
VERIFICATION AND CERTIFICATION REPORT

Muradiye Elektrik Üretim A.Ş.

ŞELELE HEPP

IN

TURKEY

MONITORING PERIOD:

From 18/03/2023 to 31/07/2024 (both days included)

Organizational Unit:	Re Carbon Ltd.		
Project Title:	Selale HEPP		
Project Number:	Client:	Current MR Version:	
1250	Muradiye Elektrik Üretim A.Ş	10	
Date of First Issue:	Date of Current Version:	Version Number:	Number of Pages:
25/12/2024	11/06/2025	06	70
Verification Number:	Registration Number:	Monitoring Period:	
1 st of 2 nd CP (1 st in total)	GS729	From: 18/03/2023	To: 31/07/2024
Summary:			
Host Country: Turkey			
Project is Reviewed Against:			
☒ Kyoto Protocol ☒ UNFCCC CDM rules and regulations and associated documents			
☒ Gold Standard rules and regulations ☐ Other (Please Specify)			
Methodology: ACM0002 – “Grid connected electricity generation from renewable sources”			
Version: 21.0			
Verified Emissions Reductions: 17,567 tCO ₂ e			
Project Size: ☐ Large Scale ☒ Small Scale ☐ Micro Scale			
Project Developers:	Muradiye Elektrik Üretim A.Ş. (Project Owner) GTE Karbon Sürdürülebilir Enerji Eğitim Danışmanlık Ve Tic. A.Ş. (Project Representative)		
Verification Stages:			
☒ Desk Review ☒ Site Visit ☒ Follow-up Interviews			
☒ Resolution of Outstanding Issues			
Verification Findings:			
During the verification 25 Corrective Action Requests and 0 Clarification Requests were issued, all of which were closed out before the issuance of this verification report. 01 Forward Action Requests were issued during the verification, all of which shall be addressed during the next verification of the project activity.			
In summary, it is Re Carbon Ltd.’s opinion that the project activity “Selale HEPP” in Turkey, is in compliance with the monitoring plan described in the registered PDD, version 09 and dated 19/02/2024. The GHG emission reductions are calculated correctly as per the applied methodology and the emission reductions given in the monitoring report version 10 dated 11/06/2025 are fairly stated.			
Verification Team Leader:	İrem TAŞKIRAN	Indexing Terms:	
Verification Team Members:	Ms. Kübra KARAKOÇ (Verifier Trainee)	☒ No distribution without permission of the client or responsible organizational unit	
Approved By	Name:	Signature:	☐ Limited Distribution

PROJECT NUMBER: 1250



(Technical Reviewer):	Mrs. Fikriye Seda ATABEK		☐ Unrestricted Distribution
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Abbreviations

CAR	: Corrective Action Request
CDM	: Clean Development Mechanism
CEF	: Carbon Emission Factor
CER	: Certified Emission Reduction(s)
CL	: Clarification request
CO₂	: Carbon dioxide
CO₂e	: Carbon dioxide equivalent
DNA	: Designated National Authority
DOE	: Designated Operational Entity
DR	: Document Review
EF	: Emission Factor
ER	: Emission Reductions
ERPA	: Emission Reduction Purchase Agreement
FAR	: Forward Action Request
GHG	: Greenhouse gas(es)
GS	: Gold Standard
GS4GG	: Gold Standard for Global Goals
GWP	: Global Warming Potential
I	: Interview
IPCC	: Intergovernmental Panel on Climate Change
kWh	: Kilo Watt Hour
MP	: Monitoring Plan
MoV	: Means of Verification
MW	: Mega Watt
MWh	: Mega Watt Hour
NGO	: Non-governmental Organisation
ODA	: Official Development Assistance
PDD	: Project Design Document
PD	: Project Developer(s)
tCO₂e	: Tonnes of CO ₂ equivalents
UNFCCC	: United Nations Framework Convention on Climate Change

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1. EXECUTIVE SUMMARY– VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 1st verification of 2nd CP of the “Selale HEPP”, a Gold Standard project with the registry reference number “GS729” for the period in between 18/03/2023 and 31/07/2024. The scope of the activities covers the verification and certification of GHG emissions reductions reported in the Monitoring Report Version 10, dated 11/06/2025 of Selale HEPP

Re Carbon Ltd. hereby confirms that the project activity “Selale HEPP” in Turkey, is implemented in accordance with the validated and registered PDD version 09 dated 19/02/2024. The monitoring system is in place and the emission reductions are calculated without material misstatements as per the applied approved methodology, which is “ACM0002: Grid connected electricity generation from renewable electricity generation - Version 21.0”.

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

The implementation of the project has resulted in the avoidance of 17,567 tCO₂e during the monitoring period in between 18/03/2023 and 31/07/2024.

2. INTRODUCTION

2.1. Objective

Through a contract, dated 05/08/2024, Re Carbon Ltd. was appointed by “Muradiye Elektrik Üretim A.Ş.” to perform the 1st verification of the “Selale HEPP”. The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report dated “11/06/2025” conforms with the requirements of the monitoring plan of the registered PDD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PDD, and
- if the data reported in the monitoring report are complete and transparent.

2.2. Scope

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PDD version 09, dated 19/02/2024.

The project activity and the monitoring report are assessed against the requirements of Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed on in the Marrakech Accords under decision 3/CMP.1, the annexes to that decision, “ACM0002 – “Grid connected electricity generation from renewable sources” – Version 21.0”, subsequent decisions and guidance made by COP/MOP and the CDM Executive Board as well as other related rules, according to the guidance given in the GS4GG Validation and Verification Standard version 2.0, CDM Project Standard for project activities version 3.0, Gold Standard for the Global Goals (GS4GG) version 1.2 and other relevant GS4GG requirements.

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

2.3. Description of the Project Activity

“Selale Hydro Electricity Power Plant” is operated by “Muradiye Elektrik Üretim A.Ş.”. The project activity is located in Muradiye district, Van Province in the East Anatolian Region of Turkey. The commissioning date of the project is 25/03/2011 as per the provisional acceptance protocol of the turbines. There are 3 Horizontal Francis turbines with the installed capacity of 3x(4.550 MWm/4.459 MWe) for each. The power plant is connected to the national grid at Erciş TM, 154 kV substation. VVB has verified the commissioning dates and the capacity of the turbines via provisional acceptance protocols and generation license of the project activity. Şelale HEPP is part of the Muradiye Ayrancılar HEPP project, which includes Muradiye I HEPP, comprising the Ayrancılar Regulator and Ayrancılar Powerhouse. Initially planned as a single project, the design was modified to preserve the Muradiye Waterfall, resulting in the separation of the projects. Accordingly, Ayrancılar HEPP is located upstream of Şelale HEPP, which has a capacity of 28.650 MWm / 28.077 MWe and an expected annual electricity generation of 114.437 GWh. The two projects are approximately 1.1 km apart and operate independently.

Electricity generated at Ayrancılar HEPP is fed to the transmission center of Şelale HEPP, and both are connected to the national grid at the 154 kV Erciş TM Transmission Center via a 5 km-long energy transmission line. Both Muradiye I (Şelale HEPP) and Muradiye II (Ayrancılar HEPP) share the same electricity meter. Therefore, the total installed capacity of the registered project activity is 13.650 MWm / 13.377 MWe. This information has been confirmed via the generation license. To calculate the net electricity generation of the registered project, a proportional constant can be used to calculate the gross electricity production of Ayrancılar HEPP separately. This constant is derived from the ratio of Ayrancılar HEPP's plant capacity to the total plant capacity of both Ayrancılar and Şelale HEPP. The capacities of Ayrancılar HEPP and Şelale HEPP are provided as 28.077 MW and 13.377 MW, respectively. The calculation of emission reduction has been shown below:

Installed capacity of Ayrancılar HEPP: $3 \times 9.550 \text{ MWm} / 3 \times 9.359 \text{ MWe} = 28.650 \text{ MWm} / 28.077 \text{ MWe}$

Installed capacity of Şelale HEPP: $3 \times 4.550 \text{ MWm} / 3 \times 4.459 \text{ MWe} = 13.650 \text{ MWm} / 13.377 \text{ MWe}$

Total installed capacity = 42.300 MWm / 41.454 MWe the electricity generations for each plant is calculated as follows:

Generation of Şelale HEPP

= (Total generation value x installed capacity of Şelale HEPP) / Total installed capacity

To calculate the gross electricity production solely for Şelale HEPP, the combined gross electricity production of both plants is multiplied by the constant: $13,377 / (28,077 + 13,377) = 0.3227$.

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

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PDD version 09 and dated 19/02/2024. The project activity and the monitoring report version 10 dated 11/06/2025 are assessed against the requirements of the approved consolidated baseline and monitoring ACM0002 – “Grid connected electricity generation from renewable sources” Version: 21.0.

This is the 1st monitoring period of the 2nd Crediting Period. Monitoring period is between 18/03/2023 to 31/07/2024. This is the second crediting period. Şelale HEPP started generating electricity on 25/03/2011. First crediting period was postponed by 1 year without any approval requirements as per Design Change Requirements, changes to the start date of the registered crediting period. Therefore, the first crediting period was between 25/03/2012-24/03/2019. Hence, second crediting period start date is 25/03/2019 and the total length is 7 years. End date of crediting period is 24/03/2026. The second crediting period is between 25/03/2019-

24/03/2026. The project also contributes to SDG 7 (Affordable and Clean Energy with 38,059 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 9 employed staff during the recent year of operation period, and all are permanent staff) and SDG-13 (Climate Action with achieved emission reduction of 17,567 tCO₂e) during the monitoring period. Milestone table of the project activity has shown below:

Milestone	Date
License Issuance	14/06/2007
EIA Exemption	08/08/2007
Construction Agreement*	26/11/2007
Start date of the project activity	26/11/2007 ¹
Start of Construction	01/12/2007
Equipment Purchase Contract	14/01/2008
License Amendment	13/03/2008
LCS Meeting	16/04/2009
Commissioning of Selale HEPP Unit 1-2-3	25/03/2011
Commissioning of Ayrancılar HEPP Unit 1 and Unit 2	25/08/2011
Commissioning of Ayrancılar HEPP Unit 3	14/04/2012
First Crediting Period	25/03/2012 – 24/03/2019
Connection Agreement	05/07/2019
Second Crediting Period	25/03/2019 – 24/03/2026
System Usage Agreement	05/03/2021
First Monitoring Period of the Second Crediting Period	18/03/2024 – 31/07/2024

2.4. Parties Involved

Muradiye Elektrik Üretim A.Ş. is the project owner and host country is Turkey.

2.5. Verification Period Covered

This is the 1st monitoring period of the 2nd Crediting Period (1st verification of whole project) is from 18/03/2023 to 31/07/2024 (both days includes). There has been no monitoring period was specified

¹ Registered 2nd CP PDD, page 47

for the first crediting period because the project did not receive financial support from GS-VERs during that time. Following the 2016 coup attempt, the company underwent a management change, and its assets were seized by the government. Under the state of emergency, the Savings Deposit Insurance Fund of Türkiye (TMSF) took control of the company, leading to delays in the decision-making process except for urgent matters. As a result, the project owner was unable to apply for verification or renew the crediting period.

3. METHODOLOGY

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

- Assessment of the conformity of the actual project activity and its operation with the registered PDD, dated 19/02/2024 version 09
- A physical site visit, executed on 20/08/2024 in order to assess that all physical features of the project activity proposed in the registered PDD are in place and that the project developer has operated the project activity in line with the registered PDD.
- Assessment of the compliance of the monitoring plan with the monitoring methodology “Grid connected electricity generation from renewable sources”
- Assessment of the compliance of the monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the verification report
- Independent technical review
- Approval of the verification report and request for issuance

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

The Verification Protocol consists of the following table:

- Table 1 (Resolution of Corrective Action, Forward Action and Clarification Requests)

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

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

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

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

3.1. Verification Team and ITR Selection

The appointment process of the verification team takes into account the technical area(s), sectoral scope(s), and relevant host country experience required by the team members for the verification of the emission reductions achieved by the project activity in the related monitoring period for this verification. The relevant GS verification and previous ITR experiences are also assessed during the selection of the team members as well as the Independent Technical Reviewer (ITR). The verification team and ITR was assigned to this verification activity on 26/07/2024, taking all the above factors into consideration and following the contract review procedure.

The verification team and ITR details are given in Table 3-3 below:

Table 3-3: Verification team and ITR details

Name	Role	Host Country Experie nce	GHG Project Type Coverage	Technical Expertise	Involvement*
Seda ATABEK	ITR	☒	☒	☒	ITR
İrem TAŞKIRAN	Team Leader	☒	☒	☒	A, DR, SV, R
Kübra KARAKOÇ	Verifier Trainee	☐	☐	☐	A, DR, SV, R

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

- A : Administrative
- DR : Desk Review
- SV : Site Visit

RA : Remote Assessment²
R : Reporting
ITR : Independent Technical Review

3.2. Audit Techniques

According to GS4GG Audit Techniques Template explanation³ "If the latest version of the "Site Visit and Remote Audit Requirements" (v.2.0) is being used, it is not mandatory to the "Audit Techniques Template", however the VVB shall ensure that all the relevant information related to the means of verification and auditing techniques used is reported in the validation/verification report." Hence "Site Visit and Remote Audit Requirements" (v.2.0) have been used to complete the project's verification process. Furthermore, a physical site visit has been conducted to eliminate the remote site-visit verification risks. Site visit mode, audit techniques are also detailed in Section 3.2 of this report. Furthermore, site visit has been conducted by verification team members who has a local expertise. In conclusion, VVB completed the auditing process by complying with "Site Visit and Remote Audit Requirements" (v.2.0)" and VVB has a positive opinion on all the CARs raised.

The following audit techniques have been used during the verification of this project:

- ☒ observation;
- ☒ inquiry;
- ☒ analytical testing;
- ☒ confirmation;
- ☒ recalculation;
- ☒ examination;
- ☐ retracing;
- ☐ tracing;
- ☒ control testing;
- ☐ sampling;
- ☐ estimate testing;
- ☒ cross-checking;
- ☐ reconciliation.

³ Audit techniques – Gold Standard for the Global Goals

3.3. Desk Review of Documents

The basis for the verification activity is the monitoring report version 01, dated 07/08/2024, which was submitted to the verification team on 07/08/2024. This monitoring report was revised several times due to issued CARs and CLs, resulting in version 10, dated 11/06/2025 as the final version. The monitoring report and the monitoring activities were assessed against the registered PDD, version 09, dated 19/02/2024, the “ACM0002 – “Grid connected electricity generation from renewable sources, version 21.0”, the relevant CDM rules and regulations, GS4GG Validation and Verification Standard version 2.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2, and the following:

- final validation report of the project “version 1.1 dated 21/02/2024 has been prepared by Earthood”

The following actions were involved in the desk review:

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

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

3.4. On-Site Visits

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

Table 3-4: Site visit details

Date	20/08/2024	
Location	Van	
Participant	Company Name	Role in the Organization / Role in the Site Visit
İrem TAŞKIRAN	Re-Carbon	Team leader
Kübra KARAKOÇ	Re-Carbon	VV Trainee
Mehmet ALICI	Kandahar Village	Mukhtar
Şükrü DEMİR	Kandahar Village	Industrialist (Male Resident)
Yıldız ERDOĞAN	Yenişehir Village	Pharmacist (Female Resident)
Muhammet Yemen BOYACI	Muradiye Elektrik Üretim A.Ş.	Overseer (Male Resident)
Mesut ÖZÇELİK	Muradiye Elektrik Üretim A.Ş.	Electrical Engineer
Necati ÖZKALE	Muradiye Elektrik Üretim A.Ş.	Business Chief
Mehmet KUTALMIŞ KARACAN	RHG Enertürk Elektrik	Electrical Engineer
Points Verified		Source of Information
Implementation and operation of the proposed CDM project activity as per the registered PDD		Document review, remote site visit and interviews with the employees ⁴
Review of information flows for generating, aggregating and reporting the monitoring parameters		Document review, remote site visit and interviews with the employees

⁴ The project activity is located in Van Province, Turkey. On 06/02/2023, two major earthquakes occurred in Turkey and the most affected province was Van. Therefore, the people living nearby could not attend the online site visit. However, the employees working at the power plant also live in nearby settlements.

Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the PDD	Document review, remote site visit and interviews with the employees
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 remote site visit
Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PDD and the selected methodology	Document review, remote site visit and interviews with the employees
Review of calculations and assumptions made in determining the GHG data and emission reductions	Document review
Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Document review and interviews with employees

During the physical site visit, the logbook was seen and there were no complaints. Also, local people of the Muradiye, Yenisehir, Kandahar Villages were interviewed, and it was stated that there were no complaints from the local stakeholders and headman of the Muradiye Village. Logbook was located in the office of the headman of Kandahar village. VVB has checked and confirmed that there is no legal contest or dispute has arisen during monitoring period. Signed declaration has been provided to VVB and VVB has been confirmed this information via public search.

3.5. Reporting of Findings via the Verification Protocol

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

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

In line with the GS4GG Validation and Verification Standard the team reports the non-conformities in form of Corrective Action Requests (CARs), Clarification Requests (CLs) and

Forward Action Requests (FARs). When and for which type of non-conformities CARs, CLs and FARs are issued is explained below:

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

According to these principles, a total of 25 CARs, 00 CLs and 01 FARs were issued, all of which are listed in the Verification Protocol.

3.6. Follow-Up Interviews

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

3.7. Resolution of Outstanding Issues

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

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

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

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

Table 3-5: Verification Timeframe

Activity	Timeline		Total Days
	From	To	
Desk Review	18/08/2024	26/12/2024	131
Review of the MR version 01	18/08/2024	23/08/2024	6
Site Visit	20/08/2024	20/08/2024	1
Issuance of the Verification Protocol version 01	23/08/2024	23/08/2024	1
Review of PDs Initial Set of Responses	23/08/2024	04/09/2024	13
Issuance of the Verification Protocol version 02	04/09/2024	11/09/2024	8
Review of PDs Second Loop Responses	11/09/2024	19/09/2024	9
Issuance of the Verification Protocol version 03	19/09/2024	25/09/2024	7
Review of PDs Third Loop Responses	25/09/2024	17/10/2024	23
Issuance of the Verification Protocol version 04	17/10/2024	22/10/2024	6
Review of PDs Fourth Loop Responses	22/10/2024	20/11/2024	30
Issuance of the Verification Protocol version 05	20/11/2024	25/11/2024	6
Review of PDs Fifth Loop Responses	25/11/2024	23/12/2024	29
Closing of all the CARs and CLs	23/12/2024	23/12/2024	1
Issuance of the Verification Report version 01	25/11/2024	26/12/2024	32
ITR Process	26/12/2024	29/12/2024	4
Issuance of the Verification Report version 02	07/01/2025	08/01/2025	2
Submission for Final Approval	08/01/2025	09/01/2025	2
Submission to the PD	09/01/2025	13/01/2025	5
Revisions based on GS review comments round 1	11/03/2025	12/03/2025	2
Revisions based on GS review comments round 2	18/04/2025	21/04/2025	4
Revisions based on GS review comments round 3	11/06/2025	11/06/2025	1

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

3.8. Internal Quality Control

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

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

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

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

4. VERIFICATION FINDINGS

4.1. Remaining Issues from Previous Validation or Verifications

There are 3 FARs issued during the design renewal process.

FAR-1: In-line with GS4GG Principles and Requirements, delay in the completion of re-validation beyond the last date of current certification cycle shall result in a reduction of any issuance of Certified Products and/or Impact Statements available during following certification cycle. Thus, PD cannot claim credits during the delay period from 25/03/2019 to 17/03/2023.

At the time of performance review for second crediting period, VVB shall check the start date of monitoring period in accordance to the date of the onsite verification date.

Response to FAR-1: 1st monitoring period of the 2nd crediting period is between 18/03/2023 – 31/07/2024 which is in line with above requirement. PD will not claim credits between 25/03/2019 to 17/03/2023.

FAR-2: In-line with GS4GG Principles and Requirements, VVB and PP shall consider the following rules since the GS4GG Transition is concluded in 2021.

5.1.39: Transparent, annual update reports need to be provided for Projects that have achieved the Project Design Certification stage or have successfully transitioned to Gold Standard for the Global Goals. An annual report shall be submitted for each monitoring year by end of next calendar year for which verification is not completed. If a verification is in progress but not completed, then an Annual Report is still required by the end of calendar year.

Response to FAR-2: The most recent annual report dated 01/01/2025 for the project was submitted. Currently, the initial verification for the second crediting period is ongoing. This process aims to validate the project's reported outcomes and ensure compliance with the established criteria for credit issuance. VVB has verified the annual report.

FAR-3: Since no revenue is realized from Gold Standard certification during first crediting period, this would be considered a FAR for the next Issuance as per GS4GG P&R para 4.1.52.

Response to FAR-3: The crediting period was renewed in 2023, completing design certification. Performance Certification will occur within two years of this date and every three years thereafter. Following the 2016 coup attempt in Turkey, the government restructured the company's management and impounded its assets, delaying verification in the first crediting period. Electricity generation has been below expectations, and since YEKDEM is no longer available for Selale HEPP, electricity is now sold at fluctuating rates. The project did not receive GS-VER income during the first crediting period, and under the new governance by TMSF, decision-making has been delayed except for urgent matters. Project is still in need of carbon revenues and VVB confirms that project is not additional.

4.2. Compliance of the Project Implementation with the Registered PDD

The project is fully implemented according to the description presented in the registered PDD version 09, dated 19/02/2024 and 3 Francis turbines were operational during the on-site visit as in the registered project. The verification team confirms through the site visit inspection and provided evidences that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PDD. Electricity meters were also seen during the on-site visit. The project activity is completely operational and the same has been confirmed through on-site visit. The project start date is 26/11/2007 which is the date of construction agreement according to registered PDD for CP2.

- **The commissioning date of the turbines Unit 1- Unit 2- Unit 3: 25/03/2011**

This date is also confirmed by checking the provisional acceptance protocols of the turbines and generation license of the project activity. According to the registered PDD, the estimated annual emission reduction is 25,167 tCO₂e and corresponding total estimated amount for the monitoring period is 34,614.37 tCO₂e. The actual values achieved for the current monitoring period is 17,567 tCO₂e. The actual amount of emission reduction for the current monitoring period is 49.2% lower than estimated emission reduction amount. Considering the yearly fluctuations in hydro capacity of the reservoir and seasonal fluctuations can affect the actual electricity generations and possible increase and decrease in the electricity generation during the long-life time of the project, the average decrease throughout the monitoring period as - 49.2% is deemed acceptable.

According to the registered PDD, the estimated annual electricity generation is 54,523 MWh and corresponding total estimated amount for the monitoring period is 74,987.80 MWh. The actual values achieved for the current monitoring period is 38,059 MWh. The actual amount of electricity generation for the current monitoring period is 49.2% lower than estimated electricity generation amount.

The difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PDD. The technical specifications of the hydro turbines are confirmed by looking at the provisional acceptance protocols of turbines and data sheet of the turbines.

4.3. Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 21.0, applied by the project activity. In line with the methodology, the only information to be monitored is the amount of net electricity delivered to the grid by the project activity.

4.4. Compliance of the Monitoring with the Registered Monitoring Plan

Two metering devices (one of them used as spare) are used for monitoring the electricity generated by the power plant. Readings are done using main metering devices and spare metering device is used for comparison. Data from metering devices are recorded monthly by EPIAŞ which is the main source of electricity generation and the basis for invoicing using the template formed by TEIAS which are used for cross checking of generation data. In addition to

the two metering devices, generation of the Ayrancilar HEPP can be cross checked from TEIAS – EPIAS web site (<http://EPIAS.teias.gov.tr>) which is accessible using a password provided to electricity generation companies. Since the data in EPIAS web page shows the net electricity generated less transmission loss, in order to match the data, the figures taken from EPIAS web site must be multiplied by transmission loss factor of the grid. All data are kept for at least two years after the crediting period for QA/QC purposes.

	Meters used before 21/11/2019		Meters used after 21/11/2019	
	Main Meter	Spare Meter	Main Meter	Spare Meter
Brand	AKTARIS	AKTARIS	EMH	EMH
Type	SL7000	SL7000	LZQJ-XC	LZQJ-XC
Class	0.2S	0.2S	0.2S	0.2S
Serial No.	53099071	53099070	8923707	8923708
First Index Protocol / Date of calibration	2010, at the factory by the manufacturer		21/11/2019, at the factory by the manufacturer	
Date of Testing	14/02/2011 21/12/2012 04/03/2014 20/09/2016 09/11/2017		04/10/2022 08/02/2024	

The installation documents and calibration documents of the electricity meters dated 21/11/2019 for main meter and for back-up meter (i.e. the meter change date) were provided by the project owner. The electricity meters have been controlled and maintained by the grid owner. The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement center of TEIAS) records provided to the PD. All readings and billings are done via EPIAS system which is the legal database of the Ministry. EPIAS values are the main source of electricity generation values. In the registered PDD, data on the production of meters sealed and installed by TEIAS. Subsequently, a correction was made to designate the data from the EPIAS as the main source since EPIAS values are more conservative. EPIAS data, recognized as a definitive and authoritative source, is now used as the primary reference. TEIAS system is available for cross-checking EPIAS data.

The calibration and maintenance of the meters are carried out in line with the by law on Metering and Metering Devices. Calibration of the meters are valid for 10 years based on the related regulation. The meters should also comply with EPDK regulations which define the accuracy class of the meters as 0.2, depending on the capacity of the circuit. Data has been stored electronically, during the crediting period and at least two years after the last issuance of credits for the project activity in the concerning crediting period. The project participants also archived a hardcopy of meter reading protocols, scanned them, and stored them. The invoices are kept by the Project owner as hardcopies. Furthermore, the EPIAS system stores the reports electronically, which is accessible to the Project owner whenever necessary.

Moreover, the details of the ex-ante parameter were confirmed with checking the registered PDD version 09, dated 19/02/2024 of the project activity.

4.5. Completeness of Monitoring

All parameters required by the methodology and Gold Standard are monitored. In line with the methodology, the only information to be monitored is the amount of net electricity exported to the grid by the project activity. The sustainable development goal (SDG) data/parameters indicated in the registered PDD relevant for the initial verification are:

- Emissions Reductions in tCO₂ (SDG 13)
- $EG_{PJ, facility, y}$ (SDG 7)
- Quantitative employment and income generation (SDG 8)
- Qualitative of employment (SDG 8)
- A_{pj}

Table 4-1: Sustainable Development Contributions

Sustainable development goals targeted	SDG impact (defined in B.6 of PDD)	Chosen Data / Parameter	Way of Monitoring	Compliance check
SDG 13 Climate Action (mandatory)	“Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning” The project is expected to reduce 25,167 tonnes of CO₂e per annum.	Emissions Reductions in tCO ₂	Checking monthly EPIAŞ meter readings and cross-checking with monthly TEİAŞ meter reading records	The net electricity generation has been checked from the monthly EPIAŞ electricity meter readings (and cross-checked with TEİAŞ records). The details of the electricity generation are provided in Section 4.8 of this verification report. The electricity values have been multiplied by the ex-ante emission factor of 0.4616 tCO₂/MWh.

SDG 8 Decent Work and Economic Growth	“By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value” The project is expected to create job opportunity for around 16 people.	Quantitative employment and income generation	Checking social security records of the employees	Social security records of 9 employees were provided to the VVB and VVB has verified the social security records.
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SDG 8 Decent Work and Economic Growth	“By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value” The project is expected to create job opportunity for around 16 people.	Qualitative of employment	Checking the training and social security records	The training records of the employees dated 04/12/2023, 05/12/2023, 04/01/2024, 19/02/2024, 13/05/2024, 20/05/2024, 12/02/2024, 25/03/2023, 26/02/2024, 23/11/2023, 18/03/2023, and 06/05/2024 were provided to the VVB. Also, it was learned from the employees during the on-site visit that there have been no occupational injuries during the current monitoring period (18/03/2023 – 31/07/2024). Employees are satisfied for taking health and safety trainings every year.
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SDG 7 Affordable and Clean Energy	MWh of renewable energy By 2030, increase substantially the share of renewable energy in the global energy mix.	EG _{PJ, facility, y.}	Checking monthly EPIAŞ meter readings and cross- checking with monthly TEİAŞ meter reading records	The net electricity generation has been checked from the monthly EPIAŞ electricity meter readings (and cross-checked with TEİAŞ records). Since Ayrancılar HEPP and Selale HEPP is using the same electricity meters and have the same generation license, a ratio has been introduced to calculate the generated electricity of Selale HEPP (13.650 MW_m / 13.377 MW_e). During the monitoring of net energy generation (SDG7) value calculation, PP has simply found the ratio between registered and unregistered hepps and by multiplying this ratio with the total electricity production/consumption, PP finds the production and consumption of the registered Selale HEPP. The details of the electricity generation are provided in Section 4.8 of this verification report.
-	-	A _{pj}	Area of the reservoir measured in the surface of the water, after the implementation of the Project Activity, when the reservoir is at its maximum fullness	VVB has verified this parameter via the topographic satellite images showing the lake area, topographical surveys and maps

The project contributes to SDG 7 (affordable and clean energy with 38,059 MWh net electricity generation), SDG 8 (decent work and economic growth with total 9 employed staff during the recent year of operation period and there are several training records which are indicated above), SDG 13 (climate action with achieved emission reduction of 17,567 tCO₂e) during the monitoring period.

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

4.6. GS4GG Safeguarding Principles and Requirements

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

Compliance check of the Data / Parameter(s) indicated in the Safeguarding Principles Monitoring Plan of the registered PDD has been carried out as described in Table 4-2 below:

Table 4-2: Safeguarding Principles

Principle #	Safeguarding Principle	Means of Verification	Compliance Check
Principle 3	Community Health, Safety and Working Conditions	Checking the training and social security records	Turkey has ratified ILO convention 155 and about work safety and precautions. Thus, employees have been trained. VVB has checked all the health and safety training records.
Principle 6.1	Labor Rights	Checking the training and social security records	The project developer ensures the training of workers. Different trainings have been given within the company. VVB has checked all the training records
Principle 8.1	Impact on Natural Water Patterns/Flows	Checking Flow rate records	Monitoring is done by Flow Monitoring Stations of DSI (Ministry of Water Affairs). Required actions have been taken according to the monitoring data collected by the stations. DSI monitors the flowrates and notifies the PP if there is any problem. VVB has checked the records and claims that there is no bad impact on water patterns
Principle 9.2	Vulnerability to natural disaster	Checking EIA report, construction reports and related permits	The project structure is durable for the project location's conditions. The design was done considering the characteristics of the area. Many analyses such as construction reports, concrete mix

Principle #	Safeguarding Principle	Means of Verification	Compliance Check
			calculation, contact water analysis, building permit were done. There is no harm to nature.
Principle 9.4	Release of pollutants	Amount of wastewater to be discharged to the environment	Project does not have any adverse impact on water quality and quantity. Domestic wastewater is collected and disposed to the sewage system. Domestic solid waste handled in accordance with related regulation (Regulation: Solid Waste Control Regulation, numbered 20814, dated 14.03.1991). All the other generated waste handled according to the national regulation "Turkish Water Pollution Control Regulation". Excavation was properly stored in designated areas and used for aff. The project does not have any point or fugitive emission and heating source emissions during operation other than an emergency diesel generator. Moreover, no mitigation measure is required for noise pollution due to related justification. Waste water records of 18/08/2023, 17/10/2023, 13/12/2023 and 20/03/2024 dates are provided to VVB.

Principle #	Safeguarding Principle	Means of Verification	Compliance Check
Principle 9.5	Hazardous and non-hazardous waste	Waste oil disposal, checking waste oil disposal records	Waste oil from equipment is collected properly in line with the relevant regulation and disposed via accredited abatement companies. Waste oil is disposed in line with regulation 34051 on control of waste oils. The plant does not use high amounts of oil, once the containers are full, waste oil is removed by an authorized company or municipality services. Residential wastes and solid wastes due to daily operation of the personnel are also stored in containers under confined conditions. Wastes are either collected by the local municipality or dumped to sites designated by the local authorities. Hazardous waste disposal record dated 2023 has provided to VVB.
Principle 9.10	High Conservation Value Areas and Critical Habitats	Effect on fish communities to pass through the river	Fish passages were designed in order to allow fish communities to pass through the river. The riverbed is protected by preserving and also planting new plants in order to prevent sedimentation.

Applied GS4GG activity and product requirements for this project is listed in below:

- Projects has made positive contributions to a minimum of three Sustainable Development Goals which are SDG 7, SDG 8 and SDG 13.
- Projects has been appointed an eligible GS VVB, which is Re-carbon Ltd, to conduct the verification of Renewable Energy Label Projects.
- Projects seeking issuance of both Gold Standard VERs and Gold Standard Renewable Energy Labels has been verified concurrently by same GS VVB, which is Re-carbon Ltd.
- Projects has included, within the Monitoring Report, the reporting of MWh generated and supplied to the grid (including evidence from the grid regulator).
- According to GHG Emissions Reduction & Sequestration Product Requirements para 4:
 - Only Carbon Dioxide (CO₂), Methane (CH₄) and/or Nitrous Oxide (N₂O) are eligible for GSVERs or GSCERs, provided Projects comply with all GS4GG Requirements and eligibility criteria. Selale HEPP project is only doing reduction for only Carbon Dioxide (CO₂), so this project is eligible for GS4GG activity and product requirements.
 - Projects involving the reduction of eligible and non-eligible greenhouse gases (GHGs) shall be eligible for the crediting of emission reductions associated with eligible GHGs only. This project is only doing reduction for only Carbon Dioxide (CO₂), so this project is eligible for GS4GG activity and product requirements.
- According to Renewable Energy Activity Requirements para 2.1.2:
 - In order to be eligible for Gold Standard certification, all Renewable Energy Projects, shall meet the following Eligibility Criteria:
 - a. Projects shall generate and deliver energy services (e.g., mechanical work/electricity/heat) from non-fossil fuel and renewable energy sources. This project is generating electricity from hydro energy which is non-fossil fuel energy type, so this condition is applicable for this project.
 - b. Projects shall comprise of renewable energy generation units, such as solar photovoltaic, tidal/wave, wind, hydro, geothermal, waste to energy and renewable biomass, that are:
 - Supplying energy to a national or a regional grid;OR
 - Supplying energy to an identified consumer facility via national/regional grid through a contractual agreement such as wheeling. This project is physically connected to Turkish National Grid and comprise of renewable energy generation units from hydro energy. So, this condition is applicable.
 - c. Any Project supplying electricity to a mini-grid¹ shall refer to Community Services Activity Requirements. This project is supplying electricity to Turkish National Grid so this condition is not applicable.
 - d. Projects generating on-site energy for captive consumption at an industrial facility shall refer to the requirements in this document. This project is generating on-site energy for captive consumption at an industrial facility, so this is applicable.

Therefore, it is concluded by the verification team that this project is complying to the GS4GG activity and product requirements as described above.

4.7. Compliance with the Calibration Frequency Requirements for Measuring Instruments

The initial calibration and first index of the electricity meters was done in 2010 and changed in 21/11/2019 as confirmed with the first index protocol documents and meter change protocols. Although, re-calibration is required after ten years⁵, nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS responsible are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the devices. Last meter control test for the meters were performed on 08/02/2024 for both meters. Currently, the serial numbers of the meters are 8923707 for the main meter and 8923708 for the backup meter, respectively and both are EMH brand. All documents regarding meter quality and test have been presented for the first verification of second crediting period.

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. The net electricity generation has been checked from the monthly EPIAŞ electricity meter readings (and cross-checked with TEİAŞ records).

4.8. Assessment of Data and Calculation of Emission Reductions

EPIAS records (electricity generation values) have been presented to the VVB for all months of the monitoring period. All data in emission reductions table are checked with EPIAS records. EPIAS records are the main data source whereas TEIAS meter reading protocols has been utilized as the cross-check data source. Since Selale HEPP and Ayrancılar HEPP uses the same electricity meters, to calculate the net electricity generation of the registered project, a proportional constant can be used to calculate the gross electricity production of Ayrancılar HEPP separately. This constant is derived from the ratio of Ayrancılar HEPP's plant capacity to the total plant capacity of both Ayrancılar and Şelale HEPP. The capacities of Ayrancılar HEPP and Şelale HEPP are provided as 28.077 MW and 13.377 MW, respectively. The calculation of emission reduction has been shown below:

Installed capacity of Ayrancılar HEPP: $3 \times 9.550 \text{ MWm} / 3 \times 9.359 \text{ MWe} = 28.650 \text{ MWm} / 28.077 \text{ MWe}$

Installed capacity of Şelale HEPP: $3 \times 4.550 \text{ MWm} / 3 \times 4.459 \text{ MWe} = 13.650 \text{ MWm} / 13.377 \text{ MWe}$

Total installed capacity = $42.300 \text{ MWm} / 41.454 \text{ MWe}$ the electricity generations for each plant is calculated as follows:

Generation of Selale HEPP

= (Total generation value x installed capacity of Selale HEPP) / Total installed capacity

⁵ <https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=6381&MevzuatTur=7&MevzuatTertip=5>

To calculate the gross electricity production solely for Şelale HEPP, the combined gross electricity production of both plants is multiplied by the constant: $13,377 / (28,077 + 13,377) = 0.3227$.

The net electricity generated during the current monitoring period was as follows in Table 4-3 below:

Table 4-3: Net Electricity Generation Values

Period	Amount	Compliance check
18/03/2023 – 31/10/2023	Export to Grid: 12,214.716 MWh Import from Grid: 9.727 MWh Net electricity supplied to grid: 12,204.99 MWh	Monthly electricity meter readings and checking the ratio between Selale HEPP and Ayrancılar HEPP. For Selale HEPP, ratio has multiplied with the electricity generation and consumption of the two plants since both plants use the same electricity meters. To calculate the electricity generation values for days between 18/03/2023 to 31/10/2023, daily apportioning has been done based on number of days.
01/01/2024 – 31/07/2024	Export to Grid: 25,868.07 MWh Import from Grid: 13.149 MWh Net electricity supplied to grid: 25,854.92 MWh	Monthly electricity meter readings and checking the ratio between Selale HEPP and Ayrancılar HEPP. For Selale HEPP, ratio has multiplied with the electricity generation and consumption of the two plants since both plants use the same electricity meters.
Total (18/03/2023 – 31/07/2024)	Export to Grid: 38,082.79 MWh Import from Grid: 22.88 MWh Net electricity supplied to grid: 38,059 MWh	Monthly electricity meter readings and checking the ratio between Selale HEPP

Period	Amount	Compliance check
		and Ayrancilar HEPP. For Selale HEPP, ratio has multiplied with the electricity generation and consumption of the two plants since both plants use the same electricity meters.

VVB confirms that the data used for emission reductions are correct. The grid emission factor taken is 0.4616 tCO₂/MWh and the value is same as fixed ex-ante in the registered PDD.

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

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

4.9. Quality of Evidence

According to the PDD, the estimated emission reduction for this monitoring period would be 34,614.37 tCO₂e corresponding to the monitoring period. However, the project in operation totally reached 17,567 tCO₂e in this period.

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

Table 4-4: Emission Reduction Values

Period	Emission reductions (tCO ₂ e)
18/03/2023 to 31/12/2023	5,633
01/01/2024 to 31/07/2024	11,934
Total (18/03/2023 to 31/07/2024)	17,567

PP will can only claim ERs between 18/03/2023 to 31/07/2024 for the first monitoring period of the second crediting period. Calculations have been reproduced by the VVB and the source data (monthly EPIAŞ meter readings) are presented by the PP.

4.10. Management System and Quality Assurance

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

4.11. Materiality

The VVB checked all data set (EPIAS records from 03/2023 – 07/2024) and each day of production is included in these readings. These readings are exact and are the basis for billing. They are recorded and saved automatically and there is no base for any option of material information

Materiality threshold of the project is 5% of emission reductions since this project is small scale. 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.

The verification team confirms that the claimed emission reductions for Selale HEPP are free from material errors, with a reasonable level of assurance. The baseline scenario, data accuracy, and emission reduction calculations were reviewed and found to align with Gold Standard rules and requirements. All data sources, including monitoring records and grid emission factors, were verified as reliable, and no significant discrepancies were identified. Any minor deviations were within the allowable materiality thresholds. The project adhered to its monitoring plan and Gold Standard requirements, and the emission reductions were validated as accurate and credible.

4.12. Verification of Sampling Plan

No sampling approach is used.

4.13. Post Registration Changes

4.13.1. Temporary deviations

N/A

4.13.2. Corrections

In crediting period renewal process, main source for the electricity generation was decided as TEİAŞ records and EPIAŞ records was the cross-check. Since, EPIAŞ records are more conservative, VVB decided to change the main source of electricity generation as EPIAŞ records and TEİAŞ records will be used as cross-check.

4.13.3. Changes to the start date of the crediting period

N/A

4.13.4. Permanent changes

N/A

4.13.5. Changes to the project design

N/A

5. LIST OF INDIVIDUALS INTERVIEWED

During the site visit an arrangement was made to meet relevant stakeholders such as personnel with knowledge of the activity design and implementation and other local stakeholders who are affected by the implementation of the project to perform the interviews. Before the beginning of these interviews each interviewee was informed that their name and general information will be shared in this public report only if their consent is provided. A confidential document is the attachment of this report for the full list of interviewees.

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

Table 5-1: List of individuals interviewed (with name and general information if consent is provided by interviewees⁶)

Reference Number	Means of Interview ⁷	Full Name	Title	Organization
I01	SV	Mehmet ALICI	Mukhtar	Muradiye Elektrik Üretim A.Ş
I02	SV	Şükrü DEMİR	Industrialist	Industrialist (Male Resident)
I03	SV	Yıldız ERDOĞAN	Pharmacist	Pharmacist (Female Resident)
I04	SV	Muhammet Yemen BOYACI	Overseer	Overseer (Male Resident)
I05	SV	Mesut ÖZÇELİK	Electrical Engineer	Muradiye Elektrik Üretim A.Ş.
I06	SV	Necati ÖZKALE	Business Chief	Muradiye Elektrik Üretim A.Ş.
I07	SV	Mehmet Kutalmış KARACAN	Electrical Engineer	RHG Enertürk Elektrik

⁶ If interviewee doesn't provide consent to disclose the name in public document, the Re Carbon will include an annex (separate document "Re Carbon Site Visit Attendance Form") with interviewees detail marked clearly that document is confidential and shall not be made public.

⁷ SV: Site visit; T: Telephone; EM: E-mail

6. LIST OF DOCUMENTS REVIEWED

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

Table 6-1: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Monitoring Report	01	19/08/2024
D02	Monitoring Report	02	04/09/2024
D03	Monitoring Report	03	19/09/2024
D04	Monitoring Report	04	07/10/2024
D05	ER Calculation Excel Sheet	01	28/05/2024
D06	ER Calculation Excel Sheet	02	04/09/2024
D07	ER Calculation Excel Sheet	03	19/09/2024
D08	ER Calculation Excel Sheet	04	07/10/2024
D09	EPIAS Records	-	2023-2024
D10	TEIAS Records	-	2023-2024
D11	EIA Exemption	-	08/08/2007
D12	Generation License	-	14/06/2007
D13	Generation License Amendment	-	13/03/2008
D14	Provisional Acceptance Document of Unit 1-2-3		25/03/2011
D15	Waste Water Disposal Records	-	18/08/2023 17/10/2023 13/12/2023 20/03/2024
D16	Project Annual Report Form	02	06/08/2022
D17	Mukhtar Declaration	-	19/09/2024
D18	Muradiye Water Use Agreement	-	16/04/2007
D19	Picture of Logbook	-	19/09/2024
D20	Test Date Documents of current meters	-	04/10/2022
D21	TEIAS Meter Test Reports of current meters	-	08/02/2024
D22	Waterfall Hydroelectric Power Plant Fire Department Compliance Letter	-	20/10/2022
D23	EKAT Training Documents	-	27/09/2024
D24	Toolbox Trainings	-	06/11/2023
D25	Toolbox Trainings	-	30/10/2023

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D26	Occupational Health and Safety Training	-	29/08/2024
D27	Basic Occupational Health and Safety Training	-	04/12/2023-05/12/2023
D28	Social Security Records	-	29/04/2024
D29	Training Records	-	06/05/2024
D30	Metering Device Document	-	08/02/2024
D31	Waste Declaration Document	-	15/03/2024
D32	System Usage Agreement	-	05/03/2021
D33	Connection Agreement	-	05/07/2019
D34	Single Line Diagram	-	14/11/2022
D35	Project Location KML File	-	19/08/2024
D36	Photographs for the plant	-	19/08/2024
D37	Feasibility Report	-	10/2019
D38	Photographs of the metering devices	-	19/08/2024
D39	First Index Protocols	-	21/11/2019
D40	First Index Protocols	-	04/10/2022
D41	Meter Change Documents	-	21/11/2019
D42	Calibration Documents	-	04/10/2022
D43	Equipment's Pictures	-	12/11/2022
D44	Meter Test Reports	-	21/11/2019
D45	Meter Test Reports	-	04/10/2022
D46	SCADA Screenshots	-	14/11/2022
D47	Project Design Document of 2 nd CP	09	19/02/2024
D48	Monitoring Report	05	20/11/2024
D49	Monitoring Report	06	23/12/2024
D50	ER Excel Sheet	05	20/11/2024
D53	Monitoring Report	07	06/01/2025
D54	ER Excel Sheet	07	06/01/2025
D55	SDG Impact Tool	01	06/01/2025
D56	Annual Report	-	01/01/2025
D57	Topographical Survey / Map / Topographic Satellite Images	-	04/09/2024
D58	Photographic Evidence of Reservoir	-	04/09/2024
D59	Water Usage Agreement	-	26/04/2007
D60	Monitoring Report	08	04/03/2025
D61	ER Calculation Excel Sheet	05	04/03/2025
D62	SDG Impact Tool	02	04/03/2025
D63	Monitoring Report	09	21/04/2025

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D64	ER Calculation Excel Sheet	06	17/04/2025
D65	Hourly Meter Detail Data 03_2023	-	03/2023
D66	Monitoring Report	10	11/06/2025
D67	ER Calculation Excel Sheet	07	11/06/2025

7. VERIFICATION TEAM AND ITR COMPETENCE

Mrs. Fikriye Seda Atabek holds B.Sc. degree in “Chemical Engineering” and a M.Sc. degree in “Energy Science and Technology”. She is a lead auditor and trainer for ISO 50001 and has been working in the fields of “Management systems”, “ISO 14064” and “Energy Management in Industry” since 2004. Seda has been involved in more than 100 GS and VCS projects as an ITR, Team Leader, Validator and Verifier. With re-carbon, Seda is a free-lance Team Leader, ITR and a “Project-Level Group 1 - GHG Project Types: Renewable Energy Production and Energy Efficiency Improvements” Expert. Seda is also a Regional Expert for Türkiye and China.

Ms. Kübra Karakoç holds a Bachelor of Science in Hydrogeology from Hacettepe University / Ankara and a Master of Science in Geology & Engineering jointly from Ankara University and Università di Pisa. With re-carbon, Kübra is an internal Validator/Verifier Trainee in “Project-Level Group 1 - GHG Project Type: Renewable Energy Production”.

Ms. İrem Taşkiran holds a B. Sc. in “Energy Systems Engineering” from Ankara Yıldırım Beyazıt University. With re-carbon, İrem is an internal Team Leader and a Technical Expert for “Project-Level Group 1 - GHG Project Type: Renewable Energy Production”. Furthermore, İrem is a Regional Expert for Türkiye. Currently she undergoes a training program for “Project-Level Group 1 - GHG Project Type: Energy Efficiency Improvements”.

7.1. Appointment Certificates

CERTIFICATE OF APPOINTMENT



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

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

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



This Appointment Certificate is granted on the date of **27.03.2024** by

Christian Johannes
(General Manager)



This Certificate of Appointment is given to

Mrs. Fikriye Seda Atabek

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

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUILIBRIUM FORMULA AND EXPERTISE REFERENCE CITY	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
1	Energy Efficiency Improvements	2.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
5	Methane Collection & destruction	23.2															
5	Livestock & other anaerobic digester operations	23.2															
5	Agricultural methane emission reduction	25.1															
5	Agricultural carbon emission reduction	25.1															
6	Capture & destruction of landfill gas	23.1															
6	Capture & use of landfill gas	23.1															
6	Avoidance of methane production in wastewater treatment	23.1															
SDS Criteria:			08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					



PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUILIBRIUM FORMULA AND EXPERTISE REFERENCE CITY	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2											07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
1	Energy Efficiency Improvements	2.1											07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
5	Methane Collection & destruction	23.2															
5	Livestock & other anaerobic digester operations	23.2															
5	Agricultural methane emission reduction	25.1															
5	Agricultural carbon emission reduction	25.1															
6	Capture & destruction of landfill gas	23.1															
6	Capture & use of landfill gas	23.1															
6	Avoidance of methane production in wastewater treatment	23.1															
SDS Criteria:													07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022

COUNTRY EXPERTISE:

Türkiye & China for all above listed GHGRS

F4	15.03.2024	15.03.2024	15.03.2024	15.03.2024	15.03.2024
S1	15.03.2024	15.03.2024	15.03.2024	15.03.2024	15.03.2024
CC164K	15.03.2024	15.03.2024	15.03.2024	15.03.2024	15.03.2024

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CERTIFICATE OF APPOINTMENT



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

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

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



This Appointment Certificate is granted on the date of **08.07.24** by

Christian Johannes
(General Manager)



This Certificate of Appointment is given to

Ms. Kübra Karakoç

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

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT GHG TECHNICAL AREA EXPERTISE reference only	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	Trainee	Trainee				Trainee	Trainee								
1	Energy Efficiency Improvements	3.1															
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
SDS Criteria:			Trainee	Trainee				Trainee	Trainee								



PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT GHG TECHNICAL AREA EXPERTISE reference only	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	Trainee	Trainee				Trainee	Trainee								
1	Energy Efficiency Improvements	3.1															
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
SDS Criteria:			Trainee	Trainee				Trainee	Trainee								
COUNTRY EXPERTISE:			Trainee for Türkiye														

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CERTIFICATE OF APPOINTMENT



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

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

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



This Appointment Certificate is granted on the date of **27.03.2024** by

Christian Johannes
(General Manager)



This Certificate of Appointment is given to

Ms. İrem Taşkıran

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

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT GHG TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	2.2	23.10.2023	23.10.2023	11.12.2023		09.11.2022
1	Energy Efficiency Improvements	2.2	Trainee	Trainee	Trainee		Trainee
5	Methane Collection & destruction	23.2					
5	Livestock & other anaerobic digester operations	23.2					
5	Agricultural methane emission reduction	23.1					
5	Agricultural carbon emission reduction	23.1					
6	Capture & destruction of landfill gas	23.1					
6	Capture & use of landfill gas	23.1					
6	Avoidance of methane production in wastewater treatment	23.1					
SDS Criteria:			23.10.2023	23.10.2023	11.12.2023		09.11.2022



PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT GHG TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	2.2	23.10.2023	23.10.2023	11.12.2023		09.11.2022
1	Energy Efficiency Improvements	2.1	Trainee	Trainee	Trainee		Trainee
5	Methane Collection & destruction	23.2					
5	Livestock & other anaerobic digester operations	23.2					
5	Agricultural methane emission reduction	23.1					
5	Agricultural carbon emission reduction	23.1					
6	Capture & destruction of landfill gas	23.1					
6	Capture & use of landfill gas	23.1					
6	Avoidance of methane production in wastewater treatment	23.1					
SDS Criteria:			23.10.2023	23.10.2023	11.12.2023		09.11.2022

COUNTRY EXPERTISE:

Türkiye for all above listed GHGRs

F1	15.03.2024	15.03.2024	15.03.2024	15.03.2024
F1	15.03.2024	15.03.2024	15.03.2024	15.03.2024
OTHERS	15.03.2024	15.03.2024	15.03.2024	15.03.2024

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8. VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 1st monitoring period of the 2nd Crediting Period of Gold Standard “Selale HEPP”, a project with the registry reference number GS729 for the period in between 18/03/2023 to 31/07/2024 (both days are included). The scope of our activities covers the verification and the certification of GHG emissions reductions, as reported in the Monitoring Report Version 10 dated 11/06/2025 of “Selale HEPP”.

Muradiye Elektrik Üretim A.Ş. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring Plan as indicated in the final PDD. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project are under the responsibility of the management of the Project. The development and maintenance of the records and the related monitoring procedures are in accordance with the Monitoring Report Version 10.

The verification was performed by a verification team consisting of “Ms. İrem TAŞKIRAN as the Team Leader, Ms. Kübra KARAKOÇ as the Verifier Trainee and Mrs. Seda Fikriye ATABEK as the ITR”, and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and GS4GG Validation and Verification Standard version 2.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2.

Re Carbon Ltd. hereby confirm that the project activity “Selale HEPP” in Turkey, was implemented in accordance with the validated and registered PDD version 09, dated 19/02/2024. The monitoring system is in place and the emission reductions were calculated without material misstatements as per the applied approved methodology (ACM0002 – Grid connected electricity generation from renewable sources, version 21.0).

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

Project Title	Selale HEPP
Applicable Period	18/03/2023 to 31/07/2024
Baseline Emissions	17,567 tCO ₂ e GSVERs (18/03/2023 to 31/12/2023: 5,633 tCO ₂ e GSVERs and 01/01/2024 to 31/07/2024: 11,934 tCO ₂ e GSVERs)
Project Emissions	0 tCO ₂ e
Leakage Emissions	0 tCO ₂ e
Emission Reductions	17,567 tCO ₂ e GSVERs (18/03/2023 to 31/12/2023: 5,633 tCO ₂ e GSVERs and 01/01/2024 to 31/07/2024: 11,934 tCO ₂ e GSVERs)



İrem TAŞKIRAN
Team Leader



Fikriye Seda ATABEK
ITR and Decision Maker
11/06/2025



Esin TUNALI
CMD Review

ANNEX 1: VERIFICATION PROTOCOL

Table 1 – Resolution of Corrective Action, Forward Action and Clarification Requests

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
CAR-1 "22/01/2013" dated design certification has not provided. Also, date of the second design certification is missing.	1.6	Response-1: Date of project design certification has been changed based on the Design Review form. Response-2: Based on 2nd CP PDD, Date of project design certification is written as 22/01/2013. Revised. Response-3: Date of design certification date has been updated. (24/03/2024) Response-4: Design certification is the date 4 or 6 weeks after the date of first submission. Therefore, first submission date of renewal of crediting period is 17/03/2023 and thus, design certification date is 26/04/2023. Response-5: Design certification is written as 24/03/2024.	Review-1: Indicated design certification date belongs to 1st CP but this is the 2nd CP. Date of the second design certification is still missing. Review-2: Indicated design certification date still belongs to 1st CP but this is the 2nd CP. Date of the second design certification (2nd design certification for 2nd CP) is still missing. Review-3: Date of design certification date is still wrong. Indicated date is the when PP responded first process of design certification. Review-4: The date given is still wrong. Indicated date is when PP responded to GD Review round 1. Review-5: OK, closed (Corrected)
CAR-2 Date of the last annual report is missing.	1.7	Response-1:	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 Developers' Response	Verification Team Conclusion
		Date of last annual report has been added and the report has been provided.	OK, closed. (Date of last annual report has indicated and document provided)
CAR-3 End date of the MP can be postponed to 31 st July 2024.	1.9	Response-1: Ende date of the MP has been taken as 31/07/2024 and necessary changes have been made.	Review-1: OK, closed. (End date of the MP has changed)
CAR-4 a) Emission reductions and electricity generation values should be re-calculated according to change in MP end date. b) ER Excel Sheet should be re-written since the electricity generation values are wrong. According to PDD, ratio should be done for the generation since Ayrancılar HPP and Şelale HPP are connected to same electricity meters. c) Row B26 in Er Excel Sheet is not in line with row R21. Also, row B24 is not in line with row L21. d) Estimated values in Er Excel Sheet do not match with PDD. After the estimated values are corrected, difference % should be re-calculated and MR should be revised according to these changes. e) On physical site visit, number of the employees have stated as 18 but in MR, number of employees have written as 17 and only 17 social	2	Response-1: a) Emission reductions and electricity generation values have been recalculated and updated. b) Ratio has been applied based on the value of PDD. ER Excel Sheet has been updated. c) Revised. d) Estimated values have been revised in the ER Sheet. e) The address indicates Şelale Mevki Ayrancılar Hesçaldıran yolu. It is not the project title. Number of employees has been corrected as 9 (half of 18 because Ayrancılar and Selale HEPP projects are operating under the same company and half of the employees are working in Selale HEPP) f) Corrected. g) Ayrancılar and Selale HEPP projects are operating under the same company; therefore, they are providing the same records. Half of the count is for Selale HEPP. Response-2: a) Based on the 2 nd CP PDD, page 45, main source is EPIAS while cross-check is TEİAŞ Data. "Data from	Review-1: a) Provided TEİAŞ records cannot be in Excel Form. Provide the documents in PDF or screenshot form. b) Ratio has been done but number of total days have calculated wrong. c) OK, closed. (Values are consistent) d) Estimated annual emission reduction value is still not in line with PDD table-1. Also, number of days calculation is wrong. there are 503 days in MP. e) OK, closed. (Number of employees corrected) f) Unit of SDG 8 and SDG 13 was correct, there is no need to change the units of those SDGs. SDG 7's unit has corrected. g) OK, closed. (Documents have provided) Review-2: a) According to 2 nd CP PDD, page 41, EPIAŞ records will be used as cross-

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
security records have provided. Also, provided social security record document's name is "Ayrancilar HES" but this verification is for Şelale HPP. Correct the contradiction. f) Unit of SDG 7 is wrong in table-1. g) Provided training records are for Ayrancilar HPP but this verification is for Şelale HPP. Correct the contradiction and provide the training records for Şelale HPP's employees.		<i>metering devices are recorded by TEIAS monthly and form the basis for invoicing using the template formed by TEIAS21 which are used for cross checking of generation data. In addition to the two metering devices, generation of the Ayrancilar HEPP can be cross checked from TEIAS – EPIAS web site (http://EPIAS.teias.gov.tr) which is accessible using a password provided to electricity generation companies.</i> Therefore, necessary changes have been made in the MR and EPIAS Data is used as the main source. Thus, there is no need to provide PDF of TEIAS data. b) Total days have been corrected. d) Estimated annual electricity generation value is 54,523 MWh in the 2nd CP PDD. Estimated annual emission is 25,167 tCO₂. Values are correct. d) Revisions have been made in the ER and MR total number of days have been updated as 503. f) Unit of SDG 13 is tCO₂ and the unit of SDG 7 is MWh. Thus, total MP values have been written. Response-3: a) Section B.2.2 Corrections have been completed to use EPIAS records as the main source. TEIAS records are used as a cross-check source. b) The unit has been revised.	checking the electricity generation values. Also, in page 45 of 2nd CP PDD, EPIAS records have written as cross-check, "In addition to the two metering devices, generation of the Ayrancilar HEPP can be cross checked from TEIAS – EPIAS web site (http://EPIAS.teias.gov.tr) which is accessible using a password provided to electricity generation companies.", EPIAS website has shown as cross-check that means EPIAS records will be used as cross-check. Read the documents clearly since they referred to EPIAS website for cross-checking. Moreover, provide the TEIAS meter reading documents in PDF or screenshot form. Also, "http://EPIAS.teias.gov.tr" link does not work. b) Ok, closed (It has been corrected) d) Ok, closed (It has been revised) f) SDG 13's unit is still wrong, GS wants "GSVERs" statement as well. Review-3: a) OK, closed (Correction has been provided)

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
			f) Ok, closed (Revised)
CAR-5 a) Baseline scenario with referring to applied methodology is missing. b) Project boundary with referring to applied methodology is missing. c) Brief information about installed technology is missing. d) Purpose of the project is missing. e) Project start date is missing in milestone table. f) Achieved emission reduction and electricity generation values for this monitoring period is missing. g) Annual estimated emission reduction value is missing. h) Project scale and applied methodology is missing. i) Update the electricity generation values and emission reduction values according to the changes in monitoring period date. j) Monitoring period dates are missing in section A.1. k) Previous monitoring period dates are missing in milestone table. If this is the first verification of the project activity, an explanation for "Why was no verification	A.1	Response-1: a) Baseline scenario has been added. b) Project boundary has been added. c) Brief information about the installed technology has been added. d) Purpose of the project has been added. e) Based on the registered PDD, Start date of project activity is determined as 26/11/2007, the date of construction agreement. The date has been added into the Milestone table. f) Provided. g) Provided. h) Applied methodology has been provided. i) Updated. j) Monitoring period date for the 2nd CP 1st MP has been added to the Milestone table. k) Provided. Selale and Ayrancilar HEPP have the same system usage agreement since they have the same meters. m) The same thing is valid for this case too. Connection agreement date has been provided. n) Revised. Response-2: b) Project boundary figure has been revised and updated. c) Table has been added which is indicated the specifications of Selale HEPP. f) ER and EG values have been updated in Section A.1.	Review-1: a) OK, closed. (Baseline scenario has indicated) b) In indicated project boundary image "Çamlıca 2 HEPP" is written but this project's name is Şelale HEPP. c) Type of the turbines are missing. d) OK, closed. (Purpose of the project has indicated) e) OK, closed. (Project start date has indicated) f) Achieved emission reduction and electricity generation values should be updated according to above findings. g) Annual emission reduction and electricity generation values should be updated according to above findings. h) OK, closed. (Project scale and applied methodology has indicated) i) Achieved emission reduction and electricity generation values should be updated according to above findings. j) OK, closed. (MP dates has indicated in milestone table) k) Previous monitoring period dates are missing in milestone table. If this is the first verification of the project

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
carried out during the first crediting period?" is needed in section A.1. l) System usage agreement date is missing in milestone table. Also, provided system usage document belongs to Ayrancilar HPP but this verification is for Şelale HPP. Provide the system usage agreement for Şelale HPP. m) Connection agreement date is missing in milestone table. Also, provided connection agreement document belongs to Ayrancilar HPP but this verification is for Şelale HPP. Provide the connection agreement for Şelale HPP. n) Correct future tense sentences throughout the MR since in verification process, VVB & consultant examines the achieved actual values.		g)Updated. i)Updated. k)As per the explanation from the Revalidation report page 27, <i>"The validation team checked demonstration provided by PD in section B.5.2 of PDD/5/ and confirms that the carbon credits revenue is also required in 2nd crediting period to sustain the project activity. Post the Turkish coup attempt in 2016, the management of the company changed, and the government impounded the assets of the company. Due to this state emergency, the project activity was unable to perform any verification in the first crediting period. Further, the electricity generation has also been lower than the expected electricity generation, which has been verified through the annual electricity generation data provided by the PD and since the YEKDEM mechanism is no longer available for Selale HEPP (after 10 years), the electricity is also being sold to the grid at a fluctuating tariff rate."</i> This was discussed during revalidation and the project was approved for renewal of crediting period. An explanation has been added in Section A.1 page 7. n)Grammatical corrections have been made. There is no future tense sentences now. Response-3: a) "The project is a small-scale project since the installed capacity of the project is below 15 MW. In this scope, 3x(4.550 MWm/4.459 MWe) were installed. The project uses Orient	activity, an explanation for "Why was no verification carried out during the first crediting period?" is needed in section A.1. l) OK, closed. (System usage agreement date is indicated in milestone table) m) OK, closed. (Connection agreement date is indicated in milestone table) n) There are still future tense statements in MR. "will" statements should be change. Review-2: b) Ok, closed (It has been corrected) c) There is no need to indicated turbine specification table in section A.1, just turbine type should be mentioned in 3rd para of section A.1. f) Main source should be TEİAŞ records as mentioned in registered PDD. Update the electricity and emission reduction values with using TEİAŞ as main source. g) Main source should be TEİAŞ records as mentioned in registered PDD. Update the electricity and emission reduction values with using TEİAŞ as main source.

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

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
		horizontal axis generators with total electrical output capacity of 13.650 MWm / 13.377 MWe with the purpose of contributing to the national economy the meeting the increased electricity demand. The project complies with the relevant regulations and laws in Türkiye. <i>The type of turbine is Francis Type – Horizontal axis.</i>” This sentence has been added. b) Main source is EPIAS records and corrections have been written in Section B. c) Main source is EPIAS records and corrections have been written in Section B. d) Values are correct since the EPIAS records are used as a main source. Response-4: i)Values have been revised according to the ER Excel Sheet.	i) Achieved emission reduction and electricity generation values should be updated according to above findings. Further corrections are required in Table-2. k) According to indicated statement “Because, the project could not receive the income from GS-VERs to support it financially during the first crediting period”, if PP didn’t receive any income to support him/her financially, it means PP did a verification process before, if PP didn’t do any previous verifications, this should be clearly indicated. Indicated explanation for no previous verification is no enough. Moreover, 1st CP was between 2012 and 2019, until 2016, why there has been no verifications done? n) Ok, closed (It has been revised) Review-3: c)Ok, closed (The required sentence has been added) f) OK, closed (Correction has been added into relevant section. Main source is EPIAS records) g) Ok, closed (The required sentence has been added in correction section, values are corrected)

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Developers' Response	Verification Team Conclusion
			i) Values are wrong in Table-2, those values do not align with the ER Excel sheet. k) OK, closed. (Explanation has added in section A.1) Review-4 i)OK, closed (Corrected)
CAR-6 a) Reference footnotes of applied methodology and applied tools are missing. b) Tool 11 is for cp renewal but this is verification process so tool 11 should be erased.	A.3	Response-1: a) References have been added. b) Tool11 has been removed since it is valid for RCPs.	Review-1: a) OK, closed. (Reference links have indicated) b) OK, closed. (Tool 11 has removed)
CAR-7 a) Indicated information in section B.1 should be in section A.1. b) Electricity generation value obtained during the monitoring period is missing. c) Information about installed technology is missing. d) Technical specifications of turbines are missing in tabular format.	B.1	Response-1: a) Indicated. b) c) Provided. d) Technical specifications of the turbines have been added. e) Meter details have been shared. f) Section B.1 has been assessed and updated. g) h) Provided as Figure 3. Response-2:	Review-1: a) OK, closed. (Explanation in B.1 has removed to section A.1) b) Achieved emission reduction and electricity generation values should be updated according to above findings. c) Installed capacity also should be explained with sentences. d) Total installed capacity in table-4 is wrong.

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e) Meter details (brand, serial number, calibration dates and so on) are missing in tabular format. f) Consultant should re-asses section B.1 since the information written in section B.1 is not in line with MR Template guideline. g) Start date of the operation, commissioning of turbines etc. are missing. h) Single line diagram is missing.		c) Achieved ER and EG values have been updated in Section B.1. d) Explained in page 10. e) Revised as 13.377 MWe. f) Corrected. Date of testing, calibration and first index protocol is the same since the meters are digital. g) Commissioning date of Selale HEPP Unst 1-2-3 has been indicated as 25/03/2011 in the Milestone table Section A.1 and a sentence has been written in the section B.1 page 10. Response-3: a) Values are correct since the EPIAS records are used as a main source. b) Test dates of new meters have been written as 04/10/2022 and 08/02/2024 and the evidence document has been provided.	e) Correct the statement "There are on main meter and one spare meter". Also in meter table, first index dates and meter test dates are missing. Indicated "21/11/2019" date is not date of testing; it is the date of meter change and first index date of current meters. f) OK, closed. (Section B.1 has re-assessed) g) Start date of the operation, commissioning of turbines etc. are still missing. h) OK, closed. (Single line diagram has indicated) Review-2: b) Achieved emission reduction and electricity generation values should be updated according to above findings. c) OK, closed. (Installed capacity has indicated) d) OK, closed. (Installed capacity has indicated) e) First index date is still missing. Indicated "21/11/2019" date is not date of testing; it is the date of meter change and first index date of current meters. Since meter control tests

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		Response-4: e)Table 5 has been updated.	are done in every 2 years, meter control test dates are also missing. g) Ok, closed (It has been corrected) Review-3: b) Ok, closed (It has been confirmed that the values are correct) e) First index date statement still missing in table in section B.1. Review-4: e) OK, closed (Updated)
CAR-8 a) Validation report of 2nd CP has not provided. b) Answers of FARs are missing.	B.1.1	Response-1: a) Validation report of the 2nd CP has been provided. b) Couple of them has been answered. Response-2: b)Answeres to FAR have been provided. Response-3: b)Answer to FAR-3 has been comprehensively written based on the 2nd CP PDD and validation report. Response-4: b)Answer of FAR-1 is detailed.	Review-1: a) OK, closed. (Previous documents have provided) b) Answer to FAR-2, 5.1.50 and FAR-3 is still missing. Also, given answer for FAR-1 and FAR-2 5.1.39 is not enough, PP should indicate more explanation. Review-2:

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			b) Answer for FAR-3 is still wrong. moreover, answer for FAR-1 should be more detailed. Review-3: b) Answer for FAR-1 should be more detailed. Review-4: b)OK, closed (It has been detailed)
CAR-9 a) Şelale HPP has not mentioned in section C. b) Some information is missing according to registered PDD. c) Regulation for meter calibration is missing. d) First index dates and meter control test dates are missing for current meters in tabular format. e) Explanation for why the ratio applied for electricity generation is missing. f) Line diagram is missing.	C	Response-1: a) Selale HEPP has been mentioned as the proposed project. b) Information has been provided according to the PDD. c) Provided. d) Since the plant has digital meters, calibration date and the first index protocol date are the same and documents have been provided. e) Added. (Figure 3) Response-2: c) Since it is not relevant, the paragraph has been removed. d) Calibration regulation information has been added. e) Date of testing, calibration and first index protocol is the same since the meters are digital. Response-3:	Review-1: a) OK, closed. (Name of the project has indicated) b) Last para in section C is not relevant with the description of monitoring system. c) Turkey regulations for meter calibration is still missing. Regulation name, reference link etc. d) Meter control test dates for current meters are still missing. e) OK, closed. (Explanation has indicated) f) OK, closed. Review-2: b) Ok, closed (It has been removed) c)Ok, closed (It has been added)

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		a) Test dates of new meters have been written as 04/10/2022 and 08/02/2024 and the evidence document has been provided.	d) Meter control test dates are still missing in meter details table. Also, first index date cannot be written as "2019, at the factory by the manufacturer", actual date of the first index should be written as DD/MM/YYYY since first index date is net and clear. Review-3: d) Ok, closed (Correction has been provided and meter control test dates are indicated)
CAR-10 a) Real emission reduction value achieved during this monitoring period is missing in values applied row for Emission Reduction parameter. b) Choice of data or measurement methods and procedures row for Emission Reduction parameter indicated estimated value but this is a verification process and achieved values should be written. Delete the estimated value and indicate achieved value. c) Choice of data or measurement methods and procedures row is missing for "Quantitative employment and income generation" parameter". d) Values applied row is missing for "Qualitative employment" parameter and correct the future tense in the parameter	D.2	Response-1: a) Actual emission reduction values have been provided. b) Revised and corrected. c) Checked and written. d) Training records have been checked and the information has been provided. e) Updated. f) Indicated clearly. g) Contradiction has been removed. ER Sheet has been updated. h) Ratio has been applied. i) Necessary revisions have been made. j) Added. Response-2: k) Total achieved emission reduction value is added in page 20 Section D.2. Values have been updated. l) Screenshot has not been deleted to provide more information. However, the only training document	Review-1: a) Total achieved emission reduction value is still missing in "values applied" row. Also, achieved emission reduction and electricity generation values should be updated according to above findings. b) OK, closed. (Achieved value has indicated) c) OK, closed. (Explanation has indicated) d) Indicated screenshot should be removed and training dates & purpose of training should be written. e) Also, achieved emission reduction and electricity generation values should be updated according to above findings.

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table since in verification process, VVB & consultant examines the achieved actual values. e) Value of electricity generation should be updated according to changes in MP end date. f) Main and cross-check source of EGPI,facility,y parameter should be indicated clearly. g) According to PDD, main source of electricity generation is TEİAŞ records but in ER Excel Sheet, main source has considered as EPIAŞ. Contradiction needs to be corrected. h) It has been stated that "Hence, to calculate gross electricity production only of Ayrancı HEPP, the combined gross electricity production of the two plants will be multiplied by the constant: $13,377/(28,077+13,377) = 0.3227$. Details are given in the excel sheet." But details of this calculation have not mentioned in ER Excel Sheet. i) In QA/QC procedures of EGPI,facility,y parameter, "Consider if the electricity generation in year x has been 168,960 MWh, read from the meter which all the plants are connected. Generation of Ayrancı HEPP = 168,960 MWh x (28.077 MWe / 41.454 MWe) = 114,437.44 MWh, Generation of Selale HEPP		the PO has this one. HSE trainings will be provided soon as they declared. m) Updated. n) Indicated clearly. o) Since these are the digital meters, they have the same date of first index protocol and calibration as shared in the document. Also, the technical properties of meters have been written by using the supporting documents and 2nd CP registered PDD. Response-3: a) No need to update the values since the correction has been written. Please see section B.2.2. b) Trainings have been provided as supporting documents. Section has been updated. c) No need to update the values since the correction has been written. Please see section B.2.2. EPIAŞ records are used as the main source while TEİAŞ records are used as a cross-check source. d) Main source and cross-check source have been clarified in the ER Sheet. e) Test dates of new meters have been written as 04/10/2022 and 08/02/2024 and the evidence document has been provided. Response-3:	f) OK, closed. (Main and cross-check source has indicated correctly) g) In Er Excel sheet, show the main and cross-check sources clearly. h) OK, closed. (Ratio calculation ahs indicated in ER Excel Sheet) i) OK, closed. (Calculation for estimated values has removed) j) First index dates and meter test dates are missing in meter details table. Indicated "21/11/2019" date is not date of testing; it is the date of meter change and first index date of current meters. Review-2: a) Achieved emission reduction and electricity generation values should be updated according to above findings. d) Indicated screenshot should be removed and training dates & purpose of training should be written. Also, all training records that have been done in monitoring period should be provided and dates of the trainings should be indicated in related parameter table.

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= 168,960 MWh x (13.377 MWe / 41.454 MWe)= 54,522.55 MWh, Total Generation = 114,437.44 MWh + 54,522.55 MWh = 168,959.99 MWh ≈ 168,960 MWh" estimated values have indicated but since this is a verification process, actual values should be indicated. This statement can be written but also a calculation for actual values should be indicated in that row. j) Meter details are missing in tabular format for EGpJ,facility,y parameter. (Serial numbers, brands, types, first index dates, calibration dates, meter control test dates etc.)		Dates have been indicated however, EKAT Trainings do not indicate date only ID. Response-4: Mentioned dates have the training documents shared with the VVB. Revised and updated the dates.	e) Achieved emission reduction and electricity generation values should be updated according to above findings. g) Main and cross-check have not clearly shown in ER Excel Sheet. j) Meter control test dates are still missing in meter details table. Also, first index date cannot be written as "2019, at the factory by the manufacturer", actual date of the first index should be written as DD/MM/YYYY since first index date is net and clear. Moreover, main and cross-check sources of EGpJ,facility,y parameter are not in line with registered PDD. Review-3: a) Ok, closed (values are corrected) d)Dates of the trainings should be indicated in related parameter table. e) Ok, closed (values are corrected) g) Ok, closed (It has been clarified) j) Ok, closed (Meter details are corrected and main source has been indicated as

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			EPIAŞ, explanation has indicated in section B.2.2) Review-4: d) 11 EKAT training certificates have provided, but only 6 employees were written in the MR, also there are 9 employees working in the project activity, explain the contradiction. Furthermore, 06/11/2023 and 30/10/2023 dates are the document dates, not the training dates. There is no evidence document for 12/02/2024 dated training, also for some of the trainings evidence document have not provided. Review-5: OK, closed (It has been corrected)
CAR-11 This project is not a community service project so section D.3 should be considered as N/A.	D.3	Response-1: Updated. Response-2: Deleted. Response-3: Removed.	Review-1: Table should be deleted. Review-2: The first sentence should be removed. Review-3:

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			Ok, closed (Removed)
CAR-12 a) SDGs are missing in section E.1. b) Indicated estimated value should be deleted and calculation should be done with actual values for baseline emission calculation. c) Explanation, baseline contributions and sample calculations for SDGs are missing. d) SDG Contributions page in Er Excel Sheet should be updated as well according to above findings.	E.1	Response-1: a) SDGs have been added. b) Revised and updated correctly. c) Added. d) Updated. Response-2: c) The section has been revised. d) SDG Contributions have been updated. Response-3: a) No need to update the values since the correction has been written. Response-4: Revised and updated.	Review-1: a) OK, closed. (SDGs have indicated) b) OK, closed. (Calculation has corrected) c) Baseline contributions and sample calculations for SDGs are still missing. d) SDG Contributions page in Er Excel Sheet should be updated as well according to above open findings for emission reduction and electricity generation calculations. Review-2: c) Ok, closed (It has been revised) d) SDG Contributions page in Er Excel Sheet should be updated as well according to above open findings for emission reduction and electricity generation calculations. Also, correct the main and cross-check sources. Review-3: d) SDG contributions are corrected in Er excel sheet but calculation values in section E.1 do not match with ER Excel sheet for SDG 13.

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			Review-4: d) OK, closed. (Calculation is corrected)
CAR-13 Section E.2 is wrong. New assessment should be done for section E.2 with accordingly MR Template Guideline.	E.2	Response-1: New assessment has been written for project emissions. Response-2: SDGs have been added in the page 29. Response-2: Project emission equation and calculations have been removed.	Review-1: Section E.2 still wrong. Project value or estimation of project situation of each SDG Impact is still missing for each SDGs. Review-2: Explanation of PE is not related with section E.2, this section is related with project values for each SDGs. Review-3: Ok, closed (It has been removed)
CAR-14 Explanation for "Leakage is 0" is not enough. Sample calculation for leakage should be done with referring to applied methodology	E.3	Response-1: Methodology has been mentioned and the brief explanation has been added.	Review-1: OK, closed. (Applied methodology has referred)
CAR-15 Values of SDGs should be updated according to above findings.	E.4	Response-1: Updated correctly. Response-2: Updated.	Review-1: Achieved emission reduction and electricity generation values should be updated according to above findings.

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		Response-3: No need to update the values since the correction has been written.	Review-2: Achieved emission reduction and electricity generation values should be updated according to above findings. Review-3: Ok, closed (It has been confirmed)
CAR-16 Estimated values do not match with registered PDD. ER Excel Sheet should be corrected for estimated values and calculation of % differences. Section E.5 and section E.6 should be corrected.	E.5, E.6	Response-1: Necessary changes have been made and the sections have been updated. Response-2: a) Necessary revisions have been made and updated. b) Updated. Response-3: a) Calculation % difference in EG is updated now. b) A paragraph has been added. Response-4: Calculations have been checked in detail. However, it seems correct based on the estimated and actual values. Could you please explain a little bit more?	Review-1: a) Estimated annual emission reduction value in Er Excel Sheet is still not in line with PDD tbale-1. Also, number of days calculation is wrong. there are 503 days in MP. Correct the estimated value calculation for this monitoring period and update section E.5. b) Explanation in section E.5.1 and section 6 do not indicate monitoring period dates, calculation of estimated values for this monitoring period and the values of estimated value calculation for this monitoring period. Review-2:

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		Response-5: Revised. "% difference in EG: $[(38,146 - 75,137.18) / 75,137.18] \times 100 = -49.2 \%$ which means the project generated 49.2 % less electricity than expected. % difference in ER: $[(17,608 - 34,638.32) / 34,638.32] \times 100 = -49.2 \%$ which means the project decreased CO₂ by 49.2 % less than expected."	a) Calculation of % difference in EG is incorrect. b) Indicated values should be clearly shown as estimated for this MP and actual achieved in this MP in section E.6. Review-3: a) Calculation of estimated emission reduction values are wrong. Calculation of % difference in EG is still incorrect. b) Ok, closed (It has been added) Review-4: a) According to indicated calculation result, difference between estimated and actual values are +49.2, not less than the estimated. Calculation formula is wrong. Review-5: a) OK, closed (Corrected)
CAR-17	F	Response-1:	Review-1:

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Safeguards should be in line with registered PDD. According to PDD, 3 principles have considered for this project activity. Correct section F and indicate waste record dates for the corrected principles.		Section F has been revised according to the PD; however, 6 principles have been written on the table. Response-2: Principle 9.4 has been added. Grammatical corrections have been made. Response-3: New training documents have been provided. Response-4: All of the waste declaration related documents have been provided by the PO shared with VVB. Trainings have been written on the parameter named Qualitative of Employment. Response-5: The year 2023 is written.	Principle 9.4 is missing. Also, for all principles, future tense phrases should be corrected since in verification process, we audit real values. Training dates and waste disposal record dates should be written for related principles. Review-2: Training dates are missing for principle 3 and principle 6.1 in safeguarding table. Moreover, waste disposal receipt dates are missing for principles 9.4 and 9.5. Review-3: New training documents have been provided; however, they have not been incorporated into the relevant section. Also, waste disposal dates are still missing for related safeguards. Moreover, waste water disposal records have not provided. Review-4: Waste records have been provided but waste disposal dates are still missing for related safeguards. Review-5: OK, closed (Revised)

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CAR-18 a) Location of the logbooks is wrong. b) Brief explanation for ongoing communication between locals and PD is missing. c) Village is wrong.	G.1	Response-1: It will be provided in the next round. Response-2: a) Location of logbook is Kandahar Neighborhood Mukhtar as is indicated in the 2nd CP PDD and the declaration. b) Revised.	Review-1: a) Location of logbook is still wrong. b) OK, closed. (Ongoing communication has indicated) c) Village is still wrong. Review-2: a) Ok, closed (It has been corrected) c) Ok, closed (It has been revised)
CAR-19 Section cannot be blank.	G.2	Response-1: Section has been filled properly.	Review-1: OK, closed (It has been filled)
CAR-20 a) Signed and sealed declaration for double counting has not provided. b) Signed and sealed declaration for legal contest/dispute has not provided. c) Signed and sealed declaration from mukhtar for no complaints received during MP has not provided. d) Section cannot be blank.	G.3	Response-1: a) Declaration has been provided. b) Document has been provided. c) Will be provided. d) Section has been filled properly. Response-2: d) The document has been provided.	Review-1: a) OK, closed. (Declaration has provided) b) OK, closed. (Declaration has provided) c) Signed and sealed declaration from mukhtar for no complaints received during MP has not provided. d) OK, closed.

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			Review-2: c) Ok, closed (Provided)
CAR-21 Proportioning constant 0.32 is not mentioned in the Section B.2, mention if needed.	ITR	Response-1: Proportioning constant explanation has been written in 2 nd CP PDD; therefore, this is not a post design change. There is already an explanation about 0.32 in the MR.	Review-1: OK, closed (The explanation is in Section E.5 in MR)
CAR-22 Check calculation in K23 cell and correct numbers in MR	ITR	Response-1: K23 has been revised. Values are correct in the MR.	Review-1: OK, closed (Revised)
CAR-23 Operational structure of Ayrancilar HEPP is mentioned in the MR.	ITR	Response-1: Revised.	Review-1: OK, closed (Revised)
CAR-24 Units missing in E.4 of MR	ITR	Response-1: Units have been added.	Review-1: OK, closed (Added)
CAR-25 Please mention the FAR that is available in Validation Report in the MR.	ITR	Response-1: In the validation report, there is no far raised from this validation explanation has been stated.	Review-1: OK, closed (Confirmed)
FAR-1 During this verification, discrepancies were found between the GS Assurance Platform and the certified PDD regarding project start date, design certification date, and methodology version. The Project Developer has submitted a request to GS to correct	MR		

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these via the "Manage Information" section. This FAR is raised to ensure the updates are completed prior to the next verification.			