



**Verified Carbon  
Standard**

# ADIGUZEL II HYDROELECTRIC POWER PLANT 1<sup>ST</sup> VERIFICATION REPORT



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

|                      |                                       |
|----------------------|---------------------------------------|
| <b>Project Title</b> | Adiguzel II Hydroelectric Power Plant |
| <b>Version</b>       | 02                                    |
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|                      |                                                                                                                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Report Title</b>  | Adiguzel II Hydroelectric Power Plant 1 <sup>st</sup> Verification Report                                                                                                                            |
| <b>Client</b>        | Peker Enerji A.Ş.                                                                                                                                                                                    |
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|                     | Mr. Anıl SÖYLER                                                                   | N/A                                                                                |

### Summary:

The project includes the installation of a runoff river hydroelectric power plant (HEPP) with an installed capacity of 31.01 MWm / 30.09 MWe on Büyük Menderes River in Denizli 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 it includes the installation of vertical axis two Francis turbines with the installed capacity of 15.05 MWe each.

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 07 and dated 08/04/2015.

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 15.0, 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 17 Corrective Action Requests (CARs) and 03 Clarification Requests (CLs) were raised all of which were resolved by either revising the Monitoring Report or by sending objective evidence to the verification team.

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

Re Carbon Ltd. also confirms the following based on the results of document review for the period between 24 January 2015 and 30 September 2020:

| Year         | Baseline emissions or removals (tCO <sub>2</sub> e) | Project emissions or removals (tCO <sub>2</sub> e) | Leakage emissions (tCO <sub>2</sub> e) | Net GHG emission reductions or removals (tCO <sub>2</sub> e) |
|--------------|-----------------------------------------------------|----------------------------------------------------|----------------------------------------|--------------------------------------------------------------|
| 2015         | 31,208                                              | 0                                                  | 0                                      | 31,208                                                       |
| 2016         | 41,083                                              | 0                                                  | 0                                      | 41,083                                                       |
| 2017         | 30,294                                              | 0                                                  | 0                                      | 30,294                                                       |
| 2018         | 21,506                                              | 0                                                  | 0                                      | 21,506                                                       |
| 2019         | 22,219                                              | 0                                                  | 0                                      | 22,219                                                       |
| 2020         | 19,702                                              | 0                                                  | 0                                      | 19,702                                                       |
| <b>Total</b> | <b>166,012</b>                                      | <b>0</b>                                           | <b>0</b>                               | <b>166,012</b>                                               |

## TABLE OF CONTENTS

|          |                                              |           |
|----------|----------------------------------------------|-----------|
| <b>1</b> | <b>Introduction .....</b>                    | <b>6</b>  |
| 1.1      | Objective .....                              | 6         |
| 1.2      | Scope and Criteria.....                      | 6         |
| 1.3      | Level of Assurance .....                     | 6         |
| 1.4      | Summary Description of the Project .....     | 6         |
| <b>2</b> | <b>Verification Process .....</b>            | <b>7</b>  |
| 2.1      | Method and Criteria .....                    | 7         |
| 2.2      | Document Review.....                         | 8         |
| 2.3      | Interviews .....                             | 11        |
| 2.4      | Site Inspections .....                       | 11        |
| 2.5      | Resolution of Findings.....                  | 12        |
| 2.5.1    | Forward Action Requests.....                 | 15        |
| 2.6      | Eligibility for Validation Activities .....  | 16        |
| <b>3</b> | <b>Validation Findings.....</b>              | <b>17</b> |
| 3.1      | Participation under Other GHG Programs ..... | 17        |
| 3.2      | Methodology Deviations .....                 | 17        |
| 3.3      | Project Description Deviations .....         | 17        |
| 3.4      | Grouped Project .....                        | 17        |
| <b>4</b> | <b>Verification Findings.....</b>            | <b>18</b> |
| 4.1      | Project Implementation Status .....          | 18        |
| 4.2      | Safeguards .....                             | 20        |

|          |                                                                            |           |
|----------|----------------------------------------------------------------------------|-----------|
| 4.2.1    | No Net Harm.....                                                           | 20        |
| 4.2.2    | Local Stakeholder Consultation .....                                       | 20        |
| 4.3      | AFOLU-Specific Safeguards .....                                            | 20        |
| 4.4      | Accuracy of GHG Emission Reduction or Removal Calculations.....            | 21        |
| 4.5      | Quality of Evidence to Determine GHG Emission Reductions or Removals ..... | 24        |
| 4.6      | Non-Permanence Risk Analysis.....                                          | 24        |
| <b>5</b> | <b>Verification Conclusion .....</b>                                       | <b>25</b> |
|          | <b>Annex 1: Verification Protocol .....</b>                                | <b>27</b> |
|          | <b>Annex 2: Verification Team And ITR Competence .....</b>                 | <b>62</b> |
|          | <b>Annex 2-1: Appointment Certificates .....</b>                           | <b>63</b> |

# 1 INTRODUCTION

## 1.1 Objective

Re Carbon Ltd. has been appointed by “Peker Enerji A.Ş.” to perform the initial verification of the “Adiguzel II Hydroelectric Power Plant” with the service agreement dated 14/09/2020. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 01/05/2021 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 07 and dated 08/04/2015.

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 15.0, 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

Adiguzel II Hydroelectric Power Plant has been located on Büyük Menderes River in Denizli city of Turkey and developed by Peker Enerji A.Ş. The project has vertical axis two Francis turbines with the installed capacity of 15.05 MWe each turbine, so it has a total capacity of 31.01 MWm /

30.09 MWe in line with the electricity generation licence and provisional acceptance protocol and the project also supports the sustainable economic development in the region.

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

**Table 1:** Technical specifications of the project

| Component                          | Property                  |
|------------------------------------|---------------------------|
| Turbine type                       | Francis                   |
| Turbine firm                       | Zhejiang Orient           |
| Rotation                           | 300 r / min               |
| Production year                    | 2013                      |
| Average flow rate                  | 33 m <sup>3</sup> / s     |
| Number of turbines                 | 2                         |
| Serial numbers of the turbines     | 13ORIENT001 & 13ORIENT002 |
| Installed capacity of each turbine | 15.05 MWe                 |

The start date of the project activity is 24/01/2015 which the date when the project is commissioned and the electricity was first supplied to the grid as verified through the provisional acceptance protocol and the first crediting period is from 24<sup>th</sup> of January 2015 until 23<sup>rd</sup> of January 2025 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 “Peker Enerji A.Ş.” to perform the initial verification of the “Adiguzel II Hydroelectric Power Plant” with the service agreement dated 14/09/2020. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 01/05/2021 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 07 and dated 08/04/2015.

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 15.0, 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 06/10/2020 which was submitted to the verification team on the same date. This monitoring report was revised due to the issued CARs and CLs, version 04 dated 01/05/2021 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD version 07 and dated 08/04/2015, ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 15.0, the relevant CDM and VCS rules and regulations including CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.1 and the final validation report version 1.3Aa dated 15/04/2015.

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 | 07      | 08/04/2015        |



| Document Number | Document Name                                                         | Version | Date (dd/mm/yyyy)                                                  |
|-----------------|-----------------------------------------------------------------------|---------|--------------------------------------------------------------------|
| D02             | Final Validation Report                                               | 1.3Aa   | 15/04/2015                                                         |
| D03             | ACM0002: Grid-connected Electricity Generation from Renewable Sources | 15.0    | -                                                                  |
| D04             | Verification Service Agreement                                        | -       | 14/09/2020                                                         |
| D05             | Monitoring Report                                                     | 01      | 06/10/2020                                                         |
| D06             | Monitoring Report                                                     | 02      | 25/12/2020                                                         |
| D07             | Monitoring Report                                                     | 03      | 10/03/2021                                                         |
| D08             | Monitoring Report                                                     | 04      | 01/05/2021                                                         |
| D09             | ER Calculation Excel Sheet                                            | 01      | 06/10/2020                                                         |
| D10             | ER Calculation Excel Sheet                                            | 02      | 25/12/2020                                                         |
| D11             | ER Calculation Excel Sheet                                            | 03      | 10/03/2021                                                         |
| D12             | ER Calculation Excel Sheet                                            | 04      | 01/05/2021                                                         |
| D13             | CDM Validation and Verification Standard For Project Activities       | 2.0     | 29/11/2018                                                         |
| D14             | CDM Project Standard For Project Activities                           | 2.0     | 29/11/2018                                                         |
| D15             | CDM Project Cycle Procedure For Project Activities                    | 2.0     | 29/11/2018                                                         |
| D16             | VCS Standard                                                          | 4.0     | 19/09/2019                                                         |
| D17             | VCS Program Guide                                                     | 4.0     | 19/09/2019                                                         |
| D18             | EIA Positive Decision                                                 | -       | 31/01/2012                                                         |
| D19             | Electricity Generation Licence (Last Amendment)                       | -       | 30/05/2019                                                         |
| D20             | TEIAS Monthly Reading Protocols                                       | -       | 01/2015-09/2020                                                    |
| D21             | EPIAS Screenshots                                                     |         | 01/2015-09/2020                                                    |
| D22             | Meters Test Reports                                                   | -       | 08/12/2015<br>18/10/2016<br>11/10/2017<br>26/11/2018<br>16/09/2020 |
| D23             | Electricity Meters Photos                                             | -       | -                                                                  |
| D24             | Power Plant Coordinates                                               | -       | -                                                                  |
| D25             | Waste Water Storage Tank Photos                                       | -       | -                                                                  |

| Document Number | Document Name                                                                                                                     | Version | Date (dd/mm/yyyy)                                                                      |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------|
| D26             | Hazardous Waste Storage Area Photos                                                                                               | -       | -                                                                                      |
| D27             | Fish Passage Photos                                                                                                               | -       | -                                                                                      |
| D28             | Turbine Brochure                                                                                                                  | -       | -                                                                                      |
| D29             | Signed Letter by the Adıgüzeller Village Head (Mukhtar) (About the Contact Details of PP Relevant Staff In case of Any Complaint) | -       | 23/12/2020                                                                             |
| D30             | Noise Assessment Report                                                                                                           | -       | 18/08/2020                                                                             |
| D31             | Letter by the PP (About Double Counting and Renewable Energy Certification (REC))                                                 | -       | 10/09/2020                                                                             |
| D32             | Provisional Acceptance Protocol                                                                                                   | -       | 24/01/2015                                                                             |
| D33             | Life Line Water Records (Signed by State Hydraulic Works)                                                                         | -       | 2020                                                                                   |
| D34             | Single Line Diagram                                                                                                               | -       | 30/05/2012                                                                             |
| D35             | Social Security Rords for PP Site Employees                                                                                       | -       | -                                                                                      |
| D36             | Training Records                                                                                                                  | -       | 13/08/2019<br>25/09/2019<br>18/10/2019<br>08/11/2019<br>29-30/06/2020<br>01-02/07/2020 |
| D37             | Signed Letter by PP (About Proper Disposal of Domestic Waste by Güney Municipality)                                               | -       | 26/02/2015                                                                             |
| D38             | Hazardous Waste Record                                                                                                            | -       | 26/04/2021                                                                             |
| D39             | Waste Water Transfer and Disposal Records                                                                                         | -       | 01/06/2015<br>28/05/2016<br>21/06/2019                                                 |
| D40             | Site Visit Photos                                                                                                                 | -       | 30/11/2020                                                                             |

## 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 verification site visit handled on 30/11/2020 is given in the Table 2-2 below:

**Table 2-2:** List of persons interviewed

| Reference Number | Means of Interview <sup>1</sup> | Full Name         | Title                          | Organization        |
|------------------|---------------------------------|-------------------|--------------------------------|---------------------|
| I01              | SV                              | Yücel Şenol Özmen | Plant Manager                  | Peker Enerji A.Ş.   |
| I02              | SV                              | Barış Kesmezoğlu  | Electricity Technician         | Peker Enerji A.Ş.   |
| I03              | SV                              | Mert Alkan        | Electricity Technician (Local) | Peker Enerji A.Ş.   |
| I04              | SV                              | Özkan Adıgüzel    | Maintenance Staff (Local)      | Peker Enerji A.Ş.   |
| I05              | SV                              | Gamze Karaca      | Consultant                     | Peker Enerji A.Ş.   |
| I06              | SV                              | Onur Palaz        | Village Head (Mukhtar)         | Adıgüzeller Village |

## 2.4 Site Inspections

As a part of the verification activities, a site visit was performed to the project activity site on 30/11/2020, details of which can be seen in the Table 2-3 below:

**Table 2-3:** Site visit details

| Points Verified                                                                                                                                                    | Source of Information                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Implementation and operation of the proposed VCS project activity as per the registered PD                                                                         | Document review, site visit and interviews |
| Review of information flows for generating, aggregating and reporting the monitoring parameters                                                                    | Document review, site visit and interviews |
| 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                                 |

<sup>1</sup> SV: Site visit; T: Telephone; E: E-mail

| Points Verified                                                                                                                                                              | Source of Information                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Cross-check between information provided in the monitoring report and data from other sources such as plant log books, inventories, purchase records or similar data sources | Document review and site visit             |
| Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PD and the selected methodology | Document review, site visit and interviews |
| 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             |

## 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 07 and dated 08/04/2015
- Assessment of the compliance of the monitoring plan with the relevant methodology ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 15.0
- Assessment of the compliance of monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the verification report
- Independent technical review
- Approval of the verification report and request of issuance

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

The Verification Protocol consists of two tables:

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

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

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

| Question                                                             | Reference                                                                               | MoV*                                                                                                                                                      | Findings, comments, references and document sources                                                                                                                                            | Draft & Final Conclusion                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The requirements related with the monitoring report and verification | Gives reference to the legislation or documents where the relevant requirement is found | Explains how conformance with question is investigated. Examples of means of verification are Document Review (DR), Interview (I) and Not Applicable (NA) | Is used to 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

| <b>Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team</b> | <b>Ref. to Questions in Table-1</b>                                            | <b>Summary of Project Participants' Response</b>                                          | <b>Verification Team Conclusion</b>                                      |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 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 17 CARs and 03 CLs were issued all of which are listed in the Verification Protocol. There hasn't been any FARs issued during the verification.

The appointment process of the verification team takes into account the technical area(s), sectoral scope(s), and relevant host country experience required amongst team members for the verification of the emission reductions achieved by the project activity in the relevant monitoring period for this verification. The relevant VCS verification and previous ITR experiences are also assessed during the selection of the team members and Independent Technical Reviewer (ITR), respectively. The verification team and ITR are assigned to this verification activity on 28/08/2020 taking all the above factors into consideration and as a result of the contract review process.

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

**Table 2-6:** Verification team and ITR details

| Name        | Role        | Host Country Experience             | Scope Coverage                      | Technical Expertise                 | Involvement* |
|-------------|-------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------|
| Anıl Söyler | Team Leader | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | A, DR, SV, R |
| Sukanta Das | ITR         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ITR          |

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

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

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

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

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

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

### 2.5.1 Forward Action Requests

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

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

## 2.6 Eligibility for Validation Activities

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



## 3 VALIDATION FINDINGS

### 3.1 Participation under Other GHG Programs

The project does not participate under any emission trading program and other GHG Programs including renewable energy certificates (RECs) and this is also confirmed by the PP through the signed and sealed letters by PP dated as 23/12/2020.

### 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 Gaia Climate Ltd. 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 44,741 tCO<sub>2</sub>e and corresponding total estimated amount for the monitoring period is 254,472 tCO<sub>2</sub>e. The actual values achieved for the current monitoring period is 166,012 tCO<sub>2</sub>e. The actual amount of emission reduction for the current monitoring period is about 35% less than the estimated emission reduction amount. However, the difference is due to the annual changes and deviations in the precipitation regime and so as in the water flow. Besides that, the difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PD.

The project also contributes to SDG 7 (Affordable and Clean Energy with 263,933.35 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 9 employed staff during the recent year of operation period) and SDG-13 (Climate Action with achieved emission reduction of 166,012 tCO<sub>2</sub>e) during the monitoring period.

The project was commissioned on 24/01/2015 which was verified by the provisional acceptance protocol. The project activity does not consist of more than one site and does not have any phased implementation.

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

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

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

#### **Remaining Issues from Validation or Previous Verifications**

There hasn't been any issued Forward Action Requests (FARs) from the validation stage in line with the provided validation report version 1.3Aa dated as 15/04/2015.

### **Compliance of the Monitoring Plan with the Monitoring Methodology**

The monitoring plan is in accordance with the approved methodology, ACM0002 version 15.0, 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 (Eg<sub>facility,y</sub>), installed capacity of the hydro power plant after the implementation of the project activity (CAP<sub>PJ</sub>) and area of the reservoir (AP<sub>J</sub>) as in below:

- **Eg<sub>facility,y</sub> parameter:** The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement centre of TEIAS) records provided to the PP by TEIAS. The net electricity is measured continuously by two main electricity meters at the grid interface and recorded monthly. There are also two back up electricity meters. That means, the electricity generation and consumption values have been determined through the summation of the measured values of two main meters and checked through two back up meters. All readings and billings are done via EPIAS system which is the legal database of the Ministry. During this verification, all EPIAS and TEIAS meter reading records have been reviewed by the verification team. The project mainly uses its own electricity however during the times when there is no generation, the project imports electricity from the grid. There are also internal reviews of the metered data which is checked by different parties. SCADA system is also available from which daily reports are taken and the data collected daily is saved in plant manager computer and backed up.
- **CAP<sub>PJ</sub>:** 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. The project has two vertical axis Francis turbines with 15.05 MWe power capacity each, so it has a total capacity of 30.09 MWe in line with the electricity generation licence and provisional acceptance protocol. Re Carbon Ltd. hereby confirms that there hasn't been any change regarding the total installed capacity of the project.
- **AP<sub>J</sub>:** 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 875,264.111 m<sup>2</sup> accordingly.

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-14 and CAR-15 were issued regarding the monitoring and they had been closed out as detailed in Annex-1.

### **Compliance with the Calibration Frequency Requirements for Measuring Instruments:**

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

The calibrated electricity meters were installed as per the regulations. Although, re-calibration is required after ten years, nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS (grid company) responsible are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the meters. The tests for the meters were performed on 08/12/2015, 18/10/2016, 11/10/2017, 26/11/2018 and 16/09/2020, respectively and those test reports were provided to VVB.

The serial number of the main meter (it is EMH model and accuracy class is C-1s) is 9202719 and that of back up meter (it is Itron model and accuracy class is C-1s) is 65006598, respectively and these have been verified through the electricity meter photos and meter test protocols. All these meters are bi-directional (meter the energy in two directions – generation and consumption).

CAR-13 was issued regarding the calibration and meter testing and this CAR had been closed as detailed in Annex-1.

## 4.2 Safeguards

### 4.2.1 No Net Harm

There hadn't been any observed significant environmental impact of the project activity as indicated in the registered PD and this was also confirmed through the reviewed documents. The EIA positive decision dated as 31/01/2012 by the General Directorate of Environment and Urbanization was also provided by the PP.

Besides that, the photos of waste storage areas and the sample hazardous waste records dated as 26/04/2021 and waste water transfer and disposal records dated as 01/06/2015, 28/05/2016 and 21/06/2019 have been provided by the PP. The photographic evidences of fish passage and official signed 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 verification site visit as detailed in Section 2.3.

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

- Noise due to the project activity
- Impact on the aquatic life where the project had been constructed
- Sufficiency of local employment (The interviewed local stakeholders were pleased about the provided local employment opportunities by the PP)
- Waste management practices implemented by PP

It was also concluded that the grievance mechanism is in place and this was also confirmed by the interviewed local stakeholders during the site visit. The documents showing the contact details of the relevant person within PP with the signature of Adıgüzeller Village Mukhtar (Village Head) and dated as 23/12/2020 were also provided to VVB.

### 4.3 AFOLU-Specific Safeguards

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

### 4.4 Accuracy of GHG Emission Reduction or Removal Calculations

EPIAS records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPIAS records as the main source and crosschecked with 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      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------|
| 24/01/2015-31/12/2015 | Export to Grid: 49,672.46MWh<br>Import from Grid: 57.10 MWh<br>Net electricity supplied to grid: 49,615.35 MWh     | Monthly records EPIAS |
| 01/01/2016-31/12/2016 | Export to Grid: 65,347.25 MWh<br>Import from Grid: 31.68 MWh<br>Net electricity supplied to grid: 65,315.57 MWh    | Monthly records EPIAS |
| 01/01/2017-31/12/2017 | Export to Grid: 48,166.91 MWh<br>Import from Grid: 4.09 MWh<br>Net electricity supplied to grid: 48,162.82 MWh     | Monthly records EPIAS |
| 01/01/2018-31/12/2018 | Export to Grid: 34,193.86 MWh<br>Import from Grid: 2.30 MWh<br>Net electricity supplied to grid: 34,191.56 MWh     | Monthly records EPIAS |
| 01/01/2019-31/12/2019 | Export to Grid: 35,328.43 MWh<br>Import from Grid: 3.91 MWh<br>Net electricity supplied to grid: 35,324.52 MWh     | Monthly records EPIAS |
| 01/01/2020-30/09/2020 | Export to Grid: 31,326.37 MWh<br>Import from Grid: 2.85 MWh<br>Net electricity supplied to grid: 31,323.53 MWh     | Monthly records EPIAS |
| Total                 | Export to Grid: 264,035.28 MWh<br>Import from Grid: 101.94 MWh<br>Net electricity supplied to grid: 263,933.35 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 15.0 and the registered PD, the GHG emission reductions are calculated as follows:

$$ER_y = BE_y - PE_y$$

Where:

$ER_y$  = Emission reductions in year  $y$  (tCO<sub>2</sub>e/yr)

$BE_y$  = Baseline emissions in year  $y$  (tCO<sub>2</sub>e/yr)

$PE_y$  = Project emissions in year  $y$  (tCO<sub>2</sub>e/yr)

According to the applied methodology, for hydropower plants if the power density of the reservoir is higher than 10 W/m<sup>2</sup>, 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<sup>2</sup>)

$Cap_{PJ}$  = 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<sup>2</sup>)

$A_{BL}$  = 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<sup>2</sup>). 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.

$A_{PJ} = 875,264.111 \text{ m}^2$  (according to the provided PD of the project)

$Cap_{PJ} = 30,096,000 \text{ W}$

The power density is calculated as follows:

$$PD = 30,096,000 / 875,264.111 = 34.385 \text{ W/m}^2$$

As the power density is higher than 10W/m<sup>2</sup>, the project emissions of the project are equal to zero. Therefore, the emission reductions generated during the monitoring period are equal to baseline emissions.

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

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

Where;

$BE_y$  = Baseline emissions in year  $y$  (t CO<sub>2</sub>/y)

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

$EF_{grid,CM,y}$  = Combined margin CO<sub>2</sub> emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO<sub>2</sub> / MWh)

Since the project is a greenfield renewable power plant:

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

Combined margin CO<sub>2</sub> 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 0.629 tCO<sub>2</sub> / 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 254,472 tCO<sub>2</sub>e corresponding to the monitoring period. However, the project in operation totally reached 166,012 tCO<sub>2</sub>e 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 <sub>2</sub> e) |
|-------------------------|------------------------------------------|
| 24/01/2015 – 31/12/2015 | 31,208                                   |
| 01/01/2016 – 31/12/2016 | 41,083                                   |
| 01/01/2017– 31/12/2017  | 30,294                                   |
| 01/01/2018– 31/12/2018  | 21,506                                   |
| 01/01/2019 – 31/12/2019 | 22,219                                   |
| 01/01/2020 – 30/09/2020 | 19,702                                   |

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

CAR-16 and CAR-17 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 15.0 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 1.3Aa dated 15/04/2015, the combined margin emission factor had been validated and will remain the same for the first crediting period of 10 years as 0.629 tCO<sub>2</sub>/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 “Adiguzel II Hydroelectric Power Plant” which is a project with the VCS registry reference number “1427” for the period between 24 January 2015 and 30 September 2020. The scope of the activities cover the verification and certification of GHG emissions reductions reported in monitoring report version 04 dated 01/05/2021.

Gaia Climate Ltd. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project monitoring plan indicated in the registered PD. The development and maintenance of the records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of both Gaia Climate Ltd. and the management of the project. The development and maintenance of the records and the related monitoring procedures are in accordance with the monitoring report version 04.

The verification has been performed by a verification team consisting of “Anıl Söyler as team leader and Sukanta Das as ITR” and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and VCS Organization, CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 4.1.

Re Carbon Ltd. hereby confirms that the project activity “Adiguzel II Hydroelectric Power Plant” in Turkey is implemented in accordance with the validated and registered PD version 07 and dated 08/04/2015. 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 15.0. 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 24 January 2015 and 30 September 2020:

| Year         | Baseline emissions or removals (tCO <sub>2</sub> e) | Project emissions or removals (tCO <sub>2</sub> e) | Leakage emissions (tCO <sub>2</sub> e) | Net GHG emission reductions or removals (tCO <sub>2</sub> e) |
|--------------|-----------------------------------------------------|----------------------------------------------------|----------------------------------------|--------------------------------------------------------------|
| 2015         | 31,208                                              | 0                                                  | 0                                      | 31,208                                                       |
| 2016         | 41,083                                              | 0                                                  | 0                                      | 41,083                                                       |
| 2017         | 30,294                                              | 0                                                  | 0                                      | 30,294                                                       |
| 2018         | 21,506                                              | 0                                                  | 0                                      | 21,506                                                       |
| 2019         | 22,219                                              | 0                                                  | 0                                      | 22,219                                                       |
| 2020         | 19,702                                              | 0                                                  | 0                                      | 19,702                                                       |
| <b>Total</b> | <b>166,012</b>                                      | <b>0</b>                                           | <b>0</b>                               | <b>166,012</b>                                               |



Anıl SÖYLER  
Team Leader  
05/07/2021



Sukanta Das  
ITR  
05/07/2021



Anıl SOYLER  
Certification Manager  
05/07/2021

# ANNEX 1: VERIFICATION PROTOCOL

**Table 1 – VCS Monitoring Report (MR) Form Requirements**

| Question                                                                                                                     | Reference            | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Draft opinion | Final opinion |
|------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>Cover Page and General Requirements</b>                                                                                   |                      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |               |
| 1. Are all items in the box at the bottom of the cover page completed using Arial 10.5 pt, black, regular (non-italic) font? | VCS Std. Version 4.0 | DR                     | a) Please remove the “Instructions for Completing the Monitoring Report” part available in the monitoring report.<br>b) Please clarify if there are any annexes associated with the monitoring report.<br>c) Please include all items in the box at the bottom of the cover page and all Sections text part using Arial or Century Gothic 10.5 pt, black, regular (non-italic) font.<br>d) Please check and correct the font type and size throughout the MR. (e.g. second paragraph of Section 1.1 of the MR). | CAR-1         | OK            |
| 2. Are the followings provided at the cover page in a tabular format?                                                        | VCS Std. Version 4.0 | DR                     | Please see in below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OK            | OK            |
| 2.1. Name of the project?                                                                                                    | VCS Std. Version 4.0 | DR                     | This is available as Adiguzel II Hydroelectric Power Plant.                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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                     | This is available as PKR20.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OK            | OK            |
| 2.4. The issuance date of the document in DD-Month-YYYY format?                                                              | VCS Std. Version 4.0 | DR                     | This is available as 06/10/2020 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 1427.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OK            | OK            |
| 2.6. Monitoring period in DD-Month-YYYY to DD-Month-YYYY format                                                              | VCS Std. Version 4.0 | DR                     | This is available as from 24/01/2015 to 30/09/2020.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | OK            | OK            |
| 2.7. Individual or entity that prepared the document?                                                                        | VCS Std. Version 4.0 | DR                     | This is available as GAIA Climate Consultant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 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 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 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                     | Please see CAR-1.                                                                                                                                                                                                                                                                                                                                                                                                | CAR-1         | OK            |
| 6. Are the VCS MR and other documents required under the VCS Program in English?                                                                    | VCS Std. Version 4.0                               | DR                     | MR and all other required documents are in English except for some legal permit documents since they are in Turkish.                                                                                                                                                                                                                                                                                             | OK            | OK            |
|                                                                                                                                                     |                                                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |
| <b>1. PROJECT DETAILS</b>                                                                                                                           |                                                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |
|                                                                                                                                                     |                                                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |
| <b>1.1. Summary Description of the Implementation Status of Project</b>                                                                             |                                                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |
|                                                                                                                                                     |                                                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |
| 1.1.1. Has a brief summary of the project description provided under Section 1.1 of the MR?                                                         | VCS Std. Version 4.0<br>CDM-MR-FORM<br>Version 7.0 | DR                     | The brief summary is available but please see in below:<br>a) Please include the net electricity generation and achieved ER values including the comparison results under Section 1.1 of the MR.<br>b) Please include the current status of the project and please delete the sentences like expected, estimated etc. under Section 1.1 of the MR since the project is already operational.                      | CAR-2         | 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<br>CDM-MR-FORM<br>Version 7.0 | DR                     | The purpose of the project activity and the measures taken to reduce greenhouse gas emissions have been provided under Section 1.1 of the MR.                                                                                                                                                                                                                                                                    | OK            | OK            |
| 1.1.3. Has a brief description of the installed technology and equipment been provided under Section 1.1 of the MR?                                 | VCS Std. Version 4.0<br>CDM-MR-FORM<br>Version 7.0 | DR                     | a) Please provide the brief description of the installed technology and equipment including turbine types and models, their brief specifications in the Section 1.1 of the MR and please also provide the reference documents and turbine name plates.<br>b) Please clarify whether there is any dam and/or any new reservoir formation within the context of the project activity in the Section 1.1 of the MR. | CAR-3         | OK            |

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

| Question                                                                                                                                                                | Reference                                    | Means of verification* | Findings, comments, references and document sources                                      | Draft opinion | Final opinion |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|------------------------------------------------------------------------------------------|---------------|---------------|
| 1.1.4. 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 3.1 of the MR.                                    | OK            | 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 see option a of CAR-2.                                                            | CAR-2         | OK            |
|                                                                                                                                                                         |                                              |                        |                                                                                          |               |               |
| <b>1.2. Sectoral Scope and Project Type</b>                                                                                                                             |                                              |                        |                                                                                          |               |               |
| 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                     | This has been indicated as Scope 1: "Energy Industry – Renewable/Non-renewable Sources". | OK            | 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            |
|                                                                                                                                                                         |                                              |                        |                                                                                          |               |               |
| <b>1.3. Project Proponent</b>                                                                                                                                           |                                              |                        |                                                                                          |               |               |
| 1.3.1. Are the contact information for the project proponent(s) provided in the tabular format?                                                                         | VCS Std. Version 4.0                         | DR                     | These are available in the Section 1.3 of the MR.                                        | OK            | OK            |
|                                                                                                                                                                         |                                              |                        |                                                                                          |               |               |
| <b>1.4. Other Entities Involved in the Project</b>                                                                                                                      |                                              |                        |                                                                                          |               |               |
| 1.4.1. Are the contact information and roles/responsibilities for any other entities involved in the development of the project provided?                               | VCS Std. Version 4.0                         | DR                     | This is available in the Section 1.4 of the MR.                                          | OK            | OK            |

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

| Question                                                                                                                                                              | Reference            | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                    | Draft opinion | Final opinion |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>1.5. Project Start Date</b>                                                                                                                                        |                      |                        |                                                                                                                                                                                                                                                        |               |               |
| 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 24/01/2015 in the Section 1.5 of the MR but please provide the justification for the mentioned start date.                                                                                                      | CL-1          | OK            |
| <b>1.6. Project Crediting Period</b>                                                                                                                                  |                      |                        |                                                                                                                                                                                                                                                        |               |               |
| 1.6.1. Is the total crediting period including the day, month and year for the start and end dates and the total number of years indicated?                           | VCS Std. Version 4.0 | DR                     | These are available in the Section 1.6 of the MR but please clarify the total crediting period of the project activity.                                                                                                                                | CL-2          | OK            |
| <b>1.7. Project Location</b>                                                                                                                                          |                      |                        |                                                                                                                                                                                                                                                        |               |               |
| 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                     | a) Please include the reference document information for all provided coordinates considering the current status of the project in Section 1.7 of the MR.<br>b) Please provide the complete version of the generation licence of the project activity. | CAR-4         | OK            |
| <b>1.8. Title and Reference of Methodology</b>                                                                                                                        |                      |                        |                                                                                                                                                                                                                                                        |               |               |
| 1.8.1. Is the following information provided regarding the methodology(s) applied to the project?                                                                     | VCS Std. Version 4.0 | DR                     | Please see in below.                                                                                                                                                                                                                                   | OK            | OK            |
| 1.8.1.1. The title of the methodology(ies)                                                                                                                            | VCS Std. Version 4.0 | DR                     | This is available.                                                                                                                                                                                                                                     | OK            | OK            |
| 1.8.1.2. The reference of the methodology(ies)                                                                                                                        | VCS Std. Version 4.0 | DR                     | This is available.                                                                                                                                                                                                                                     | OK            | OK            |
| 1.8.1.3. The version number of the methodology(ies)                                                                                                                   | VCS Std. Version 4.0 | DR                     | This is available.                                                                                                                                                                                                                                     | OK            | OK            |
| 1.8.2. Is the following information provided regarding the tool(s) applied to the project?                                                                            | VCS Std. Version 4.0 | DR                     | Please see in below.                                                                                                                                                                                                                                   | OK            | OK            |

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

| Question                                                                                                                                                                             | Reference            | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                                                             | Draft opinion | Final opinion |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 1.8.2.1. The title of the tool(s)                                                                                                                                                    | VCS Std. Version 4.0 | DR                     | The titles of the referred tools are available.                                                                                                                                                                                                                                                 | OK            | OK            |
| 1.8.2.2. The version number of the tool(s)                                                                                                                                           | VCS Std. Version 4.0 | DR                     | The version numbers of the referred tools have been provided.                                                                                                                                                                                                                                   | OK            | OK            |
|                                                                                                                                                                                      |                      |                        |                                                                                                                                                                                                                                                                                                 |               |               |
| <b>1.9. Participation under Other Programs</b>                                                                                                                                       |                      |                        |                                                                                                                                                                                                                                                                                                 |               |               |
| 1.9.1. Has it been indicated whether the project has been registered or seeking registration under any other GHG programs?                                                           | VCS Std. Version 4.0 | DR                     | It has been stated that the project hasn't been registered or seeking registration under other GHG programs and the signed and sealed letter on company letterhead that the project hasn't been registered, or hasn't been seeking registration under any other GHG programs has been provided. | OK            | OK            |
| 1.9.2. If the project has been registered under any other GHG programs, have the PPs provided the registration number and details?                                                   | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't been registered or seeking registration under other GHG programs).                                                                                                                                                                              | OK            | OK            |
| 1.9.3. If the project has been registered under any other GHG programs, have the details of any GHG credits claimed under such programs been provided in the Section 1.9 of the MR?  | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't been registered or seeking registration under other GHG programs).                                                                                                                                                                              | OK            | OK            |
|                                                                                                                                                                                      |                      |                        |                                                                                                                                                                                                                                                                                                 |               |               |
| <b>1.10. Other Forms of Credit</b>                                                                                                                                                   |                      |                        |                                                                                                                                                                                                                                                                                                 |               |               |
| 1.10.1. Does the project reduce GHG emissions from activities that are included in an emissions trading program; or any other mechanism that includes GHG allowance trading?         | VCS Std. Version 4.0 | DR                     | It has been stated that the project hasn't created another form of credit and the signed and sealed letter on company letterhead that project hasn't been created other forms of credit (e.g. renewable energy certificates) has been provided.                                                 | OK            | OK            |
| 1.10.2. If the project reduces GHG emissions from activities that are included in an emissions trading program; or any other mechanism that includes GHG allowance trading, have the | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't created another form of credit).                                                                                                                                                                                                                | 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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| PPs provided evidence on the following?                                                                                                                                                                                               |                      |                        |                                                                                                                                                                                                  |               |               |
| 1.10.2.1. the reductions or removals generated by the project have or will not be used for compliance under such program(s) or mechanism(s)                                                                                           | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't created another form of credit).                                                                                                                 | OK            | OK            |
| 1.10.3. Have the project(s) created other forms of environmental credit (for example renewable energy certificates)?                                                                                                                  | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't created another form of credit).                                                                                                                 | OK            | OK            |
| 1.10.4. If the project(s) created other forms of environmental credit (for example renewable energy certificates), has the PPs provided all relevant information about the GHG-related environmental credits and the related program? | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't created another form of credit).                                                                                                                 | OK            | OK            |
| 1.10.5. Have all other programs under which the project is eligible to participate (to create another form of GHG-related environmental credit) been listed?                                                                          | VCS Std. Version 4.0 | DR                     | N/A (It has been stated that the project hasn't created another form of credit).                                                                                                                 | OK            | OK            |
|                                                                                                                                                                                                                                       |                      |                        |                                                                                                                                                                                                  |               |               |
| <b>1.11. Sustainable Development</b>                                                                                                                                                                                                  |                      |                        |                                                                                                                                                                                                  |               |               |
| 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                     | These have been explained in the Section 1.11 of the MR but please include the actual results of the contributed sustainable development indicators by the project during the monitoring period. | CAR-5         | OK            |
|                                                                                                                                                                                                                                       |                      |                        |                                                                                                                                                                                                  |               |               |
| <b>2. SAFEGUARDS</b>                                                                                                                                                                                                                  |                      |                        |                                                                                                                                                                                                  |               |               |
| <b>2.1. No Net Harm</b>                                                                                                                                                                                                               |                      |                        |                                                                                                                                                                                                  |               |               |

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



| Question                                                                                                                                                           | Reference            | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Draft opinion | Final opinion |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 2.1.1. Has it been summarized by PPs any potential negative environmental and socio-economic impacts of the project activity and the steps taken to mitigate them? | VCS Std. Version 4.0 | DR                     | Please provide the following records:<br>- Waste water storage tank photographic evidences<br>- Hazardous and domestic waste storage area photographic evidences<br>- Official hazardous waste transfer and disposal records<br>- Fish passage photographic evidences, if any, along with the design documents<br>- Life line water official records<br>-The noise assessment report, if any                                                                                                                                                                                                                                                                                | CL-3          | OK            |
| <b>2.2. Local Stakeholder Consultation</b>                                                                                                                         |                      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |               |
| 2.2.1. Has the process regarding the local stakeholder consultation been described by PPs including the following?                                                 | VCS Std. Version 4.0 | DR                     | Please see in below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | OK            | OK            |
| 2.2.1.1. The procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought)           | VCS Std. Version 4.0 | DR                     | These are available in the MR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | OK            | OK            |
| 2.2.1.2. The procedures or methods used for documenting the outcomes of the local stakeholder communication                                                        | VCS Std. Version 4.0 |                        | These are available in the MR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | OK            | OK            |
| 2.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification                                                          | VCS Std. Version 4.0 |                        | a) Please clarify whether there is complaint received during the current monitoring period in the Section 2.2 of the MR.<br>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.<br>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.<br>d) Please include all local stakeholder communication details associated with the current monitoring period in the Section 2.2 of the MR. | CAR-6         | OK            |
| 2.2.1.4. How due account of all and any input                                                                                                                      | VCS Std.             |                        | Please see CAR-6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAR-6         | OK            |

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

| Question                                                                                                                                                                                                                  | Reference                 | Means of verification* | Findings, comments, references and document sources                                                                                                | Draft opinion | Final opinion |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| received during ongoing communication has been taken                                                                                                                                                                      | Version 4.0               |                        |                                                                                                                                                    |               |               |
| 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-7         | OK            |
|                                                                                                                                                                                                                           |                           |                        |                                                                                                                                                    |               |               |
| <b>3. IMPLEMENTATION STATUS</b>                                                                                                                                                                                           |                           |                        |                                                                                                                                                    |               |               |
| <b>3.1. Implementation Status of The Project Activity</b>                                                                                                                                                                 |                           |                        |                                                                                                                                                    |               |               |
| 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                     | Please include the shareholder structure change details in the Section 3.1 of the MR along with the relevant evidence document.                    | CAR-8         | 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                     | The starting date of operation of the project activity has been provided.                                                                          | OK            | OK            |
| 3.1.4. If the project activity consists of more than one site, has the status of implementation and starting date of operation for each site been clearly described under Section 3.1 of the MR?                          | EB93 Report Annex 4 §257b | DR                     | N/A                                                                                                                                                | OK            | OK            |
| 3.1.5. If the implementation of the project activity planned to be realized in different phases, has the progress of the proposed VCS project activity achieved in each phase been indicated under Section 3.1 of the MR? | EB93 Report Annex 4 §257b | DR                     | N/A                                                                                                                                                | OK            | OK            |
| 3.1.6. Do the actual project activity and its operation 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            |

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

| Question                                                                                                                                                      | Reference                 | Means of verification* | Findings, comments, references and document sources                                                                                                                     | Draft opinion | Final opinion |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 3.1.7. 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-9         | OK            |
| <b>3.2. Deviations</b>                                                                                                                                        |                           |                        |                                                                                                                                                                         |               |               |
| <b>3.2.1. Methodology Deviations</b>                                                                                                                          |                           |                        |                                                                                                                                                                         |               |               |
| 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            |
| <b>3.2.2. Project Description Deviations</b>                                                                                                                  |                           |                        |                                                                                                                                                                         |               |               |
| 3.2.2.1. Are there any deviations from the registered project description?                                                                                    |                           | DR                     | Please correct the section numbers in the 3.2.1 and 3.2.2 of the MR.                                                                                                    | CAR-10        | 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-10.                                                                                                                                                      | 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 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-10.                                                                                                                                          | CAR-10        | 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-10.                                                                                                                                          | CAR-10        | OK            |
| <b>3.3. Grouped Projects</b>                                                                                                                                                                                                                                                                                                              |                                              |                        |                                                                                                                                                             |               |               |
| 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            |
| 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            |
| <b>4. DATA AND PARAMETERS</b>                                                                                                                                                                                                                                                                                                             |                                              |                        |                                                                                                                                                             |               |               |
| <b>4.1. Data and Parameters Available at Validation</b>                                                                                                                                                                                                                                                                                   |                                              |                        |                                                                                                                                                             |               |               |
| 4.1.1. Has all the data that is determined only once for the crediting period but are used after registration of the project, been listed under Section 4.1 using the tabular format?                                                                                                                                                     | CDM-MR-FORM Version 7.0 VCS Std. Version 4.0 | DR                     | All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section 4.1 of the MR. | OK            | OK            |
| 4.1.2. If all the data that is determined only once for the crediting period but are used after registration of the project, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan? | CDM-MR-FORM Version 7.0 VCS Std. Version 4.0 | DR                     | All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section 4.1 of the MR. | OK            | OK            |

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

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

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

| Question                                                                                                                                                                                                                   | Reference                                             | Means of verification* | Findings, comments, references and document sources                                                                                               | Draft opinion | Final opinion |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 4.1.3. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?           | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD. | OK            | OK            |
| 4.1.4. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?           | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD. | OK            | OK            |
| 4.1.5. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the description of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?    | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>4.2. Data and Parameters Monitored</b>                                                                                                                                                                        |                                                       |                        |                                                                                                                                                                                                                     |               |               |
| 4.2.1. Has all the data that are monitored been listed under Section 4.2 using the tabular format?                                                                                                               | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS<br>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<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | This is in line with the registered PD.                                                                                                                                                                             | OK            | OK            |
| 4.2.6. In the data/parameter tables provided under section 4.2 of the MR, for each data has the estimated values of the monitoring parameter been indicated?                                                     | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | a) Please provide the reference for $Cap_{PJ}$ parameter's monitored value of 30,096,000 W including the turbine specification document.<br>b) Please provide the evidence reference document for $AP_J$ parameter. | CAR-11        | 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<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | Please correct all future tense sentences in the Section 4.2 of the MR since the project is already operational.                                                                                                    | CAR-12        | 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                                           | DR                     | This is available in the MR.                                                                                                                                                                                        | OK            | OK            |

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



| Question                                                                                                                                                                                                                                  | Reference                                             | Means of verification* | Findings, comments, references and document sources                                   | Draft opinion | Final opinion |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|---------------|---------------|
| • purpose of data been given?                                                                                                                                                                                                             | Version 7.0<br>VCS Std.<br>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.<br>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<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | Please see in below.                                                                  | OK            | OK            |
| 4.2.10.1. Details on accuracy class                                                                                                                                                                                                       | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR, SV                 | This is available as 0.1s and in line with the registered PD.                         | OK            | OK            |
| 4.2.10.2. The person/entity responsible for the measurement                                                                                                                                                                               | VCS Std.<br>Version 4.0                               | DR                     | This is available and in line with the registered PD.                                 | OK            | OK            |
| 4.2.10.3. Any standards or protocols to be followed                                                                                                                                                                                       | VCS Std.<br>Version 4.0                               | DR                     | This is available in the Section 4.2 of the MR.                                       | OK            | OK            |
| 4.2.10.4. Calibration frequency                                                                                                                                                                                                           | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | This is available as ten years.                                                       | OK            | OK            |
| 4.2.10.5. Serial number                                                                                                                                                                                                                   | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR, SV                 | These are available as 9202719 for the main meter and 65006598 for the back-up meter. | OK            | OK            |
| 4.2.10.6. Calibration date                                                                                                                                                                                                                | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | Please provide the changed main meter details in the Section 4.2 of the MR.           | CAR-13        | OK            |
| 4.2.10.7. Validity of the calibration                                                                                                                                                                                                     | CDM-MR-FORM                                           | DR                     | This is available as 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 |
|----------|----------------------------------------|------------------------|-----------------------------------------------------|---------------|---------------|
|          | Version 7.0<br>VCS Std.<br>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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------|-----------------------------------------------------------------------|---------------|---------------|
| 4.2.11. 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<br>Version 7.0<br>VCS Std.<br>Version 4.0        | DR                     | This is available.                                                    | OK            | OK            |
| 4.2.12. Is the calibration frequency for measuring equipment specified in the monitoring methodology, in the applied standardized baselines or in the monitoring plan??                                                                                                                                                   | EB93<br>Report<br>Annex 5<br>§368<br>VCS Std.<br>Version 4.0 | DR                     | This is in line with the registered PD and relevant legal regulation. | OK            | OK            |
| 4.2.13. If the calibration frequency for measuring equipment isn't specified in the monitoring methodology, guidance provided by the Board or the monitoring plan, are the equipment calibrated either in accordance with the specifications of the local/national standards, or as per the manufacturer's specification? | EB93<br>Report<br>Annex 5<br>§373<br>VCS Std.<br>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<br>Report<br>Annex 5<br>§373<br>VCS Std.<br>Version 4.0 | DR                     | This is in line with the registered PD and relevant legal regulation. | OK            | OK            |
| 4.2.15. Is the calibration of the measuring equipment that have an impact on the claimed emission reductions conducted by the PPs at a frequency specified in the applied monitoring methodology and/or the monitoring plan?                                                                                              | EB93<br>Report<br>Annex 5<br>§374<br>VCS Std.<br>Version 4.0 | DR                     | This is in line with the registered PD and relevant legal regulation. | OK            | OK            |
| 4.2.16. Has the calibration been delayed and has the calibration been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period?                                                                                                 | EB93<br>Report<br>Annex 5<br>§369<br>VCS Std.<br>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                                                                                                                                                                             | EB93<br>Report<br>Annex 5<br>§369                            | 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 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------|---------------------------------------------------------|---------------|---------------|
| 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?                                                                                                                                                                                       | VCS Std. Version 4.0                           |                        |                                                         |               |               |
| 4.2.17.1. Applying the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error; or | EB93 Report Annex 5 §369a VCS Std. Version 4.0 | DR                     | N/A (The calibration of the meters is valid ten years). | OK            | OK            |
| 4.2.17.2. Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment.                                                                                                                                                                                                      | EB93 Report Annex 5 §369b VCS Std. Version 4.0 | DR                     | N/A (The calibration of the meters is valid ten years). | OK            | OK            |
| 4.2.18. If calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, has the error been applied in following ways?                                                                                                  | EB93 Report Annex 5 §370 VCS Std. Version 4.0  | DR                     | N/A (The calibration of the meters is valid ten years). | OK            | OK            |
| 4.2.18.1. The adjusted measured values of the delayed calibration result in fewer claimed emission reductions?                                                                                                                                                                                                                                                 | EB93 Report Annex 5 §370a VCS Std. Version 4.0 | DR                     | N/A (The calibration of the meters is valid ten years). | OK            | OK            |
| 4.2.18.2. For all measured values taken during the period between the 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            |

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

| Question                                                                                                                                                                                                                                                                                                    | Reference                                                                | Means of verification* | Findings, comments, references and document sources                                                    | Draft opinion | Final opinion |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------|---------------|---------------|
| 4.2.19. 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<br>EB93 Report Annex 4 §260 | DR                     | EGfacility,y, $A_{p,j}$ and $Cap_{p,j,y}$ 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<br>VCS Std. Version 4.0                         | DR                     | EGfacility,y, $A_{p,j}$ and $Cap_{p,j,y}$ are the monitored parameters in line with the registered PD. | OK            | OK            |
|                                                                                                                                                                                                                                                                                                             |                                                                          |                        |                                                                                                        |               |               |
| <b>4.3. Monitoring Plan</b>                                                                                                                                                                                                                                                                                 |                                                                          |                        |                                                                                                        |               |               |

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

| Question                                                                                                                    | Reference                                                                                  | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                                                                                                                                                                                                                               | Draft opinion | Final opinion |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 4.3.1. Has a description of the monitoring system been provided under Section 4.3 of the MR?                                | CDM-MR-FORM<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>Version 4.0 | DR                     | The details of the monitoring system is available and in line with the registered PD but please see in below:<br>a) Please correct the font size in last paragraph of the Section 4.3 of the MR.<br>b) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational.<br>c) Please include the number of employees in the Section 4.3 of the MR along with the relevant evidence. | CAR-14        | 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<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>Version 4.0 | DR                     | Please see in below.                                                                                                                                                                                                                                                                                                                                                                                                                                              | OK            | OK            |
| 4.3.2.1. Information flow including data generation                                                                         | CDM-MR-FORM<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>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<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>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<br>Version 7.0<br>EB93                                                         | 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 |
|----------|------------------------------------------|------------------------|-----------------------------------------------------|---------------|---------------|
|          | Report Annex 4 §259 VCS Std. Version 4.0 |                        |                                                     |               |               |

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

| Question                                                                                                                                                                                                                | Reference                                                                                  | Means of verification* | Findings, comments, references and document sources                                                                                                                                 | Draft opinion | Final opinion |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 4.3.2.4. Data calculation                                                                                                                                                                                               | CDM-MR-FORM<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>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<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>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<br>Version 7.0<br>EB93<br>Report<br>Annex 4<br>§259<br>VCS Std.<br>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<br>Report<br>Annex 5<br>§364b-(iv)<br>VCS Std.<br>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<br>Report<br>Annex 5<br>§364e<br>VCS Std.<br>Version 4.0                              | DR                     | These are in line with the registered PD.                                                                                                                                           | OK            | OK            |
| 4.3.6. Are the procedures for handling internal                                                                                                                                                                         | VCS Std.<br>Version 4.0                                                                    | DR                     | Please include the procedures, if any, for handling internal auditing                                                                                                               | CAR-15        | OK            |

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

| Question                                                                                                                                                                                                                                             | Reference                                                     | Means of verification* | Findings, comments, references and document sources                    | Draft opinion | Final opinion |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------|------------------------------------------------------------------------|---------------|---------------|
| auditing and non-conformities described?                                                                                                                                                                                                             |                                                               |                        | and non-conformities described in the Section 4.3 of the MR.           |               |               |
| 4.3.7. Where appropriate, are the line diagrams to display the GHG data collection and management system included?                                                                                                                                   | VCS Std. Version 4.0                                          | DR                     | N/A (This is explained without any diagram).                           | OK            | OK            |
| 4.3.8. If the sampling approaches used in the monitoring plan, has the following been included?                                                                                                                                                      | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.1. target precision levels                                                                                                                                                                                                                     | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.2. sample sizes                                                                                                                                                                                                                                | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.3. sample site locations                                                                                                                                                                                                                       | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.4. stratification                                                                                                                                                                                                                              | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.5. frequency of measurement and                                                                                                                                                                                                                | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.6. QA/QC procedures                                                                                                                                                                                                                            | VCS Std. Version 4.0                                          | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.8.7. Demonstration on whether the required confidence/precision has been met.                                                                                                                                                                    | CDM-MR-FORM Version 7.0                                       | DR                     | N/A (The sampling approach hasn't been used).                          | OK            | OK            |
| 4.3.9. Have the monitoring plan and the applied methodology been properly implemented and followed by the PPs?                                                                                                                                       | EB93 Report Annex 5 §364a VCS Std. Version 4.0                | DR                     | The monitoring system is available and in line with the registered PD. | OK            | OK            |
| 4.3.10. Has the monitoring of parameters (baseline / project / leakage / emission reduction) in the project activity been implemented in accordance with the monitoring plan contained in the registered PD or any accepted revised monitoring plan? | EB93 Report Annex 5 §364b-(i)-(ii)-(iii) VCS Std. Version 4.0 | DR                     | The monitoring system is available and in line with the registered PD. | OK            | OK            |
| 4.3.11. Have all parameters stated in the monitoring plan, the applied methodology and                                                                                                                                                               | EB93 Report Annex 5                                           | DR                     | The monitoring system is available and in line with the registered PD. | OK            | OK            |

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



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

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

| Question                                                                                                                                                                                            | Reference                                                     | Means of verification* | Findings, comments, references and document sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Draft opinion | Final opinion |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>5. QUANTIFICATION of GHG EMISSION REDUCTIONS and REMOVALS</b>                                                                                                                                    |                                                               |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |               |
| <b>5.1. Baseline Emissions</b>                                                                                                                                                                      |                                                               |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |               |
| 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<br>Version 7.0<br>VCS Std.<br>Version 4.0         | DR                     | <ul style="list-style-type: none"> <li>a) Please provide 2020 September electricity generation and consumption details including EPIAS screenshots and TEIAS meter readings.</li> <li>b) Please take the monitoring period start date into consideration for the ER calculations since it starts at 24/01/2015.</li> <li>c) Please include the table number available in Section 5.4 of the MR.</li> <li>d) Please correct the methodology version in the Section 5.4 of the MR.</li> <li>e) Please include the vintage based comparison of expected and achieved ER values in the MR and Excel spreadsheet.</li> <li>f) Please correct the ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections.</li> </ul> | CAR-16        | 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<br>Version 7.0<br>VCS Std.<br>Version 4.0         | DR                     | This is available in the Excel spreadsheet calculation but please see CAR-16.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CAR-16        | OK            |
| 5.1.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?                                                                                        | CDM-MR-FORM<br>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<br>Report<br>Annex 5<br>§376d<br>VCS Std.<br>Version 4.0 | DR                     | N/A (There haven't been any assumptions used).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | OK            | OK            |
| 5.1.5. If applicable, are the appropriate emission factors used for the baseline emission calculations in line with the good guidance practices? (e.g. IPCC default values and other                | EB93<br>Report<br>Annex 5<br>§376e<br>VCS Std.                | 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| reference values)                                                                                                                                                                                     | Version 4.0                                                   |                        |                                                                                                                                      |               |               |
| <b>5.2. Project Emissions</b>                                                                                                                                                                         |                                                               |                        |                                                                                                                                      |               |               |
| 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<br>Version 7.0<br>VCS Std.<br>Version 4.0         | DR                     | The explanation is available in the Section 5.2 of the MR but please include the power density calculation in the Excel spreadsheet. | CAR-17        | 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<br>Version 7.0<br>VCS Std.<br>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<br>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<br>Report<br>Annex 5<br>§376d<br>VCS Std.<br>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<br>Report<br>Annex 5<br>§376e<br>VCS Std.<br>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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>5.3. Leakage</b>                                                                                                                                                                                   |                                                               |                        |                                                                                                  |               |               |
| 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<br>Version 7.0<br>VCS Std.<br>Version 4.0         | DR                     | The justification for leakage is available under Section 5.3 of the MR.                          | OK            | OK            |
| 5.3.2. Has sample calculations for all formulae used and calculation of leakage emissions, applying actual values been provided under section 5.3 of the MR?                                          | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>Version 4.0         | DR                     | The justification for leakage is available under Section 5.3 of the MR.                          | OK            | OK            |
| 5.3.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?                                                                                          | CDM-MR-FORM<br>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<br>Report<br>Annex 5<br>§376d<br>VCS Std.<br>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<br>Report<br>Annex 5<br>§376e<br>VCS Std.<br>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 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|------------------------------------------------------|---------------|---------------|
| <b>5.4. Net GHG Emission Reductions and Removals</b>                                                                                                                                                             |                                                       |                        |                                                      |               |               |
| 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<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | Please see CAR-16.                                   | CAR-16        | OK            |
| 5.4.2. Has the total project emissions or actual net GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?                                                                  | CDM-MR-FORM<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>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<br>Version 7.0<br>VCS Std.<br>Version 4.0 | DR                     | Please see CAR-16.                                   | CAR-16        | 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<br>Report<br>Annex 5<br>§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<br>Report<br>Annex 5<br>§329a                    | DR                     | There hasn't been any material information detected. | OK            | OK            |
| 5.4.5.2. 1 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal between 300,000 and 500,000 tons of carbon dioxide equivalent per year?        | EB93<br>Report<br>Annex 5<br>§329b                    | DR                     | There hasn't been any material information detected. | OK            | OK            |

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

| Question                                                                                                                                                                                                              | Reference                 | Means of verification* | Findings, comments, references and document sources  | Draft opinion | Final opinion |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|------------------------------------------------------|---------------|---------------|
| 5.4.5.3. 2 per cent of the emission reductions or removals for large-scale project activities achieving a total emission reduction or removal of 300,000 tons of carbon dioxide equivalent per year or less?          | EB93 Report Annex 5 §329c | DR                     | There hasn't been any material information detected. | OK            | OK            |
| 5.4.5.4. 10 per cent of the emission reductions or removals for the microscale project activities?                                                                                                                    | EB93 Report Annex 5 §329d | DR                     | There hasn't been any material information detected. | OK            | OK            |
| 5.4.5.5. 5 per cent of the emission reductions or removals for small-scale project activities other than project activities covered under 5.4.5.4 above?                                                              | EB93 Report Annex 5 §329e | DR                     | There hasn't been any material information detected. | OK            | OK            |
| <b>6. APPENDICES</b>                                                                                                                                                                                                  |                           |                        |                                                      |               |               |
| 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                     | Please see the option b of CAR-1.                    | CAR-1         | 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                     | Please see the option b of CAR-1.                    | CAR-1         | 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                     | Please see the option b of CAR-1.                    | CAR-1         | OK            |

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

| Question                                                                                                                                     | Reference                          | Means of verification* | Findings, comments, references and document sources                                                                             | Draft opinion | Final opinion |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>7. OTHER REQUIREMENTS</b>                                                                                                                 |                                    |                        |                                                                                                                                 |               |               |
| <b>7.1. Forward Action Requests (FARs) Identified During Validation and/or Previous Verification</b>                                         |                                    |                        |                                                                                                                                 |               |               |
| 7.1.1. Is there any remaining FARs from the validation and/or previous verification activities?                                              | EB93 Report Annex 5 §38 §349       | DR                     | There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report. | OK            | OK            |
| 7.1.2. If there any remaining FARs from the validation and/or previous verification activities, have the PPs addressed these FARs in the MR? | EB93 Report Annex 5 §38 §349       | DR                     | There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report. | OK            | OK            |
| 7.1.3. Has the FARs been resolved?                                                                                                           | EB93 Report Annex 5 §38 §349 §347d | DR                     | There hasn't been any FAR issued by the relevant DOE during the validation process in line with the provided validation report. | OK            | OK            |
|                                                                                                                                              |                                    |                        |                                                                                                                                 |               |               |

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

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

| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ref. to Checklist Questions in Table-1 | Summary of Project Participants' Response                                                                                                                                                                                                                                             | Verification Team Conclusion                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>CAR-1</p> <p>a) Please remove the “Instructions for Completing the Monitoring Report” part available in the monitoring report.</p> <p>b) Please clarify if there are any annexes associated with the monitoring report.</p> <p>c) Please include all items in the box at the bottom of the cover page and all Sections text part using Arial or Century Gothic 10.5 pt, black, regular (non-italic) font.</p> <p>d) Please check and correct the font type and size throughout the MR. (e.g. second paragraph of Section 1.1 of the MR).</p> | 1                                      | <p>a) Removed.</p> <p>b) There is no annex associated with the MR. Therefore, the relevant part has been removed from the table of contents.</p> <p>c) It has been revised accordingly.</p> <p>d) Corrected</p> <p>Response to Review-1:</p> <p>d) Corrected.</p>                     | <p>Review-1:</p> <p>a) Ok Closed (This has been removed in the MR).</p> <p>b) Ok Closed (There hasn't been any annex currently in the MR).</p> <p>c) Ok Closed (MR has been revised accordingly).</p> <p>d) Please check and correct the font type and size throughout the MR (e.g. fifth paragraph of the Section 4.3 of the MR).</p> <p>Review-2:</p> <p>d) Ok Closed (MR has been revised accordingly).</p> |
| <p>CAR-2</p> <p>The brief summary is available but please see in below:</p> <p>a) Please include the net electricity generation and achieved ER values including the comparison results under Section 1.1 of the MR.</p> <p>b) Please include the current status of the project and please delete the sentences like expected, estimated etc. under Section 1.1 of the MR since the project is already operational.</p>                                                                                                                         | 1.1.1                                  | <p>a) Comparison results of the ex-ante and achieved values have been added under Section 1.1 of the MR.</p> <p>b) Corrected.</p>                                                                                                                                                     | <p>Review-1:</p> <p>a) Ok Closed (The net electricity generation and achieved ER values including the comparison results have been provided in the Section 1.1 of the MR).</p> <p>b) Ok Closed (Section 1.1 of the MR has been revised to include the current status of the project).</p>                                                                                                                      |
| <p>CAR-3</p> <p>a) Please provide the brief description of the installed technology and equipment including turbine types and models, their brief specifications in the Section 1.1 of the MR and please also provide the reference documents and turbine name plates.</p> <p>b) Please clarify whether there is any dam and/or any new reservoir formation within the context of the project activity in the Section 1.1 of the MR.</p>                                                                                                        | 1.1.3                                  | <p>a) The brief description of installed technology has been added in Section 1.1 of the MR. Also, the turbine name plates have been provided.</p> <p>b) Clarified.</p> <p>Response to Review-1:</p> <p>b) The relevant clarification has been added under Section 1.1 of the MR.</p> | <p>Review-1:</p> <p>a) Ok Closed (The brief description of the installed technology and equipment including turbine types and models, their brief specifications have been provided in the Section 1.1 of the MR. The reference documents and turbine name plates have also been provided).</p> <p>b) Please clarify whether there is any dam and/or any new reservoir formation within</p>                    |

\*DR= Document Review, I= Interview, SV=Site Visit  
v3.2



| 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>Response to Review-2:</p> <p>The evidence reference document for APj value that showing there has been no dam or any new reservoir formation has been provided. The MR and ER has been revised accordingly.</p>                                              | <p>the context of the project activity considering its impact on the project emissions in the Section 1.1 of the MR.</p> <p>Review-2:</p> <p>b) Although it has been stated in the Section 1.1 of the MR that there has been no dam or any new reservoir formation, the reservoir area is one of the monitored parameter and the monitored value has been specified.</p> <p>Review-3:</p> <p>b) Ok Closed (Section 1.1 of the MR has been revised accordingly).</p> |
| <p>CAR-4</p> <p>a) Please include the reference document information for all provided coordinates considering the current status of the project in Section 1.7 of the MR.</p> <p>b) Please provide the complete version of the generation licence of the project activity.</p>                                        | 1.7.1                                  | <p>a) Provided.</p> <p>b) The generation licence of the project has been provided.</p> <p>Response to Review-1:</p> <p>Included.</p>                                                                                                                            | <p>Review-1:</p> <p>a) Please include the reference document information for all provided coordinates considering the current status of the project in Section 1.7 of the MR.</p> <p>b) Ok Closed (The generation licence has been provided).</p> <p>Review-2:</p> <p>a) Ok Closed (The reference document has been provided).</p>                                                                                                                                  |
| <p>CAR-5</p> <p>Please include the actual results of the contributed sustainable development indicators by the project during the monitoring period.</p>                                                                                                                                                              | 1.11.1                                 | Included.                                                                                                                                                                                                                                                       | <p>Review-1:</p> <p>Ok Closed (The actual results of the contributed sustainable development indicators by the project during the monitoring period have been provided in Section 1.11 of the MR).</p>                                                                                                                                                                                                                                                              |
| <p>CAR-6</p> <p>a) Please clarify whether there is complaint received during the current monitoring period in the Section 2.2 of the MR.</p> <p>b) Please provide the signed document about the contact details of the PP relevant staff in case of any complaint by Adigüzeller village and whether there is any</p> | 2.2.1.3                                | <p>a) Section 2.2 of the MR has been revised accordingly.</p> <p>b) The signed letter by the Mukhtar of Adigüzeller village, which indicates that contact information of the plant responsible is available to them, has been provided.</p> <p>c) Included.</p> | <p>Review-1:</p> <p>a) Ok Closed (MR has been revised accordingly).</p> <p>b) Ok Closed (The signed and sealed letter by Adigüzeller Village Head (Mukhtar) dated as 23/12/2020 has been provided).</p> <p>c) Ok Closed (The current status of the</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                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>complaint received by the Muhktar from the local stakeholders.</p> <p>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.</p> <p>d) Please include all local stakeholder communication details associated with the current monitoring period in the Section 2.2 of the MR.</p> |                                        | d) Included.                                                                                                                                                                                                                                                                            | <p>ongoing communication with the local stakeholders has been provided in Section 2.2 of the MR).</p> <p>d) Ok Closed (Section 2.2 of the MR has been revised accordingly).</p>                                                                                                                |
| <p>CAR-7</p> <p>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.</p>                                                                                                                                                                                                                       | 2.2.1.5                                | There are not any updates to the project. The relevant statement has been added under Section 2.2. of the MR.                                                                                                                                                                           | <p>Review-1:</p> <p>Ok Closed (Section 2.2 of the MR has been revised to clarify that there haven't been any updates to the project design).</p>                                                                                                                                               |
| <p>CAR-8</p> <p>Please include the shareholder structure change details in the Section 3.1 of the MR along with the relevant evidence document.</p>                                                                                                                                                                                                                                          | 3.1.1                                  | There has been no change in the shareholder structure. Generation license has been provided as evidence document.                                                                                                                                                                       | <p>Review-1:</p> <p>Ok Closed (Section 3.1 of the MR has been revised accordingly and the generation licence of the project activity has been provided as the evidence document).</p>                                                                                                          |
| <p>CAR-9</p> <p>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.</p>                                                                                                                                                                                                  | 3.1.9                                  | <p>Clarified.</p> <p>Response to Review-1:</p> <p>The same details have been included in the Section 3.2.2.</p>                                                                                                                                                                         | <p>Review-1:</p> <p>The other entities involved in the project has been clarified in the Section 3.1 of the MR but please also include or refer the same details in the Section 3.2.2 of the MR.</p> <p>Review-2:</p> <p>Ok Closed (Section 3.2.2 of the MR has been revised accordingly).</p> |
| <p>CAR-10</p> <p>Please correct the section numbers in the 3.2.1 and 3.2.2 of the MR.</p>                                                                                                                                                                                                                                                                                                    | 3.2.2.1                                | Corrected.                                                                                                                                                                                                                                                                              | <p>Review-1:</p> <p>Ok Closed (MR has been revised accordingly).</p>                                                                                                                                                                                                                           |
| <p>CAR-11</p> <p>a) Please provide the reference for Cap<sub>PJ</sub> parameter's monitored value of 30,096,000 W including the turbine specification document.</p> <p>b) Please provide the evidence reference document for AP<sub>J</sub> parameter.</p>                                                                                                                                   | 4.2.6                                  | <p>a) The generation licence and turbine specification document have been provided. Since there is no capacity increase, the same installed capacity during the registration is valid.</p> <p>b) The relevant screenshots showing the reservoir area have been provided to the DOE.</p> | <p>Review-1:</p> <p>a) Ok Closed (The generation licence and the provisional acceptance protocol of the project have been provided as the reference documents).</p> <p>b) Please provide the evidence reference</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        | <p>Response to Review-1:</p> <p>b) The reference document for AP<sub>j</sub> value has been provided.</p> <p>Response to Review-2:</p> <p>The evidence reference document for AP<sub>j</sub> value has been provided. MR and ER has been revised accordingly.</p> | <p>document for AP<sub>j</sub> parameter since the provided one doesn't refer to the monitored value provided in the MR and registered PD.</p> <p>Review-2:</p> <p>b) Please provide the evidence reference document for AP<sub>j</sub> parameter since the provided one doesn't refer to the monitored value provided in the MR and registered PD.</p> <p>Review-3:</p> <p>b) Ok Closed (The reference evidence document for the value of AP<sub>j</sub> parameter (875,264.1111 m<sup>2</sup>) has been provided).</p> |
| <p>CAR-12</p> <p>Please correct all future tense sentences in the Section 4.2 of the MR since the project is already operational.</p>                                                                                                                                                                                                                                                                                                                                                              | 4.2.7                                  | Corrected.                                                                                                                                                                                                                                                        | <p>Review-1:</p> <p>Ok Closed (Section 4.2 of the MR has been revised accordingly).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>CAR-13</p> <p>Please provide the changed main meter details in the Section 4.2 of the MR.</p>                                                                                                                                                                                                                                                                                                                                                                                                   | 4.2.10.6                               | <p>The details of changed main meter have been included in Section 4.2 of the MR.</p> <p>Response to Review-1:</p> <p>The details of the main and backup meter have been corrected.</p>                                                                           | <p>Review-1:</p> <p>Please correct the main and back up meter details in the Section 4.2 of the MR.</p> <p>Review-2:</p> <p>Ok Closed (Section 4.2 of the MR has been revised accordingly).</p>                                                                                                                                                                                                                                                                                                                          |
| <p>CAR-14</p> <p>The details of the monitoring system is available and in line with the registered PD but please see in below:</p> <p>a) Please correct the font size in last paragraph of the Section 4.3 of the MR.</p> <p>b) Please check and correct all sentences like expected or will be applied in the Section 4.3 of the MR since the project is already operational.</p> <p>c) Please include the number of employees in the Section 4.3 of the MR along with the relevant evidence.</p> | 4.3.1                                  | <p>a) Corrected.</p> <p>b) Corrected.</p> <p>c) The number of employees has been included in Section 4.3 of the MR.</p> <p>Response to Review-1:</p> <p>a) Corrected.</p>                                                                                         | <p>Review-1:</p> <p>a) Please check and correct the font type and size throughout the MR (e.g. fifth paragraph of the Section 4.3 of the MR).</p> <p>b) Ok Closed (Section 4.3 of the MR has been revised accordingly).</p> <p>c) Ok Closed (The number of employees have been provided in the Section 4.3 of the MR).</p> <p>Review-2:</p> <p>a) Ok Closed (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-15<br>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                                  | The relevant information has been added in Section 4.3 of the MR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Review-1:<br>Ok Closed (Section 4.3 of the MR has been revised accordingly).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CAR-16<br>a) Please provide 2020 September electricity generation and consumption details including EPIAS screenshots and TEIAS meter readings.<br>b) Please take the monitoring period start date into consideration for the ER calculations since it starts at 24/01/2015.<br>c) Please include the table number available in Section 5.4 of the MR.<br>d) Please correct the applied methodology version in the Section 5.4 of the MR.<br>e) Please include the vintage based comparison of expected and achieved ER values in the MR and Excel spreadsheet.<br>f) Please correct the ER value and net electricity generation in the Excel spreadsheet and throughout the MR considering above corrections. | 5.1.1                                  | a) EPIAS screenshots and TEIAS meter readings have been provided.<br>b) ER calculation spreadsheet has been corrected.<br>c) The table number is included in Section 5.4 of the MR.<br>d) Corrected.<br>e) The vintage-based comparison of expected and achieved ER values has been added in the MR and Excel spreadsheet.<br>f) Corrected.<br><br>Response to Review-1:<br>g) Due to the lower electricity generation than expected, the project has still ongoing financial needs in terms of additionality. Although unit prices of VER credits were not feasible to verify credits, it is now a priority for the PP to verify the VERs and generate some revenue to repay the short-term loans for 2021. | Review-1:<br>a) Ok Closed (2020 September electricity generation and consumption details including EPIAS screenshots and TEIAS meter readings).<br>b) Ok Closed (Excel spreadsheet has been revised accordingly).<br>c) Ok Closed (The table number has been included as Table-4 in Section 5.4 of the MR).<br>d) Ok Closed (The applied methodology version has been corrected in the Section 5.4 of the MR).<br>e) Ok Closed (The vintage based comparison results have been provided).<br>f) Ok Closed (MR and Excel spreadsheet have been revised accordingly).<br>g) Please clarify the gap between the initial verification and validation of the project activity since the validation is completed in 2015 including the ongoing financial need of the project activity in terms of additionality.<br><br>Review-1:<br>g) Ok Closed (The provided explanation is deemed as acceptable). |
| CAR-17<br>Please include the power density calculation in the Excel spreadsheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.2.1                                  | The power density calculation has been included in the Excel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Review-1:<br>Ok Closed (The power density calculation has been provided in the Excel spreadsheet).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CL-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.5.1                                  | The relevant justification has been added Section 1.5 of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Review-1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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

| Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team                                                                                                                                                                                                                                                                                                      | Ref. to Checklist Questions in Table-1 | Summary of Project Participants' Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Verification Team Conclusion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The project start date is available as 24/01/2015 in the Section 1.5 of the MR but please provide the justification for the mentioned start date.                                                                                                                                                                                                                                                    |                                        | the MR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ok Closed (The justification has been included in the Section 1.5 of the MR).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CL-2<br>Please clarify the total crediting period of the project activity.                                                                                                                                                                                                                                                                                                                           | 1.6.1                                  | Clarified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Review-1:<br>Ok Closed (The total crediting period of the project activity has been provided in the Section 1.6 of the MR).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CL-3<br>Please provide the following records:<br>- Waste water storage tank photographic evidences<br>- Hazardous and domestic waste storage area photographic evidences<br>- Official hazardous waste transfer and disposal records<br>- Fish passage photographic evidences, if any, along with the design documents<br>- Life line water official records<br>-The noise assessment report, if any | 2.1.1                                  | All requested documents have been provided.<br>Response to Review-1:<br>- Photographic evidence of hazardous waste storage area has been submitted.<br>-Official hazardous waste transfer and disposal statements made to the Ministry has been provided.<br>- Life line water official records have been submitted.<br><br>Response to Review-2:<br>The official hazardous waste transfer and disposal records including waste oil submitted to Ministry of Environment and Urbanization have been provided. | Review-1:<br>Please provide the following records:<br>- Hazardous waste storage area photographic evidences<br>- Official hazardous waste transfer and disposal records including waste oil<br>- Life line water official records signed by State Hydraulic Works<br>Review-2:<br>The hazardous waste storage area photographic evidences and life line water official records signed by State Hydraulic Works for 2020 have been provided but please provide the official hazardous waste transfer and disposal records including waste oil submitted to Ministry of Environment and Urbanization.<br>Review-3:<br>Ok Closed (The waste oil transfer and disposal record dated as 26/04/2021 has been provided). |

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

## ANNEX 2: VERIFICATION TEAM AND ITR COMPETENCE

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

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



## Annex 2-1: Appointment Certificates

|                                                                                                                                                                                 |                                   |                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------|
| Re Carbon G zetim Denetim ve<br>Belgeendirme Ltd.  ti.<br>Prof. Dr. Aziz Sancar Cad.<br>27/6<br>TR : 06890  ankaya-Ankara<br>Tel : 0090-312-297 5122<br>Fax : 0090-312-297 3373 | <b>Certificate of Appointment</b> |  |
|                                                                                                                                                                                 | Carbon Division                   | Page: 1/1                                                                          |

This Certificate of Appointment is given to **Mr. Anil S YLER** 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       |

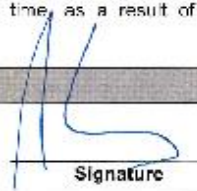
| Speciality | Regional (Country) expertise | Financial expertise | Technical area |
|------------|------------------------------|---------------------|----------------|
| N/A        | Turkey                       | N/A                 | 1.2 and 13.1   |

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       | Signature                                                                             |

|                                                                                                                                                                                          |                                   |           |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|-------------------------------------------------------------------------------------|
| Ra Carbon G zetim, Denetim ve<br>Belgeleendirme Ltd.  ti<br><br>Prof. Dr. Aziz Sancar Cad.<br>27/6<br>TR / 06690  ankaya-Ankara<br><br>Tel.: 0090-312-287 5122<br>Fax: 0090-312-287 1373 | <b>Certificate of Appointment</b> |           |  |
|                                                                                                                                                                                          | Carbon Division                   | Page: 1/1 |                                                                                     |

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

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

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

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

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

1. Participate in the assessments conducted by Ra 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. Anil S YLER           | Certification Manager | 08-02-2021 |  |
| Name                      | Position              | Date       | Signature                                                                             |

R-C-19 / 21.01.2020-02