

Verification report



Verification report for GS4GG Programme of Activity GS7627: 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra

KEY PROJECT INFORMATION

GS ID (s)	GS7627 ¹
Title of Project	150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra
Monitoring Period:	01/01/2025 to 31/12/2025 (Inclusive of both the dates)
Internal ID:	GS_ve_Ind_232_25
Customer	Infinite Environmental Solutions limited (India)
Revision:	04

¹ <https://registry.goldstandard.org/projects/details/2316>

Executive Summary:

Project Identification	
Project Identification No.	GS_ve_Ind_232_25
Date (First Version)	09/05/2026
Version No.	04
Date (Last Version)	21/07/2026
GHG Program Verification	Yes
GHG Certified Product (Sought)	GS VER
GHG SDG Impact Statement (Sought)	Impact Certification

General Information	
Client	Infinite Environmental Solutions limited (India) (Project Representative)
Project Title	150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra
Project Participants	Project Owner: Juniper Green Field Private Limited. Project Representative: Infinite Environmental Solutions limited (India)
Project Location	Site 1: Village -Shirpur, Taluka-Arni, Distt-Yavatmal Maharashtra, India Site 2: Village-Tighra, Taluka- Malkapur, Distt-Buldhana, Maharashtra
Contact Person	Mr. Deepak Jain
Monitoring Period	01/01/2025 to 31/12/2025 (Inclusive of both days)

Standards and Methodologies	
GS4GG Version	GS4GG Principles and Requirements 2.1 ^{/3/}
GS4GG Activity Requirements	RE Activity Requirements 1.4 ^{/3/}
GS4GG Product Requirements	GHG Emissions Reduction & Sequestration Product Requirements, Version 3.2 ^{/3/}
Applied Methodology Version	ACM0002: Grid-Connected electricity generation from renewable sources - Version 20.0 ^{/4/}

Tools & Guidance Followed	Tool to calculate the emission factor for an electricity system - Version 07.0 ^{/4/} Tool for the demonstration and assessment of additionality -Version 07.0.0 ^{/4/}
GS4GG Sectoral Scope	2 (Energy industries (renewable and non-renewable sources).
UNFCCC CDM Sectoral Scope	1
Technical Area	1.2

Monitoring Reports

Document	Version	Date
Initial Monitoring Report	01 ^{/2/}	07/04/2026
Final Monitoring Report	06 ^{/2/}	21/07/2026

SDG Impact Estimates

SDG	Indicator	Estimated (Annual / Period)	Actual Achieved
7 – Affordable and Clean Energy	Renewable Electricity Generated	355,030 MWh (annual) 355,030 MWh (current period)	325,804.02 MWh
8 – Decent Work and Economic Growth	Jobs Generated	20 employments and 02 trainings/annum	23 employments and 31 trainings
13 – Climate Action	Emission Reduction	330,355 GS VERs (annual) 330,355 GS VERs (current period)	303,160GS VERs

2 ² [GSF Registry](#)

Verification Summary

ENVIANCE SERVICES PRIVATE LIMITED (hereafter referred to as Enviance) has been contracted by Juniper Green Field Private Limited represented by Infinite Environmental Solutions limited to perform the verification of the 5th monitoring period of 1st crediting period of “150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra” (Ref. No. GS7627³) applying the methodology ACM0002 Version 20.0.^{/4/}

The management of Infinite Environmental Solutions limited is responsible for the preparation of the GHG emissions data and the reported GHG emission reductions.

A desk review and onsite audit have been conducted to verify the data submitted in the monitoring report. Enviance confirms the following have been reviewed:

- a. The registered PDD^{/1/} including the monitoring plan;
- b. Monitoring report(s)^{/2/}
- c. The applied monitoring methodology^{/4/};
- d. e. GS4GG guideline and related Annex.
- e. f. All information and references relevant to the project activity’s resulting in emission reductions.

Juniper Green Field Private Limited is the promoter of the project activity and involves installation of 150 MW (80 MW + 70 MW) grid connected solar photovoltaic power plant in Yavatmal and Buldhana districts in Maharashtra state of India. Electricity generated from the project activity is sent to Indian grid. As per the registered GS4GG PDD^{/1/}, the project activity is expected to achieve annual GHG emission reductions of approximately 330,355 tCO₂e through the displacement of 355,030 MWh of grid electricity generation. For the current monitoring period, the estimated emission reductions and electricity generation are 330,355 tCO₂e and 355,030 MWh, respectively. Amount of electricity from the generation mix of power plants connected to the Indian grid, which is mainly dominated by thermal/ fossil fuel-based power plant. The project activity was commissioned in two phases; Detail are as follows: -

Table 1: Details of the project

Project Investors’ Name	Commissioning Date	Capacity in MW	Village/Taluka	District	State
Juniper Green Field Private Limited.	01/06/2022	80 MW _{AC} / 107.6 MW _{DC}	Shirpur/Arni	Yavatmal (Site-1)	Maharashtra
	08/08/2022	70 MW _{AC} / 99.5 MW _{DC}	Tighra/Malkapur	Buldhana (Site-2)	

The monitoring of emission reduction and sustainable development indicators has been carried out in accordance to respective registered PDD^{/1/}.

3 ³ [GSF Registry](#)

Enviance confirms that the project is implemented in accordance with the validated and registered PDD^{/1/}. The monitoring plan complies with the applied methodology ACM0002 Version 20.0.^{/4/} and the GS4GG guideline^{/3/} 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 Enviance confirms that the implementation of the project has resulted in 303,160tCO₂e emission reductions during period 01/01/2025 to 31/12/2025 (Both days included).

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.

Corrective and Review Notes

Corrective Action Requests (CARs)	02
Clarification Requests (CLs)	07
Forward Action Requests (FARs)	00

Please refer Appendix 1 of this report. Total numbers of CARs: 02, CLs: 07, FARs: 00 for the current monitoring period has been raised by the VVB doing the subsequent verification.

Table 2: Verification team

Team Members	Type of Resource ⁴
Lead Auditor/GS Approved Auditor: Mr. Vipul Jain	IR
Technical Expert: Mr. Vipul Jain	IR
Validator/Verifier & Technical Expert: Mr. Prakhar Shastri	IR
VViT/TeiT: Ms. Shehjar Kaul Sahib	IR
Technical Reviewer in Trainee: Ms. Ritu Singh	IR
Technical Reviewer: Mr. Pankaj Kumar	IR

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4 ⁴ IR (Internal Resource); ER (External Resource);

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1 INTRODUCTION

1.1 Objective

ENVIANCE SERVICES PRIVATE LIMITED (hereafter referred to as Enviance) has been contracted by Juniper Green Field Private Limited and Infinite Environmental Solutions limited to perform the verification of 5th monitoring period of 1st crediting period of “150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra” applying the methodology ACM0002 Version 20.0.^{/4/} and GS4GG guideline^{/3/}. Gold Standard projects must undergo periodic audits and verification of emission reductions as the basis for issuance of Gold Standard VERs.

The objective of the verification work is to assess the project’s conformity with the applicable requirements of Gold Standard for the Global Goals (GS4GG), including the requirements for Verification and Performance Certification as specified in Section 5.1.25–5.1.36 of the Gold Standard Principles & Requirements v2.1^{/3/}, the applicable methodology ACM0002 Version 20.0^{/4/}, and all other relevant Gold Standard rules, requirements, and guidelines.

According to this assessment Enviance shall:

- Ensure that the project activity has been implemented and operated as per the registered PDD^{/1/} and that all physical features (technology, project equipment, monitoring and metering equipment) of the project are in place;
- Ensure that the published MR^{/2/} and other supporting documents provided are complete, verifiable and in accordance with applicable Gold Standard i. e. GS4GG requirements^{/3/};
- Ensure that the actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved methodology^{/4/};
- Evaluate the data recorded and stored as per the ACM0002, version 20.0^{/4/}.

1.2 Scope

The scope of this verification was the independent objective review and ex-post determination of the monitored reductions in GHG emissions from the **“150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra”**. The verification of this project was based on the validated & registered GS4GG PDD version 06, dated: 19/09/2022^{/1/}, and monitoring report^{/2/} along with supporting documents submitted by the project developer to the Enviance verification team. The document thus submitted to the Enviance verification team were reviewed against the following guidance and protocol:

1. GS4GG validation and verification standard v2.0^{/3/}, dated: 12/11/2024
2. GS4GG principles and requirements v 2.1^{/3/}, dated: 30/01/2025
3. Safeguarding Principles and Requirements v2.1^{/3/}, dated: 29/06/2023
4. Stakeholder consultation and Engagement Guidelines v2.0^{/3/}, dated 04/05/2022
5. Site Visit and Remote Audit Requirements and Procedures v2.0^{/3/} dated: 30/05/2023
6. 8. Renewable Energy Activity Requirements of GS4GG v1.4^{/3/}. dated: 16/08/2021

The steps involved are as follows:

- To assess the project compliance with other relevant rules including the host country (India) legislation.
- To confirm that the monitoring system is implemented and fully functional to generate GS verified emission reductions (GS-VERs) without any double counting
- To verify that actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan
- To evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emission reduction data is free from material misstatement & is sufficiently supported by evidence
- The verification process ensures that the reported emission reductions are comprehensive and accurate in order to obtain certification.

It is important to note that verification process does not involve any providing consultancy to the project developer. However, request for clarification and corrective actions may have contributed to improvements in the monitoring process.

1.3 Description of the project activity

Juniper Green Field Private Limited are the promoter of the project activity and involves installation of 150 MW (80 MWAC + 70 MWAC) solar power project in Yavatmal and Buldhana districts in Maharashtra state of India. The total capacity of the project activity is 150 MW. Electricity generated from the project activity is sent to Indian grid of India. As per the GS4GG PDD^{1/}, the project is expected to achieve ex-ante annual emission reductions of approximately 330,355 tCO₂e per annum and generate 355,030 MWh of electricity per annum. For the current monitoring period (01/01/2025 to 31/12/2025), the verified emission reductions are 303,160 tCO₂e and the verified electricity generation is 325,804.02 MWh amount of electricity from the generation-mix of power plants connected to the Indian electricity grid, which is mainly dominated by thermal/ fossil fuel-based power plant.

The details of the project are mentioned in the table 3:

Table 3: Commissioning and location of the project activity

Project Investor's Name	Capacity in MW	Village	District	Latitude (N)	Longitude(E)
Juniper Green Field Private Limited	80 MW	Shirpur, Taluka-Arni	Yavatmal	20.127428°N	77.920963°E
	70 MW	Tighra, Taluka-Malkapur	Buldhana	20.951549°N	76.123278°E

The monitoring of emission reduction and sustainable development indicators have been carried out in accordance to respective registered PDD^{/1/}.

2 Application of Materiality

2.1 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 error in the assessment of emissions (which might be more likely to occur if the staffs/employee are not trained well regarding the emission processes or data recording and analysis).	LOW	Human error is likely to occur if the monitoring personnel are not trained well or inexperienced in data recording procedures and monitoring process	During the on site visit, the verification team conducted interviews with staff of the PD and concerned persons and reviewed all relevant records to ensure that the monitoring plan was properly implemented.
2	Undue reliance on a poorly designed information system, which may have few effective quality controls.	LOW	Since this is the 5 th verification report of the 1st crediting period, the project proponent has established a well-organized monitoring team and plan. This includes a clear data collection procedure as well as quality assurance (QA) and quality control (QC) measures that align with the registered monitoring plan. Monitoring equipment is calibrated at	The key parameters used to determine the project's baseline emissions include the measurement of net electricity generation, which is recorded monthly according to the monitoring plan. The team thoroughly examined the entire data set from the monthly reports/credit notes ^{/8/} and cross-checked it with the invoices ^{/8/} raised. Additionally, the verification team reviewed the relevant documents to verify that the data collection and QA/QC

			regular intervals, ensuring consistency and reliability. As a result, the risk level is considered low.	procedures were effectively implemented.
3	Manual adjustment of otherwise automatically recorded activity levels.	Low	As outlined in section C.2 below, the data for the main monitoring parameters is obtained from calibrated energy meters, and these can be verified using the totalizer values. The monitoring equipment is calibrated in accordance with national standards and regulations. As a result, the risk level is considered low.	

2.2 Consideration of materiality in conducting the verification

In line with Guidelines for Materiality Threshold para (9.6.3) of Validation-and-Verification-Standard version 2.0^{/4/} in verifications (Table 4), the verification team has conducted a complete verification of all the information presented in the monitoring report^{/2/} and data monitored as presented in the emission reduction calculation spread sheet^{/2/}. It follows the paper trail back to the raw data such as meter reading records/ credit notes^{/8/} and invoices^{/8/}.

Table 4:Materiality Threshold as per the Validation and Verification Standard

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 verification team has identified the impact of errors observed and those were corrected by PD during verification for all monitoring parameters at the individual level. There are no material errors, overestimation of ER, omission, or misstatement.

The applicable materiality threshold is 1.0% for the project activity, as the achieved ERs are more than 300,000 tCO₂e and less than 500,000 tCO₂e, in accordance with the requirements of V2.0_PAR_Validation and Verification Standard^{/3/}.

In summary, Verification team confirms that actual emission reductions are lower than the estimates as per the GS4GG PDD^{/1/} for the current monitoring period.

Verification team considers the project and monitoring description of the project contained in the Monitoring report^{/2/} to be complete and accurate. The Monitoring report^{/2/} complies with the relevant methodology^{/4/} and tools^{/4/}, which are in line with that available in the registered documents (including GS4GG PDD^{/1/}) with Gold Standard.

Opinion:

- a) In opinion of the verification team, the implementation and operation of the project activity is in compliance with the description in the GS4GG PDD version 06^{/1/}.
- b) There is no revision in monitoring plan or post registration change for the current monitoring period.
- c) The actual emission reductions for the current monitoring period are 303,160 tCO₂e which are lower than the estimated ERs (330,355 tCO₂e) for the comparable period, since during the current monitoring period most of the months have lower yield months and lower sunshine hours.
- d) The electricity exported to the grid from each site is tracked and logged through calibrated energy meters, ensuring comprehensive data availability for verification. Net electricity generation, which plays a key role in emission reduction calculations, is measured using calibrated meters and is entirely verifiable.
- e) During the verification process, the team cross-checked the monthly meter records^{/8/} and reviewed the entire data set of monthly net electricity records. The data in the monitoring report Ver 03.0^{/01/} are accurate in their emission reduction calculations and align with the monthly records. The verification team concludes that there are no significant material errors in the data set.

3 Methodology

ENVIANCE SERVICES PRIVATE LIMITED (hereafter referred to as Enviance) approach to the verification is as follows:

- Conduct a strategic analysis
- Identify the potential risks associated with the project
- Check the GS specific requirements based on the GS specific checklist prepared by the Enviance.
- Out of identified Risks, mitigation activities are planned.
- Team performs the Control, Strategic and the Analytical testing output of which becomes inputs to the Evidence gathering plan.

- These Mitigation activities lead to the evidence gathering activities which becomes input to preparation of evidence gathering plan
- Based on the evidence gathering plan, a verification plan is prepared that includes Site visit schedule, Sampling plan and activities.
- A complete list of all documents and evidence material reviewed is included in this report below in Section 4.
- Once the Verification plan has been communicated, to the client, the assessment team conducts the site visit.
- Details of the onsite inspections have been provided in the below sections of this report.
- During this stage, any gaps regarding any specific requirements of the GS4GG programme, unresolved issues of desk review, any information management/material misstatements are recorded in the format for Resolution of Corrective Action and Clarification Requests and the same shall be submitted to client.
- All the identified non-conformities and their resolutions have been listed under Appendix 1 of this document.
- Once the final response is received Enviance works on the draft report.
- Once the draft report is completed. Enviance shall review the draft report prepared by the team making sure that the reviewer is independent of the verification of the claim.
- Once Technical Reviewer is satisfied and he/she recommends his/her approval to the Director for final approval.
- Director signs and approves the Verification report that includes the Verification opinion. After confirmation of the project participant, relevant documents are submitted to GS4GG through the GS4GG web-platform.

3.1 Appointment of the assessment team

For the appointment of the assessment team, we followed the organization's standard procedure to ensure competence, impartiality, and compliance with the applicable GHG programme requirements.

- **Project Requirements Review:** We reviewed the project details, including the project identification number, location, scope of activity, GHG programme followed, and client-specific requirements to understand the technical and operational needs of the assignment.
- **Competence Mapping:** Based on the internal competence matrix, we identified personnel who were qualified and experienced to meet the technical requirements of the project.
- **Team Nomination:** Suitable team members were nominated for the roles of Team Leader (Lead Auditor), Team Member(s), Technical Expert(s) (if required), and Independent Technical Reviewer.
- **Availability and No Col Confirmation:** The Team Availability & No Conflict of Interest (Col) Confirmation Form was circulated to all nominated members. Each team member confirmed their availability and declared the absence of any conflict of interest with the client or the project activity.
- **Approval of the Team:** The nominated team composition, along with the signed forms, was reviewed and approved by the designated approver to finalize the team.

- **Client Communication:** The Team Intimation & Change Request Form was shared with the client/responsible entity. The client was to acknowledge or raise any objections to the proposed team. No objections were received, and the team was deemed accepted.

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

Table 5: Verification team member(s)

Name	Host Country Experience	Role	SS Coverage
Mr. Vipul Jain	Yes	LA/TE/GS Approved auditor	Yes
Mr. Prakhar Shastri	Yes	VV/TE	Yes
Ms. Shehjar Kaul Sahib	Yes	VViT/TEiT	No
Ms. Ritu Singh	Yes	TRiT	Yes
Mr. Pankaj Kumar	Yes	TR	Yes

The Complete CVs list is included as Appendix 4 of this report.

3.2 Desk review or Document review

The Monitoring Report (MR), Version 01^{/02/}, was submitted to the VVB prior to the commencement of verification activities. The MR was assessed against all relevant project documentation. The assessment confirmed that the Project Developer (PD) applied the latest approved versions of the Monitoring Report template and the SDG Impact Tool^{/17/}. The aim of the assessment in the desk review was to:

- Verify the completeness of the data and the information presented in the MR^{/2/};
- Check the compliance of the Monitoring report^{/2/} with respect to the monitoring plan depicted in the registered GS PDD^{/1/} and verify that the applied methodology was carried out. Particular attention of the power plant was checked by the assessment team.
- Evaluate the data to the frequency of measurements, the quality of the metering equipment including calibration requirements, and the quality assurance and quality control procedures management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.

In addition to the monitoring documentation, VVB has received;

- the GS4GG PDD version 6 of 19/09/2022^{/1/} and the monitoring plan, including any approved
- revised monitoring plan and/or changes from the registered PDD^{/1/}, and the corresponding validation opinion;
- The Validation Report Version 3 dated 17/10/2022^{/1/};
- Previous verification reports^{/1/};

- The applied monitoring methodology (ACM0002 V.20)^{/4/} and, where applicable, the applied standardized baseline;

The complete list of documents reviewed is included under Section 4.

3.3 On site assessment and follow up interviews

The verification team conducted the physical site visit on 09–10 April 2026 in accordance with the requirements of the Gold Standard On-site and Remote Site Visit Requirements and Procedure, Version 2.0^{/3/}, dated 30 May 2023. The previous site visit, undertaken for the first verification, was conducted on 18 April 2023. Accordingly, the interval between the previous and current site visits is less than three years, thereby complying with the applicable site visit frequency requirements. Furthermore, the monitoring period covered under this verification does not extend beyond three years prior to the date of the site visit. Therefore, the verification activities have been carried out in compliance with the applicable Gold Standard requirements regarding site visit frequency and monitoring period duration.

Table 6: Onsite inspection of the project activity by the verification team

Duration of Audit: 09/04/2026 to 10/04/2026				
No.	Activity performed on-site	Site location	Date	Team member
1.	1) An assessment of the implementation and operation of the GS4GG project activity as per the PDD^{/1/} 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 implemented in accordance with the Monitoring Plan 4) a cross-check between information provided in the MR^{/2/} and data from other sources 5) a check of the monitoring equipment including calibration performance, and observations of monitoring practices against the	Site 1: Village: Shirpur, Taluka: Arni, District: Yavatmal, State: Maharashtra, India Site 2: Village: Tighra, Taluka: Malkapur, District: Buldhana, State: Maharashtra, India	09/04/2026 and 10/04/2026	Mr. Vipul Jain

	requirements of the PDD^{/1/} and the applied methodology^{/4/} 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			
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Table 7: Personnel Interview and Focused discussion with the sit personnels and Local stakeholders.

Interviewed Personnel	Functions	Organization
Mr. Praful Harnejar	Deputy Manager	Juniper Green Field Private Limited.
Mr. Narendra Yadav	Sr. Engineer	Juniper Green Field Private Limited.
Mr. Sohel Sheikh	Sr. Engineer	Juniper Green Field Private Limited.
Mr. Sanjay Dwivedi	Engineer	Juniper Green Field Private Limited.
Mr. Dharmendra Tanwar	Sr. Engineer	Juniper Green Field Private Limited.
Mr. Santosh Wagh	Supervisor	Juniper Green Field Private Limited.
Mr. Indraraj Bisen	Technician	Juniper Green Field Private Limited.
Mr. Devendra Chute	Technician	Juniper Green Field Private Limited.
Mr. Swapnil Gorade	Technician	Juniper Green Field Private Limited.
Mr. Ashish Ugade	Assistant Manager	Juniper Green Field Private Limited.
Mr. Vijay J. Jadhav	Sr. Engineer (O&M)	Juniper Green Field Private Limited.
Mr. Mangesh. B. Rathod	Office Excecutive	Juniper Green Field Private Limited.
Mr. Vivek Kajoliya	Engineer	Juniper Green Field Private Limited.
Mr. Gopal Sukale	Engineer (O&M)	Juniper Green Field Private Limited.
Mr. Mahesh Narware	Jr. Engineer (O&M)	Juniper Green Field Private Limited.
Mr. Yash Shirbhate	Grauduate Engineer Trainee (O&M)	Juniper Green Field Private Limited.
Mr. Prashant Suryavanshi	Local Stakeholder	Villager

As referred above, the objective of the on-site visit assessment was to verify the following issues:

- Confirm the implementation and operation of the project in line with GS4GG PDD^{/1/}:**
The project activity is implemented as per the registered GS4GG PDD^{/1/} and there is no change in capacity or design of the project activity since commissioning. Same was confirmed during the on-site visit and further cross checked with commissioning certificates^{/6/}, PPA^{/7/} and interviews with PD/Site in charge and JMRs as well as invoices^{/8/} raised by PD towards state utility;
- Review the data flow for generating, aggregating and reporting the monitoring parameters;**

Electricity generation monitoring and billing procedures are followed at the project site in line with the state utility practice and are in line with the registered GS4GG PDD^{/1/}. These were confirmed during the interviews with PD. The verification team also checked entire monthly JMRs^{/8/} issued by the state utility for the project activity with the values provided in the ER sheet^{/2/} for the calculations of the emission reductions;

- **Confirm the correct implementation of procedures for operations and data collection:**

During the on-site visit and interviews with the PD, it was confirmed that implementation of procedures for operation and data collection is in line with the registered GS4GG PDD^{/1/}. Service provider is responsible for the operation, maintenance as well as maintaining other technical data of the project activity. Performance and operation data of solar project is controlled by O&M services provider with online monitoring system through dedicated software and SCADA system which provide operation status, breakdown on continuous basis;

- **Cross-check the information provided in the MR documentation with other sources:**

The information provided in the MR^{/2/} was crosschecked with the commissioning certificates^{/6/}, PPA^{/7/}, calibration certificates^{/11/} and monthly meter reading report^{/8/} issued by the DISCOM and invoices^{/8/} are used for cross-checking;

- **Check the monitoring equipment against the requirements of the GS4GG PDD^{/1/} and the approved methodology, including calibrations, maintenance, etc.:**

Monitoring meters are checked with the monthly Meter Reading reports^{/8/}, interviews with the PD and calibration was checked with the calibration certificates^{/11/} issued by the state utility authorized third parties;

- **Review the calculations and assumptions used to obtain the GHG data and ERs:**

Calculation procedures and monthly generation data was checked with the Monthly joint meter reports^{/8/} and cross-checked with invoices^{/8/};

- **Identify if the quality control and quality assurance procedures are in place to prevent or correct errors or omissions in the reported parameters:**

During the physical site visit and interviews with the PD, it was confirmed that quality control and quality assurance procedure are in place. Metering arrangements & billing procedure is defined and controlled by the state utility and PD do not have control on it. The verification team checked all the monthly generation values which were cross checked with the invoices^{/8/} and found that emission reductions were calculated conservatively. Moreover, during interviews with locals and employees for project developers, verbal consent for disclosing private information, such as names of the interviewees, technology users, stakeholders in the Gold Standard Impact Registry have been obtained in line with the Section 17.6.2 of the GS VVS Standard v2.0^{/3/}.

Thus, to verify the implementation of project activity, onsite operation & maintenance, monitoring & management practices; verification team has conducted interviews with the on-site in-charge, O&M team and also had a detail discussion with the PD representative and reviewed third party statutory document i.e. Commissioning certificates^{/6/}, Power Purchase agreements^{/7/}, Complete set of monthly meter reading reports^{/8/} covering monitoring period, Invoices^{/8/} (for cross check of Net electricity supplied to the grid), training records^{/13/}, plant logbook/breakdown log^{/10/}, complaint/feedback register^{/10/} and other relevant records.

Table 8:Stakeholder Interview summary

Name of the stakeholder	Prashant Suryavanshi
Occupation	Villager
VVB QUESTION: Did PD provide employment opportunity to locals? Answer: Yes, employment opportunities were created through the project activity, with preference given to local residents. The assessment team noted that local community members were engaged during the current monitoring period. The verification team further concludes that, during the site visit, local community members were observed to be engaged in security and operational activities, including vegetation management and other unskilled tasks. In addition, the team noted that skilled personnel from the local area were employed by the organization for the operation and maintenance of the power plant	

3.4 Quality of evidence

Sufficient evidence covering the full verification period in the required frequency is available to verify the figures stated in the final Monitoring report, Version 06^{2/}. 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.

3.5 Reporting of findings

The objective of this step is to identify, discuss and conclude on the issues related to the monitoring, implementation and operations of the registered project activity that could impair the capacity of the registered project activity to achieve emission reductions or influence the monitoring and reporting of emission reductions. This is done based on the desk review and onsite assessment. The verification team prepares draft Verification report that records the non-conformities, which may be of following types;

As per GS VVS version 01^{3/} clause 6.3.14 CAR (**Corrective Action Request**) is raised if one of the following occurs:

1. The Project Developer(s) has made mistakes that will influence the ability of the proposed project to achieve real, measurable, verifiable and additional emission reductions/GHG Removals and SDG impacts (e.g., establishment of inaccurate baseline scenario(s), implementation of incorrect/inapplicable methodological steps and/or data and parameter values for calculation of emission reductions and SDG impacts, adoption of erroneous estimations/assumptions for demonstration of additionality etc.);
2. The applicable GS4GG requirements and procedures have not been met (e.g., partial or complete non-compliance with applicable regulatory documents, e.g., local stakeholder engagement, safeguarding principles assessment and sustainable development impact assessment etc.);
3. There is a risk that GHG emission reductions and SDG impacts cannot be monitored or calculated. Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable GS4GG requirements have been met.

Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable GS4GG requirements have been met.

FAR (Forward Action Request) is raised during verification if the monitoring and reporting require attention and/or adjustment for the next verification period.

All CARs and CLs raised by the Enviance during verification shall be resolved prior to submitting a request for issuance.

In summary, total numbers of CARs: 02, CLs: 07, FARs: 00 were raised during this verification which were closed successfully and details are provided under Appendix of this report. The appendix also includes the responses provided by the project developer and its assessment by the verification team when it was closed out or otherwise.

3.6 Independent review

A draft verification report that is prepared by the verification team is reviewed by an independent technical reviewer to confirm if the internal procedure established and implemented by the Enviance were duly complied with and such opinion/conclusion is reached in an objective manner that complies with the GS4GG rules and requirements^{/3/}. The technical reviewer team is collectively required to possess the technical expertise of all the technical area/sectoral scope the project activity relates to. Technical reviewer team are independent of the verification team.

During the technical review process additional findings may be identified or the closed-out findings may be opened, which needs to be satisfactorily resolved before the request for issuance is submitted to GS4GG. The independent technical reviewer may either approve the report as such or reject/return the same in such case providing the comments/findings/issues that needs to be resolved by the verification team. The decision taken by the Technical Reviewer is final and is authorized by the Managing Director on behalf of Enviance Services Private Limited.

4 VERIFICATION FINDINGS

4.1 FARs from Validation / Previous Verification

This verification covers the 5th monitoring period of the 1st crediting period for the project activity. Based on the review of the Validation Report (Version 03, dated 17/10/2022) and the previous verification reports^{/1/}, no Forward Action Requests (FARs) were raised during the previous verifications.

4.2 Project Implementation in accordance with the registered Project Design Document

The project activity was fully implemented according to the description presented in the registered PDD^{/1/}. The verification team confirms, through the Site Visit that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PDD^{/1/} for GS4GG.

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

Interviews of onsite personnel during Site Visit Technical detail analysis of the power plant from the documents submitted by the manufacturer. Commissioning certificates^{/6/} of the plant, PPA^{/7/} for the project activity^{/7/}.

Juniper Green Field Private Limited has installed solar power project at Yavatmal and Buldhana, districts of Maharashtra State of India with capacity of 150 MW.

Key Components Technical Specification for project activity (150 MWAC).

Site-1: Arni (80 MW_{AC}) Solar PV modules

Table 9: Details of the modules at Arni (80MW) site

Site Name	Module Make	Type	Capacity	Number of Module	Total DC Capacity (MWp)
Arni – 80 MW_{AC}	Trina Solar	DEG19C.20	545	60,944	33.4521
	Trina Solar	DEG19C.20	540	62,689	33.9
	JA Solar	JAM72D30	540	37,828	20.4
	JA Solar	JAM72D30	535	37,212	19.9
	JA Solar	JAM72D30	545	308	0.2
	Total			198,981	107.8

Inverters:

Table 10: Details of Inverters at Arni site (80 MW)

S. No.	Parameter	Details
1.	Make	HUAWEI
2.	Model	SUN2000-200KTL-H2/ SUN2000-200KTL-H3
3.	Rated Capacity	185 kW
4.	No. of Inverters	432

Grid connected substation Details: MSETCL ARNI 132/33kV Substation Feeder Details: 1 No's 132 kV dedicated feeders connected from solar project substation (PSS) (located within Solar Power Plant) having 2 nos. 40/50 MVA Power 33/132/kV Step-up Power Transformer.

Site-2: Malkapur 70(MW_{AC}) Solar PV modules:

Table 11: Details of the modules at Malkapur (70MW) site

Site Name	Module Make	Type	Capacity	Number of Module	Total DC Capacity (MWp)
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Malkapur – 70 MW _{AC}	JA Solar	DEG19C.20	535	86,620	46.3
	JA Solar	DEG19C.20	540	89,208	48.2
	Trina Solar	JAM72D30	545	4,572	2.5
	Trina Solar	JAM72D30	540	4,572	2.5
	Total			184,972	99.5

Inverters:

Table 12: Details of Inverters at Malkapur site (70 MW)

S. No.	Parameter	Details
1.	Make	HUAWEI
2.	Model	SUN2000-200KTL-H2
3.	Rated Capacity	185 kW
4.	No. of Inverters	378

Grid-Connected Substation details: LILO on Malkapur – Khadka MSETCL Substation 132kV Line. Feeder Details: 1 No's 132 kV dedicated feeders connected from solar project substation (PSS) (located within Solar Power Plant) having 2 nos. 40/50 MVA Power 33/132 kV Step-up Power.

Technical Specification of the each SPVR is provided in the section B.1 of the MR. Same are confirmed during the on-site visit, registered PDD, validation report and found correct.

The project activity was in normal operational during the monitoring period and the same has been confirmed during site visit interviews with PD and crosschecked from review of credit note^{/8/} & breakdown^{/10/} records submitted by PD. Power plant was working throughout the monitoring period and same have been conformed from credit note^{/8/} 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^{/10/} observed and the same is confirmed by the verification team with the plant log details and credit notes^{/8/}.

The verification team has reviewed the commissioning certificates^{/6/} and PPA^{/7/} to conclude that the capacity of the project is same as mentioned in the registered PDD^{/1/} explained by PD during site visit interviews. The capacity of the project activity has not change since the registration of the project activity and this has been confirmed from the commission certificate^{/6/}, PPA^{/7/} and credit notes^{/8/} issued by State Utility and Invoices^{/8/} raised by the PD towards state utility.

Also, from review of other documents such as commissioning certificates^{/6/} and PPA^{/7/} & credit note^{/8/}, it was observed that the rated capacity of the project is 150 MW. The capacity of the project is more than 15 MW and thus the same qualifies as large-scale project activity.

The plant is located in Maharashtra state of India. The verification team also checked the locations of the project activity from the registered PDD^{/1/}, validation report^{/19/}. Thus, location provided in MR^{/2/} are found in line with registered documents of the project activity and are as stated in table above.

The assessment team also reviewed the Validation Report (Version 03, dated 17/10/2022), the Monitoring Report version 07 dated 09/05/2025 and Verification Report version 1.3Aa dated 07/08/2025 for the 4th monitoring period (01/07/2024–31/12/2024), and the associated verification findings. These documents were cross-checked against the current Monitoring Report to confirm consistency in implementation of the project activity, monitoring methodology, monitored parameters, data management procedures, and implementation status, and to verify that any findings from previous verifications had been appropriately addressed.

The project activity is connected to Indian Grid (as per the grid structure of India) and the same is found correct by the verification team during the review of the commissioning certificate^{/6/}, PPA^{/7/} and site visit interviews with PD representatives. The grid structure as mentioned in the registered PDD^{/1/} is still applicable for the project and ex-ante emission factor as in the PDD^{/1/} is used for emission reduction calculation. Verification team noted that the project activity has entered a power purchase agreement^{/7/} with the MSEDCL. The electricity is fed in the Indian grid.'

The verification team reviewed the previous verification reports to confirm the continuity of the monitoring periods, including:

- (i) Applus+ Certification Verification Report^{/1/}, Version 03 dated 09/08/2023 (Monitoring Period: 01/06/2022–31/03/2023);
- (ii) VKU Certification Verification Report^{/1/}, Version 2.0 dated 28/03/2024 (Monitoring Period: 01/04/2023–31/12/2023);
- (iii) VKU Certification Verification Report^{/1/}, Final Version 3.0 dated 16/12/2024 (Monitoring Period: 01/01/2024–30/06/2024); and
- (iv) RINA Services S.p.A. (RINA) Verification report^{/1/}, version 1.3Aa dated 07/08/2025 (01/07/2024–31/12/2024.)

Based on the review of these verification reports, the verification team confirmed that each monitoring period begins immediately after the previous monitoring period ends. Therefore, Monitoring Periods 1 through 5 provide continuous coverage of the project operation during the first crediting period, with no gaps or overlaps.

The verification team confirms that the project activity has been implemented in accordance with the registered PDD^{/1/}. The discrepancy in the Solar PV module details between the registered PDD^{/1/} and the current monitoring documentation is attributable to the fact that project commissioning was still ongoing at the time of the design review, so at that time the complete solar PV module details were not available.

During the first monitoring period (01/06/2022 to 31/03/2023), the Project Owner revised the number of PV modules after the final module configuration was determined following the completion of

commissioning activities. This change was assessed and accepted during the first verification (Monitoring Period: 01/06/2022 to 31/03/2023), as confirmed through the review of the Applus+ Certification Verification Report^{11/}, Version 03 dated 09/08/2023.

In addition, the verification team reviewed the Project Owner's declaration^{19/} for latest solar modules, which confirms the final installed PV module configuration and states that there has been no change in the installed project capacity.

The VVB confirmed that the number of inverters and the inverter rated capacity have remained unchanged since registration and, therefore, no change has occurred in the installed capacity of the project activity relative to the configuration accepted during the first verification. The installed capacity of the project activity was also found to be consistent with the previous verifications, as confirmed through the review of the subsequent verification reports.

An independent search was also conducted to ascertain whether the project had been registered or claimed for other GHG-related benefits, such as International Renewable Energy Certificates (I-RECs). The assessment conducted thoroughly in the mentioned manner, coupled with the declaration^{111/} submitted by the PD, affirms that there is no double counting of GHG benefits arising from this project activity.

The project's non-rejection status by other GHG programs has also been confirmed through a meticulous assessment. A declaration^{111/} submitted by the PD claiming the same was duly verified and found to be accurate by the verification team. An independent verification process was initiated with other relevant registries, which substantiated that there were no instances of project rejection by these entities.

In conclusion, the project's exclusive registration under GS for the current monitoring period, along with its absence from rejection lists of other GHG programs, has been comprehensively verified, ensuring the integrity and credibility of its GHG benefits claims. Details of the registries checked are as follows:

* [CDM: CDM-Home](#)

* <https://registry.verra.org/>

* [I-TRACK • The International Tracking Standard Foundation](#)

* [Carbon Credit Registry & Platform | International Carbon Registry](#)

* <https://globalcarboncouncil.com/>

4.3 Grievance Mechanism

During the on-site visit, the verification team confirmed that a grievance register/form^{16/}, including Gold Standard contact information, was available at the project site office and accessible to local stakeholders. The assessment team reviewed the grievance register^{16/}, and conducted personnel interviews. Based on the evidence reviewed, no grievances or negative feedback related to the project

activity were received during the current monitoring period. The VVB concludes that the project's grievance mechanism is in place and functioning effectively as intended.

4.4 Annual Reporting Requirement

The verification team reviewed the Key Project Information (KPI) table in the Monitoring Report and cross-checked it against the latest Annual Report^{/5/} dated 27/12/2024, the registered project documentation^{/1/}. The Verification team confirmed that the information presented in the KPI table is accurate and consistent with the reviewed latest Annual report^{/5/}.

The VVB reviewed the applicable annual reporting requirement under Paragraph 5.1.39 of the Gold Standard Principles and Requirements and assessed the status of the 2025 Annual Report. The VVB confirmed that, as the verification for the monitoring period 01/01/2025–31/12/2025 was completed and the Final Verification Report was submitted to Gold Standard on 14/05/2026, submission of the 2025 Annual Report is not required at this stage.

4.5 Compliance of the Monitoring Plan with the Monitoring Methodology

Verification team confirms that the monitoring plan provided in the entire section C of the final Monitoring report version 6.0^{/2/} for the current monitoring period is in accordance with the applied monitoring methodology ACM0002, version 20.0^{/4/} and the approved standardized baseline that is applied by the registered GS4GG PDD^{/1/}.

The monitoring plan for the 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra is developed in accordance with the modalities and procedures for GS4GG project activity and is for Grid-Connected solar power project hence applied methodology ACM0002^{/4/}, which is located, the provided details about the organization responsible for monitoring, the parameters to be observed, the monitoring methods, quality assurance, quality control procedures, as well as how data will be stored and archived. The primary authority and accountability for tasks such as data registration, monitoring, measurement, reporting and data reviews lies with the PD.

The monitoring team is composed of the following staff:

- **Site In-charge (PD):** Overall functioning and maintenance of the project activity, the Site in-charge shall coordinate with the O&M operator as well as the site supervisors.
- **O&M Representative (Juniper Green Field Pvt. Ltd):** Overall functioning and maintenance of the project activity, the Site in-charge is coordinate with the O&M operator as well as the site supervisors.
- **Site In-charge (O&M Operator):** Responsibility for maintaining the data records, ensures completeness of data, and reliability of data (calibration of equipment) as well as data recording for all the parameters.
- **Shift In-charge:** Responsible for day-to-day data collection and maintains day to day monitored data.

Data archiving policy: All monitored data will be archived electronically for a period of two years after the end of the crediting period or the last issuance of VERs, whichever occurs later.

Data Measurement: Projects activity comprises of installation Energy meters at a Pooling Substation prior to the delivery point.

The export and import energy are measured continuously using above mentioned Main & Check meters installed at Substation for each site. Export & Import readings of Main & Check meters is taken on monthly basis by authorized officer of MSEDCL in the presence of representative(s) of PD. The meter reading is taken jointly and signed by the representatives of the MSEDCL and representative(s) of PD. Based on the joint meter reading, apportioning certificates/credit notes/JMR^{/B/}, the project developer raises the invoice^{/B/} which can be used to crosscheck the data values.

Total Generation of the project activity can be calculated as:

$$EGPJ,y = EGExport, Malkapur + EGExport, Arni$$

Where:

EGPJ,y = Total net electricity generated and exported to grid

EGExport, Malkapur = Electricity generated and exported to grid at Malkapur Site

EGExport, Arni = Electricity generated and exported to grid at Arni Site

It is to be noted that though the PD or their representatives are available during meter reading, the calculations of net electricity supplied to grid is completely under purview of MSEDCL (Maharashtra State Electricity Distribution Co. Ltd.) and PD does not have any control on it. Also, accuracy class of meters and calibration frequency is under purview of MSEDCL/Discom officer and PD does not have any control on it. PP gets the monthly credit notes^{/B/} from where net electricity supplied to grid is obtained and used for emission reduction calculations.

Data collection and archiving: Export & Import readings from main and check meters is collected under the supervision of the O&M Team or authorized representatives of PD. The net electricity supplied to grid are calculated based on export & import readings. The period of storage of the monitored data will be 2 years after the end of crediting period or till the last issuance of VERs for the project activity whichever occurs later.

Mismatch in Monitoring Period and the Billing Period:

In case the dates of a particular monitoring period do not match with the dates of the billing period, the net electricity exported to the grid would be calculated from:

$$D = (A/B) * C$$

$$D = (A/B) * C$$

A = Difference of number of days which are not matching of billing period and monitoring period.

B = Number of days of the billing period/ month which was not matched with the monitoring period.

C = Net Electricity supplied to the grid for that given billing period/ month.

The calculated value after apportioning would be used for calculation of emission reductions during that period.

Emergency preparedness:

The project activity does not result in any unidentified activity that can result in substantial emissions from the project activity. No need for emergency preparedness in data monitoring is visualized.

In the unlikely event of failure of both Main meter and Check meter installed at sub-station, is found to be outside the acceptable limits of accuracy or faulty or not functioning properly, it will be repaired or replaced simultaneously.

In the event that the Main meter is not in service as a result of maintenance, repairs or testing, the Check meter will be used for readings and in the event that both the Main meter and check meter both are not in service as a result of maintenance, repairs or testing or in case there is delay in calibration as per the calibration dates than error factor will be applied as per the accuracy class of the meter. During the monitoring period the main and check meters were operating in the acceptable limits of accuracy at site.

VVB confirmed this during the site visit by physically inspecting the energy meters installed at the substations and by interviewing the personnels at substation and site in charge. The Verification Team concluded that the total downtime during the monitoring period (01/01/2025 to 31/12/2025) for the project activity was 3:29:00 hours, comprising downtime events attributable to equipment faults and grid-related interruptions. The total downtime represents approximately 0.040% of the total monitoring period hours and was verified against the submitted maintenance and breakdown records^{/10/}. The verification team deemed the records to be correct, complete, and consistent with the monitored data. Furthermore, the recorded maintenance and downtime events do not materially impact the monitored net electricity generation and the corresponding emission reductions claimed by the project activity.

Table 13: Breakdown details of Arni site

Date	B/d Description	Start time	Stop time	Total down time Hrs.
08/08/2025	Inverter derating by 50 % due to Device fault	10:30	16:10	5.67
02/07/2025	HT Cable Failure	5:46	18:58	13.2
10/07/2025	Shutdown fault	6:01	08:57	12.93
09/08/2025	Shutdown fault	5:59	18:52	12.88
16/08/2025	B-01 MCR incomer-1 tripped at E/F, O/C	7:01	18:32	11.52
01/09/2025	B-01 MCR incomer-1 tripped at E/F, O/C	6:00	13:25	7.23
08/09/2025	Shutdown fault due to LT Cable failure	6:09	18:31	12.3
23/09/2025	Device fault	12:49	18:52	5.1
Total				1:20:00

Table 14: Breakdown details of Malkapur site

Date	B/d Description	Start time	Stop time	Total down time Hrs.
21/01/2025	Upgrade Failure	6:56	18:12	11:16
21/01/2025	Upgrade Failure	6:56	18:11	11:15
02/5/2025	Grid Undervoltage/Grid Loss/LT Cable Fault	5:50	18:50	13:00
03/05/2025	GridUndervoltage/Grid Loss/LT Cable Fault	5:49	18:50	13:01
04/05/2025	LT Cable Fault	5:48	18:50	13:02
20/05/2025	phase wire short - circuited to pe	5:52	18:53	7:42
21/05/2025	LT Cable Fault	5:54	18:57	13:03
26/05/2025	phase wire short - circuited to pe	5:47	18:45	8:16
29/05/2025	Grid Fail CB HT Trip)	6:21	18:55	10:52
20/08/2025	120 MM Cable fault	6:08	18:47	12:39
17/09/2025	LT cable ground fault	6:14	18:22	12:08
30/09/2025	LT cable Fault	6:16	18:13	11:57
08/10/2025	Phase wire short-circuits to PE	6:20	18:09	7:45
09/10/2025	Phase wire short-circuits to PE	6:22	18:07	11:45
Total				2:09:00

Personnel training: In order to ensure a proper functioning of the project activity and a properly monitoring of emission reductions, the staff (team) is trained. The plant helpers are trained in equipment operation, data recording, reports writing, operation and maintenance and emergency procedures in compliance with the monitoring plan. During this monitoring period, the following training sessions have been conducted as listed in Table 15 and 16:

Table 15: Training details of Malkapur site(70MW)

S. No.	Date	Topics	No. of participants	Total No. of Trainings
1	21/04/2025	EHS Policy	11	01
2	15/05/2025	Electrical safety at solar power plant	12	01
3	26/05/2025	Safety and PPe Awareness	13	01
4	08/06/2025	Heat, snake bite, Ambu bag, CPR, First Aid	09	01

5	08/07/2025	Type of Fire	10	01
6	12/09/2025	Overview, Components	09	01
7	25/09/2025	Safety training – EHS Policies	10	01
8	16/10/2025	Plant Protocol and follow rules	09	01
9	29/10/2025	CT&PT	07	01
10	06/11/2025	Relay Basics +	08	01
11	07/11/2025	Safety Protocols	25	01
12	11/11/2025	Waste managements	10	01
13	14/11/2025	Manual Holding	08	01
14	12/12/2025	Electrical mock drill	10	01
15	12/12/2025	HIRA & JSA	08	01
16	12/12/2025	POSH	10	01
17	13/12/2025	Important of helmet	21	01
18	14/12/2025	Discussed about PPE's	14	01
19	18/12/2025	POSH	09	01
Total				19

Table 16: Training details of Arni site(80MW)

S. No	Date	Topics	No. of participants	Total No. of Trainings
1	04/04/2025	EHS Policy	09	01
2	26/05/2025	LOTO System	06	01
3	11/07/2025	Electrical Safety week	07	01
4	29/09/2025	Home safety road	08	01
5	29/09/2025	PPE Bike helmet	12	01
6	30/09/2025	Safety Awareness	13	01

7	14/10/2025	BBS Awareness	10	01
8	15/10/2025	Equipment's	08	01
9	20/11/2025	Importance of PPE	11	01
10	21/11/2025	Hazardous & non-hazardous	08	01
11	18/12/2025	PPE s selection 5S.4S, ETC	08	01
12	19/12/2025	Electrical shock mock drill	12	01
Total				12

4.6 Compliance of monitoring activities with the registered Monitoring plan

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

Verification Means	During desk review and on-site Inspection, the verification Team verified MR version 1.0 dated ^{/2/} : 17/04/2026 and final MR version 6 dated 21/07/2026 ^{/2/} , PDD version 6 dated: 19/09/2022 ^{/1/} , and other supporting documents								
Findings	No finding raised								
Conclusion	Details of ex-ante parameter: <table> <tr> <th>Parameter/Description</th><th>Value Applied</th></tr> <tr> <td>SDG 13: Climate Action EF,OM,y Operating Margin CO₂ emission factor in year y</td><td>0.9522 tCO₂/ MWh</td></tr> <tr> <td>SDG 13: Climate Action EF, BM,y Build Margin CO₂ emission factor in year y</td><td>0.8653 tCO₂/MWh</td></tr> <tr> <td>SDG 13: Climate Action EF, CM,y Combined Margin CO₂ emission factor in year y</td><td>0.9305 tCO₂/MWh</td></tr> </table> Verification is done in accordance with the registered PDD^{/1/} and applied methodology ACM0002 Version 20.0^{/4/}. The values are obtained from the "CO₂ Baseline Database for Indian Power Sector^{/19/}" published by Central Authority, Ministry of Power, Government of India as mentioned in MR^{/2/} and verified as per registered PDD^{/1/}.	Parameter/Description	Value Applied	SDG 13: Climate Action EF,OM,y Operating Margin CO ₂ emission factor in year y	0.9522 tCO ₂ / MWh	SDG 13: Climate Action EF, BM,y Build Margin CO ₂ emission factor in year y	0.8653 tCO ₂ /MWh	SDG 13: Climate Action EF, CM,y Combined Margin CO ₂ emission factor in year y	0.9305 tCO ₂ /MWh
Parameter/Description	Value Applied								
SDG 13: Climate Action EF,OM,y Operating Margin CO ₂ emission factor in year y	0.9522 tCO ₂ / MWh								
SDG 13: Climate Action EF, BM,y Build Margin CO ₂ emission factor in year y	0.8653 tCO ₂ /MWh								
SDG 13: Climate Action EF, CM,y Combined Margin CO ₂ emission factor in year y	0.9305 tCO ₂ /MWh								

4.6.2 Data and Parameters monitored

Relevant SDG Indicator	7.2.1 Affordable and Clean Energy																														
Data/parameter:	$EG_{PJ,grid,y}$																														
Unit	MWh/year																														
Description	Quantity of electricity generated and supplied by the project power plant to the grid in year y																														
Source of data checked by the verification team	Statement of net export of power to the grid at the plant site (Credit Notes) ^{/8/} and invoices raised by the PD to the state utility ^{/8/}																														
Means of verification:	Electricity exported/imported to the grid is in kWh. However, for the calculation purpose electricity exported is converted in MWh. The Net electricity supplied to the grid by the project activity will be calculated as a difference of electricity exported to the grid, electricity imported from the grid obtained from Monthly Meter reading reports by MSEDCL as per the below equation: $EG_{PJ,y} = EG_{Export, Malkapur} + EG_{Export, Arni}$ Quantity of net supplied to the grid presented in the Credit notes^{/8/} were cross checked from the Invoice^{/8/} raised by Project Developer to the MSEDCL. Properties of the meters are given in the table below: For 70 MW (Malkapur) <table><tr><th>Meter Number</th><th>Type</th><th>Make</th><th>Accuracy Class</th><th>Date of Calibration</th></tr><tr><td>22004105</td><td>Main</td><td>L&T</td><td>0.2s</td><td>20/06/2022</td></tr><tr><td>22004206</td><td>Check</td><td>L&T</td><td>0.2s</td><td>20/06/2022</td></tr></table> For 80 MW(Arni) <table><tr><th>Meter Number</th><th>Type</th><th>Make</th><th>Accuracy Class</th><th>Date of Calibration</th></tr><tr><td>22001180</td><td>Main</td><td>L&T</td><td>0.2s</td><td>18/06/2022</td></tr><tr><td>22001181</td><td>Check</td><td>L&T</td><td>0.2s</td><td>18/06/2022</td></tr></table> Calibration of all the meters will be undertaken once in 05 years as per the CEA guidelines^{/19/}. The meters are of accuracy class 0.2s. The calibration records are checked with the calibration certificate^{/12/} submitted by the PD and found correct. All the meters were calibrated as per the requirement and it was found that, during current monitoring period there was no delay in calibration and the same was verified during interviews conducted during on-site visit.	Meter Number	Type	Make	Accuracy Class	Date of Calibration	22004105	Main	L&T	0.2s	20/06/2022	22004206	Check	L&T	0.2s	20/06/2022	Meter Number	Type	Make	Accuracy Class	Date of Calibration	22001180	Main	L&T	0.2s	18/06/2022	22001181	Check	L&T	0.2s	18/06/2022
Meter Number	Type	Make	Accuracy Class	Date of Calibration																											
22004105	Main	L&T	0.2s	20/06/2022																											
22004206	Check	L&T	0.2s	20/06/2022																											
Meter Number	Type	Make	Accuracy Class	Date of Calibration																											
22001180	Main	L&T	0.2s	18/06/2022																											
22001181	Check	L&T	0.2s	18/06/2022																											

Value(s) of monitored parameter	325,804.02 MWh
Measuring/reading/recording frequency:	Monthly
Cross Checks	Quantity of net electricity supplied to the grid were cross checked from the Invoices ^{/8/} raised by Project Developer to the MSEDCL. Emission reduction calculated are correct and accurate. The cross-check mechanism is presented in the emission reduction calculation sheet ^{/2/} and the same is found correct.

Relevant SDG Indicator	SDG 8.5.1: Decent Work and Economic Growth
Data/parameter:	- Quantitative employment - Quality of employment - Income Generation
Unit	- Number (trainings) - Number (employees) - INR (salary)
Description	- Number of trainings provided to the employees and O&M staff - Number of project employees with Number of male/female, permanent/temporary, age and person with disabilities - Salary given to the employee of the project.' - Salary given to the permanent on role employees of the project & contractual Agreement copy for the off-role employees. - Salary given to the employees of the project. - The income to the unskilled workers is made on day-to-day basis in line with the minimum wage requirements. Annual records of income paid to the employees would be available. Employees data as follows as: Total 23 employees Bifurcation based on gender: Male-23 Female- 0 Bifurcation based on skills: Skilled – 23 (permanent) Unskilled – 0 (temporary)
Source of data checked by the verification team	- Training records (attendance sheet)^{/13/} - Salary slips of the project employees^{/14/}
Means of verification:	The verification team checked that for Quality of employment and income generation, employment is given in office work, O&M and security etc. 23 employees were employed in the current monitoring period, 11 are in Arni site and 12 are in Malkapur site.

	The numbers were also cross check through employees attendance master sheet^{/15/} provided by the PD. Breakup is as follows: <table><tr><th>SPVs</th><th colspan="2">Values</th></tr><tr><td rowspan="3">Juniper Green Field Private Limited</td><td>Skilled</td><td>23 (Permanent)</td></tr><tr><td>Unskilled</td><td>00 (Temporary)</td></tr><tr><td>Total</td><td>23</td></tr></table> During current monitoring period, total 31 trainings were organized (details provided in final monitoring report^{/2/}) includes soft and HSE training. Training details is provided in monitoring report^{/2/}, same is verified by assessment team with copies of the training attendance sheet^{/13/}. Thus accepted. Also, during current monitoring period, total INR 1,10,91,888 income has been paid by the Project developer, same has been confirmed by reviewing the sample of salary slip^{/14/} provided by the PD. Based on the Indian labor act Labor bureau, Government of India⁵, the project complies with the minimum wage requirements for skilled labourers. This has also been confirmed through the review of salary slips^{/14/}, which demonstrate that the Project Owner is paying wages above the prescribed minimum wage rates.	SPVs	Values		Juniper Green Field Private Limited	Skilled	23 (Permanent)	Unskilled	00 (Temporary)	Total	23
SPVs	Values										
Juniper Green Field Private Limited	Skilled	23 (Permanent)									
	Unskilled	00 (Temporary)									
	Total	23									
Value(s) of monitored parameter	Total number of employees – 23 Number of trainings – 31 Income generation – INR 1,10,91,888										
Measuring/reading/recording frequency:	Once in a Monitoring period										
Cross Checks	Not applicable										

Relevant SDG Indicator	SDG 13: Climate Action (indicator 13.2.1)
Data/Parameter	Air Quality
Unit	tCO ₂ e
Description	Reduction in CO ₂ emission reduction due to implementation of project activity
Source of data checked by the verification team	Calculated as per the tool to calculate emission factor for an electricity system”. The data obtained from “CO ₂ baseline Database

5 ⁵ https://labour.gov.in/sites/default/files/powact2017_0.pdf

	for Indian Power Sector” version 17.0 ^{/19/} published by the Central Electricity Authority, Ministry of Power, Government of India.	
Means of verification:	The verification team checked that the parameter is calculated. The electricity exported & imported were measured by Energy Meter installed at substation. The Monthly Joint Meter reading/electricity generation data were verified with the Credit Notes ^{/8/} issued by state electricity board and cross-checked with the invoice ^{/8/} copies raised by the PD to state electricity board. Emission reduction calculated in thus correct and accurate.	
Value(s) of monitored parameter	303,160 tCO ₂ e	
	Vintage date	ER _y
	01/01/2025 to 31/12/2025	303,160
Measuring/reading/recording frequency:	Every verification period.	
Cross check	All the formulas are applied in line with the registered GS4GG PDD ^{/1/}	

4.6.3 Implementation of sampling plan

Verification Means	N/A
Findings	N/A
Conclusion	N/A

4.6.4 Compliance with the calibration frequency requirements for measuring instruments

Verification Means	During the desk review and on-site visit, verification team verified Monitoring report version 1.0 dated, 17/04/2026 ^{/2/} and final MR version 6.0 dated, 21/07/2026 ^{/2/} , PDD version 6.0 dated 19/09/2022 ^{/1/} and other supporting documents.
Findings	CL02 has been raised and closed successfully.
Conclusion	Verification is done in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology ^{/4/} . The monitoring results were recorded consistently as per the approved frequency in the monitoring plan. Calibration of all the meters will be undertaken once in 05 years as per the CEA guidelines ^{/19/} . The meters are of accuracy class 0.2s. The calibration records are checked with the calibration certificate ^{/12/} submitted by the PD and found correct. All the meters were calibrated as per the

	requirement and it was found that, during current monitoring period there was no delay in calibration. The Calibration details are presented in Appendix 2 of this report. Calibration of meters were carried out by a Testing and Quality assurance Laboratory, MSEDCL, Nagpur. Verification team checked the same and found that the calibration is appropriate and correct as traceability is ensured. The meters were calibrated as per the norms of the MSEDCL, the meters are with in permissible error limit.
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4.7 Assessment of data and calculation of emission reduction or net removals

4.7.1 Calculation of baseline values or estimation of baseline situation of each SDG impact.

Verification Means	During the desk review and on-site visit, verification team verified Monitoring report version 1.0 dated, 17/04/2026 ^{/2/} and final MR version 6.0 dated, 21/07/2026 ^{/2/} , PDD version 6.0 dated 19/09/2022 ^{/1/} and other supporting documents.												
Findings	CL06 has been raised and closed successfully.												
Conclusion	Verification is done in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology^{/4/}. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan. SDG 13- The baseline emissions are the product of electrical energy baseline $EG_{PJ,y}$ expressed in MWh of electricity produced by the renewable generating unit multiplied by an emission factor. $BE_y = EG_{PJ,y} * EF_{grid,CM,y} = 303,160 \text{ tCO}_2\text{e}.$ <table border="1"> <tr> <th colspan="2">Estimated Emission Reduction as in GS PDD^{/1/} for the equivalent period of the current monitoring period, 01/01/2025 to 31/12/2025 (both dates included)</th></tr> <tr> <td>Monitoring period Start date</td><td>01/01/2025</td></tr> <tr> <td>Monitoring period End date</td><td>31/12/2025</td></tr> <tr> <td>Days in current monitoring period</td><td>365 days</td></tr> <tr> <td>Annual VERs as per the GS PDD^{/1/}</td><td>330,355 tCO₂e</td></tr> <tr> <td>Estimated Emission Reduction as in VERs PDD for the equivalent period of the current monitoring period.</td><td> Annual Estimated GHG emission reductions as per GS PDD/ total days in a year) * total number of days in the current monitoring period $= (330,355 * 365/365) = 330,355 \text{ tCO}_2\text{e}$ </td></tr> </table>	Estimated Emission Reduction as in GS PDD ^{/1/} for the equivalent period of the current monitoring period, 01/01/2025 to 31/12/2025 (both dates included)		Monitoring period Start date	01/01/2025	Monitoring period End date	31/12/2025	Days in current monitoring period	365 days	Annual VERs as per the GS PDD ^{/1/}	330,355 tCO ₂ e	Estimated Emission Reduction as in VERs PDD for the equivalent period of the current monitoring period.	Annual Estimated GHG emission reductions as per GS PDD/ total days in a year) * total number of days in the current monitoring period $= (330,355 * 365/365) = 330,355 \text{ tCO}_2\text{e}$
Estimated Emission Reduction as in GS PDD ^{/1/} for the equivalent period of the current monitoring period, 01/01/2025 to 31/12/2025 (both dates included)													
Monitoring period Start date	01/01/2025												
Monitoring period End date	31/12/2025												
Days in current monitoring period	365 days												
Annual VERs as per the GS PDD ^{/1/}	330,355 tCO ₂ e												
Estimated Emission Reduction as in VERs PDD for the equivalent period of the current monitoring period.	Annual Estimated GHG emission reductions as per GS PDD/ total days in a year) * total number of days in the current monitoring period $= (330,355 * 365/365) = 330,355 \text{ tCO}_2\text{e}$												

	SDG 7- The Values estimated in ex ante calculation of approved PDD^{/1/} for this monitoring period is 355,030 MWh. SDG 8- Total 2 training was to be conducted (one training each for each site) and 20 employees (10 employees per site) were to be hired as per ex-ante values estimated in ex ante calculation of approved PDD^{/1/} for this monitoring period. The data given in the MR^{/2/} section E.1 and ER sheet^{/2/} was verified via registered GS PDD^{/1/} during desk review stage and was found to be correct.
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4.7.2 Calculation of project value or estimation of project situation of each SDG Impact

Verification Means	During the desk review and on-site visit, verification team verified Monitoring report version 1.0 dated, 17/04/2026 ^{/2/} and final MR version 6.0 dated, 21/07/2026 ^{/2/} , PDD version 6.0 dated 19/09/2022 ^{/1/} and other supporting documents.				
Findings	CL03, CL04 and CL06 have been raised and closed successfully.				
Conclusion	Verification is done in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology^{/4/}. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan. Monitored parameters for the project is- SDG 07: Affordable and Clean Energy Following table mentions the “Quantity of net electricity generation supplied by the project plant/unit to the grid in year y” which is already verified under section 3.4.2.2 of this report. <table border="1"> <tr> <th>Period</th><th>EG_{facility,y} (MWh)</th></tr> <tr> <td>01/01/2025 to 31/12/2025</td><td>325,804.02 MWh</td></tr> </table> The electricity generated was verified via JMRs/credit notes^{/8/} and cross-checked with the invoices^{/8/} provided by the PD. Same has been confirmed via interviewing the PD personnels during the site visit. SDG 08: Decent Work and Economic Growth During Monitoring period - 01/01/2025 to 31/12/2025 (both dates are included). - Quality of Employment - 31 Trainings. - Quantitative employment and income generation - 23 employees &	Period	EG _{facility,y} (MWh)	01/01/2025 to 31/12/2025	325,804.02 MWh
Period	EG _{facility,y} (MWh)				
01/01/2025 to 31/12/2025	325,804.02 MWh				

- Income (INR) – 1,10,91,888 cumulative of the current monitoring period.

SDG 13: Climate Action

Baseline emissions:

It includes only CO₂ emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing Grid-Connected power plants and the addition of new Grid-Connected power plants. The baseline emissions are to be calculated as follows:

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

Where;

BE_y = Baseline emissions in year y, (tCO₂e/yr)

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

$EF_{grid,CM,y}$ = Combined margin CO₂e emission factor for grid connected power generation in year y

Calculation of $EG_{PJ,y}$

The calculation of $EG_{PJ,y}$ is different for

- Greenfield plants,
- Retrofits and replacements, and
- Capacity additions

The project activity is the installation of solar projects, and it is a green-field project. So, the formula in option

(a) greenfield plants are used to calculate the value of $EG_{PJ,y}$. In accordance with para 44 of the applied methodology^{4/}:

Where:

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

$EG_{facility,y}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr).

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

$$BE_y = 325,804.02 \times 0.9305$$

$$BE_y = 303,160 \text{ tCO}_2\text{e (Round down values)}$$

The calculation, applied formulae and the method for calculation of baseline emission are in accordance with the approved GS4GG PDD v06^{/1/} and are in line with the requirements of the applied methodology^{/4/}. The formulae and the methods referred in the MR^{/2/} and the emission reduction calculation spread sheet for estimation of SDGs complies with the corresponding formulae and methods in the approved GS4GG PDD v06^{/1/}.

Project Emissions:

As per para 31 of section 5.4 of the approved consolidated Methodology ACM0002 (Version 20.0)^{/1/}:

“For most renewable energy power generation project activities, $PE_y = 0$ ”.

However, some project activities may involve project emissions that can be significant. These emissions shall be accounted as project emissions by using the following equation:

$$PE_y = PE_{FF,y} + PE_{GP,y} + PE_{HP,y}$$

Where:

PE_y - Project emissions in year y (t CO₂e/yr)

$PE_{FF,y}$ - Project emissions from fossil fuel consumption in year y (tCO₂/yr)

$PE_{GP,y}$ - Project emissions from the operation of dry, flash steam or binary geothermal power plants in year y (t CO₂e/yr)

$PE_{HP,y}$ - Project emissions from water reservoirs of hydro power plants in year y (t CO₂e/yr)

“As the project activity is the installation of a new grid-connected Solar power plant/unit and does not involve any project emissions from fossil fuel, operation of dry, flash steam or binary geothermal power plants, and from water reservoirs of hydro power plants.”

Therefore,

$PE_{FF,y}$, $PE_{GP,y}$, $PE_{HP,y}$ is equal to zero and thus,
 $PE_y = 0$.

Leakage Emissions:

As per para 53 of section 5.6 of the approved consolidated Methodology ACM0002 (Version 20.0)^{/4/}:

No leakage emissions are considered in the project activity. The main emissions potentially giving rise to leakage in the context of electric sector projects are emissions arising due to activities such as power plant construction and upstream emissions from

	fossil fuel use (e.g., extraction, processing, and transport). Since the emissions sources are small, it is neglected, thus, LEy = 0. The verification Team assessed whether the data and calculations of each SDG from the approved GS4GG PDD v06^{/1/} is correct. The verification team has checked whether calculation of SDGs have been carried out in accordance with the formulae and methods describe in the approved GS4GG PDD v06^{/1/}. The calculation, applied formula and the method for calculation of SDGs are in accordance with the approved GS4GG PDD v06^{/1/} and are in line with the requirements of the applied methodology^{/4/}. The formulae and the methods of the approved GS4GG PDD v06^{/1/}.
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4.7.3 Calculation of Leakage

Verification Means	During the desk review and on-site visit, verification team verified Monitoring report version 1.0 dated, 17/04/2026 ^{/2/} and final MR version 6.0 dated, 21/07/2026 ^{/2/} , PDD version 6.0 dated 19/09/2022 ^{/1/} and other supporting documents.
Findings	No finding raised.
Conclusion	Verification is done in accordance with the registered PDD^{/1/} and applied methodology ACM0002 Version 20.0^{/4/} Leakage (LEy) = 0 As per paragraph 53 of the consolidated methodology ACM002 Version 20^{/4/}, there is no leakage emission considered through the renewable project electricity generation.

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

Meth/tool	Relevant indicator	SDG	GS PDD	MR	Compliance
Quantity of net electricity supplied to the grid	SDG 7.2.1: By 2030, increase substantially the share of renewable energy in the global energy mix		Quantity of net electricity generation supplied by the project plant/unit in year y in MWh	Quantity of net electricity generation supplied by the project plant/unit in year y in MWh	Yes
Number of employment generation	SDG 8.5.1: Average hourly earnings of female and male employees,		Quantitative employment Income generation and	Quantitative employment and income generation,	Yes

Meth/tool	Relevant indicator	SDG	GS PDD	MR	Compliance
and Better Salary • Number of trainings provided	by occupation, age and persons with disabilities		Quality of employment	Quality of employment	
Take urgent action to combat climate change and its impacts	SDG 13.2.1: Take urgent action to combat climate change and its impacts		Emission reductions	Reduction in CO2 emission reduction due to implementation of project activity	Yes

4.7.5 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	Conclusion
SDG 7: Affordable and Clean Energy	355,030 MWh per year 355,030 MWh for current monitoring period	325,804.02 MWh	Verification team conducted desk review and on-site inspection and verified the Net Electricity generated reported in the ER sheet ^{/2/} and MR ^{/2/} for current monitoring period via JMRs/credit notes ^{/8/} and invoices ^{/8/} raised monthly. Total Employment generated and trainings conducted in the current monitoring period were verified via employment records(master attendance sheet of the employees) ^{/15/} , salary slips ^{/14/} of employees and training record ^{/13/} and were found to be correct.
SDG 8: Decent Work and Economic Growth	02 Trainings (1 training at each site) 20 employment generation	31 trainings provided to employees 23 employment generation Income (INR) – 1,10,91,888 cumulative of the current monitoring period.	
SDG 13: Climate Action	330,355 GS VERs per year 330,355 GS VERs for current monitoring period	303,160 GS VERs	

4.7.6 Remarks on difference from estimated value in registered PDD.

Verification Means	During the desk review and on-site visit, verification team verified Monitoring report version 1.0 dated, 17/04/2026 ^{/2/} and final MR version 6.0
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	dated, 21/07/2026 ^{/2/} , PDD version 6.0 dated 19/09/2022 ^{/1/} and other supporting documents.																												
Findings	No finding raised.																												
Conclusion	The ex-ante estimates value of the emission reductions for the monitoring period as per the registered PDD ^{/1/} , is 330,355 tCO2e and the actual emission reductions achieved for the monitoring period is 303,160 tCO2e. The table below defines the estimated and achieved values of the parameters:																												
	<table><tr><th>SDG indicator</th><th>SDG</th><th>Values</th><th>Values estimate for current MP</th><th>Values achieved for current MP</th><th>Unit</th></tr><tr><td>Affordable and Clean Energy</td><td>SDG 7</td><td>355,030</td><td>355,030</td><td>325,804.02</td><td>MWh</td></tr><tr><td rowspan="2">Decent Work and Economic Growth</td><td rowspan="2">SDG 8</td><td>20 employees</td><td>20 employees</td><td>23 employees</td><td>Number of employees</td></tr><tr><td>2 trainings</td><td>2 trainings</td><td>31 training</td><td>Number of trainings</td></tr><tr><td>Climate Action</td><td>SDG 13</td><td>330,355</td><td>330,355</td><td>303,160</td><td>tCO2e per annum</td></tr></table>	SDG indicator	SDG	Values	Values estimate for current MP	Values achieved for current MP	Unit	Affordable and Clean Energy	SDG 7	355,030	355,030	325,804.02	MWh	Decent Work and Economic Growth	SDG 8	20 employees	20 employees	23 employees	Number of employees	2 trainings	2 trainings	31 training	Number of trainings	Climate Action	SDG 13	330,355	330,355	303,160	tCO2e per annum
	SDG indicator	SDG	Values	Values estimate for current MP	Values achieved for current MP	Unit																							
	Affordable and Clean Energy	SDG 7	355,030	355,030	325,804.02	MWh																							
	Decent Work and Economic Growth	SDG 8	20 employees	20 employees	23 employees	Number of employees																							
			2 trainings	2 trainings	31 training	Number of trainings																							
	Climate Action	SDG 13	330,355	330,355	303,160	tCO2e per annum																							
	For SDG 13, since the actual emission reduction is lower than the estimated value by -8.23%. The actual achieved reduction during the current monitoring period is -8.23% lower than the estimated value in the PDD ^{/1/} . i.e., there is a decrease in ex-post emission reductions. The lower generation observed because the current monitoring period has lower yield months and lower sunshine hours.																												
	Thus, verification team is of opinion that the facts stated by the PD is correct and calculation for ER is done correctly and in line with applied methodology ^{/4/} .																												
	All the data have been made available to the verification team by PD during site visit and as supporting evidences which have been monitored as per required monitoring frequency. The means of verification for the values of parameters, used for baseline emission calculation, is described above.																												
The verification team has checked and confirmed the emission reduction calculations in the ER calculation spreadsheet and found to be accurate. The monitoring report is supported by emission reduction spreadsheet ^{/2/} . The consistency and formula were verified and found to be accurate.																													

4.8 Safeguarding Reporting

As per cross verification of documents mention below;

- Registered GS4GG PDD v6.0^{/1/}, dated: 19/09/2022
- Registered corresponding validation report^{/1/} v3.0 dated, 17/10/2022
- GS4GG Safeguarding Principle and Requirements v2.1^{/3/}, dated: 29/06/2023
- Template guide Monitoring report v1.1^{/3/}, dated 14/10/2020

1. **Safeguarding principle 2 Gender Equality and Women's Rights:**

The verification team assessed the project's compliance with Principle 2 of the GS4GG Safeguarding Principles and Requirements v2.1^{/3/} through reviewing of the employment records^{/15/} (master attendance sheet), salary slips^{/14/}, and training record^{/13/} and conducted interviews during the site visit to assess the project's gender-related commitments. As confirmed by the Project Developer in the monitoring report^{/2/} for the current monitoring period and supported by the employment records^{/15/}, no women were employed in site-based activities during the monitoring period, as the project sites are located in remote areas. Therefore, no comparison of remuneration between male and female workers could be performed. The assessment team confirmed that no evidence of gender-based discrimination in employment practices was identified during the verification.

The verification team confirmed that a process is in place to maintain and review employee records^{/15/}, enabling the project developer to monitor workforce participation and identify any gender-related concerns.

Based on the evidence reviewed, the verification team concludes that the project activity complies with Principle 2 (Gender Equality and Women's Rights) of the GS4GG Safeguarding Principles and Requirements v2.1^{/3/}.

2. Safeguarding principle 6.1 Labor Rights: As per the verification of employment record^{/15/} and training records^{/13/} (also assessed in the above sections of this report), verification team confirms that project developer provided the 31 trainings to the employees on documentations, reporting of accidents and incidents and emergency preparedness and response measures.

3. Safeguarding principle 9.5: Hazardous and Non-hazardous Waste: As per interviewing the O&M staff during onsite inspection, it is confirmed that the wastes are disposed to waste handlers and follow the local laws for disposal. Hence verification team is of opinion that PD has compliance with all the safeguarding principles that are declared in the monitoring plan in the registered GS4GG PDD v06^{/1/} & it is deemed satisfactory.

4.9 Stakeholder inputs and legal disputes

4.9.1 List all inputs and grievances which have been received via the continuous input and grievance mechanism together with their respective responses/mitigations.

The assessment team confirmed that the project has an established grievance mechanism through a grievance register/form^{/16/} available at the project site office, which includes the Gold Standard contact information and is accessible to local stakeholders. During the site visit, the verification team verified the availability and accessibility of the grievance register, reviewed the grievance register^{/16/}, and conducted interviews with project personnel and local stakeholders to confirm awareness and use of the grievance mechanism. The evidence reviewed confirmed that the grievance mechanism remained

operational throughout the monitoring period and that no grievances or negative feedback related to the project activity were received. Based on the assessment, the VVB concludes that the grievance mechanism was accessible, functioning effectively, and implemented in accordance with the applicable Gold Standard requirements^{/1/}.

4.9.2 Report on any stakeholder mitigations that were agreed to be monitored

During on-site inspection verification team verified visitor register cum grievance register^{/16/} placed on site and conducted personnel interviews and concluded that there was no negative feedback logged during the current monitoring period.

4.9.3 Details of legal contest that has arisen with the project during the monitoring period

Verification team confirms that the given GS4GG project “150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra” is in compliance with the Host Country “India” legal environmental, ecological and social regulations as per requirements mentioned in section 7.11 at time of validation for design certification for standalone project activity of validation and verification standard v2.0^{/3/} and there is no legal challenge that has been arisen claiming a project is not in compliance with regulation, during certification process.

4.10 Management system and Operational System.

The responsibilities of data measurement, collection, verifying, archiving etc. have been clearly defined in the approved GS4GG PDD^{/1/}. The same practice is followed onsite and it is confirmed by the assessment team during the site visit interviews with PD. 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 registered GS4GG PDD^{/1/}.

It has been verified during the site visit, the monitoring procedure as well as the internal quality management and control procedures are stipulated in the GS4GG PDD^{/1/}. The monitoring personnel have been interviewed by the verification team and confirmed that the monitoring was implemented as per the procedure. Also, the training records (attendance sheet)^{/13/} has been checked by the assessment team and it is confirmed that the monitoring personnel are sufficiently trained to perform the monitoring. The information flow of each parameter has been verified by the assessment team via interviewing with responsible personnel.

All the data and documents, either hard copies or soft copies, will be kept for two years after the end of the last crediting period or the last issuance of GS VERs for this Project, whichever occurs later.

5 Reference

LIST OF DOCUMENTS				
No.	Author	Title	Reference/date and version	Provider
1	Infinite Environmental Solutions Limited.	Registered GS4GG PDD : 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (Initial)	Version 06 dated 19/09/2022	Publicly available
	Applus Certification.	GS 7627 Validation report : 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (Initial)	Version 03 dated 17/10/2022	
	Applus Certification	GS 7627 Verification report (01/06/2022 to 31/03/2023)	Version 03 dated 09/08/2023	
	VKU Certification	GS 7627 Verification report (01/04/2023 to 31/12/2023)	Version 2.0 dated 28/03/2024	
	VKU certification Pvt. Ltd	GS 7627 Verification report (01/01/2024 to 30/06/2024)	Version 3.0 dated 16/12/2024	
	RINA Services S.p.A. (RINA)	GS 7627 Verification report (01/07/2024 to 31/12/2024)	Version 1.3 dated 07/08/2025	
2	Infinite Environmental Solutions Limited	Monitoring report: 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (Initial)	Version 01 dated 17/04/2026	Project Proponent
		GS Monitoring report: 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (final)	Version 06 dated 21/07/2026	
		Emission reduction spreadsheet: 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (Initial)	Version 01 dated 07/04/2026	

		Emission reduction spreadsheet: 150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra (Final)	Version 03 dated 28/04/2026	
3	GS	GS4GG validation and verification standard. GS4GG principles and requirements. Safeguarding Principles and Requirements. Stakeholder consultation and Engagement Guidelines. Site Visit and Remote Audit Requirements and Procedures. Renewable Energy Activity Requirements of GS4GG. Validation & verification body requirements. Applicability of minimum site visit requirement by VVB. Template guide of monitoring report.	Version 2.0 dated: 12/11/2024 Version 2.1, dated: 30/01/2025 Version 2.1, dated: 29/06/2023 Version 2.0, dated 04/05/2022 Version 2.0 dated: 30/05/2023 Version 1.4. dated: 16/08/2021 Version 2.0 dated: 06/03/2023 Version 2.0 dated: 16/08/2021 Version 1.2 dated 25.05.2025	Publicly available
4	CDM UNFCCC	Applied methodology: ACM0002 “Grid-Connected electricity generation from renewable sources” Tool 07: Tool to calculate the emission factor for an electricity system	Version 20.0 dated 28/11/2019 Version no. 7.0 dated 31/08/ 2018	Publicly available
5	Infinite solutions	Latest Annual report	Dated 27/12/2024	Project proponent
6	Juniper Green Field Pvt. Limited	Commissioning certificates 1. Arni (80 MW) 2. Malkapur (70 MW)	1. Date 01/06/2022 2. Date- 08/08/2022	Project Proponent

7	Juniper Green Field Pvt. Limited	Power Purchase Agreement between Juniper Green Field Private Limited (JGFPL) and Maharashtra Electricity Distribution Company Limited, dated 10/02/2020, Ref No. MSEDCL/RE/2019/500MW Solar/Ph-IV/T-074	Dated 10/02/2020	Project Proponent
8	Juniper Green Field Pvt. Limited	Credit Notes issued by state utility and Invoices raised by PD for the complete monitoring period for cross checking electricity generation Period- 01/01/2025to 31/12/2025		Project Proponent
9	Juniper Green Field Pvt. Limited	Project Owner Declaration for latest solar modules	Dated 16/04/2023	Project Proponent
10	Juniper Green Field Pvt. Limited	Maintenance and plant breakdown records Period- 01/01/2025to 31/12/2025 Complete list of breakdown conducted during this MP is listed in section 4.2 of this report.	-	Project Proponent
11	Juniper Green Field Pvt. Limited	Declaration for No double counting	Dated 25/03/2026	Project Proponent
12	Juniper Green Field Pvt. Limited	Meter Calibration certificates 1. Arni (22001180)- Test Report No.- TQAN/TR/22-23/38/38 dated 25/04/2022 by TQA Lab MSEDCL, Nagpur. 2. Malkapur (22004105)- Test Report No. TQAN/TR/22-23/70/65 dated 27/06/2022 by TQA Lab MSEDCL, Nagpur.	-	Project Proponent
13	Juniper Green Field Pvt. Limited	Training records of the employees (both skilled/non skilled) and training attendance Period- 01/01/2025to 31/12/2025 Arni- 12 trainings conducted Malkapur- 19 trainings conducted Complete list of trainings conducted during this MP is listed in section 4.2 of this report.	-	Project Proponent
14	Juniper Green Field Pvt. Limited	Sample Salary slips	-	Project Proponent
15	Juniper Green Field Pvt. Limited	Employment records (employee's master attendance sheet) Period- 01/01/2025to 31/12/2025	-	Project Proponent

16	Juniper Green Field Pvt. Limited	Grievance Register Arni: 01/01/2025to 31/12/2025 Malkapur:01/01/2025to 31/12/2025	-	Project Proponent
17	Infinite Solutions	SDG Impact Tool Sheet	-	Project Proponent
18	Juniper Green Field Pvt. Limited	Trina Module data sheet and JA Solar data sheet.	-	Project Proponent
19	Central Electricity Authority	CO2 Baseline Database for Indian Power Sector" for Indian Power Sector	Version 17	Central Electricity Authority website

6 Final verification statement

Enviance has been engaged by Juniper Green Field Private Limited and Infinite Environmental Services Limited to perform the 5th verification of “150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra” (GS Ref. No. GS7627).”

The management of Infinite Environmental Services 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 version 6.0^{/1/} and the applied methodology ACM0002 Version 20.0.^{/4/}

Our verification approach was based on the requirements as by the Gold Standard requirements and guidelines^{/3/}. 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. A reasonable level of assurance has been achieved during this verification. The verification can confirm that:

- The project is operated as planned and described in the approved GS4GG project design documents;
- the Monitoring plan is as per the applied methodologies;
- the Monitoring Plan in Monitoring Report is as per the PDD and the monitoring plan approved by GS4GG;
- The development and maintenance of records and reporting procedures are in accordance with the registered monitoring plan;
- The installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately;
- The monitoring system is in place and generates GHG emission reductions data;
- The GHG emission reductions are calculated without material misstatements.

In our opinion, the GHG emission reductions for “150 MW Solar PV Plant by Juniper Green Field Pvt. Ltd. in Maharashtra” for the monitoring period 01/01/2025 to 31/12/2025 (Both days included) as reported in Monitoring Report, prepared on the basis of the project’s Monitoring Plan are fairly stated.

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

Reporting period:	01/01/2025 to 31/12/2025 (Both days included)
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Table 17: Verified emission in the above reporting period

Leakage emissions	0 tCO ₂ e equivalents
Project emissions	0 tCO ₂ e equivalents
Baseline emissions	303,160 tCO ₂ e equivalents
Emission reductions	303,160 tCO ₂ e equivalents

Table 18: Vintage wise breakup of GS VERs

Year	Emission Reductions (tCO ₂ e)
01/01/2025 to 31/12/2025	303,160
Total	303,160

Date:	21/07/2026
GS Approved Auditor/Lead Auditor:	Mr. Vipul Jain
Tech. Expert:	Mr. Vipul Jain, Mr. Prakhar Shastri
Validator-Verifier	Mr. Prakhar Shastri
VViT/TEiT	Ms. Shehjar Kaul Sahib
Tech. Reviewer in Trainee:	Ms. Ritu Singh
Tech. Reviewer:	Mr. Pankaj Kumar

ASSESSMENT TEAM

Lead Auditor:

Mr. Vipul Jain

Technical Reviewer

Mr. Pankaj Kumar



Signature: _____



Signature: _____



Approver:

Ms. Vidhya Muralikrishna

Date: 21/07/2026

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

Classification	☐ CAR ☒ CL/CR ☐ FAR	Number:	01
Raised by:	Mr. Vipul Jain	Document Reference	Monitoring report v1.0 dated 17/04/2026
Finding Description		Date:	21/04/2026
A discrepancy has been noted in the monitoring period reported in the submitted MR: the cover page states the period as 01/01/2025 to 31/12/2025, whereas Table 2 (Product Vintage) indicates the period as 01/07/2024 to 31/12/2024. PO to check monitoring period through-out the MR and correct the same with the consistent monitoring period.			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2026
The monitoring period has been corrected throughout the MR. Table 2 (Product Vintage) and all relevant sections have now been updated to align with the correct monitoring period as stated on the cover page.			
Validation/Verification Team Assessment		Date:	29/04/2026
The assessment team has reviewed the revised Monitoring report dated 28/04/2026 v2.0 and confirms that the PD corrected the monitoring period throughout the PSF. Hence CL is Closed.			

Classification	☐ CAR ☒ CL/CR ☐ FAR	Number:	02
Raised by:	Mr. Vipul Jain	Document Reference	Monitoring report v1.0 dated 17/04/2026 and submitted calibration certificates.
Finding Description		Date:	21/04/2026
PD has submitted calibration certificates of the meters, but the date mentioned in the MR are found inconsistent with submitted calibration certificates.			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2026
The dates mentioned in the MR are correct, and the calibration certificate documents have been submitted for reference.			
Validation/Verification Team Assessment		Date:	29/04/2026
The PD has submitted the calibration certificates, and the calibration dates are now consistent with the dates mentioned in the Monitoring Report. However, a discrepancy has been observed: the validity date in the submitted certificates is stated as 16/12/2022, whereas the monitoring report indicates the due date as 19/06/2022. The PD is requested to clarify this inconsistency. Hence this CL is open.			
Client/Responsible Party/Project Proponent Response	Party/Project Proponent	Date:	30/04/2026
Meter calibration dated 20/06/2022 is valid until 19/06/2027 As per PDD Calibration frequency is once in 5 years as per CEA guidelines. Supporting			

documents have been submitted as evidence

TESTING AND QUALITY ASSURANCE LABORATORY, MS&EDCL, NAGPUR.
Address: Testing Division(U), Prakash Bhavan, Link Road, Sadar, Nagpur-440 001.
Email: netnagpur@gmail.com

Report No.: TQAN/TR/22-23/71/66 Date: 27.06.2022

Artifact Details:-
Make: L&T Rated Current: 1 Amp
Sr.no: 22004106 Max Current: 2 Amp CTR /IAMP
Type: ER300P Voltage: 3*63.50 V PTR 11 Kv/110 V
Date Of Testing: 20th & 21st June 2022 Constant: 500.0000 Pulses/Kwh
Test Results:- Constant: 500.0000 Pulses/Kvarh
Class: 0.25

IS 14697:2021 with latest Amendments

Sr.No	Clause No	Test/Parameter	Test condition	Test requirements/limits	Observation (% Error)	Remarks
3		TEST OF ACCURACY REQUIREMENTS				
1.1	11.1	Test of Limits of error	Load points at reference condition and rated voltage	The % error shall not Exceed as per IS 14697:2021	Import	Export

Validation/Verification Team Assessment**Date:****06/05/2026**

PD has clarified that the calibration frequency is once every five years, in accordance with CEA guidelines; therefore, it is considered acceptable by the assessment team. Therefore, CL is closed.

Classification☐ CAR☒ CL/CR☐ FAR**Number:****03****Raised by:****Mr. Vipul Jain****Document Reference****Monitoring report****Finding Description****Date:****21/04/2026**

1. Under data/parameter table of "SDG Indicator SDG 8.5.1: Decent Work and Economic Growth" The PO has reported a total of 23 employees for the current monitoring period; however, the gender-wise breakdown indicates 28 male employees, which is inconsistent with the stated total. Additionally, the bifurcation of employees into temporary, skilled, and unskilled categories is either unclear or not properly reported.

Further, as the project comprises two sites, the PD shall provide separate employment tables for each site.

The PO is requested to clarify these discrepancies and provide a consistent and complete breakdown of the total workforce.

2. The PD has submitted a folder intended to contain sample salary slips for employees at both sites; however, the folder was found to be empty and does not contain any files.

Client/Responsible Party/Project Proponent Response**Date:****27/04/2026**

1. The total number of employees and gender-wise breakdown have now been updated. The bifurcation of employees into temporary, skilled, and unskilled categories has been provided under SDG Indicator 8.5.1. Separate employment tables for both project sites have also been included.

2. Sample salary slips for employees at both sites have been provided and uploaded in the folder. Based on these submitted salary slips, the calculations have been carried out for both sites to estimate employee-related parameters.

Validation/Verification Team Assessment**Date:****29/04/2026**

1. The assessment team has reviewed the revised Monitoring report dated 28/04/2026, v2.0 and confirms that the total number of employees, along with the gender-wise breakdown, has been updated and is now consistent. The classification of employees into temporary, skilled, and unskilled categories has been appropriately provided under SDG Indicator 8.5.1. Additionally, separate employment tables for both project sites have been included.

2. The PD has provided sample of salary slips for employees at both sites; hence this part of the comment is closed.

CL is Closed.

Classification	☐ CAR ☒ CL/CR ☐ FAR	Number:	04
Raised by:	Mr. Vipul Jain	Document Reference	Monitoring report and ER sheet
Finding Description		Date:	21/04/2026
The PD shall clarify why the achieved values for electricity generation and estimated emissions are significantly lower than the estimated electricity generation values for the current monitoring period.			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2025
The values have been corrected in the revised MR, and the achieved electricity generation and estimated emissions are now aligned with the monitoring period.			
Validation/Verification Team Assessment		Date:	29/04/2026
The assessment team reviewed the revised ER sheet and confirmed that all values have been corrected to ensure consistency with the JMR. The PD has also updated the calculations in line with these corrected values. In addition, the PD revised the Monitoring Report, and the values were found to be consistent with the revised ER sheet. As a result, the achieved values and estimated emission values are now aligned with the monitoring period. Therefore, the CL is considered closed			

Classification	☐ CAR ☒ CL/CR ☐ FAR	Number:	05
Raised by:	Mr. Vipul Jain	Document Reference	Monitoring report
Finding Description		Date:	21/04/2026
Under Section B.1 of the Monitoring Report (version 1.0 dated 07/04/2026), it is stated that “the project activity is expected to operate at an annual average plant load factor of 27.40% (cumulative PLF), exporting 355,030 MWh of electrical energy annually to the regional grid of India throughout its entire lifespan of 25 years.”			
The PD shall clarify whether this statement refers to the entire project lifespan (25 years) or specifically to the crediting period, as in the above section it is mentioned throughout the crediting period			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2026
As per the approved PDD, the project lifespan is 25 years; however, emission reductions have been calculated only for the crediting period. The same has been clarified in the revised MR.			
Validation/Verification Team Assessment		Date:	29/04/2026
PD has revised the sentence and now it is found consistent by the assessment team. Hence CL is Closed.			

Classification	☐ CAR ☒ CL/CR ☐ FAR	Number:	06
Raised by:	Mr. Vipul Jain	Document Reference	ER sheet and JMR and Invoices
Finding Description		Date:	21/04/2026
- For both the sites, JMR and invoices for December 2025 and November 2025 found missing from the submitted documents. - In the ER sheet demonstration of SDG 8 and ex-ante has not been provided in separate sheet. PD to kindly review and revise the ER sheet.			

- In the ER sheet, values of the monthly electricity generation for both the sites found inconsistent with the submitted invoices. - JMR does not indicate import value of generation of electricity.		
Client/Responsible Party/Project Proponent Response	Date:	27/04/2026
- JMR and invoices for November 2025 and December 2025 for both sites have been uploaded in the respective folders. - A separate sheet for SDG 8 (including ex-ante values) has been added in the revised ER sheet. - The values in the ER sheet have been corrected and aligned with the submitted invoices. - The import value of electricity generation is mentioned in the JMR.		
Validation/Verification Team Assessment	Date:	29/04/2026
- PD has provided the JMR for December and November has been provided and found consistent. - PD has provided demonstration of the SDG 8 in the ER sheet, but the demonstration of the ex-ante has not been incorporated in the ER sheet. Hence, this part of the comment remains open. - PD has revised the ER sheet to correct the values of the generation but Invoices does not include the import electricity generation values. Hence this part of the comment remains open. - The assessment team reviewed the JMR and all the Electricity generation import values found consistent with the submitted JMR. Hence this part of the comment is now closed.		
Client/Responsible Party/Project Proponent Response	Date:	30/04/2026
- The ex-ante demonstration of SDG 8 has now been included in the ER sheet - The documents for import electricity generation values have been submitted.		
Validation/Verification Team Assessment	Date:	06/05/2026
PD and revised the ER sheet to include demonstration of SDG 8 and ex-ante and the demonstration has been found consistent and correct by the assessment team. PD has also provided document for the import values of electricity generation and values found consistent with the revised ER sheet. CL is Closed.		

Classification	☐ CAR	☒ CL/CR	☐ FAR	Number:	07
Raised by:	Mr. Vipul Jain			Document Reference	-
Finding Description				Date:	21/04/2026
In order to confirm any pending FAR from recent performance review/ Design review/Preliminary review. PP to submit copy of recently closed Sustain-Cert review report as these documents are missing in the submission.					
Client/Responsible Party/Project Proponent Response				Date:	27/04/2026
There are no pending FARs from the recent Performance Review, Design Review, or Preliminary Review. The relevant Sustain-Cert review documents has been submitted.					
Validation/Verification Team Assessment				Date:	29/04/2026
The assessment team reviewed the “Performance Review – Standalone Project Activity” form submitted by the project developer and confirms that no pending FARs from the recent Performance Review, Design Review, or Preliminary Review have been identified. Accordingly, the CL is considered closed.					

Classification	☒ CAR ☐ CL/CR ☐ FAR	Number:	01
Raised by:	Mr. Vipul Jain	Document Reference	
Finding Description		Date:	21/04/2026
PD to add appendix in the Monitoring report for “Shutdown details/major maintenance or disruption in power generation” and “Training Details”.			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2026
The appendix for shutdown details/major maintenance or disruption in power generation has been added as Appendix 2, and the training details have been included as Appendix 3 in the revised Monitoring Report.			
Validation/Verification Team Assessment		Date:	29/04/2026
PD has revised the Monitoring Report to include details of shutdowns, major maintenance, or disruptions in power generation, which have now been incorporated in Appendix 2, and has also included training details in Appendix 3 of the revised MR. Accordingly, the CAR is considered closed.			

Classification	☒ CAR ☐ CL/CR ☐ FAR	Number:	02
Raised by:	Mr. Vipul Jain	Document Reference	ER sheet and Monitoring report
Finding Description		Date:	21/04/2026
1. The values in the JMR is already in KWh. However, PD has converted the values in the ER sheet, which is not correct. PD needs to recheck the ER calculation sheet and update the values. 2. Calculation in the MR has been performed in 184 days, but in the current monitoring period total number of days covered are 365. PD to review and update the calculation.			
Client/Responsible Party/Project Proponent Response		Date:	27/04/2026
1. The ER calculation sheet has been revised and the incorrect conversion from kWh has been corrected. The values are now consistent with the JMR, and all related calculations have been updated accordingly in the revised ER sheet. 2. The ER calculation sheet has been corrected, and the calculations have been updated as per the correct monitoring period (365 days) in the revised MR.			
Validation/Verification Team Assessment		Date:	29/04/2026
1. The assessment team reviewed the revised ER sheet and noted that all values have now been corrected to maintain consistency with the JMR. The PD has also revised the calculations in accordance with these updated values. 2. The assessment team has reviewed the revised Monitoring Report and the updated ER calculation sheet. It is confirmed that the calculations have been corrected in accordance with the appropriate monitoring period of 365 days, and the revisions are consistently reflected across the documentation. Hence CAR is closed,			

Appendix 2: Abbreviations

ABBREVIATIONS	
ACM	Approved Consolidated Methodology
BM	Build Margin
CAR	Corrective Action Request
CER	Certified Emission Reduction
CL	Clarification Request
CM	Combined Margin
EF	Emission Factor
EIA	Environmental Impact Assessment
FAR	Forward Action Request
GHG	Greenhouse Gas(es)
GS4GG (or GS)	Gold Standard for Global Goals
IPCC	Intergovernmental Panel on Climate Change
MR	Monitoring Report
SDG	Sustainable Development Goal
TAC	Gold Standard Technical Advisory Committee
OM	Operational Margin
PDD	Project Design Document
PD	Project Developer
VVB	Validation and Verification Body
VVS	Validation and Verification Standard

Appendix 3: Calibration details of monitoring meters

Details of meter Calibration:

For 70 MW solar Malkapur site⁶:

S.No.	Meter Number	Type	Make	Accuracy class	Date of calibration	Due date ⁷
1	22004105	Main	L&T	0.2s	20/06/2022	19/06/2027
2	22004106	Check	L&T	0.2s	20/06/2022	19/06/2027

For 80 MW Arni site⁸:

S.No.	Meter Number	Type	Make	Accuracy class	Date of calibration	Due date
1	22001180	Main	L&T	0.2s	18/04/2022	17/04/2027
2	22001181	Check	L&T	0.2s	18/04/2022	17/04/2027

⁶ Commissioning date is 08/08/2022 so meter has been calibrated before the Commissioning.

⁷ As per PDD Calibration frequency is once in 5 years as per CEA guidelines

⁸ Commissioning date is 01/06/2022 so meter has been calibrated before the Commissioning.

Appendix 4: Audit Team CVs

Name	SHORT CV BACKGROUND INFORMATION
Mr. Pankaj Kumar	Pankaj Kumar is a seasoned Environment and Climate Change professional with over 19 years of experience in Climate Change Mitigation & Adaptation, Environmental Due Diligence, Disaster Risk Reduction, Climate Finance, and capacity building. As the Managing Director of Enviance Services Pvt. Ltd., Pankaj Kumar leads a validation and verification body for GHG projects and also providing consultancy services in various areas including Climate Adaptation, Mitigation, Sustainability, and more. Previously, Pankaj Kumar served as a Climate Adaptation Expert with Deloitte Touche Tohmatsu India LLP, contributing to the World Bank project on Asset Management, Institutional Effectiveness, and Road Safety in Bihar. Mr. Pankaj also led the Bihar team for the South Asia Climate Proofing and Growth Development (CPGD) – Climate Change Innovation Programme (CCIP), supported by DFID, which aimed to integrate climate change resilience into planning and budgeting across South Asia. With a strong background in environmental projects, Pankaj Kumar has worked with IL&FS Infrastructure Development Corporation and BUIDCO (Bihar Urban Infrastructure Development Corporation) as an Environmental Specialist for WB & ADB funded projects. Additionally, Pankaj has extensive experience in GHG project validation and verification, having led over 300 projects globally while with UNFCCC accredited DoEs and as an external expert for Gold Standard and Global Carbon Council. Mr. Pankaj is an accredited Lead Auditor, Validator, Verifier, and Technical Expert for multiple sectoral scopes by UNFCCC DoE and is on the roster of WASH experts of UNICEF. Mr. Pankaj's expertise spans across various standards including CDM, Verified Carbon Standard, Gold Standard, Global Carbon Council, Natural Forest Standard, Reverse and Social Carbon Standard.
Mr. Vipul Jain	Mr. Vipul Jain holds Bachelor of Technology from VIT University Vellore in 2020. He has gained valuable work experience as a site engineer at Light House Energy Developers, where he was employed from May 2020 to August 2022. Vipul holds an IRCA certification as an ISO 9001 Lead Auditor, demonstrating his expertise in quality management systems. He is well-versed in ISO 14064-1, ISO 14064-2, and ISO 14064-3, which are standards for greenhouse gas accounting and reporting. Furthermore, Vipul has received training in ISO 17029 and ISO 14065, highlighting his proficiency in environmental auditing and conformity assessment. He has also completed Clean Fuel Regulation training from Environment and Climate Change Canada, demonstrating his expertise in environmental management and sustainability. He is accredited as a Lead Auditor, Validator, Verifier, and Technical Expert for Sectoral Scope/Technical Area 1.2 by Enviance.

Mr. Prakhar Shastri	Mr. Prakhar Shastri , has done Bachelor of Technology in Electronic Communication Engineering from Medicaps University, Indore. Currently, He is working in Enviance Services Private Limited and has been involved in supporting Audit teams for Verifications of Project Activities (Renewable and non-Renewable projects) under various registries like GCC.
Ms. Ritu Singh	Ms. Ritu Singh has done Masters in Environmental Science from Central University of South Bihar, Gaya and bachelor of Science in Zoology from Magadh Mahila College, Patna University, India. She has done Masters' research focused on solid waste management during and post covid-19 pandemic and conducted a survey in Medical Colleges of Bihar to study the trends of waste management. She has more than 2 year working experience in True Quality Certifications Pvt. Ltd. (An outsource entity for LGAI Technological Center, S.A. (Spain) "Applus+ Certification") and has been involved in supporting Audit teams for Validation and Verifications of Project Activities (Renewable and non-Renewable projects) under CDM/VCS/GS4GG/GCC programs. Currently, Ritu is engaged as an internal resource with Enviance Services Private Limited, where she is accredited as a Lead Auditor, Validator, Verifier, and Technical Expert for Sectoral Scope/Technical Area 1.2 by Enviance.
Ms. Shehjar Kaul Sahib	Ms. Shehjar Kaul Sahib is a postgraduate in Environmental Management from the Forest Research Institute (FRI), Dehradun, with strong exposure to ESG, GHG accounting, sustainability reporting, and regulatory compliance. She possesses working knowledge of Scope 1, 2, and 3 emissions accounting, GHG inventory development, and assurance documentation aligned with ISO and GHG Protocol methodologies. Her expertise includes ESG and sustainability reporting frameworks such as GRI and BRSR, Environmental Impact Assessment (EIA), ISO 14001 Environmental Management Systems, and regulatory compliance. Through academic research, she has conducted socio-environmental impact assessments, evaluated climate vulnerability of endemic wildlife, and analyzed socio-economic dimensions of climate change. Her work demonstrates strong analytical, documentation, and audit-support skills with an understanding of governance and sustainability linkages. Certified in Carbon Accounting and ESG, Shehjar aims to contribute effectively to Climate Change & Sustainability Services (CCaSS) within an assurance and compliance-driven environment

Template Details

Document History

Date	Current Version	Revisions	Revised Version
19-10-22	1.0	First Issue	00
10-05-23	1.0	Revised as per IA NC closure	1.1
17-12-23	1.1	Logo Changed	1.2
10-07-25	1.3	Format Changed	1.3

Form name/no: F-05.16 Verification Report Template	Issue No: 01	Issue Date: 19-10-22
Effective from: 12-07-25	Revision Date: 10-07-25	Revision no: 03
Prepared by: Vidhya M	Approved by: Pankaj Kumar	Page 54 of 574