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 (tCO₂e/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/m², then $PE_y = 0$. 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} = 63,269.84 m^2 (In line with the provided technical drawing for Eglence I HEPP)

Cap_{PJ} = 42,065,000 W

The power density is calculated as follows for Eglence I HEPP:

$$PD = 42,065,000 / 63,269.84 = 674 \text{ W/m}^2$$

A_{PJ} = 14,603.79 m^2 (In line with the provided technical drawing for Eglence II HEPP)

Cap_{PJ} = 26,000,000 W

Similarly, the power density is calculated as follows for Eglence II HEPP:

$$PD = 26,000,000 / 14,603.79 = 1,780 \text{ W/m}^2$$

As the power density is higher than $10W/m^2$ for both Eglence I HEPP and Eglence II HEPP, 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 CO₂/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 CO₂ 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" (tCO₂ / 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 CO₂ 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 0.5556 tCO₂ / 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 881,582 tCO₂e corresponding to the monitoring period. However, the project in operation totally reached 706,792 tCO₂e 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 ₂ e)
10/04/2013 - 31/12/2013	8,940
01/01/2014 - 31/12/2014	57,604
01/01/2015 - 31/12/2015	97,242
01/01/2016 - 31/12/2016	54,832
01/01/2017 - 31/12/2017	109,369
01/01/2018 - 31/12/2018	117,636
01/01/2019 - 31/12/2019	129,055
01/01/2020 - 31/12/2020	132,114

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

CAR-28, CAR-29 and CAR-30 were 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 13.0 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 07/10/2013, the combined margin emission factor had been validated and will remain the same for the first crediting period of 10 years as 0.5556 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 “Eglençe I-II Hydroelectric Power Plant” which is a project with the VCS registry reference number “1221” for the period between 10 April 2013 and 31 December 2020. The scope of the activities cover the verification and certification of GHG emissions reductions reported in monitoring report version 04 dated 29/09/2021.

GTE Karbon Sürdürülebilir Enerji Eğitim Danışmanlık ve Ticaret A.Ş. 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 GTE Karbon Sürdürülebilir Enerji Eğitim Danışmanlık ve Ticaret A.Ş. 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 04.

The verification has been performed by a verification team consisting of “Anıl Söyler as team leader and Sandeep Kanda 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 4.1.

Re Carbon Ltd. hereby confirms that the project activity “Eglençe I-II Hydroelectric Power Plant” in Turkey is implemented in accordance with the validated and registered PD version 06 and dated 25/09/2013. 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 13.0. It is also confirmed that the level of assurance of this verification report is reasonable.

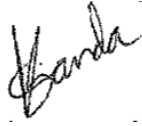
Re Carbon Ltd. confirms the following based on the results of document review for the period between 10 April 2013 and 31 December 2020:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2013	8,940	0	0	8,940
2014	57,604	0	0	57,604
2015	97,242	0	0	97,242
2016	54,832	0	0	54,832
2017	109,369	0	0	109,369
2018	117,636	0	0	117,636

2019	129,055	0	0	129,055
2020	132,114	0	0	132,114
Total	706,792	0	0	706,792



Anıl SÖYLER
Team Leader
30/09/2021



Sandeep KANDA
ITR
30/09/2021



Anıl SÖYLER
Certification Manager
30/09/2021

ANNEX 1: VERIFICATION PROTOCOL

Table 1 – VCS Monitoring Report (MR) Form Requirements

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

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	Arial 10.5 pt has been used in the MR.	OK	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	This is available as Eglençe I-II Hydroelectric Power Plant as in the registered PD and VCS registry.	OK	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	Please include the report ID of the document in the cover page of the MR.	CAR-1	OK
2.4. The issuance date of the document in DD-Month-YYYY format?	VCS Std. Version 4.0	DR	This is available as 26/01/2021 in the initial version of the MR.	OK	OK
2.5. VCS project database ID, if registered	VCS Std. Version 4.0	DR	This is available as 1221.	OK	OK
2.6. Monitoring period in DD-Month-YYYY to DD-Month-YYYY format	VCS Std. Version 4.0	DR	Please correct the monitoring period end date considering the maximum monitoring period duration.	CAR-2	OK
2.7. Individual or entity that prepared the document?	VCS Std. Version 4.0	DR	This is available as GTE but please include the complete company name in the cover page of the MR.	CAR-3	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
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	The latest available template has been used.	OK	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

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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	a) The brief summary is available but please include the net electricity generation and achieved ER values including the comparison results with the expected values under Section 1.1 of the MR. b) Please indicate the installed total capacity of the project as both MWm and MWe under Section 1.1 of the MR.	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	Please include the purpose of the project activity under Section 1.1 of the MR.	CAR-5	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 models, serial numbers and 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 within the context of the project activity in the Section 1.1 of the MR.	CAR-6	OK
1.1.4. Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under Section 1.1 of the MR?	VCS Std. Version 4.0 CDM-MR-FORM Version 7.0	DR	These have been provided under Section 1.1 of the MR but please see CAR-2.	CAR-2	OK
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 include the comparison of achieved ER results with the expected values in the ER Calculation Excel spreadsheet.	CAR-7	OK
1.2. Sectoral Scope and Project Type					

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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 indicate the sectoral scope name fully in the Section 1.2 of the MR.	CAR-8	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	a) Please use the table format available in the Section 1.3 of the MR template. b) Please clarify if the project proponent is the same with the registered PD.	CAR-9	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	Please clarify if the GTE Karbon is project proponent in this project.	CL-1	OK
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 10/04/2013 in the Section 1.5 of the MR along with the justification for the mentioned start date.	OK	OK
1.6. Project Crediting Period					
1.6.1. Is the total crediting period including the day,	VCS Std. Version 4.0	DR	Please indicate the day, month and year for the start and end dates and the total number of years and crediting period type.	CAR-10	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
month and year for the start and end dates and the total number of years indicated?					
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-11	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
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 but please correct the font size in the Section 1.8 of the MR.	CAR-12	OK
1.9. Participation under Other Programs					
1.9.1. Has it been indicated whether the project has been registered or seeking registration	VCS Std. Version 4.0	DR	It has been indicated that the project hasn't been registered or seeking registration under other GHG programs in the Section 1.9 of the MR but the signed and sealed letter on company letterhead	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
under any other GHG programs?			confirming about the project hasn't been registered, or hasn't been seeking registration under any other GHG programs hasn't been provided.		
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	Please see CAR-13.	CAR-13	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	Please see CAR-13.	CAR-13	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 indicated that the project has created another form of credit (e.g. renewable energy certificates) in the Section 1.10 of the MR but the signed and sealed letter on company letterhead confirming about the project hasn't been created other forms of credit (e.g. renewable energy certificates) hasn't been provided.	CAR-14	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 PPs provided evidence on the following?	VCS Std. Version 4.0	DR	Please see CAR-14.	CAR-14	OK
1.10.2.1. the reductions or removals generated by the project have or will not be used for compliance under such program(s) or mechanism(s)	VCS Std. Version 4.0	DR	Please see CAR-14.	CAR-14	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	Please see CAR-14.	CAR-14	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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	Please see CAR-14.	CAR-14	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	Please see CAR-14.	CAR-14	
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 clearly explain the contribution of the project to each relevant SDG in the Section 1.11 of the MR. 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-15	OK
2. SAFEGUARDS					
2.1. No Net Harm					
2.1.1. Has it been summarized by PPs any potential negative environmental and socio-economic impacts of the project activity and the steps taken to mitigate them?	VCS Std. Version 4.0	DR	a) Please explain if there is any potential negative environmental and socio-economic impacts along with the relevant justification in the Section 2.1 of the MR. b) Please provide the following records: <ul style="list-style-type: none"> - Waste water storage tank photographic evidences - Hazardous and domestic waste storage area photographic evidences - Official hazardous waste transfer and disposal records - Waste water transfer and disposal records - Fish passage photographic evidences, if any, along with the design documents - Life line water official records signed by State Hydraulic Works 	CAR-16	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			<ul style="list-style-type: none"> -The noise assessment report, if any - The initial EIA decision documents of the project 		

*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. 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	Please explain clearly the procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) in the Section 2.2 of the MR.	CAR-17	OK
2.2.1.2. The procedures or methods used for documenting the outcomes of the local stakeholder communication	VCS Std. Version 4.0		Please explain clearly the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2 of the MR.	CAR-18	OK
2.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification	VCS Std. Version 4.0		<ul style="list-style-type: none"> 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 Adıgüzeller village and whether there is any complaint received by the Muhktar 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. 	CAR-19	OK
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-19.	CAR-19	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-20	OK
3. IMPLEMENTATION STATUS					
3.1. Implementation Status of The Project Activity					

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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	The description of the project activity has been provided in the Section 1.1 of the MR.	OK	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 1.1 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	This has been provided as 10/04/2013.	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 comply with the registered PD and/or an approved revised PD??	EB93 Report Annex 5 §357a	DR	The actual project activity and its operation complies with the registered PD.	OK	OK
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-21	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. 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	a) Please delete the unnecessary section numbers like 3.1 and 3.2 under the Section 3.2 of the MR. b) Please also clarify in the Section 3.2.2 of the MR whether there are any changes with respect to other entities involved in the project comparing with the registered project.	CAR-22	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 CAR-22.	CAR-22	OK
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 CAR-22.	CAR-22	OK
3.2.2.4. Is the outcome of the deviation from the project description provided?	VCS Std. Version 4.0	DR	Please see CAR-22.	CAR-22	OK
3.3. Grouped Projects					
3.3.1. Is this a grouped project?	VCS Std. Version 4.0	DR	N/A (The project isn't a grouped project).	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
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	a) 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 but please correct the value applied row. b) Please include EFgrid,CMY parameter under Section 4.1 of the MR.	CAR-23	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	Please see CAR-23.	CAR-23	OK
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	Please see CAR-23.	CAR-23	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	Please see CAR-23.	CAR-23	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
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, A _{pj} and Cap _{pj, y} are the monitored parameters 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, A _{pj} and Cap _{pj, y} are the monitored parameters 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 units are 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 monitored values of the monitoring parameter been indicated?	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	These have been indicated but please provide the evidence reference evidence document for AP _j parameter. Please also see CAR-2.	CAR-24 CAR-2	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	QA/QC procedures have been indicated in the Section 4.2 of the MR.	OK	OK
4.2.8. In the data/parameter tables provided under section 4.2 of the MR, for each data has the	CDM-MR-FORM Version 7.0	DR	The purpose of data/parameters has been provided.	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
• purpose of data been given?	VCS Std. Version 4.0				
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	a) Please include the meter test and calibration dates of the electricity meters. b) Please provide the electricity meter change details, if any, in the Section 4.2 of the MR. c) Please provide electricity meter change protocols, if any. d) Please provide the photographic evidences of electricity meters. e) Please include the accuracy class information and serial numbers of the meters in the Section 4.2 of the MR. f) Please include the calibration frequency in the Section 4.2 of the MR. g) Please include the person/entity responsible for the calibration in the Section 4.2 of the MR. h) Please include any standards or protocols or regulation to be followed for the calibration of the meters in the Section 4.2 of the MR.	CAR-25	OK
4.2.10.2. The person/entity responsible for the measurement	VCS Std. Version 4.0	DR	Please see option g of CAR-25.	CAR-25	OK
4.2.10.3. Any standards or protocols to be followed	VCS Std. Version 4.0	DR	Please see option h of CAR-25.	CAR-25	OK
4.2.10.4. Calibration frequency	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see option f of CAR-25.	CAR-25	OK

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.10.5. Serial number	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR, SV	Please see option e of CAR-25.	CAR-25	OK
4.2.10.6. Calibration date	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see option a of CAR-25.	CAR-25	OK
4.2.10.7. Validity of the calibration	CDM-MR-FORM Version 7.0 VCS Std. Version 4.0	DR	Please see option f of CAR-25.	CAR-25	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	Please see option f of CAR-25.	CAR-25	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	Please see option f of CAR-25.	CAR-25	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	EB93 Report Annex 5	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
claimed emission reductions conducted by the PPs at a frequency specified in the applied monitoring methodology and/or the monitoring plan?	§374 VCS Std. Version 4.0				
4.2.16. Has the calibration been delayed and has the calibration been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period?	EB93 Report Annex 5 §369 VCS Std. Version 4.0	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.17. If the calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, are one of the following approaches adopted 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

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.18.1. 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 scheduled date of calibration and the actual date of calibration?	EB93 Report Annex 5 §370b VCS Std. Version 4.0	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
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, A _{Pj} and Cap _{Pj, y} are the monitored parameters 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, A _{Pj} and Cap _{Pj, y} are the monitored parameters 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
4.3. Monitoring Plan					
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 include the number of employees in the Section 4.3 of the MR along with the relevant evidence.	CAR-26	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 Annex 4 §259 VCS Std.	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
	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	The brief information about the roles and responsibilities of each personnel (like project manager, engineers and technicians etc.) has been provided in the Section 4.3 of the MR.	OK	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	The brief information about the roles and responsibilities of each personnel (like project manager and technicians etc.) has been provided in the Section 4.3 of the MR.	OK	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 auditing and non-conformities described?	VCS Std. Version 4.0	DR	Please include the procedures, if any, for handling internal auditing and non-conformities described in the Section 4.3 of the MR.	CAR-27	OK
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

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

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.8. 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 relevant VCS requirements been sufficiently monitored and updated as applicable?	EB93 Report Annex 5 §364b VCS Std. Version 4.0	DR	The monitoring system is available and in line with the registered PD.	OK	OK
4.3.12. Are monitoring results consistently recorded and stored as per the approved frequency?	EB93 Report Annex 5 §364d VCS Std.	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
	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
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 correct the monitoring period end date considering the maximum monitoring period duration. b) Please take the monitoring period start date into consideration for the ER calculations since it starts at 10/04/2013. c) Please include all consumption details in the Excel spreadsheet as available in EPIAS screenshots. d) Please include the vintage based comparison of expected and achieved ER values in the MR and Excel spreadsheet. e) Please include the net electricity generation and achieved ER values including the comparison results with the expected values under Section 1.1 of the MR. f) Please correct the ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections. g) Please clarify the gap between the validation and initial verification of the project activity since the validation is completed in 2013 including the ongoing financial need of the project activity in terms of additionality.	CAR-28	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-28.	CAR-28	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	EB93 Report Annex 5	DR	N/A (The grid emission factor has been calculated and determined	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
factors used for the baseline emission calculations in line with the good guidance practices? (e.g. IPCC default values and other reference values)	§376e VCS Std. Version 4.0		during the validation process).		
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	This is available but please include the power density calculation in the Section 5.2 of the MR and Excel spreadsheet.	CAR-29	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	Please include the justification for why leakage is taken as zero in the Section 5.3 of the MR.	CAR-30	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	This is available in the Excel spreadsheet calculation.	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-28.	CAR-28	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-28.	CAR-28	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	EB93 Report Annex 5 §329b	DR	There hasn't been any material information detected.	OK	OK

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
equivalent per year?					
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	N/A (There hasn't been any appendices provided in 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	N/A (There hasn't been any appendices provided in 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	N/A (There hasn't been any appendices provided in the MR).	OK	OK

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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 VVB 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 VVB 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 VVB during the validation process in line with the provided validation report.	OK	OK

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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
<p>CAR-1 Please include the report ID of the document in the cover page of the MR.</p>	2.3	<p>Version and Report ID revised. Response to Review – 1: Revised.</p>	<p>Review-1: Please correct the version number in the cover page of the MR. Review-2: Ok Closed (The cover page of the MR has been revised accordingly).</p>
<p>CAR-2 Please correct the monitoring period end date considering the maximum monitoring period duration.</p>	2.6	<p>PP wanted to verify the ER between 10/04/2013 – 31/12/2020. Preparation of documents lasted some time. Response to Review - 1: Monitoring period deviation request has been sent to VCS.</p>	<p>Review-1: Please correct the monitoring period end date considering the maximum monitoring period duration. Review-2: Ok Closed (The exemption letter about the monitoring period duration by Verra and dated as 10/09/2021 has been provided).</p>
<p>CAR-3 This is available as GTE but please include the complete company name in the cover page of the MR.</p>	2.7	Name has been revised on cover page.	<p>Review-1: Ok Closed (The cover page of the MR has been revised accordingly).</p>
<p>CAR-4 a) The brief summary is available but please include the net electricity generation and achieved ER values including the comparison results with the expected values under Section 1.1 of the MR. b) Please indicate the installed total capacity of the project as both MWm and Mwe under Section 1.1 of the MR.</p>	1.1.1	<p>a) Estimated and achieved amounts have been added to Section 1.1. b) Installed capacity revised in Section 1.1. Response to Review - 1: a) Comparison added.</p>	<p>Review-1: a) Please include the comparison calculation for the achieved and expected values in the Excel spreadsheet. b) Ok Closed (Section 1.1 of the MR has been revised accordingly). Review-2: a) Ok Closed (The comparison calculation has been included in the Excel spreadsheet).</p>
CAR-5	1.1.2	Purpose of the project activity has been added to	Review-1:

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
Please include the purpose of the project activity under Section 1.1 of the MR.		Section 1.1.	Ok Closed (Section 1.1 of the MR has been revised accordingly).
CAR-6 a) Please provide the brief description of the installed technology and equipment including turbine models, serial numbers and 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 within the context of the project activity in the Section 1.1 of the MR.	1.1.3	a) Turbine info provided. Eğlence I-II HEPP power plant is river type power plants and cascade is working. The water coming from the recreational stream is kept in the Entertainment I HEPP regulator and delivered to the Entertainment I HEPP loading pool through T1-T2 tunnels. Here, the water waiting as potential energy is taken to the power plants by means of a penstock and first converted into kinetic energy and then mechanical energy with the rotation of the turbine and electrical energy through the generator. The turbine water in the Eğlence I HEPP is taken to the Eğlence II HEPP forebay through a transmission channel and tunnel. In the next process, it is as in E1. b) In Section 1.1. it is already stated that the project is run-off-river type hydropower plant. There is no dam. Response to Review – 1: a) Now included in Section 1.1. b) Added to Section 1.1.	Review-1: a) Please include the turbine models, serial numbers and their brief specifications and mentioned details in the response in the Section 1.1 of the MR. b) Please clarify whether there is any dam within the context of the project activity in the Section 1.1 of the MR. Review-2: a) Ok Closed (The brief description of the installed technology and equipment including turbine models, serial numbers and their brief specifications have been included in the Section 1.1 of the MR and the turbine nameplates and provisional acceptance protocols have been provided as the reference documents). b) Ok Closed (Section 1.1 of the MR has been revised accordingly).
CAR-7 Please include the comparison of achieved ER results with the expected values in the ER Calculation Excel spreadsheet.	1.1.5	Comparison for ER and EG have been added to the excel sheet. Response to Review – 1: Comparison added to excel sheet.	Review-1: Please include the comparison of achieved ER results with the expected values in the ER Calculation Excel spreadsheet. Review-2: Ok Closed (The comparison calculation has been included in the Excel spreadsheet).
CAR-8 Please indicate the sectoral scope name fully in the Section 1.2 of the MR.	1.2.2	Revised.	Review-1: Ok Closed (Section 1.2 of the MR has been revised accordingly).
CAR-9 a) Please use the table format available in the Section 1.3 of the MR template.	1.3.1	a) Tables revised. b) Project owner is the same but the consultant has	Review-1: a) Ok Closed (Section 1.3 of the MR has been revised accordingly).

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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
b) Please clarify if the project proponent is the same with the registered PD.		been changed as GTE. Response to Review-1: b) The carbon consultant has been changed from GAIA to GTE. It is already stated in Section 3.2.2. c) Section 1.4.revised.	b) Please clarify if the project proponent is the same with the registered PD. c) Please clarify if there any other entities involved in the project (e.g. GTE Karbon) in the Section 1.4 of the MR. Review-2: a) Ok Closed (Section 1.3 of the MR has been revised accordingly). b) Ok Closed (Section 1.4 of the MR has been revised accordingly).
CAR-10 Please indicate the day, month and year for the start and end dates and the total number of years and crediting period type in the Section 1.6 of the MR.	1.6.1	Section 1.6. revised. Response to Review – 1: The project should be renewable twice but in PD, it is stated once. Section 1.6 revised as twice.	Review-1: Please clarify whether the crediting period renewable once or twice in the Section 1.6 of the MR since the project is registered under VCS version 03. Review-2: Ok Closed (Section 1.6 of the MR has been revised accordingly).
CAR-11 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	Coordinates are revised according to the feasibility report, executive summary part. It is again shared with DOE. Response to Review – 1: Revised.	Review-1: Please correct Eglence II HEPP coordinates in Section 1.7 of the MR. Review-2: Ok Closed (Section 1.7 of the MR has been revised accordingly).
CAR-12 The version numbers of the referred tools have been provided but please correct the font size in the Section 1.8 of the MR.	1.8.2.2	Corrected.	Review-1: Ok Closed (Section 1.8 of the MR has been revised accordingly).
CAR-13 It has been indicated that the project hasn't been registered or seeking registration under other GHG programs in the Section 1.9 of the MR but the signed and sealed letter on company letterhead confirming about the project hasn't been registered, or hasn't been seeking registration under	1.9.1	Provided.	Review-1: Ok Closed (The signed and sealed letter by PP has been provided).

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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
any other GHG programs hasn't been provided.			
CAR-14 It has been indicated that the project has created another form of credit (e.g. renewable energy certificates) in the Section 1.10 of the MR but the signed and sealed letter on company letterhead confirming about the project hasn't been created other forms of credit (e.g. renewable energy certificates) hasn't been provided.	1.10.1	Provided.	Review-1: Ok Closed (The signed and sealed letter by PP has been provided).
CAR-15 a) Please clearly explain the contribution of the project to each relevant SDG in the Section 1.11 of the MR. 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) Contribution to SDGs added to Section 1.11. b) The contributions are quantified. Response to Review - 1: Monitoring period deviation request has been sent to VCS.	Review-1: a) b) Please correct the net electricity generation and emission reduction values considering the maximum monitoring period duration. Review-2: Ok Closed (The exemption letter about the monitoring period duration by Verra and dated as 10/09/2021 has been provided).
CAR-16 a) Please explain if there is any potential negative environmental and socio-economic impacts along with the relevant justification in the Section 2.1 of the MR. b) Please provide the following records: - Waste water storage tank photographic evidences - Hazardous and domestic waste storage area photographic evidences - Official hazardous waste transfer and disposal records - Waste water transfer and disposal records - Fish passage photographic evidences, if any, along with the design documents - Life line water official records signed by State Hydraulic Works -The noise assessment report, if any	2.1.1	a) MR Section 2.1 revised. b) - Photos provided. - Photos provided. - Records provided. - Records provided. - Photos provided. - DSI records provided. - Noise reports provided. - Initial EIA decision provided. Response to Review – 1: a)Waste management, lifeline water and noise assessment have been mentioned. b) - Those documents are obtained and kept as they are	Review-1: a) Please include the waste management practices in the Section 2.1 of the MR. b) - Ok Closed (The waste water storage tank photographic evidences have been provided). c) Ok Closed (The hazardous waste and domestic waste storage area photographic evidences have been provided). d) Ok Closed (2016, 2017, 2018, 2019 and 2020 hazardous waste declaration forms submitted to Ministry of Environment and Urbanization have been provided). e) Ok Closed (01/12/2018, 17/12/2019, 25/11/2019, 21/12/2019, 14/01/2020, 01/12/2020, 07/12/2020 dated waste

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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
<p>- The initial EIA decision documents of the project</p>		<p>submitted. They are taken from the gauge stations directly and submitted like this in many other projects.</p> <p>- Please see Noise (e-mail). PNG in the attachments. The report is not in soft copy, yet the related conclusion part is shared before. In the high decibel areas, the workers use ear protection apparatus.</p>	<p>water transfer and disposal records have been provided).</p> <p>f) Ok Closed (Fish passage photographic evidences have been provided).</p> <p>g) Please provide the life line water official records signed and approved by State Hydraulic Works.</p> <p>h) Please provide the complete noise assessment report since the provided document is only one page.</p> <p>i) Ok Closed (EIA positive decision documents have been provided).</p> <p>Review-2:</p> <p>a) Ok Closed (Section 2.1 of the MR has been revised accordingly. Besides that, EIA positive decision documents dated as 28/07/2010 and 30/07/2010 have been provided).</p> <p>g) Ok Closed (Lifeline water records for 2019 and 2020 have been provided).</p> <p>h) Ok Closed (Ok Closed (The personal noise exposure report dated as 14/01/2015 has been provided).</p>
<p>CAR-17</p> <p>Please explain clearly the procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) in the Section 2.2 of the MR.</p>	<p>2.2.1.1</p>	<p>Added.</p> <p>Response to Review – 1:</p> <p>All relevant info has already been given in Section 2.2.</p>	<p>Review-1:</p> <p>Please also include the details about the communication with the local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) during the whole monitoring period in the Section 2.2 of the MR in addition to the online verification site visit.</p> <p>Review-2:</p> <p>Ok Closed (Section 2.2 of the MR has been revised accordingly and the methods for engaging the local stakeholders during the</p>

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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
CAR-18 Please explain clearly the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2 of the MR.	2.2.1.2	Added. Response to Review – 1: All relevant info has already been given in Section 2.2.	monitoring period have been included). Please also include the details about the communication with the local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) during the whole monitoring period in the Section 2.2 of the MR in addition to the online verification site visit. Review-2: Ok Closed (It has been confirmed in the Section 2.2 of the MR that there hasn't been any complaint during the monitoring period and there hasn't been any complaint by the interviewed local stakeholders during the online verification site visit, either).
CAR-19 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 Etekli village and whether there is any complaint received by the Muhktar 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.	2.2.1.3	a) There is no grievance received in this MP. An explanation is added to Section 2.2. b) There is no complaint received so far. As mentioned before, people prefer face-to-face communication. They can call mukhtar in case of any comment/grievance c) Current status is mentioned. d) Please see Section 2.2. Response to Review – 1 : a) It is already stated. b) Provided.	Review-1: a) Please clarify explicitly 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 Etekli village and whether there is any complaint received by the Muhktar from the local stakeholders. c) d) Ok Closed (Section 2.2 of the MR has been revised accordingly). Review-2: a) Ok Closed (It has been confirmed in the Section 2.2 of the MR that there hasn't been any complaint during the monitoring period and there hasn't been any complaint by the interviewed local stakeholders during the online verification site visit).

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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
			b) Ok Closed (The signed letter by Etekli Village Mukhtar (Head) dated as 19/08/2021 about the contact details of PP relevant staff in case of any complaint has been provided. It has also been confirmed in the Section 2.2 of the MR that there hasn't been any complaint during the monitoring period).
CAR-20 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	There is no update or design change related to the project.	Review-1: Ok Closed (Section 2.2 of the MR has been revised and it is confirmed that there is no update to the project design).
CAR-21 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	Project consultant has been changed from GAIA to GTE. An explanation has been added. Response to review – 1: a) It is now clearly stated in Section 1.4. b) GTE name is corrected throughout MR. c) Corrected.	Review-1: a) Please clarify the role of GTE Karbon whether it is PP or consultant in the MR since GTE name is not available in the generation licence or any other legal document as PP. b) Please include the GTE company name consistently and fully throughout the MR. c) Please correct the crediting period end date in the Section 3.1 of the MR. Review-2: a) b) c) Ok Closed (MR has been revised accordingly).
CAR-22 a) Please delete the unnecessary section numbers like 3.1 and 3.2 under the Section 3.2 MR. b) Please also clarify in the Section 3.2.2 of the MR whether there are any changes with respect to other entities involved in the project comparing with the registered project.	3.2.2.1	a) The numbers are correct. b) The same explanation is added (as 3.1.9) Response to review – 1: b) GTE name is corrected throughout MR. Date is now given in Section 3.2.2.	Review-1: a) Ok Closed (Section numbers have been revised). b) - Please include the GTE company name consistently and fully throughout the MR. - Please clarify the timing of mentioned change in the Section 3.2.2 of the MR. Review-2:

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
			b) Ok Closed (MR has been revised accordingly).
CAR-23 a) 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 but please correct the value applied row. b) Please include Egrid,Cmy parameter under Section 4.1 of the MR.	4.1.1	a) This comment does not make any sense. b) All ex-ante parameters have already been mentioned in the MR according to the registered PD. Response to Review – 1: a) Values are added except FCiy, parameter. The value is not explicitly stated in PD though. b) Included in the MR.	Review-1: a) 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 but please correct the value applied row since this part is relevant with the registered PD. b) Please include parameter under Section 4.1 of the MR since this parameter are fixed during the initial crediting period. Review-2: a) b) Ok Closed (Section 4.1 of the MR has been revised accordingly).
CAR-24 Please provide the evidence reference evidence document for AP _J parameter.	4.2.6	AP _J values are revised according to GPS data provided before.	Review-1: The values in the provided documents don't match with the value in the registered PD, validation report and Section 4.2 of the MR.
CAR-25 a) Please include the meter test and calibration dates of the electricity meters. b) Please provide the electricity meter change details, if any, in the Section 4.2 of the MR. c) Please provide electricity meter change protocols, if any. d) Please provide the photographic evidences of electricity meters. e) Please include the accuracy class information and serial numbers of the meters in the Section 4.2 of the MR. f) Please include the calibration frequency in the Section 4.2 of the MR. g) Please include the person/entity responsible for the calibration in the Section 4.2 of the MR.	4.2.10.1	All of them provided in Section 4.2 and 4.3. Response to Review – 1: a) They were submitted in the first round. - Test dates of the meters are added to EG facility, y parameter. b) There is no change in electricity meters. c) There is no change in electricity meters. d) Photos provided. e) It is already tabulated. f) -It is now given. -Corrected. - Eglence I is given. h) Please see footnote 3.	Review-1: a) - Please provide the other meter test protocols for the monitoring period. - Please include the same details in the Section 4.2 of the MR considering the whole monitoring period. b) Please provide the electricity meter change details, if any, in the Section 4.2 of the MR. c) Please provide electricity meter change protocols, if any. d) Please provide the photographic evidences of all electricity meters separately with the serial numbers and other details in a visible manner. e) Please include the accuracy class

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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
h) Please include any standards or protocols or regulation to be followed for the calibration of the meters in the Section 4.2 of the MR.			information and serial numbers of the meters in the Section 4.2 of the MR. f) - Please provide the relevant reference for the mentioned calibration frequency in the Section 4.2 of the MR. - Please correct the sentence "The meters should also comply with EPDK regulations which define the accuracy class of the meters as 0.2 or 0.5 depending on the capacity of the circuit." Since the project is operational and the accuracy class of the meters is available. - There is only reference to Eçlence II HEPP in the Table-4. g) Ok Closed (TEIAS as the entity responsible for the calibration has been provided in the Section 4.2 of the MR). h) Please include any specific standards or protocols or regulation to be followed for the calibration of the meters in the Section 4.2 of the MR. Review-2: a)
CAR-26 The details of the monitoring system is available and in line with the registered PD but please include the number of employees in the Section 4.3 of the MR along with the relevant evidence.	4.3.1	26 people have been employed. The statement is added to Section 4.3. SGK records are provided.	Review-1: Ok Closed (Section 4.3 of the MR has been revised accordingly).
CAR-27 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	None Response to Review – 1: For internal auditing, TEIAS is in charge. Project owner is not responsible for any audit related to electricity meters, etc. In case of any problem with them, teams from TEIAS handle the issue.	Review-1: Please include the procedures, if any, for handling internal auditing and non-conformities described or the justification about non-availability of such procedures in the Section 4.3 of the MR. Review-2: Ok Closed (Section 4.3 of the MR has been

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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
CAR-28 a) Please correct the monitoring period end date considering the maximum monitoring period duration. b) Please take the monitoring period start date into consideration for the ER calculations since it starts at 10/04/2013. c) Please include all consumption details in the Excel spreadsheet as available in EPIAS screenshots. d) Please include the vintage based comparison of expected and achieved ER values in the MR and Excel spreadsheet. e) Please include the net electricity generation and achieved ER values including the comparison results with the expected values under Section 1.1 of the MR. f) Please correct the ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections. g) Please clarify the gap between the validation and initial verification of the project activity since the validation is completed in 2013 including the ongoing financial need of the project activity in terms of additionality.	5.1.1	a) PP wanted to verify the ER between 10/04/2013 – 31/12/2020. b) The value is correlated for 10 days of the month. c) We could not understand the comment. d) Done e) Done f) Corrected g) The crediting period of the project is determined as 10 years according to the VSC rules. The same rule also accepts ex-ante calculations as valid for 10 years. Response to review – 1: a) Monitoring period deviation request has been sent to VCS. c) Generation and consumption values are given as 2 decimals in MR now. d) e) f) Monitoring period deviation request has been sent to VCS. - Excel has now comparison. g) The electricity generation in hydropower plants are quite dependable to the natural and climatic conditions. As can be seen from the calculations, the project has generated 20% less electricity than expected. Therefore, the project owner needs the revenue obtained from this VCS project.	revised accordingly). Review-1: a) Please correct the monitoring period end date considering the maximum monitoring period duration. b) Ok Closed (Excel spreadsheet has been revised accordingly). c) Please provide all electricity generation and consumption values as two decimals. d) The comparison has been provided but please correct the monitoring period end date considering the maximum monitoring period duration and please revise the relevant calculations accordingly. - Please provide the comparison calculation in the Excel spreadsheet. e) The net electricity generation and achieved ER values have been provided under Section 1.1 of the MR but please correct the monitoring period end date considering the maximum monitoring period duration. f) Please correct the ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections. g) Please clarify the gap between the validation and initial verification of the project activity since the validation is completed in 2013 including the ongoing financial need of the project activity in terms of additionality. Review-2: a) d) Ok Closed (The exemption letter about

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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
			<p>the monitoring period duration by Verra and dated as 10/09/2021 has been provided).</p> <p>c) Ok Closed (MR and Excel spreadsheet has been revised accordingly).</p> <p>d) - Ok Closed (The exemption letter about the monitoring period duration by Verra and dated as 10/09/2021 has been provided).</p> <p>- Ok Closed (The comparison calculation has been included in the Excel spreadsheet).</p> <p>e) f) Ok Closed (The exemption letter about the monitoring period duration by Verra and dated as 10/09/2021 has been provided).</p> <p>g) Ok Closed (The provided explanation is deemed as acceptable).</p>
<p>CAR-29 Please include the power density calculation in the Section 5.2 of the MR and Excel spreadsheet.</p>	<p>5.2.1</p>	<p>Response to Review – 1: Power density calculation is included now.</p>	<p>Review-1: Please include the power density calculation in the Section 5.2 of the MR and Excel spreadsheet.</p> <p>Review-2: Ok Closed (Section 5.2 of the MR and Excel spreadsheet have been revised accordingly).</p>
<p>CAR-30 Please include the justification for why leakage is taken as zero in the Section 5.3 of the MR.</p>	<p>5.3.1</p>	<p>The approved PD takes project emissions as zero. Please see the explanation on page 11 of PD. “Potential leakage emissions in the context of power sector projects are emissions that arise from the project activities such as power plant construction, fuel handling and land inundation. According to ACM0002 / Version 10, such emissions do not need to be taken into account.”</p> <p>Response to Review – 1: Section 5.3 revised.</p>	<p>Review-1: Please include the justification for why leakage is taken as zero in the Section 5.3 of the MR.</p> <p>Review-2: Ok Closed ((Section 5.3 of the MR has been revised accordingly).</p>

* 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
CAR-31 (Issued during ITR stage) a) The reasons for the difference between TEIAS readings and EPIAS records should be clarified. b) The reason for the calculation for April 2013 value is to be clarified in the Excel spreadsheet.	5.1.1	a) There is a slight difference between the overall numbers in EPIAS and site records due to numeric round overs in EPIAS records. This always happen in almost all projects. b) An explanation has been added to the cell.	Review-1: a) Ok Closed (This is deemed as normal since this is due to the number rounding in the EPIAS records through the relevant EPIAS system and EPIAS records are basis for the invoice and main data source. Besides that, the difference is around %0.12 which is negligible). b) Ok Closed (Excel spreadsheet has been revised accordingly).
CAR-32 (Issued during ITR stage) Please correct the commissioning date of Eglence I HEPP and include the initial meter test details of Eglence I HEPP in the Section 4.3 of the MR.	4.2.10.1	The commissioning means not the power plant but the meters. Therefore, the meter commissioning date in Eglence I HEPP was 20/04/2013 as stated in the pals test report.	Review-1: Ok Closed (Section 4.3 of the MR has been revised accordingly).
CL-1 Please clarify if the GTE Karbon is project proponent in this project.	1.4.1	Yes, it is. Section 1.3 also has GTE's info. Response to review- 1: a) GTE name is now corrected throughout MR. b) Explained in Section 1.4. and also 3.2.2.	Review-1: a) Please include the GTE company name consistently and fully throughout the MR. b) Please clarify explicitly in the MR whether GTE Karbon is project proponent or other entity involved in the project since GTE name is not available in the generation licence or any other legal document as PP. Review-2: a) Ok Closed (MR has been revised accordingly). b) Ok Closed (Section 1.4 of the MR has been revised accordingly).


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ANNEX 2: VERIFICATION TEAM AND ITR COMPETENCE

Anil 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 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.

Sandeep KANDA holds a degree in Mechanical Engineering, Masters in Energy systems engineering from Indian Institute of Technology – Bombay and Post Graduate Diploma in Industrial Safety & Environmental Management from National Institute of Industrial Engineering in India. He has more than ten years of work experience with auditing and consultancy firms, seven years thereof with Designated Operational Entities under the CDM. He is experienced working on diversified areas of energy and environmental management, including policies, Clean Development Mechanism (CDM), Corporate Sustainability Reporting (CSR) Audits, energy audits, utility audits and product development. As CDM auditor and technical reviewer for TÜV Süd, he has audited more than 30 CDM projects as technical reviewer; 40 projects as lead auditor and 7 PoAs in various capacities; covering a broad range of sectoral scopes, such as Energy industries (renewable - / non-renewable sources), Energy distribution, Energy demand, Manufacturing industries, Chemical industries, Transport, Metal production, Waste handling & disposal and Agriculture. He has been working as a contracted team leader, technical reviewer, TA 1.1 and renewable energy expert in the context of Re Carbon.

Annex 2-1: Appointment Certificates

Re-Carbon Güzeltim, Denetim ve Belgelendirme Ltd. Şti. Prof. Dr. Aziz Sancar Cad. 27/6 TR : 06850 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. Anil 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 canceled 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	

R-C-19 / 21.01.2020 - 02



Re Carbon Bèzetim Denetim ve Belgelendirme Ltd. Şti. Prof. Dr. Aziz Sancar Cad. 27/3 TR / 06690 Çankaya Ankara Tel: 0380-312-287 5122 Fax: 0380-312-287 3373	Certificate of Appointment	 Page: 1/1
	Carbon Division	

This Certificate of Appointment is given to **Mr. Sandeep KANDA** 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, Vietnam, Nepal and Turkey	N/A	1.1, 1.2, 2.1, 3.1, 4.1, 8.1, 8.2, 13.1, 13.2 & 15.1

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

RC-001 / 01.05.2021 - 01

