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**GOLD STANDARD FOR THE GLOBAL GOALS (GS4GG)
REPORT
-
VERIFICATION**



Project Title: Chanju I Hydro Electric Project
Monitoring Period: 01/07/2019 to 25/07/2022 (inclusive of both dates)
GS project ID: GS7154
Internal ID: A+SH_SYST_TQC_GS_VER_4325
Customer: Project Participant: IA Hydro Energy Private Limited
Project Representative: Climera Carbon Private Limited
Date: ~~25/09/2025~~1430/011/20265
Revision: ~~05~~4

SUMMARY			
Reference No.	Date (first version)	Version No.	Date (last version)
A+SH_SYST_TQC_GS_VER_4325	25/08/2025	054	25/09/20253014/011/20265
GS4GG Verification			
GS4GG Certified Product (sought):	GS VER		
GS4GG SDG Impact Statement (sought):	Impact Certification		
General Information			
Client	IA Hydro Energy Private Limited Climera Carbon Private Limited		
Project Title	Chanju I Hydro Electric Project		
Project Participants	IA Hydro Energy Private Limited		
Project Representative	Climera Carbon Private Limited		
Project Location	Himachal Pradesh, India		
Contact Person	Mr. Shravan Kumar Goyel		
Monitoring Period:	01/07/2019 to 25/07/2022 (inclusive of both dates)		
• GS4GG Version: GS4GG Principles and Requirements 2.1 • GS4GG Activity Requirements: RE Activity Requirements, version 1.4 • GS Validation and Verification Standard V2.0 • GHG Emissions Reduction & Sequestration Product Requirements, v3.1 • Applied Methodology Version: ACM0002: Grid-connected electricity generation from renewable sources – Version 20.0		GS4GG Sectoral Scope: 2 UNFCCC CDM Sectoral Scope: 1 Technical Area: 1.2	
Initial Monitoring Report Version: 01 Date: 18/06/2025		Final Monitoring Report Version: 076 Date: 24/09/202503/11/2025	
Project Design Document Version: Assessment team checked the GS PDD version 05 Dated 14/02/2023			
Estimated Values for the Monitoring period for all SDG:			
Sustainable Development Goals	SDG Impact	Estimated values for this monitoring period	
SDG 7: Affordable and Clean Energy: Ensure access to affordable, reliable, sustainable and modern energy for all	MWh of renewable energy generated	479,945.20 MWh (1,121 days)	

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SUMMARY		
SDG 8: Decent Work and Economic Growth: substantially reduce the proportion of youth not in employment, education or training	Number of hiring through project activity	05 employment per year
	Number of trainings through the project activity	01 training per year
SDG 13: Take urgent action to combat climate change and its impacts	Emission reductions	437,902 tCO ₂ e (1,121 days)

Actual outcomes achieved for all SDG:

Sustainable Development Goals	SDG Impact	Actual values achieved for this monitoring period
13 Climate Action	Emission Reduction	417,782 tCO ₂ e
7 Affordable and Clean Energy	MWh of renewable energy generated	457,980.36 MWh
8 Decent Work and Economic Growth	Number of hiring through project activity	04 people employed (Skilled: 04, Un-Skilled: 0, Semi-Skilled: 0)
	Number of trainings through the project activity	06 No's training

Selected Sustainable Development Goals (SDGs): 7; 8; 13

Verification Summary

LGAI Technological Center, S.A. (hereafter referred to as Applus+ Certification) has been contracted by IA Hydro Energy Private Limited & Climera Carbon Private Limited to perform the 2nd periodical verification of "Chanju I Hydro Electric Project" (Ref. No. GS 7154) applying the methodology ACM0002, Version 20 "Grid-connected electricity generation from renewable sources".

The audit team of Applus+ Certification has performed the verification activity and respective details are embedded in further section.

The management of Climera Carbon Private Limited are responsible for the preparation of the GHG emissions data and the reported GHG emission reductions.

A desk review and an onsite visit interview have been conducted to verify the data submitted in the monitoring report. Applus+ Certification confirms the following have been reviewed:

- The GS PDD version 05 including the monitoring plan;
- Monitoring report v.1.1 Template Guidelines;
- The applied monitoring methodology;
- GS4GG Validation and Verification Standard, version 2.0;
- GS4GG guidelines and related Annex.
- All information and references relevant to the project activity's resulting in emission reductions.

IA Hydro Energy Private Limited has set-up a grid connected run-of-river hydropower project, located in in the Northern power region and has been conceived for harnessing the power potential of Chanju Nallah, a tributary of Baira nallah and sub tributary of River Ravi, Chamba District of Himachal Pradesh State of India, with GPS coordinates as mentioned in below table. The same was confirmed with google earth images, document review and found to be correct.

Latitude	32°44'14" (32.7372) N to 32°45'43" (32.7619) N
Longitude	76°12'06" (76.2016) E to 76°14'52" (76.2477) E

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SUMMARY

Powerhouse

32°45'40.0"N 76°12'05.0"E (32.761111, 76.201389)

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The project involves the installation of three vertical-axis Francis turbine generating units, each with a capacity of 12 MW, totalling 36 MW of power. These turbines operate with a design head of 236.67 meters and a design discharge of 16.85 cubic meters per second. The diversion barrage creates a reservoir area of approximately 0.017 square kilometres, resulting in a power density of 2,117.64 W/m². The project was fully commissioned on 26/07/2017. The project uses hydro power to generate electricity and the same is exported to Indian grid (hereafter referred to as the Grid) through the sub-station at Kurthala, Himachal Pradesh.

The report and the annexed verification checklist describe a total of 08 findings which include:

- 02 Corrective Action Requests (CARs);
- 02 Clarification Requests (CLs);
- 02 Forward Action Requests (FARs).
- 02 Previously raised Forward Action Requests (FARs).

Applus+ Certification confirms that the project is implemented in accordance with the validated GS4GG PDD. The monitoring plan complies with the applied methodology ACM0002 Version 20.0 and the GS4GG principles and requirements version 2.1, the monitoring has been carried out in accordance with the monitoring plan. The monitoring system is in place and the emission reductions are calculated without material misstatements. Our opinion relates to the projects GHG emissions and the resulting GHG emission reductions reported and related to the valid and registered project baseline and monitoring and its associated documents. Based on the information reviewed and evaluated Applus+ Certification confirms that the implementation of the project has resulted in 417,782 tCO₂e emission reductions during period from 01/07/2019 to 25/07/2022 (inclusive of both dates).

ASSESSMENT TEAM

Team Members	Type of Resource ¹	Organization (for Oes)
Lead Auditor (LA), Technical Expert (TE), Country Expert & GS approved auditor: Mr. Ishan Shrivastava	☐ IR ☐ EI ☒ OE	M/s True Quality Certifications Private Limited
Auditor in Training (AiT), Technical Expert in Training (TEiT) & Country Expert: Mr. Sarthak Jain	☐ IR ☐ EI ☒ OE	M/s True Quality Certifications Private Limited (Outsourced entity)
Technical Reviewer/ Technical expert: Mr. David Lubanga	☐ IR ☒ EI ☐ OE	LGAI Technological Center, S.A. (Applus+ Certification)

Note: In line with the Section 6.8 of GS Validation and Verification Standard Version 2.0 dated on 12/11/2024, the VVB hereby discloses that the Applus+ Certification had performed design certification of this project with different team members i.e., LA: Mr. Sukanta Das & TE: Mr. Pankaj Kumar, TR: Mr. Denny Xue).

¹ IR (Internal Resource); EI (External Individual); OE (Outsourced Entity)

ABBREVIATIONS	
ACM	Approved Consolidated Methodology
AM	Approved Methodology
Applus+ LGAI / Applus+	LGAI Technological Center, S.A. (Applus+ Certification)
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM EB	CDM Executive Board
CDM VVS Version 03.0	CDM validation and verification standard for project activities, Version 03.0
CER	Certified Emission Reduction
CL / CR	Clarification Request
CM	Combined Margin
CMP	Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol
DNA	Designated National Authority
DOE	Designated Operational Entity
EF	Emission Factor
EIA	Environmental Impact Assessment
ER	Emission Reduction
FAR	Forward Action Request
GHG	Greenhouse Gas(es)
GS4GG (or GS)	Gold Standard for Global Goals
IPCC	Intergovernmental Panel on Climate Change
KP	Kyoto Protocol
MP	Monitoring Plan
MR	Monitoring Report
NGO	Non-Governmental Organization
SDG	Sustainable Development Goal
TAC	Gold Standard Technical Advisory Committee
OM	Operational Margin
PDD	Project Design Document
PP	Project Participant
UNFCCC	United Nations Framework Convention for Climate Change
VVB	Validation and Verification Body
VVS	Validation and Verification Standard

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1. INTRODUCTION

1.1 Objective

LGAI Technological Center, S.A. (hereafter referred to as Applus+ Certification) has been contracted by IA Hydro Energy Private Limited & Climera Carbon Private Limited to perform the 2nd periodical verification of "Chanju I Hydro Electric Project" applying the methodology ACM0002 Version 20 and GS4GG guidelines. The audit team of Applus+ Certification has performed the verification activity. Gold Standard projects must undergo periodic audits and verification of emission reductions as the basis for issuance of CDM Gold Standard [CERs/VERs](#).

The objective of the verification work is to assess the compliance with the requirements of paragraph 62 of the CDM Modalities and Procedures as well as the GS4GG guidelines and relevant Principles and Requirements. According to this assessment Applus+ Certification shall:

- Ensure that the project activity has been implemented and operated as per the GS PDD and that all physical features (technology, project equipment, monitoring and metering equipment) of the project are in place;
- Ensure that the Monitoring Report and other supporting documents provided are complete, verifiable and in accordance with applicable GS4GG Validation and Verification Standard, version 2.0 for the project activities and Gold Standard (i.e., applicable GS4GG requirements);
- Ensure that the actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved methodology;
- Evaluate the data recorded and stored as per the ACM0002 Version 20.

1.2 Scope

The verification scope encompasses an independent and objective review and ex-post determination of the monitored reductions in GHG emissions by the VVB. The verification is based on the submitted monitoring report, GS PDD as well as its validation report, the applied monitoring methodology, relevant decisions, GS4GG guideline and any other information and references relevant to the project activity's resulting emission reductions. These documents are reviewed against the requirements of the GS4GG guideline and relevant Principles and Requirements, as well as their related rules and guidance.

Based on the requirements in the GS4GG Validation and Verification Standard version 2.0 for the project activities as well as the GS4GG guidelines, Applus+ Certification has applied a rule-based approach for the verification of the project. The principles of accuracy, completeness, relevance, reliability and credibility were combined with a conservative approach to establish a traceable and transparent verification opinion.

The verification considers both quantitative and qualitative information on emission reductions. The verification also considers the monitoring of SDG goals as per the requirement of GS4GG guideline.

The verification is not meant to provide any consultancy towards the client. However, stated requests for clarifications, corrective and/or forward actions may provide input for improvement of the monitoring activities.

1.3 Description of the project activity

IA Hydro Energy Private Limited has set-up a grid connected run-of-river hydropower project, located in the Northern power region and has been conceived for harnessing the power potential of Chanju Nallah, a tributary of Baira nallah and sub tributary of River Ravi, Chamba District of Himachal Pradesh State of India, with GPS coordinates as mentioned in below table. The same was confirmed with google earth images, document review and found to be correct.

Latitude	32°44'14" (32.7372) N to 32°45'43" (32.7619) N
Longitude	76°12'06" (76.2016) E to 76°14'52" (76.2477) E
Powerhouse	32°45'40.0"N 76°12'05.0"E (32.761111, 76.201389)

The project involves the installation of three vertical-axis Francis turbine generating units, each with a capacity of 12 MW, totalling 36 MW of power. These turbines operate with a design head of 236.67 meters and a design discharge of 16.85 cubic meters per second. The diversion barrage creates a reservoir area of approximately 0.017 square kilometres, resulting in a power density of 2,117.64 W/m². The project was fully commissioned on 26/07/2017. The project uses hydro power to generate electricity and the same is exported to Indian grid (hereafter referred to as the Grid) through the sub-station at Kurthala, Himachal Pradesh.

The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 142,582 tCO₂e per annum, thereon displacing 156,272 MWh/year unit of electricity from the hydro power plants connected to the Indian grid (hereafter referred to as the Grid) through Himachal Pradesh State Electricity Board Ltd., which is mainly dominated by thermal/ fossil fuel-based power plant.

The purpose of the project activity is to generate electricity and sale to the different State Electricity Load Dispatch Centre of India through Indian Grid. The project activity displaces an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid and thereby has resulted in reduction of the associated CO₂ emissions. The monitoring of emission reduction and sustainable development indicators has been carried out in accordance with respective GS PDD. During monitoring period, the GHG emission reductions achieved from the project activity 417,782 tCO₂e, by generating 457,980.36 MWh electricity from the Hydro power plant.

2. METHODOLOGY

Applus+ Certification approach to the verification is a two-stage process. In the 1st stage, Applus+ Certification completed a strategic review and risk assessment of the project activities and processes in order to gain a full understanding of:

- Activities associated with all the sources contributing to the project emissions and emission reductions, including leakage if relevant;
- Protocols used to estimate or measure GHG emissions from these sources;

- Collection and handling of data;
- Controls on the collection and handling of data;
- Means of verifying reported data; and
- Compilation of the monitoring report.

Applus+ Certification performed risk-based assessment of the parameters and data collection and handling processes for each of those parameters, describes the verification approach and the sampling plan.

In the 2nd stage, Applus+ Certification verified the implementation of the monitoring plan and the data presented in the Monitoring Report for the period in question. This involved an onsite audit and a desk review of the Monitoring Report. This Verification Report describes the findings of this assessment.

2.1 Appointment of the assessment team

According to the sectoral scope / technical area and experience in the sectoral or national business environment, LGAI Technological Center, S.A. (Applus+ Certification) has composed a project assessment team in accordance with the appointment rules in the internal Quality Management System of LGAI Technological Center, S.A. (Applus+ Certification).

The composition of audit team shall be approved by the LGAI Technological Center, S.A. (Applus+ Certification) ensuring that the required skills are covered by the team.

The qualification levels for team members that are assigned by formal appointment rules are as presented below:

- Lead Auditor (LA).
- Auditor (A).
- Technical Expert (TE).
- Technical Reviewer (TR).
- Financial Expert (FE)
- Local Support (LS)
- Any of the above-mentioned roles in training (iT, e.g. AiT for auditor in training)

The sectoral scope / technical area knowledge linked to the applied methodology/ies shall be covered by the assessment team.

Name	Role	SS / TA Coverage	Financial aspect	Host country experience	Onsite Visit
Mr. Ishan Shrivastava	Lead Auditor / Technical Expert /Country expert/ GS	YES	NA	Yes	Yes

	Approved Auditor				
Mr. Sarthak Jain	Auditor in Training / Technical Expert in Training/ Country Expert	YES	NA	YES	Yes
Mr. David Lubanga	Technical Reviewer/ Technical Expert	YES	NA	NA	No

The complete list of CVs is included as Appendix 2 of this report.

2.2 Document review

The Monitoring Report version 01 was submitted to VVB before the verification activities started. The MR was assessed based on all the relevant documents. The aim of the assessment in the desk review was to:

- Verify the completeness of the data and the information presented in the MR;
- Check the compliance of the MR with respect to the monitoring plan depicted in the GS PDD, verify that the applied methodology was carried out. Particular attention to the frequency of measurements, the quality of the metering equipment including calibration requirements, and the quality assurance and quality control procedures of the power plant was checked by the assessment team.
- Evaluate the data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.
- Please check reference 4 of this report for detail of the documents checked.

2.3 On site assessment and follow up interviews

In accordance with Section 9.7.2 (e) of GS4GG Validation and Verification Standard version 2.0, to maintain confidentiality of the interviewee's information, the details have been provided in separate file (private) and will be submitted to GS along with final reports.

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	xxSambyat	Himanshu x	xxManager, Powerhouse In-charge, I.A. energy	25/07/2025	Project operation, Q/A and Q/C procedure, Compliance of monitoring plan with	Mr. Ishan Shrivastava and
2.	xxPat	xxYash	xxBarrage In-charge, I.A. energy			Mr. Sarthak Jain

3.	xxKumar	xxRajinder	xxBarrage Civil in charge	monitoring methodology and MR, Employment details, Role in the project activity, Trainings attended	
4.	xxKumar	xxRaman	xxAsst. Electrician		
5.	xxPandit	xxRajkumar	xxM. Foreman		
6.	xxRam	xxShiv	xxSr. Engineer		
7.	xxMehta	xxAnkit	xxSr. Engineer		
8.	xxRaj	xxKumar	xxShift Engineer		
9.	xxji	xxFilak	xxLocal villager	Local stakeholder grievances, Impact of project on local area	

The details activity done during the Onsite audit is as below:

Onsite visit was conducted by the VVB for this GS verification on 25/07/2025 used standard auditing techniques to verify information and compliance with applicable requirements to the extent possible, to ensure the completeness and credibility of the audit. The Onsite audit was conducted and audit was attended by In-charge of the site as well as consultant. Details of attendees are given below in section D.3. The topics discussed during the Onsite audit are given in below table;

Duration of on-site inspection: 25/07/2025				
No.	Activity performed on-site	Site location	Date	Team member
1.	The verification team conducted visit to the project site to confirm the information and to resolve issues identified in the document review. An on-site assessment was conducted as a part of verification activity and involved: 1) An assessment of the implementation and operation of the CDM project activity as per the registered PDD 2) A review of information flows for generating, aggregating and reporting of the monitoring parameters 3) Interviews with relevant personnel to confirm that the operational and data collection procedures are	Chanju nallah, Chamba district, Himachal Pradesh, India	25/07/2025	Mr. Ishan Shrivastava and Mr. Sarthak Jain

	implemented in accordance with the Monitoring Plan			
4)	A cross-check between information provided in the MR and data from other sources			
5)	A check of the monitoring equipment including calibration performance, and observations of monitoring practices against the requirements of the PDD and the applied methodology			
6)	A review of calculations and assumptions made in determining the GHG data and ERs, and			
7)	An identification of QA/QC procedures in place to prevent, or identify and correct, any errors or omissions in the reported monitoring parameters			

As referred above, the objective of the Onsite assessment was to verify the following issues:

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- Confirm the implementation and operation of the project in line with GSPDD: the project activity is implemented as per the registered PDD and there is no change in capacity or design of the project activity since commissioning. Same was confirmed from commissioning certificates, recent site photographs, PPA, interviews with PP/Site in charge and invoices raised by PP towards state utility;
- Confirm the correct implementation of procedures for operations and data collection: during interviews with PP, it was confirmed that implementation of procedures for operations and data collection is in line with GS PDD. Service provider is responsible for the operations, maintenance as well as maintaining other technical data of the project activity. Performance and operation data of Hydro Power project;
- Cross-checked the information provided in the MR documentation with other sources: the information provided in the MR was crosschecked with the commissioning certificates, PPA, calibration certificates and JMRs;
- Checked the monitoring equipment against the requirements of the PDD and the approved methodology, including calibrations, maintenance, etc.: monitoring meters are cross checked with the previous verification reports, interviews with PP, current photographs/videos submitted by PP and calibration is checked with the calibration certificates issued by State Utility authorized third parties;

- Reviewed the calculations and assumptions used to obtain the GHG data and ER: calculation procedures and monthly generation data is checked with JMR and crosschecked with invoices;
- Identified if the quality control and quality assurance procedures are in place to prevent or correct errors or omissions in the reported parameters: during interviews with PP, it was confirmed that quality control and quality assurance procedures are in place. Metering arrangements & JMR procedure is defined and controlled by state utility and PP do not have control on it. Assessment team checked all the monthly JMR values as well as crosschecked with the invoices and found that emission reductions are calculated conservatively.
- Thus, to verify the implementation of project activity, onsite operation & maintenance, monitoring & management practices; assessment team has conducted onsite visit where interviews with onsite in-charge, O&M team and also had a detail discussion with the PP representative and reviewed third party statutory documents i.e. Commissioning certificates, Power Purchase Agreement, Complete set of JMRs covering monitoring period, Invoice (for cross check of Net electricity supplied to the grid as per revised PDD), training records, O&M schedule, complaint/feedback register and other relevant records.

After site interviews with concerned persons, document reviews & site videos/photographs submitted by PP; assessment team concluded that the project activity is implemented and operated in-line with the GS PDD. There is no change in the project design or operation and monitoring practices at site which can alter the applicability of meth or additionality of the project activity. In addition to the interviews with PP, assessment team have checked the commissioning certificate, PPA and JMRs and found that the project activity is implemented as per the GS PDD, and Monitoring report submitted by the PP for current monitoring period. From review of JMR and invoices assessment team therefore of the opinion that project is implemented as described in the GS PDD and there is no change in monitoring practices as well as all monitoring parameters as envisaged in the PDD. All the monitored values are supported by the evidences i.e. JMRs and found that information provided in the MR is in line with the submitted evidences. Assessment team reviewed all the calibration certificates and found that monitoring meters are ~~calibrated periodically~~
there has been Delay in calibration of Energy meters in year 2021, details are mentioned in section 3.4.b of this report:-

2.4 Quality of evidences

Sufficient evidence covering the full verification period in the required frequency is available to verify the figures stated in the final MR Version 06. Specific cross-checks have been done in cases that further sources were available. The monitoring report's figures were checked by the assessment team against the raw data. The data collection system meets the requirements of the monitoring plan as per the methodology.

2.5 Reporting of findings

As an outcome of the verification process, the assessment team can raise different types of findings.

Where a non-conformance arises the assessment team shall raise a Corrective Action Request (CAR). A CAR is issued, where:

- Non-compliance with the monitoring plan or methodology are found in monitoring and reporting and has not been sufficiently documented by the project participants, or if the evidence provided to prove conformity is insufficient;
- Modifications to the implementation, operation and monitoring of the registered project activity has not been sufficiently documented by the project participants;
- Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impact the quantity of emission reductions;
- Issues identified in a FAR during validation to be verified during verification or previous verification(s) have not been resolved by the project participants.

The assessment team shall raise a Clarification Request (CL) if information is insufficient or not clear enough to determine whether the applicable CDM/GS requirements have been met.

All CARs /CRs/ FARs raised during verification shall be resolved prior to submitting a request for issuance.

Forward Action Requests (FARs) may be raised during verification for actions where the monitoring and reporting require attention and/or adjustment for the next verification period.

Please refer Appendix 1 of this report. Total numbers of CARs: 02, CLs: 02, FARs: 02, Previously raised FARs: 02.

2.6 Internal Quality Control

As a final step of verification, the final documentation including the verification report has to undergo an internal quality control by the Technical Reviewer. Each report has to be finally approved either by the DOE's Technical Manager or the Deputy. This approval process also includes another quality assurance check in terms of Administrative Review. In case one of these two persons is part of the assessment team, the final approval can only be given by the person who is not a part of the assessment team. If the documents have been satisfactorily approved, the Request for Issuance is submitted to the GS Registry along with the relevant documents.

3. VERIFICATION FINDINGS

3.1 FARs from Validation / Previous Verification

This is 2nd periodic verification for the project activity and 02 FAR is raised during current verification of the project activity and 02 FARs from previous verification and Performance review. Detailed assessment can be found in Appendix 1 of this report.

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3.2 Project Implementation in accordance with the registered Project Design Document

The project activity was fully implemented according to the description presented in the GS PDD. The assessment team confirms, through the Onsite audit that all physical features of the proposed project activity including data collecting systems and storage have been implemented in accordance with the GS PDD.

The technical features of the equipment's have been verified by the assessment team by reviewing following documentation:

- Onsite interviews of O&M personnels
- Technical detail analysis of the Hydro Power plant from the documents submitted by the manufacturer.
- Power Purchase Agreement/Energy generation record for the project activity

Main Technical Parameters of the Implemented project is mentioned as follows:

Parameter	Value
Net head	236.67 m
Type of power house	Surface
Design discharge for individual units	5.62 m ³ /sec
Type of switchgear	132 kV air insulated switchgear
Speed of turbine	750 rpm
Generation voltage	11 kV
Transmission voltage	132 kV
GSU transformer	25/20 MVA 3 phase, 11/132 kV

Assessment team checked the latitude and longitude of the project activity using GPS and also cross checked from the Google earth and found the detail to be correct. The same is defined below:

Longitude : _____ 76°12'06" (76.2016) E to 76°14'52" (76.2477) E

Latitude : _____ 32°44'14" (32.7372) N to 32°45'43" (32.7619) N

Powerhouse Location: _____ 32°45'40.0"N 76°12'05.0"E (32.761111, 76.201389)

Assessment team also checked the locations of the project activity in the GS PDD and found that the geographical coordinates (mentioned above) provided are found to be correct. Thus, locations provided in MR are found in line with revised documents of the project activity.

Assessment team checked the commissioning date of the project activity from the Commissioning certificate issued by the government authority i.e. state utilities and found the same to be appropriate.

The project activity was in normal operational during the monitoring period and the same has been confirmed during interviews with PP and crosschecked from review of JMRs. Power plant is working throughout the monitoring period and same have been conformed from JMR values. No unusual activates observed during the monitoring period and plant was undergone scheduled as well as emergency maintenance as per the recommendation of the manufacturers. No forced

breakdown observed and the same is confirmed by the assessment team with the plant log details and JMRs and also confirmed during onsite audit.

Moreover, there were no changes in host country regulations which may impact either baseline or additionality of the project. Thus, assessment team confirms that the project is implemented as per the GS PDD and no change in additionality/baseline is envisaged for the present monitoring period.

The amount of **CERs/VERs** achieved (417,782 tCO₂e) during the present monitoring period is - 4.59% less than the estimated value (437,902 tCO₂e) for the monitoring period. The rationale behind the lower ER is monitoring period is seasonal hydrological variations affecting river inflows and head levels. Further, VVB team confirmed that decrease in actual ER w.r.t to estimated ER doesn't adversely effect on project IRR.

The verification team confirms that the implementation and operation of the project activity have been reviewed in accordance with the requirements as per Section 2 of GHG Emissions Reduction & Sequestration Product Requirements, Version 3.1.^{4/} The project remains compliant with the applicable eligibility and implementation requirements.

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Compliance of the Monitoring Plan with the Monitoring Methodology:

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The verification team is able to confirm that the monitoring plan is in accordance with the approved methodology ACM0002 Version 20.0, applied by the proposed GS project activity.

During Assessment it was found that the recording frequency for monitoring parameter EG_{aux} (MWh) was changed from hourly bases to daily basis, which was checked and found acceptable.

Temporary deviations from the approved Monitoring & Reporting Plan, methodology or standardized baseline :

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The verification team reviewed the temporary deviation described under the approved request DEVRQ-182. It is confirmed that the Verification site visit conducted on 25/02/2021 has been appropriately applied for the verification of Monitoring Period 1 (From 25/02/2019 to 30/06/2019), Which is in accordance with Gold Standard provisions permitting retroactive crediting for up to two years prior to the validation visit, provided that project eligibility was maintained during the period. For Current Monitoring Period 2 (From 01/07/2019 to 25/07/2022), the verification site visit conducted on 25/07/2025 adequately covers the respective period. The verification team concludes that the applied approach is consistent with Gold Standard requirements, and the deviation is therefore considered acceptable.

No other deviation, correction or permanent change to the current monitoring plan has been requested or observed.

Materiality adopted in Verification:

Consideration of materiality in planning the verification

No.	Risk that would lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk levels	Justification	
1	Human errors: Readings from Meters (if not automatic)	LOW	Human error is likely to occur if the monitoring personnel	All the personnels are well trained to monitor and collect data and thus risk

No.	Risk that would lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk levels	Justification	
			are not trained well or inexperienced in data recording procedures and monitoring processes.	associated with Human error is minimized. Assessment team checked the training records to confirm that all the personnel are well trained to handle the activities related to monitoring. Assessment team checked the training records for the complete monitoring period and confirm that the personnel are well trained to monitor and collect data for the project activity.
2	Human error: Quantification of emission reduction	LOW	Use of spread sheets without adequate data control, changes/updates, version tracking, traceability and security	All the energy statement i.e. Daily generation Records (DGR), JMR sheets and the invoices for the complete monitoring period are checked and thus the assessment team confirms that the ER value is conservative and correct.

Consideration of materiality in conducting the verification

In line with Guidelines for Application of materiality in verifications Version 02.0, the verification team has conducted a complete verification of all the information presented in the monitoring report and data monitored as presented in the emission reduction calculation spread sheet. Its invoices follow the paper trail back to the raw data such as meter reading records and invoices.

Emission Reductions (tCO ₂ e)/year	500,000 or more	300,000 to 500,000	300,000 or less	Micro Scale projects
Materiality Threshold para (9.6.3) of Validation-and-Verification-Standard version 2.0	0.5%	1.0%	2.0%	10.0%

The applicable materiality threshold is 2% for project activity as achieved ERs were lower than 300,000 tCO₂e/year as per requirement of Validation-and-Verification-Standard, version 2.0.

Particulars / Monitoring Report	MR Version (Initial)	MR Version (Revised/Final)
Emission Reductions Achieved (tCO ₂ e) in this monitoring period	421,855 tCO ₂ e	417,782 tCO ₂ e
Applicable Threshold (%) as per para 9.6.3 of Validation-and-Verification-Standard version 2.0	2.0%	2.0%

The verification team has identified the impact of errors observed and those were corrected by PP during verification for all monitoring parameters at the individual level. As thoroughly checked by the VVB, it was found that there are no material errors, overestimation of ER, omission, or misstatement for this project activity.

3.3 Compliance of the Monitoring Plan with the Monitoring Methodology

The verification team is able to confirm that the monitoring plan is in accordance with the approved methodology ACM0002, Version 20 and [Section 4 of GHG Emissions Reduction & Sequestration Product Requirements, Version 3.1./4/](#), applied by the proposed GS project activity.

3.4 Completeness of Monitoring

The monitoring has been carried out in accordance with the monitoring plan contained in the transitional document. All parameters were monitored and determined as per the monitoring plan of the GS PDD as follows:

a. Data and parameters fixed ex ante or at renewable of crediting period

$EF_{grid,OM,y}$, $EF_{grid,BM,y}$ and $EF_{grid,CM,y}$ are considered as ex-ante fixed parameters. Assessment team checked the values, source of data, choice of data, purpose of the data mentioned in the MR from the GS PDD and confirms that the similar approach was considered for the current monitoring period also. The ex-ante fixed parameters are described below:

The value for $EF_{grid,OM,y}$ & $EF_{grid,BM,y}$ was considered from Grid calculation published by Central electricity Authority, India, version 16.0 on March 2021. Further, $EF_{grid,CM,y}$ value calculated as per the below mentioned formula according to CDM TOOL 07.

$$EF_{grid,CM,y} = EF_{grid,OM,y} * W_{OM} + EF_{grid,BM,y} * W_{BM}$$

The default value as mentioned in the GS PDD and MR are same. The default value in turn is used for baseline calculation as per the formula given in the GS PDD for the current monitoring period.

The values are as below:

$$EF_{grid,OM,y} = 0.9568 \text{ tCO}_{2e}/\text{MWh}$$

$$EF_{grid,BM,y} = 0.8682 \text{ tCO}_{2e}/\text{MWh}$$

$$EF_{grid,CM,y} = 0.9124 \text{ tCO}_{2e}/\text{MWh}$$

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b. Data and parameters monitored

As per the registered monitoring plan and requirement of the registered methodology following parameters needs to be monitored:

EG_{facility,y} or EG_{P,y} - Net Quantity of Electricity supplied to grid (MWh):

This parameter is computed as difference of EG_{gross} and EG_{aux} i.e. $EG_{facility,y} = EG_{gross} - EG_{aux}$. The quantity of net electricity generation by the project activity is 457,980.36 MWh. Verification team has also cross checked the electricity export to grid with import/export meter installed at sub-station in line with the requirement of registered monitoring plan. Assessment team confirms that calculation is correct and in line with the approved monitoring plan.

EG_{gross} - Gross electricity generation by the project activity (MWh):

The gross generation data is measured/metered continuously by energy meter of accuracy class 1.0s installed at plant site owned by PP which is used for metering and billing to state utility. The electricity generation readings are recorded hourly in plant logbook as per monitoring plan in revised PDD. Energy meters are also installed at sub-station for measurement of export and import which is beyond control of PP and used for cross checked. The details of meters used for monitoring of gross generation are as follows:

Meter (Transmitter / Gauge)	Make Of Meter	Accuracy Class	Meter serial number	Calibration date	Due date
Meter change date: 29/05/2019					
TG 1	Schneider	1.0	34140731734	17/05/2019	16/05/2020
TG 2	Schneider	1.0	34140731733	17/05/2019	16/05/2020
TG 3	Schneider	1.0	34140731738	17/05/2019	16/05/2020
Meter change date: 29/05/2020					
TG 1	Schneider	1.0	540180078685	14/05/2020	13/05/2021
TG 2	Schneider	1.0	540180079101	14/05/2020	13/05/2021
TG 3	Schneider	1.0	540180078676	13/05/2020	12/05/2021
Meter change date: 11/05/2021					
TG 1	Schneider	1.0	34140731734	15/04/2021	14/04/2022
TG 2	Schneider	1.0	34140731733	15/04/2021	14/04/2022
TG 3	Schneider	1.0	34140731738	16/04/2021	15/04/2022
Meter change date: 02/06/2022					
TG 1	Schneider	1.0	540180078685	04/04/2022	04/04/2023
TG 2	Schneider	1.0	540180079101	04/04/2022	04/04/2023
TG 3	Schneider	1.0	540180078676	04/04/2022	04/04/2023

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During onsite visit it was observed that this value is monitored continuously and recorded hourly. The verification team has reviewed the plant logbook and confirms that values are correct. Verification team checked the plant logbook and confirms that values are correct. The meters are calibrated as per calibration frequency mentioned in registered monitoring plan. The total gross electricity generation by the project activity during this monitoring period is 463,885.14 MWh.

The verification team has confirmed that monitoring practiced at the site matches with that reported in the revised PDD.

EG_y Aux - Auxiliary consumption by the project activity (MWh):

The auxiliary consumption data is measured/metered continuously by auxiliary meter of accuracy class 0.2s installed at site. The auxiliary consumption data is recorded hourly in plant logbook. The details of auxiliary meter are as follows:

Meter (auxiliary)	Make of Meter	Accuracy Class	Meter serial number	Calibration date	Due date
AUX 1	Schneider	1.0	540180087883	06/07/2018	05/07/2019
AUX 2	Schneider	1.0	540180087890	06/07/2018	05/07/2019
Meter change date: 29/05/2019					
AUX 1	Schneider	0.5	34153341596	17/05/2019	16/05/2020
AUX 2	Schneider	0.5	34153341597	17/05/2019	16/05/2020
Meter change date: 30/05/2020					
AUX 1	Schneider	0.5	540180087883	13/05/2020	12/05/2021
AUX 2	Schneider	0.5	540180087890	14/05/2020	13/05/2021
Meter change date: 11/05/2021					
AUX 1	Schneider	0.5	34153341596	16/04/2021	15/04/2022
AUX 2	Schneider	0.5	34153341597	15/04/2021	14/04/2022
Meter change date: 25/06/2021 (Installed and Sealed by HPSLDC)					
AUX 1	Secure	0.2	Q0333445	24/11/2020	23/11/2021
AUX 2	Secure	0.2	Q0333450	24/11/2020	23/11/2021
AUX 1	Secure	0.2	Q0333445	20/11/2021	19/11/2022
AUX 2	Secure	0.2	Q0333450	20/11/2021	19/11/2022
AUX 1	Secure	0.2	Q0333445	18/11/2023	17/11/2024
AUX 2	Secure	0.2	Q0333450	18/11/2023	17/11/2024
AUX 1	Secure	0.2	Q0333445	17/11/2024	16/11/2025
AUX 2	Secure	0.2	Q0333450	17/11/2024	16/11/2025

Loop in and Loop Out Meters: -

Meter type	Old Meter Sr. No.	Make and Accuracy Class	Date Testing and Validity	Replaced Meter Sr.no.	Meter Change	Validity
Main-1	HPU06240	Secure,0.2s	03/10/2018 to 02/10/2019	HPU06250	19/06/2019	18/06/2020
Check-1	HPU06109	Secure,0.2s	03/10/2018 to 02/10/2019	HPU06251	19/06/2019	18/06/2020
Main-2	HPU06107	Secure,0.2s	03/10/2018 to 02/10/2019	Meters not changed, only calibrated in this duration		
Check-2	HPU06108	Secure,0.2s	03/10/2018 to 02/10/2019			
Meter change date: 19/06/2019 (Only for Main-1 and Check-1)						
Main-1	HPU06250	Secure,0.2s	15/05/2019 to 14/05/2020	HPU06240	30/01/2020	29/01/2021
Check-1	HPU06251	Secure,0.2s	15/05/2019 to 14/05/2020	HPU06109	30/01/2020	29/01/2021
Main-2	HPU06107	Secure,0.2s	15/05/2019 to 14/05/2020	HPU06239	30/01/2020	29/01/2021
Check-2	HPU06108	Secure,0.2s	15/05/2019 to 14/05/2020	HPU06110	30/01/2020	29/01/2021

Meter change date: 30/01/2020						
Main-1	HPU06240	Secure,0.2s	Meters are changed only in this duration	HPU06107	03/03/2021	02/03/2022
Check-1	HPU06109	Secure,0.2s		HPU06108	03/03/2021	02/03/2022
Main-2	HPU06239	Secure,0.2s		HPU06250	03/03/2021	02/03/2022
Check-2	HPU06110	Secure,0.2s		HPU06251	03/03/2021	02/03/2022
Meter change date: 03/03/2021						
Main-1	HPU06107	Secure,0.2s	Meters are changed only in this duration	Q0333420	25/06/2021	24/06/2022
Check-1	HPU06108	Secure,0.2s		Q0333442	25/06/2021	24/06/2022
Main-2	HPU06250	Secure,0.2s		Q0333350	25/06/2021	24/06/2022
Check-2	HPU06251	Secure,0.2s		Q0333438	25/06/2021	24/06/2022
Meter change date: 25/06/2021						
Main-1	Q0333420	Secure,0.2s	20/06/2023 to 19/06/2024	Meters are changed only in this duration		
Check-1	Q0333442	Secure,0.2s	20/06/2023 to 19/06/2024			
Main-2	Q0333350	Secure,0.2s	20/06/2023 to 19/06/2024			
Check-2	Q0333438	Secure,0.2s	20/06/2023 to 19/06/2024			
No Meter Change						
Main-1	Q0333420	Secure,0.2s	15/06/2024 to 14/06/2025	Meters are changed only in this duration		
Check-1	Q0333442	Secure,0.2s	15/06/2024 to 14/06/2025			
Main-2	Q0333350	Secure,0.2s	15/06/2024 to 14/06/2025			
Check-2	Q0333438	Secure,0.2s	15/06/2024 to 14/06/2025			
No Meter Change						
Main-1	Q0333420	Secure,0.2s	04/04/2025 to 03/04/2026	Meters are changed only in this duration		
Check-1	Q0333442	Secure,0.2s	04/04/2025 to 03/04/2026			
Main-2	Q0333350	Secure,0.2s	04/04/2025 to 03/04/2026			
Check-2	Q0333438	Secure,0.2s	04/04/2025 to 03/04/2026			

The verification team has reviewed the plant logbook and confirms that values are correct. Verification team checked the plant logbook and confirms that values are correct. The total auxiliary consumption by the project activity is 1,526.67 MWh. The verification team has confirmed that monitoring practiced at the site matches with that reported in the revised PDD.

The calibration frequency of meter is annually. Delay in above mentioned calibration period has been observed by VVB for Time period between 29/01/2021 to 03/03/2021, Error Factor of 0.2 % is applied in Emission reduction calculation, which was checked and found accepted.

PP did not apply sampling plan to determine data and parameters monitored during this monitoring period. The verification team has checked all the documents such as JMRs and hence sampling plan was not required. The verification team hereby confirms that all the documents have checked and found relevant to the current project activity.

c. Compliance with the calibration frequency requirements for measuring instruments

The calibration details such as make, accuracy class serial number is as per the meter available onsite and checked through photograph of meters. The Calibration details are presented above section.

Calibration frequency of the monitoring meters for project site are mentioned accordingly as per the monitoring plan. Assessment team checked the same and found that the calibration is appropriate and correct as traceability is ensured. In accordance with submitted copies of calibration certificates during onsite visit, meters were calibrated and for the meters which are beyond the calibration period for those permissible error limit has been applied accordingly. Calibration of the Energy meter is done by 3rd party entity "NIIRT-Centre for Calibration, Analysis & testing". Entity is certified agency for calibration in host country i.e., India.

The details of meter numbers and testing dates, the meters are tested/calibrated during the monitoring period have been detailed in above section.

3.5 SDG Outcomes Monitoring

In the GS PDD Version 05 Dated 14/02/2023, indicators are chosen for the monitoring of sustainable monitoring:

Meth/tool	Relevant SDG indicator	GS PDD	MR	Compliance
Net electricity supplied to the grid	SDG 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix Indicator 7.2.1: Renewable energy share in the total final energy consumption	Net Quantity of Electricity supplied to grid and Gross electricity generation by the project activity	Net Quantity of Electricity supplied to grid and Gross electricity generation by the project activity	Yes
Decent Work and Economic Growth	8.5: 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.	Number of people employed directly due to the project activity	Number of people employed directly due to the project activity	Yes

Meth/tool	Relevant SDG indicator	GS PDD	MR	Compliance
	8.5.1 Average hourly earnings of female and male employees, by occupation, age and persons with disabilities			
Decent Work and Economic Growth	8.6: By 2020, substantially reduce the proportion of youth not in employment, education or training 8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training	Quality of employment	Quality of employment	Yes
Climate Action	SDG 13.2: Take urgent action to combat climate change and its impacts (Indicator 13.2.1: Number of countries with nationally determined contributions, long-term strategies, national adaptation plans, strategies as reported in adaptation communications and national communications)	Emission reductions achieved per year	Emission reductions achieved per year	Yes

The verification of the parameters required by the monitoring plan is provided as follows:

Relevant SDG Indicator	SDG 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix Indicator 7.2.1: Renewable energy share in the total final energy consumption.													
Data/parameter:	EG _{facility,y} or EG _{PJ,y}													
Unit	MWh													
Description	Net Quantity of Electricity supplied to grid													
Source of data checked by the assessment team	Calculated from difference of Gross electricity generation and Auxiliary consumption by the project activity													
Value(s) of monitored parameter	<table><tr><th>Monitoring-YearPeriod</th><th>Net Electricity Generated (MWh)</th></tr><tr><td>01/07/2019 to 31/12/2019 01/07/2019 to 05/01/2020</td><td>88,401.00</td></tr><tr><td>01/01/2020 to 31/12/2020 06/01/2020 to 03/01/2021</td><td>165,939.00</td></tr><tr><td>01/01/2021 to 31/12/2021 04/01/2021 to 02/01/2022</td><td>136,906.46</td></tr><tr><td>01/01/2022 to 25/07/2022 03/01/2022 to 25/07/2022</td><td>66,733.91</td></tr><tr><td>01/07/2019 to 25/07/2022</td><td>Total 457,980.36 MWh</td></tr></table>		Monitoring-YearPeriod	Net Electricity Generated (MWh)	01/07/2019 to 31/12/2019 01/07/2019 to 05/01/2020	88,401.00	01/01/2020 to 31/12/2020 06/01/2020 to 03/01/2021	165,939.00	01/01/2021 to 31/12/2021 04/01/2021 to 02/01/2022	136,906.46	01/01/2022 to 25/07/2022 03/01/2022 to 25/07/2022	66,733.91	01/07/2019 to 25/07/2022	Total 457,980.36 MWh
Monitoring-YearPeriod	Net Electricity Generated (MWh)													
01/07/2019 to 31/12/2019 01/07/2019 to 05/01/2020	88,401.00													
01/01/2020 to 31/12/2020 06/01/2020 to 03/01/2021	165,939.00													
01/01/2021 to 31/12/2021 04/01/2021 to 02/01/2022	136,906.46													
01/01/2022 to 25/07/2022 03/01/2022 to 25/07/2022	66,733.91													
01/07/2019 to 25/07/2022	Total 457,980.36 MWh													
Means of verification:	The QA/QC procedure is as per the requirement of the GS PDD and onsite practice. The Changes in Energy meter as mentioned above were checked													

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	and found acceptable, Calibration of all Energy meters were reviewed and found acceptable. Assessment team confirms the same during the onsite interviews with PP. Assessment team checked calculation for the net electricity generated by the project activity. Moreover, as per the requirement of the approved methodology and GS PDD, assessment team cross checked the net electricity value as presented in the respective JMR with the invoices raised along with the plant logbooks maintained at the project site and found the values consistent. The same is thus acceptable to the assessment team and thus emission reduction calculation is correct.
Cross check mechanism	VVB has cross checked both plant logbooks as well as the invoices hence concluding that mission reduction calculated is correct and accurate. The cross-check mechanism is presented in the emission reduction calculation sheet and the same is found correct.

Relevant SDG Indicator	SDG 13 – Climate Action: Take urgent action to combat climate change and its impacts Indicator 13.2.2: Total greenhouse gas emissions per year.													
Data/parameter:	ER _y													
Unit	tCO ₂ e													
Description	Emission reductions achieved per year													
Source of data checked by the assessment team	As per Actual ER Sheet.													
Value(s) of monitored parameter	<table><tr><th>Year</th><th>Emission Reductions (tCO₂e)</th></tr><tr><td>01/07/2019 to 31/12/201901/07/2019 to 05/01/2020</td><td>80,644</td></tr><tr><td>01/01/2020 to 31/12/202006/01/2020 to 03/01/2021</td><td>151,375</td></tr><tr><td>01/01/2021 to 31/12/202104/01/2021 to 02/01/2022</td><td>124,889</td></tr><tr><td>01/01/2022 to 25/07/202203/01/2022 to 25/07/2022</td><td>60,874</td></tr><tr><td>From (01/07/2019 to 25/07/2022)</td><td>Total 417,782 tCO₂e</td></tr></table>		Year	Emission Reductions (tCO ₂ e)	01/07/2019 to 31/12/2019 01/07/2019 to 05/01/2020	80,644	01/01/2020 to 31/12/2020 06/01/2020 to 03/01/2021	151,375	01/01/2021 to 31/12/2021 04/01/2021 to 02/01/2022	124,889	01/01/2022 to 25/07/2022 03/01/2022 to 25/07/2022	60,874	From (01/07/2019 to 25/07/2022)	Total 417,782 tCO₂e
Year	Emission Reductions (tCO ₂ e)													
01/07/2019 to 31/12/2019 01/07/2019 to 05/01/2020	80,644													
01/01/2020 to 31/12/2020 06/01/2020 to 03/01/2021	151,375													
01/01/2021 to 31/12/2021 04/01/2021 to 02/01/2022	124,889													
01/01/2022 to 25/07/2022 03/01/2022 to 25/07/2022	60,874													
From (01/07/2019 to 25/07/2022)	Total 417,782 tCO₂e													
Means of verification:	Emission reduction calculated in thus correct and accurate.													
Cross check mechanism	VVB has cross checked both plant's JMR as well as the invoices hence concluding that mission reduction calculated is correct and accurate. The cross-check mechanism is presented in the emission reduction calculation sheet and the same is found correct.													

Relevant SDG Indicator	SDG 8: Indicator 8.5.1: Average hourly earnings of female and male employees, by occupation, age and persons with disabilities					
Data/parameter:	Number of jobs created during the project activity					
Unit	Number					
Description	Number of people employed directly due to the project activity					
Source of data checked by the assessment team	Plant records or the training records for all the employees/Letter from O&M contractor for employment generation/ DOE interview with employees, local stakeholders etc.					
Value(s) of monitored parameter	<table><tr><th>Year</th><th>Number</th></tr><tr><td>2019</td><td>4</td></tr></table>		Year	Number	2019	4
Year	Number					
2019	4					

		Skilled	4	
		Un-Skilled	0	
		Semi-Skilled	0	
	2020	4		
		Skilled	4	
		Un-Skilled	0	
		Semi-Skilled	0	
	2021	4		
		Skilled	4	
		Un-Skilled	0	
		Semi-Skilled	0	
	2022	4		
		Skilled	4	
		Un-Skilled	0	
		Semi-Skilled	0	
	From 01/07/2019 to 25/07/2022: 04 (Skilled: 04, Un-Skilled: 0, Semi-Skilled: 0)			
Means of verification:	The value for this parameter is taken from Plant records, Salary Slips. Attendance sheets. Verification team interviewed some employees & local stakeholders.			
Cross check mechanism	VVB has cross checked the Employment records, hence concluding that provided details in monitoring report are found is correct and accurate.			

Relevant SDG Indicator	SDG 8: Indicator 8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training	
Data/parameter:	Quality of employment	
Unit	Number	
Description	Training of Staff	
Source of data checked by the assessment team	Assessment team reviewed training records I, e., training attention sheet and MOMs	
Value(s) of monitored parameter	Year	Number of trainings provided
	01/07/2019 to 31/12/201901/07/2019 to 05/01/2020	1
	01/01/2020 to 31/12/202006/01/2020 to 03/01/2021	2
	01/01/2021 to 31/12/202104/01/2021 to 02/01/2022	2
	01/01/2022 to 25/07/202203/01/2022 to 25/07/2022	1
	01/07/2019 to 25/07/2022	Total 06
Means of verification:	The value for this parameter is taken from Training records	
Cross check mechanism	VVB has cross checked the Training records, hence concluding that provided details in monitoring report are found is correct and accurate.	

As a part of Continuous stakeholder communication or any grievance, during the interviews with PP, the verification team confirmed that there is a grievance book [/register/form](#) (Local body Authority person) [available at site office](#) and is accessible to local stakeholders. By checking grievance book submitted by PP, it was able to confirm there are no comments received from the

local people for the present monitoring period. Local people are happy with the implementation of the project activity as it entrusts employment and improve living standard of local people and villagers.

The assessment team confirmed that although the project was formerly registered under the CDM, it has transitioned to the Gold Standard and no emission reductions have been verified under the CDM after 30/06/2019. For the current monitoring period the project is applying verification solely under the Gold Standard, and no claims will be made under the CDM. The team also verified that the project is not registered under the I-REC mechanism, VCS, GCC or any other similar registry. Accordingly, the risk of double counting is ruled out.

In Summary, it is Applus+ Certification's opinion that the monitoring of the project participant regarding to sustainability is in line with requirement of the GS4GG guideline.

Summary of ex-post values of each SDG outcome for the current monitoring period

Item	Baseline estimate	Project estimate	Net benefit
SDG 7: Affordable and Clean Energy	0	457,980.36 MWh	457,980.36 MWh
SDG 8: Decent Work and Economic Growth	0	04 people employed 06 Training	04 people employed 06 Training
SDG 13: Climate Action	417,782 tCO ₂ e	0	417,782 tCO ₂ e

Comparison of actual value of outcomes with estimates in approved GS PDD

Item	Values estimated in ex ante calculation of approved PDD	Actual values achieved during this monitoring period
SDG 7: Affordable and Clean Energy	479,945.20 MWh for current Monitoring period	457,980.36 MWh
SDG 8: Decent Work and Economic Growth	05 people employment and 1 training	04 (Skilled: 04, Un-Skilled: 0, Semi-Skilled: 0), 06 trainings Provided
SDG 13: Climate Action	437,902 tCO ₂ e for current Monitoring period	417,782 tCO ₂ e

3.6 Assessment of Data and Calculation of Greenhouse Gas Emission Reductions

As a result of verification of the ER calculation process, the assessment team confirmed that all the parameters required for the determination of the emission reductions have been included in the Monitoring report and corresponding ER calculation spread-sheets and are consistent with the applied methodology ACM0002 Version 20 and the monitoring plan contained in the GS registered PDD. The parameters are complete in this monitoring period.

After verifying the reported figures with the raw data sources, it's confirmed that the values of the parameters from the raw data sources are consistent with those quoted in the Monitoring report Version 06 and corresponding ER calculation spread-sheets. The verification process for the same has been clearly described in above section of the report. See below for the detailed data:

Baseline Emissions for the amount of electricity supplied by project activity, BE_y is calculated as:

The baseline emission is calculated in line with ACM0002, Version 20 using equation below:

$$BE_y = EG_{PJ,y} \times EF_{grid,y} \quad \text{.....Equation No. 6 (as per ACM0002)}$$

Where,

BE_y = Baseline emissions in year y (tCO₂)

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

$EF_{grid,y}$ = Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system" (tCO₂/MWh)

$EF_{grid,y}$ = Baseline Emission factor
 = 0.9124 tCO₂/MWh

BE_y = $EG_{BL,y} \times EF_{grid,y}$
 = 457,980.36 * 0.9124
 = 417,782 tCO₂e (round down value)

Project emissions: The project emissions are regarded as zero according to the applied methodology and registered PDD. The reservoir area created by the diversion barrage is 17,000 m² which gives a power density of 2,117.6 W/ m². Since this is greater than 10 W/m², Therefore, in accordance to applied methodology, the project emissions considered as zero.

Emission reductions:

Thus, the emission reductions are as per para 62 equation 17 of ACM0002 Version 20.0:

$$\begin{aligned} ER_y &= BE_y - PE_y \\ &= 417,782 - 0 \\ &= 417,782 \text{ tCO}_2\text{e} \end{aligned}$$

The actual achieved emission reduction for this monitoring period is -4.59% (lower) than estimated value in the GS PDD (417,782 tCO₂e against estimated 437,902 tCO₂e for 1,121 operational days).

3.7 Management and Operational System

The responsibilities of data measurement, collection, verifying, archiving etc. have been clearly defined in the GS PDD. The same practice is followed onsite and it is confirmed by the assessment team during the interviews with PP. The data related to ER calculation as well as data monitoring, collection process etc. have been internally reviewed by the management of the Monitoring team regularly. The responsibility of each function is consistent with the monitoring plan in the GS PDD.

The information flow of each parameter has been verified by the assessment team via interviewing with responsible personnel.

It's verified during the interviews with PP & document review, the monitoring procedure as well as the internal quality management and control procedures are stipulated in the GS PDD. The monitoring personnel have been interviewed by the assessment team and it's confirmed that the monitoring is implemented as per the procedure. Also, the training record has been checked by the assessment team and it is confirmed that the monitoring personnel are get sufficient train to perform the monitoring.

All the data and documents, either hard copies or soft copies, is kept for two years after the end of the last crediting period or the last issuance of GS [CERs/VERs](#) for this Project, whichever occurs later.

4. REFERENCE

LIST OF DOCUMENTS	
S. No.	Document/Evidence/Reference/Web link, Version, Date
1.	Monitoring Report Version 01 dated 18/06/2025, Monitoring report version 076 dated 24/09/202503/11/2025
2.	ER Sheets version 05 dated 05/09/2025
3.	Final PDD under validation Version 05 Dated 14/02/2023, Final GS Validation report
4.	Gold Standard Rules and guidelines, Version 2.1 GHG Emissions Reduction & Sequestration Product Requirements , version 3.1 ACM0002 Version 20 "Grid-connected electricity generation from renewable sources" Tool 7- "Tool to calculate the emission factor for an electricity system" version 2.2.1 Tool 11- Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period -Version 3.0.1 (EB 66 annex 47) Tool 1- "Tool for the demonstration and assessment of additionality" version 5.2 CDM project standard for project activities, version 3.0 CDM validation and verification standard for project activities, version 3.0
5.	Guidelines for application of materiality in verification, version 2.0

LIST OF DOCUMENTS	
S. No.	Document/Evidence/Reference/Web link, Version, Date
6.	Commissioning certificates for the project activity _
7.	Training records of the employees (both skilled/non-skilled) for the complete monitoring period
8.	Power Purchase Agreement _
9.	Monthly Joint Metering reports _ and Invoices for period from 01/07/2019 to 25/07/2022.- ←
10.	Calibration certificates for all meters covering complete monitoring period.
11.	Logbook in excel for Daily Generation Reports for complete monitoring period _
12.	Sample work contract for both skilled and non-skilled manpower _ Training Records _
13.	Grievance register _
14.	Technical specifications of monitoring equipment's _
15.	Declaration from project developer for no double counting of the emission reductions _

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5. **FINAL VERIFICATION STATEMENT**

Applus+ Certification has been engaged by IA Hydro Energy Private Limited & Climera Carbon Private Limited to perform the verification of the "Chanju I Hydro Electric Project" (GS 7154) (UNFCCC Ref. No. 10153)².

The management of Climera Carbon Private Limited is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions on the basis set out within the project's Monitoring Plan in the Registered PDD and the applied methodologies.

Our verification approach was based on the requirements as defined under the GS validation and Verification Standard, version 2.0. Our approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. The verification can confirm that:

- Project is operated as planned and described in the project design document approved by the EB;
- Monitoring plan is as per the applied methodology;
- Monitoring in Monitoring Report is as per the PDD and the monitoring plan approved by the EB;
- Development and maintenance of records and reporting procedures are in accordance with the registered monitoring plan;
- Installed equipment being essential for generating emission reduction runs reliably;
- Monitoring system is in place and generates GHG emission reductions data;
- GHG emission reductions are calculated without material misstatements.

Based on the information we have seen and evaluated, we confirm the following statement:

Reporting period: 01/07/2019 to 25/07/2022 (inclusive of both dates)

Verified emissions in the above reporting period:

Leakage emissions	0 tCO ₂ e equivalents
Project emissions	0 tCO ₂ e equivalents
Baseline emissions	417,782 tCO ₂ e equivalents
Emission reductions	417,782 tCO ₂ e equivalents

² <https://cdm.unfccc.int/PRCContainer/DB/prcp452143904/view>



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Date: ~~25/09/2025~~ 30+4/01+20265
Lead Auditor and Technical Expert Mr. Ishan Shrivastava
Auditor in Training and Technical Expert in Training : Mr. Sarthak Jain
Tech. Reviewer and Technical Expert: Mr. David Lubanga

Approver (*Applus+ Certification VVB Technical Manager*)

~~Ms. Karen Vega Nonalaya~~ Agustín Calle de Miguel

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ASSESSMENT TEAM	
Lead Auditor: Mr. Ishan Shrivastava	Technical Reviewer: Mr. David Lubanga
Signature:	Signature:
Approver: Ms. Karen Vega Nonalaya <u>Agustín Calle de Miguel</u>	
Signature:	

Appendix 1: Corrective Action Request/Clarification Request/Forward Action Request resolution table

Table 1 Remaining FAR from validation and/or previous verifications

Type:	☐ CAR ☐ CL/CR ☒ FAR	Number:	01
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in GS4GG MR:	
Description of the audit finding	Date: 04/08/2025		
FAR from previous Verification by VVB: -			
The VVB shall verify the emission reductions will be capped to the upper bound of the sensitivity analysis (+/- 10%) range for next monitoring period if achieved emission reductions values higher.			
Project Participant's response		Date:	08/08/2025
In response to the Forward Action Request raised during the previous verification, the Project Participant confirms that the emission reductions for the current monitoring period have been assessed in accordance with the sensitivity analysis range. Specifically, if the achieved emission reductions exceeded the upper bound of the sensitivity analysis (+10%), the values have been conservatively capped at the upper bound, as per the FAR guidance.			
During this verification achieved emission reductions are under 10% limit of estimated value for this monitoring period.			
Documentation provided as evidence by Project Participant			
ER sheet and Monitoring report			
Auditor's assessment comment		Date:	14/08/2025
PO's response is accepted, estimated emission reductions for the current monitoring period is 457,980.36 tCO ₂ e and actual achieve Emission reduction was 417,782 tCO ₂ e which is 4.59 % less then the estimated value , which falls under the range, Thus This FAR is Closed.			

Type:	☐ CAR ☐ CL/CR ☒ FAR	Number:	02
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in GS4GG MR:	
Description of the audit finding	Date: 04/08/2025		
FAR from previous Verification by GS Reviewer: -			
- The earlier site visit for validation was carried out on 24/02/2021 and site visit for current verification is carried out on 10/04/2024 which is after 3 years and as per Rule update on Applicability of Minimum Site Visit Requirements by VVB, the VVB shall not verify the monitoring period falling before three years of the site visit date. The VVB shall confirm that the project developer will make a declaration, in writing, in each monitoring report submitted to Gold Standard that project will/has not issue both a CER/A6.4 units under Paris Agreement Crediting Mechanism and a GSVER for the same vintage. The VVB shall confirm that the project developer will make a declaration, in writing, in each monitoring report submitted to Gold Standard that project will/has not issue both			

a CER/A6.4 units under Paris Agreement Crediting Mechanism and a GSVER for the same vintage.

Project Participant's response	Date:	08/08/2025
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1. The validation site visit was conducted on 24/02/2021, and the current verification site visit was carried out on 10/04/2024. The monitoring period under consideration 01-Jul-2019 to 25-Jul-2022 falls within the three-year window preceding the site visit date, and is therefore eligible for verification in accordance with the updated rule. The PP confirms that the monitoring data and emission reduction calculations for this period have been submitted for verification, in full compliance with Gold Standard requirements.
2. The project developer has declared in a written declaration in each monitoring report submitted to Gold Standard, confirming that the project will not, or has not, issued both CERs or A6.4ERs under the Paris Agreement Crediting Mechanism and GSVERs for the same vintage.

Documentation provided as evidence by Project Participant

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Auditor's assessment comment	Date:	14/08/2025
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1. Last site visit for verification was conducted in 10/04/2024 and for current monitoring period Onsite visit was performed on 25/07/2025 which is less than 3 years from last visit, Hence it complies with Gold Standard requirements. Thus This **FAR is Closed.**
- ~~1-2.~~ The Project Developer has confirmed that the project has not applied for transition to the Article 6.4 mechanism and that no double issuance of CERs/A6.4 units and GSVERs has occurred. The PP also committed to including this declaration in all future monitoring reports. For current Monitoring period PD has provided Self declaration for same, which is checked and found acceptable. Thus This **FAR is Closed.**

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Type:	☐ CAR ☒ CL/CR ☐ FAR	Number:	01
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in GS4GG MR:	MR
Description of the audit finding	Date:	04/08/2025	
Provide Supporting document: 1. PP is requested to submit the Annual Report for GS for current monitoring period. 2. Training records mentioned in Appendix 1. 3. Calibration certificates for current monitoring period. 4. Employment records. 5. EIA Reports. 6. Grievance register was not found during onsite visit. 7. All JMR and Invoices. 8. Under supporting documents directory, Self-deceleration folder is provided, however, it was found empty. 9. SDG Impact Tool.			

Project Participant's response	Date:	08/08/2025
1. Annual report is now provided 2. Training records are now provided 3. Calibration certificates are now provided 4. Employment records are now provided 5. EIA report is now submitted to assessment team. 6. Grievance register is now provided to assessment team. 7. All JMR and invoices are now provided. 8. No double accounting self-declaration is now provided to team. 9. SDG impact tool is now provided.		
Documentation provided as evidence by Project Participant		
1. Annual report is now provided 2. Training records are now provided 3. Calibration certificates are now provided 4. Employment records are now provided 5. EIA report is now submitted to assessment team. 6. Grievance register is now provided to assessment team. 7. All JMR and invoices are now provided. 8. No double accounting self-declaration is now provided to team. 9. SDG impact tool is now provided.		
Auditor's assessment comment	Date:	14/08/2025
1. PP has submitted Annual Report for GS for period covering current monitoring period. Which was checked and found acceptable. Thus, this part of CL is closed. 2. PP has submitted Training records for current monitoring period provided in appendix 1 in MR document were checked and found consistent, Thus, this part of CL is closed. 3. PP has now provided Calibration Certificate for installed meters, which was checked with information provided appendix 2 of MR document and found acceptable, however for main and check meters installed, kindly refer CAR04 mentioned. Thus, this part of CL is Open. 4. PP has only provided Employment records for only 4 out of 18 as mentioned as actual value monitored in current monitoring period. PP shall provide documentary evidence for remaining as well. Thus, this part of CL is Open. 5. PP has provided EIA report for Chanju-I hydro power plant, which was checked and found acceptable. Thus, this part of CL is closed. 6. PP has submitted Grievance logbook for Chanju-I hydro HEP plant, for current monitoring period no Grievance complain was found, same was checked at time of onsite visit and interview with stakeholders, Thus, this part of CL is closed. 7. PO has provided all the applicable JMR and Invoices for current monitoring period, values provided in emission reduction sheet for calculation was checked and found consistent except for date 25/07/2022, CL02 has been raised for same. Thus, this part of CL is closed.		

8. PP has provided Self-deceleration for No double counting dated 08-August-2025, which was checked and found acceptable. Thus, this part of **CL is closed.**
9. PP has submitted SDG Impact Tool for current monitoring periods which was checked with information provided in MR document and found acceptable. Thus, this part of **CL is closed.**

CL is Open.

Project Participant's response	Date:	18/08/2025
3. meter details for auxiliary meters are also provided in appendix section of revised MR.		
4. The employment details are now revised and appointment letters for the newly hired employees are now provided to the assessment team.		
Documentation provided as evidence by Project Participant		
Meter calibration reports		
Updated MR		
Updated SDG impact tools		
Auditor's assessment comment	Date:	19/08/2025
3. PP has now provided Calibration Certificate for installed meters, which was checked with information provided appendix 2 of MR document and found acceptable, also now details of auxiliary meters are being provided as well, which was checked and found acceptable. Thus, this part of CL is Closed.		
4. PP has revised detail provided Employment provided from 18 to 4 as actual value monitored in current monitoring period, Employment records for 4 person is Provided, which was checked and found acceptable. Thus, this part of CL is Closed.		

Type:	☐ CAR ☒ CL/CR ☐ FAR	Number:	02
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in above tables:	
Description of the audit finding		Date:	04/08/2025
1. During Desk review it was observed that Under Key project Information table Project representative is mentioned as "Climera Carbon Private Limited" however as per GS PDD and on GS project's webpage "EKI Energy Services Limited" is mentioned, kindly clarify. 2. Kindly clarify how Generation on 25/07/2021 was determined for calculation emission reduction, since as per provided Power supply bills, the value was found to be 559,500 kWh, which is found inconsistent with ER sheet, kindly clarify provide supporting documentary evidence.			
Project Participant's response		Date:	08/08/2025
1. The registry transfer process is initiated from EKI to climera carbon pvt ltd , once it is done it will reflect on webpage 2. The values are now consistent with the ER sheet and supporting evidence are also provided.			
Documentation provided as evidence by Project Participant			
ER and MR - updated			
Auditor's assessment comment		Date:	14/08/2022

1. Till the registry transfer process is not completed and change of Representative as "Climera Carbon Private Limited" on GS project's webpage is reflected. Thus, this part of **CL is open**.
2. PP has revised and provided data as Billing cycle is from 25/07/2022 to 25/07/2022, and Value as per JMR is now revised to 7,502,342 kWh, from previous value of 559,500 kWh, however all the changes provided were found inconsistent with JMR document, kindly check and revise accordingly, and provide correct calculation for generation for date 25/07/2022. Thus, this part of **CL is open**.

CL is open.

Project Participant's response	Date:	18/08/2025
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The billing cycle has now been aligned with the JMR (Joint Meter Reading) schedule for consistency.

In the ER sheet, total generation is calculated using a standard formula that sums values in column F (generation data) based on a defined date range in cells B4 to C4. This approach ensures accurate reporting for each JMR period.

For example, to calculate generation from 01/07/2019 to 07/07/2019, the formula sums values from F174 to F180.

Formula Logic:

- **SUMIFS**: Adds values based on multiple conditions.
- **F174:\$F\$1330**: Range of generation values.
- **B174:\$B\$1330**: Corresponding date range.
- **">=" & B4**: Includes dates on or after the start date.
- **"<=" & C4**: Includes dates on or before the end date.
-

This method is commonly used in monitoring reports to ensure accurate and period-specific data aggregation.

Documentation provided as evidence by Project Participant

ER sheet

Auditor's assessment comment	Date:	22/08/2018
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1. During Desk review it was observed that Under Key project Information table Project representative is mentioned as "Climera Carbon Private Limited" however as per GS PDD and on GS project's webpage "EKI Energy Services Limited" is mentioned, According to PP's response, PP has requested registry to transfer, the name of representative, Till the time of Concluding this verification process, Transfer process is not yet completed and change of Representative as "Climera Carbon Private Limited" on GS project's webpage is not yet reflected, Thus, **FAR is Raised**.
2. PP's response is accepted for Emission reduction calculation sheet, now all inconsistencies has been revised in ER sheet, same was checked with MR report and found acceptable. Thus, this part of **CL is Closed**.

CL is Closed and FAR is Raised.

Type:	☒ CAR ☐ CL/CR ☐ FAR	Number:	03
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in above tables:	
Description of the audit finding	Date:	04/08/2025	

1. During Desk review it was observed that there are many inconsistencies in Provided monitoring report from Template guide Monitoring report v.1.1., 2. During Desk review it was observed that Footnote number 1 and 2 are provided twice, PP to kindly check and revised the MR document. 3. During Desk review it was observed that under Monitoring report, on multiple pages, unnecessary Spaces are left out between paragraphs and section, PP to kindly check and revised the MR document.		
Project Participant's response	Date:	08/08/2025
1. The inconsistencies are now corrected throughout the MR. 2. The footnotes are now corrected in MR 3. The spaces and gaps are now aligned throughout the revised MR.		
Documentation provided as evidence by Project Participant		
Revised MR sheet		
Auditor's assessment comment	Date:	14/08/2025
1. PP has now revised Project's Monitoring report as per from Template guide Monitoring report v.1.1, same was checked for all the previous inconsistent in Report and found to be corrected. Thus, this part of CAR is closed. 2. PP has now revised monitoring report, now duplication of footnote 1 and 2 is now revised. Thus, this part of CAR is closed. 3. PP has revised monitoring report for unnecessary Spaces which were left out between paragraphs and sections, mostly inconsistency has been revised, however under few pages extra spaces are still to be observed, PP shall revise the remaining inconsistency, Thus, this part of CAR is Open. CAR is Open.		
Project Participant's response	Date:	18/08/2025
Under some pages of monitoring report, extra space are now removed		
Documentation provided as evidence by Project Participant		
Revised MR		
Auditor's assessment comment	Date:	22/08/2025
3. PP has now revised Monitoring report for all the format and Template Inconsistencies, also unnecessary Spaces which were left out between paragraphs and sections are being removed, Thus, this part of CAR is Closed.		

Type:	☒ CAR ☐ CL/CR ☐ FAR	Number:	04
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in above tables:	
Description of the audit finding	Date:	04/08/2025	
As details of calibration and meter change are provided in Appendix 2 of Monitoring report and 'Meter Calibrations' sheet in ER sheet. It was observed that Q0333445 and Q0333450 were replaced on 25-June-2025 by HPSLDC and is maintained by HPSLDC. Kindly clarify what is the calibration frequency in Himanchal Pradesh and kindly mentioned Calibration validity. And provide the calibration certificates applicable from date of installed till end of monitoring period.			
Project Participant's response	Date:	08/08/2025	
Q0333445 and Q0333450 meters are auxiliary meters, the calibration details are now revised in the revised MR.			
Documentation provided as evidence by Project Participant			
Calibration reports			
Auditor's assessment comment	Date:	14/08/2025	

PP's response is not acceptable, Since for PP has removed information of Q0333445 and Q0333450 which are used for monitoring. From MR report, also the response on calibration frequency in Himanchal Pradesh and calibration validity is not responded. Thus, This **CAR is open.**

Project Participant's response	Date:	18/08/2025
The calibration details for auxiliary meters are now readed to the monitoring report which is part of monitoring, and calibration reports are also now provided		
Documentation provided as evidence by Project Participant		
Revised MR Calibration reports		
Auditor's assessment comment	Date:	22/08/2025
PP has now revised Description of Monitoring report for current monitoring period for Details of Energy meter with sr. no. Q0333445 and Q0333450, under appendix 2, Provided Calibration certificates were checked and found acceptable, Thus, this CAR is Closed.		

Table 4. FAR from this verification

Type:	☐ CAR ☐ CL/CR ☒ FAR	Number:	01
Raised by:	Mr. Ishan Shrivastava	Ref. to checklist in above tables:	-
Description of the audit finding		Date:	22/08/2025
The VVB shall verify the completion and reflection of this change of representative name from “EKI Energy Services Limited” to “Climera Carbon Private Limited” during the next verification.			
Project Participant’s response		Date:	XX/XX/XXXX
-			
Documentation provided as evidence by Project Participant			
-			
Auditor’s assessment comment		Date:	XX/XX/XXXX
-			

Type:	☐ CAR	☐ CL/CR	☒ FAR	Number:	02
Raised by:	Mr. Ishan Shrivastava			Ref. to checklist in above tables:	-
Description of the audit finding				Date:	22/08/2025
The VVB shall ensure that the findings and outcomes of the previous performance review, which is still under review, are duly considered and incorporated in the future performance review process.					
Project Participant's response				Date:	XX/XX/XXXX
-					
Documentation provided as evidence by Project Participant					
-					
Auditor's assessment comment				Date:	XX/XX/XXXX
-					

Appendix 2: Audit Team CVs

Name	SHORT CV. BACKGROUND INFORMATION
Mr. Ishan Shrivastava	Mr. Ishan Shrivastava a Bachelor of Engineering in Mechanical Engineering graduate from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, India, brings a year of professional expertise garnered from his tenure at GAIL (India) Limited, one of India's prestigious Maharatna Companies, where he focused on Natural Gas, Energy, and Environmental matters. Currently, he actively associated with True Quality Certifications Pvt. Ltd., (Applus+ Certification's Outsourced Entity) having served as a pivotal team member since 2019. In this capacity, Ishan plays a significant role in supporting Audit teams as Lead Auditor & Technical Expert (TA 1.2 and 3.1) tasked with validating/verifying Project Activities, encompassing both Renewable and non-Renewable projects, within the framework of CDM/VCS/GS4GG/Bio-Carbon/GCC/ICR programs. His steadfast dedication to this pivotal responsibility underscores his expertise and unwavering commitment to the field Mr. Ishan Shrivastava is based in Indore city, India. Mr. Ishan Shrivastava participates as Lead Auditor, Technical Expert, GS Approved Auditor and Country Expert for this project activity.
Mr. Sarthak Jain	Mr. Sarthak Jain, has done Bachelor of Technology in Information Technology Engineering from Walchand Institute of Technology, Solapur, Maharashtra, India affiliated with Solapur University. Currently he is associated with True Quality Certifications Private Limited (Applus+ Certification's Outsourced Entity) and has been involved in supporting Audit teams for Verifications of Project Activities (Renewable and non-Renewable projects) under CDM/VCS/GS4GG/GCC programs. Mr. Sarthak Jain is based in Indore (Madhya Pradesh), India. Mr. Sarthak Jain participates as part of the Audit Team as Auditor in Training and Technical Expert in Training.
Mr. David Lubanga	Mr. David Lubanga is a trained engineer with over 10 years' experience of renewable as a GHG auditor. His experience as a renewable energy projects, energy efficiency, energy audits and waste management and waste to energy. He is certified auditor for ISO 50001 and 14064-2. He has successfully audited more than 300 GHG (CDM/VCS/GS) projects in different countries around the world. David holds a BSc. In Biochemical Engineering from Jacobs University Bremen (Germany), and a MSc in Environmental Resource Management from Brandenburg Technical University Cottbus (Germany), and Sheffield Hallam Technical University (England). He has undergone additional



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	professional training in Renewable energies, Renewable Energy and finance, Energy efficiency and waste management in Scotland, Germany and Austria. Mr. David Lubanga is based in Nairobi, Kenya. Mr. David Lubanga participates in the Project's technical review team.
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