



RENEWABLE SOLAR POWER PROJECT BY ADANI GREEN ENERGY LIMITED



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Project title	Renewable Solar Power Project by Adani Green Energy Limited
Project ID	1815
Verification period	01-December-2021 to 31-October-2024 (Inclusive of both the dates)
Original date of issue	29-September-2025
Most recent date of issue	28-April-2026
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Summary:	
The main purpose of this project activity is to generate clean form of electricity through Solar power. Adani Green Energy Limited has set up a 990 MW solar power project in the state of Chhattisgarh, Karnataka, Maharashtra, Rajasthan and Uttar Pradesh states of India. The electricity generated from the project activity is supplied to the Indian electricity grid as per Power Purchase Agreement signed with the Adani Green Energy Limited. The electricity generated from the project activity sold to state electricity board via Unified Indian grid. The project is registered with VCS with Project ID 1815¹. Start date of the project activity is the 28-September-2017. On this day 20 MW solar project activity by Adani Green Energy (UP) Limited was commissioned. The monitoring period for this VCS verification is taken from 01-December-2021 to 31-October-2024 (including both days) and the project activity achieved 5,821,887 tCO₂e emission reductions during this monitoring period thereon displacing 6,144,473.60 MWh amount of electricity from the generation-mix of power plants connected to the NEWNE regional grid (now Indian Grid), which is mainly dominated by thermal/fossil fuel-based power plant. Thus, the VCS crediting period is 10 years. Project activity start date of crediting period is 28 September-2017 and 27- September-2027 is the end date of the crediting period.	

¹ Verra Search Page

A risk-based approach has been followed to perform this verification activity. In the course of verification, 07 Corrective Action request (CAR) and 06 Clarification Requests (CLs) were raised and successfully closed. No FAR was raised during this verification. The review of the Monitoring report and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and PP have provided TÜV SÜD South Asia Private Limited (TUV SUD) with sufficient evidence to verify the fulfilment of the stated criteria of VCS.

TÜV SÜD South Asia Private Limited has been appointed by “Adani Green Energy Ltd.” to perform the 5th periodic verification of the “RENEWABLE SOLAR POWER PROJECT BY ADANI GREEN ENERGY LIMITED” under VCS standard version 4.7 /B01/ and VCS program guide version 4.4 /B02/. The objective of this verification activity is to have an independent third party for the assessment of the project design and monitoring report to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements.

In particular:

- The project's baseline is assessed against “ACM0002 - Version 19”
- The project’s monitoring plan is assessed against “ACM0002 - Version 19”
- The projects compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS guide 4.4 /B02/ and standard version 4.7 /B01/
- VCS standard v 4.7 / B01/
- VCS program guide v 4.4 /B02/
- CDM validation and verification standard for project activities, Version 03 /B04/.

Verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of verified emission reductions (VCUs). The scope of the verification is the independent and objective review of the Monitoring report (MR). The MR is reviewed against the relevant criteria (see above) and decisions by the CDM Executive Board and VCS executive board, including the approved baseline and monitoring methodology. The verification was based on the guidance given in the CDM validation and verification standard for project activities, Version 03 / B04/, review against registered PD and Final Validation report /B05/ and VCS program guide v 4.4 / B02/ and standard version v 4.7 /B01/.

TÜV SÜD has performed verification service as per the requirements of VCS Standard Version 4.7 following the guidance of Validation and Verification Manual. Verification Team has used a risk-based approach to provide conformance with ISO 14064-3 and ISO 14065. The Verification Team has conducted an independent assessment of estimated and actual GHG statement of emission reductions and removals that have occurred because of the project implementation during this monitoring period to be materially correct and conform claim against the requirements of VCS Program rules and applied methodology.

The purpose of the verification is to review the monitoring results and verify that monitoring methodology was implemented according to monitoring plan and monitoring data, used to confirm the reductions in anthropogenic emissions by sources is sufficient, definitive, and presented in a concise and transparent manner. In particular, monitoring plan, monitoring report and the project’s compliance with relevant VCS, UNFCCC and host party criteria are verified in order to confirm that the project has been implemented in

accordance with previously registered design and conservative assumptions, as documented. Therefore, TÜV SÜD South Asia Private Limited can't be held liable by any party for decisions made or not made based on the verification opinion, which will go beyond that purpose.

The scope of the verification is:

- To verify the project implementation and operation with respect to the registered VCS Joint PD & MR and VCS rules and requirements.
- To verify the implemented monitoring plan with the registered VCS Joint PD & MR and applied UNFCCC baseline and monitoring methodology.
- To verify that the 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.
- To verify that reported GHG emission data is sufficiently supported by evidence.
- The verification shall ensure that the reported emission reductions are complete and accurate in order to be certified.
- The method and criteria used for validation and verification.

The assessment team has employed a risk-based approach to assess the completeness and accuracy of the claims and conservativeness of the assumptions in the MR. The focus of the assessment team is to identify the significant risks for the project implementation and the generation of VCU. The verification is not meant to provide any consulting towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the monitoring report combined. The verification Team has verified that the statement of historical data and information of the project to a reasonable level of assurance and ensures that the project meets the relevant materiality requirements (misrepresentation <5% for large scale project) through means of onsite assessment as per the audit criteria. The verification team has not identified any uncertainties which might impact GHG statement of emission reductions and removals as result of risk-based approach.

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1 INTRODUCTION

1.1 Objective

TÜV SÜD South Asia Private Limited has been appointed by “Adani Green Energy Limited” to perform the 5th periodic verification of the “Renewable Solar Power Project by Adani Green Energy Limited” under VCS standard version 4.7 /B01/ and guideline version 4.4 /B02/. The objective of this verification activity is to have an independent third party for the assessment of the project design, Monitoring report and Final Verification report and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements.

In particular:

- The project's baseline is assessed against “ACM0002 - Version 19”
- The project's monitoring plan is assessed against “ACM0002 - Version 19”
- The projects compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS guide 4.4 /B02/ and standard version 4.7 /B01/
- VCS standard v 4.7 / B01/
- VCS program guide v 4.4 /B02/
- CDM validation and verification standard for project activities, Version 03 /B04/.

Verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of verified emission reductions (VCUs).

1.2 Scope and Criteria

The verification scope of assessment is defined by the underlying to review the Monitoring Report, project design, the project's baseline study and monitoring plan and other relevant documents. The verification team has employed a risk-based approach in the validation, focusing on the identification of significant risks and reliability of project monitoring and generation of emission reductions. The verification is not meant to provide any consulting towards the project proponent. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the project design.

TUV SUD has engaged a risk-based approach in the verification, focusing on the identification of significant risks and reliability of project monitoring and generation of emission reductions.

- VCS Program Guide v4.4 (dated 29-August-2023)
- VCS Standard v4.7 (dated 16-April-2024)
- Program Definitions v4.5 (dated 16-April-2024)

- UNFCCC CDM methodology - ACM0002 ² Grid-connected electricity generation from renewable sources version 19.0.
- UNFCCC CDM Tool 07³ - Tool to calculate the emission factor for an electricity system, Version 7.0.
- UNFCCC CDM Tool 01⁴ - Tool for the demonstration and assessment of additionality, Version 7.0.
- Other relevant rules, including the host country legislation.

The scope of this verification, by independent checking of objective evidence, is as follows:

- To verify that the project is implemented as described in the MR.
- To confirm that the monitoring system is implemented and fully functional to generate voluntary emission reductions without any double counting.
- To establish that the data reported are accurate, complete, consistent, transparent, and free of material error or omission by checking the monitoring records and the emissions reduction calculation.
- 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.
- To verify that reported GHG emission data is sufficiently supported by evidence. The verification shall ensure that the reported emission reductions are complete and accurate in order to be certified.

1.3 Level of Assurance

TÜV SÜD South Asia Private Limited has planned and performed the verification by obtaining evidence and other information and explanations that assessment team considers necessary to give reasonable assurance that reported estimated GHG emission reductions are fairly stated. All documentary evidence was checked, a onsite audit was conducted and technical details and metering/monitoring arrangement verified through photos/certificate shared by PP to arrive at a verification conclusion by the assessment team.

In our opinion, the estimated GHG emissions reductions were calculated correctly on the basis of the approved baseline and monitoring methodology “ACM0002 - Version 19” and the VCS standard version 4.7 /B01/.

² <https://cdm.unfccc.int/UserManagement/FileStorage/58IAGB7SZUDE02VN6LYM30K41HFPRO>

³ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.0.pdf>

⁴ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-01-v7.0.0.0.pdf>

1.4 Summary Description of the Project

The project activity involves installation of solar power plant total generating capacity of 990 MW, at Chhattisgarh, Karnataka, Maharashtra, Rajasthan and Uttar Pradesh states in India. This project activity is with Adani Green Energy Limited as the project proponent, Adani Green Energy Limited acting as a parent company formed different SPV (Special Purpose Vehicles) and projects are developed by name of SPVs.

The electricity generated by the project is exported to the Unified Indian electricity grid. The project activity therefore displaced an equivalent amount of electricity which would generate by fossil fuel dominant electricity grid. Since Solar power is Greenhouse Gas (GHG) emissions free, the power generated prevents the anthropogenic gas emissions generated by fossil fuel based thermal power stations comprising coal, diesel, furnace oil and gas.

The project activity was commissioned on 28-September-2017, which is the date of first phase (20 MW by Adani Green Energy (UP) limited) of project was commissioned and have been operational since then.

Assessment team confirms following during the verification Onsite and Remote audit:

1. Start date of the project activity is 28-September-2017 as mentioned in the registered VCS Joint PDMR /BO6/ & MR /01/.
2. An undertaking letter dated 25-june-2025 has been submitted by PP for double counting with any other GHG program. PP also has given a written Declaration /03/ that project has not claimed other form of GHG credit for the concerned monitoring period. Assessment team also checked that the projects are not registered under the REC mechanism of India and the same can be cross-checked at <https://recregistryindia.nic.in>. PP has given a written Declaration /03/ that the credit claimed under VCS for the current monitoring period is not claimed under any other GHG mechanism.
3. The assessment team confirms that this is the 5th monitoring under VCS and covers the activity from 01-December-2021 to 31-October-2024 (Inclusive of both the dates). The Crediting Period of the project activity is from 28-September-2017 to 27- September - 2027 which will be renewed twice.
4. Start date of crediting period for VCS verification: 28-September-2017 (Date of commissioning of plant)
5. The GHG credits from 01-January-2021 to 30-November-2021 will be claimed under VCS only. At any point of time during the crediting period, the project proponent will abide by the "Double Counting".

6. The quantified Emission reduction/02/ calculation for the monitoring period is correct and conservative. Assessment team also compared actual VCUs with the estimated VER and found that the actual VER (5,821,887 tCO₂e) is 28.36% higher than the estimated emission reduction (4,535,672 tCO₂e) which is due to natural phenomena and higher PLF which cannot be controlled by the Project Proponent. Further, PP has demonstrated the achieved PLF from each plant and found that PLF achieved during the current monitoring period is lower than the breaching point mentioned in the registered Joint PDMR /B06/ & MR /01/for each site of project activity. Verification team observed the same is correct and does not breach the additionality. hence accepted.

Following are the SPV's in this project: -

Name of SPVs	Capacity (in MW)		Village(s)	Tehsil Mandal /	District	State	Latitude (°N)	Longitude (°E)	Date of Commissioning
Parampujya Solar Energy Private Limited	100	40	Rani & Bundeli	-	Dhamdha	Chhattisgarh	21° 31' 19.20"	81° 12' 03.60"	16 th Dec 2017
		10							8 th March 2018
		40							14 th Dec 2017
		10							8 th March 2018
	20 MW		Kilaj	Tuljapur	Osmanabad	Maharashtra	17° 56' 38.40"	76° 16' 15.60"	22 nd Feb 2018
	100 MW		Thirumani , Rayacherlu, Vallur, Balasamudra	Pavagada	Tumkur	Karnataka	14° 15' 29.39" 14° 14' 06.70"	77° 29' 14.68" 77° 27' 12.76"	15 th Dec 2017
	20 MW			Yelburga	Koppal	Karnataka	15° 34' 05.05"	76° 02' 02.90"	8 th March 2018

	20 MW	Kallur, Balgera & Kudgunti						30-April-2018
	50 MW	Thirumani, Rayacherlu, Vallur, Balasamudra	Pavagada	Tumkur	Karnataka	14° 14' 45.60"	77° 27' 03.60"	3 rd Jan 2018
Wardha Solar (Maharashtra) Private Limited	100 MW	Madhuva nahalli	Kollegal	Chamarajnagar	Karnataka	12° 07' 46 N"	77° 12' 14 E"	12 th Feb 2018
	50 MW	Maskal	Aurad	Bidar	Karnataka	18° 11' 4.62"	77° 24' 53.02"	27 th Feb 2018
	40 MW	Nalwar	Chittapura	Kalaburagi	Karnataka	16° 55' 57.28"	76° 59' 34.58"	26 th Feb 2018
	50 MW	Rajeshwar & Handral	Basavakalyana	Bidar	Karnataka	17° 47' 30.96"	77° 1' 5.07"	29 th Jan 2018
	50 MW	Hattigudur & Bommanahalli	Shahapur	Yadgir	Karnataka	18° 11' 4.62"	77° 18' 53.02"	14 th Feb 2018
	50 MW	Yatnal	Vijayapura	Vijayapura	Karnataka	18° 10' 4.62"	77° 24' 53.02"	17 th Dec 2017

	10 MW	Kallur, Balgera & Kudgunti	Yelburga	Koppal	Karnataka	18° 20' 4.62"	77° 16' 53.02"	8 th March 2018
Kodangal Solar Parks Private Limited	20 MW	Hebbal	Bagewadi	Vijayapur	Karnataka	16° 27' 25.20"	75° 56' 52.80"	5 th Jan 2018
Prayatna Developers Private Limited	10 MW	Kanasar	Bap	Jodhpur	Rajasthan	27° 26' 39.31"	71° 58' 1.75"	29 th Sept 2017
	10 MW							11-Oct- 2017
Adani Green Energy (UP) Limited	20 MW	Kadaram andalagi	Byadagi	Haveri	Karnataka	12° 13' 51.70"	77° 03' 38.50"	30 th Jan- 2018
	20 MW	Guddeho sur	Chanapatan a	Ramanagara	Karnataka	14° 41' 48.21"	75° 29' 18.78"	2 nd March 2018
	20 MW	Talekopp a	Gubbi	Tumkur	Karnataka	12° 49' 54.48"	76° 12' 50.63"	9 th March 2018
	20 MW	Chikkahal li	Holenarasip ura	Hassan	Karnataka	13° 16' 57.95"	76° 25' 17.47"	13 th Oct 2017
	20 MW	-	Jewargi	Kalaburagi	Karnataka	12° 50' 16.89"	77° 58' 58.70"	18 th Nov 2017
	20 MW	-	K. R. Pet	Mandya	Karnataka	12° 37' 12.03"	77° 07' 40.37"	22 nd Dec 2017

	20 MW	Thirthbandathi	Malur	Kolar	Karnataka	12° 40' 48.0"	76° 35' 42.0"	18 th Oct 2017
	20 MW	Gejjaraguppe	Magadi	Ramanagara	Karnataka	12° 25' 48.0"	76° 11' 02.40"	8 th Jan 2018
	20 MW	Kalkare	Periyapatna	Mysuru	Karnataka	16° 49' 01.20"	76° 33' 00.00"	28 th Sept 2017
	20 MW	Chikkasulikere	Ramanagara	Ramanagara	Karnataka	13° 00' 54.00"	77° 13' 30.0"	28 th March 2018
	20 MW	Akkur	T.Narasipura	Mysuru	Karnataka	12° 48' 18.0"	77° 09' 25.20"	2 nd Oct 2017
	20 MW	Vederahalli & Rettanahalli	Tiptur	Tumakuru	Karnataka	13° 24' 43.20"	76° 45' 36.0"	27 th Jan 2018
Adani Green Energy (UP) Limited	50 MW		Badanpur	-	Jhansi	25° 22' 02.31"	78° 18' 30.01"	10 th May 2019

2 VERIFICATION PROCESS

2.1 Method and Criteria

Verification Process

The project assessment is based on the “CDM validation and verification standard for project activities, Version 03 /B04/ and “VCS standard v4.7 /B01/ and VCS Program Guide version 4.4 /B02/” and is conducted using standard auditing techniques to assess the correctness of the information provided by the project participants. Before the assessment begins, members of the team covering the technical scope(s), sectoral scope(s), and relevant host country experience for evaluating the VCS project activity are appointed.

Once the project is received by the assessment team, the members of the assessment team carried out: -

1. A desk review of the Monitoring report against the registered Joint PDMR /B06/ and final Validation report /B05/.
2. Follow-up interviews with project participant.
3. The resolution of outstanding issues and the issuance of the final verification report/4/ and opinion.

The prepared verification report /04/ and other supporting documents then undergo an internal quality control at the HQ (Accredited office) before being submitted to the VCS executive board.

In order to ensure transparency, assumptions must be clear and stated explicitly, and background material must also be referenced. TÜV SÜD South Asia Private Limited has developed a specific checklist customized for the project. The checklist demonstrates, in a transparent manner, the project criteria (requirements), discussion on each criterion by the assessment team, and the results from validating the identified criteria.

Appointment of the assessment team

According to the sectoral scope / technical area and experience in the sectoral scope, TÜV SÜD South Asia Private Limited composed a project assessment team in accordance with the appointment rules in the internal Quality Management System of TÜV SÜD South Asia Private Limited.

The composition of audit team shall be approved by the TÜV SÜD South Asia Private Limited ensuring that the required skills are covered by the team.

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

- Assessment Team Leader
- Verifier
- Technical Expert
- Technical Reviewer

The competency of the assessment team is provided below in this report as Appendix 3.

Document review

The Monitoring report version 01 /01/ submitted by the PP was reviewed against the approved methodology, registered Joint PDMR /B06/, final Validation report/B05/ and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information. Furthermore, a cross-check between information provided and information from other sources has been done. A complete list of all documents and evidence material reviewed is included in this report below in Appendix 1.

Follow-up interviews

The onsite audit is conducted by TÜV SÜD South Asia Private Limited. Audit team performed interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. The detail is provided in this report.

Resolution of Clarification and Corrective Action Request

The objective of this phase of the Verification was to resolve the requests for corrective actions and clarification and any other outstanding issues which need to be clarified for TÜV SÜD South Asia Private Limited positive conclusion on the Monitoring report. The Corrective Action Requests and Clarification Requests raised by TÜV SÜD South Asia Private Limited were resolved during communications between the Client and TÜV SÜD South Asia Private Limited to guarantee the transparency of the verification process, the concerns raised, and responses given are summarized below in the appendix 2 of this report.

The final MR Version 02 /11/ submitted by PP serves as the basis for the final assessment presented. Additional changes to the project during the verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Internal quality control

Internal quality control within the team is assured by means of a technical review process that takes place after the off-site assessment and after closure of findings. The internal quality control in the verification process is given by the final decision (Verification and Certification Conclusion) made by the CB “Environment and Energy”.

2.2 Document Review

The details of the document observed during the verification process are listed below in Appendix 1 of this report

2.3 Interviews

The names of the persons interviewed during on-site audit are given below in Table 1.

Table 1: Summary of on-site interviews under the scope of verification

S.No.	Interviewee			Date of Interview	Subject / Topic	Assessment Team Member
	Last name	First Name	Affiliation			
1.	T	Vinay	Associate Manager-Adani green energy	08-july-2025	Project implementation, Date reporting and review	Mr. Srinivasan Selvaraj
2.	V.V	Harikrishna	Senior engineer-Adani green energy		Project implementation and operation	
3.	E	Anjaneyulu	Deputy Manager-Adani green energy		Project implementation and operation	
4.	T. S	Ravikumar	Tech-Adani green energy		Project implementation and operation	
5.	Pedda	Basha	Manager - Adani green energy	09-july-2025	Project implementation and operation	

6.	M	Rangarajan	Deputy manager- Adani green energy		Project implementation and operation	
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2.4 Site Visits

A combined remote and on-site audit were conducted for the project activity from 07-July-2025 to 11-july-2025. Technical details & metering/monitoring arrangement were verified through onsite photographs /05/ and Calibration Certificates /06/ shared by PP. All the documents were cross checked to ensure conservative estimation of Emission reduction/02/.

Date	Site	Remote/Onsite	Name of SPV
07-July-2025	100 MW Rani & Bundeli, Chattisgarh	Remote	Parampujya Solar Energy Private Limited
	20 MW Kilaj, Osmanabad, Maharastra	Remote	Parampujya Solar Energy Private Limited
08-July-2025	100 MW Thirumani, Rayacherlu, Vallur, Balasamudra, Pavagada, Tumkur, Karnataka	On-site	Parampujya Solar Energy Private Limited
	50 MW, Thirumani, Rayacherlu, Vallur, Balasamudra, Pavagada, Tumkur, Karnataka	On-site	Parampujya Solar Energy Private Limited
09-July-2025	100 MW Madhuvanahalli, Chamrajnagar	On-site	Wardha Solar (Maharashtra) Private Limited
	20 MW K.R.Pet, Mandya	On-site	Adani Green Energy (UP) Limited
10-July-2025	20 MW, Hebbal, Vijayapur	Remote	Kodangal Solar Parks Private Limited
11-July-2025	20 MW Jodhpur, Rajasthan	Remote	Prayatna Developers Private Limited

11-July-2025	50 MW, Badanpur, Jhansi, Uttarpradesh	Remote	Adani Green Energy (UP) Limited
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During the site audit, the PP representatives were questioned about the implementation of the project activity. Several topics like the verification of commissioning date of meters, the generation, recording, and monitoring of the data and the error accountability were discussed. To cross check the information provided by PP, various documents like technical specifications /10/, commissioning certificates/07/, Power Purchase Agreement (PPA) /08/, Invoices and JMR sheets /09/, Calibration Certificates /06/ etc. were also verified.

2.5 Resolution of Findings

The objective of this phase of the Verification was to resolve the requests for corrective actions and clarification and any other outstanding issues from validation which need to be clarified for TÜV SÜD South Asia Private Limited positive conclusion on the Monitoring report. The Corrective Action Requests and Clarification Requests raised by TÜV SÜD South Asia Private Limited were resolved during communications between the Client and TÜV SÜD South Asia Private Limited to guarantee the transparency of the verification process, the concerns raised, and responses given are summarized below in the appendix 2.

The final MR Version 02/11/ submitted by PP serves as the basis for the final assessment presented. Additional changes to the project during the verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Corrective Action Requests (CAR) are issued, where:

- Mistakes have been made with a direct influence on project results requiring adjustments of the VCUs in monitoring report.
- Applicable methodological specific requirements have not been met.

A Clarification Request (CL) are used where additional information is needed to fully clarify an issue or where the information is not transparent enough to establish whether a requirement is met.

A Forward Action Request (FAR) has been issued, where:

- The actual project monitoring and reporting practices requires attention and /or adjustment for the consecutive verification period, or
- An adjustment of the MP is recommended.

In the context of FARs, risks have been identified, which may endanger the delivery of high-quality GHG removals in the future, i.e., by deviations from standard procedures as defined by the MP. Therefore, such aspects should receive a special focus during the consecutive verification. A FAR may originate from lack of data sustaining claimed GHG removals.

A total of 06 Clarification requests (CLs), 07 Corrective action requests (CARs) and 00 Forward action request (FARs) were raised during the verification which are now satisfactorily closed.

2.5.1 Forward Action Requests

This is 5th periodic verification of the project activity and no FAR has been raised from validation, previous verification and during this verification.

2.6 Eligibility for Validation Activities

This is 5th periodic verification of the project activity starting from 01-December-2021 to 31-October-2024 (Inclusive of both the dates). Hence this section is not applicable.

3 VALIDATION FINDINGS

3.1 Methodology Deviations

PP has not requested any deviation related to methodology. Thus, this section is not applicable for present verification.

3.2 Project Description Deviations

Not applicable as no deviation in project description observed during this monitoring period.

3.3 New Project Activity Instances in Grouped Projects

The project is not a grouped project - thus not applicable.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes

☒ No

4 VERIFICATION FINDINGS

4.1 Project Details

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
Audit history	Validation: Validation of the VCS project activity was performed by LGAI Technological Center S.A. for the crediting period starting from 28-September-2017 to 27-September-2027 (10 years). Verification team has checked the available validation report ID 11918 version 02, issued on dated 05-February-2019 /B05/ and registered VCS Joint PDMR version 02, dated 11-January-2019 /B06/ from the VERRA website⁵. The on-site audit of the project was done from 25/12/2018 to 27/12/2018. Verification team confirmed through above evidence that Validation of project was performed by the LGAI Technological Center S.A. 1st Verification: The 1st verification on-site audit was performed from 25/12/2018 to 27/12/2018 for the monitoring period 28-September-2017 to 30-September-2018 (1 year, 3 days) by LGAI Technological Center S.A. as per the evidence of joint validation and verification report ID: 11918 version 02, issued on dated 05-February-2019 /B05/ downloaded from the project web page of VERRA website - Refer footnote 5. 2nd Verification: The 2nd verification on-site audit was performed from 17/03/2020 to 21/03/2020 for the monitoring period 01-October-2018 to 31-December-2019 (1 year, 3 months) by Earthhood Services Private Limited as per the evidence of verification report ID: VCS.VER 20.35 version 01, issued on dated 22-May-2020 /B07/ downloaded from the project web page of VERRA website - Refer footnote 5.

⁵ <https://registry.verra.org/app/projectDetail/VCS/1815>

	3rd Verification: The 3rd verification was performed by remote audit on 10/05/2021 for the monitoring period 01-January-2020 to 31-December-2020 (1 year) by LGAI Technological Center S.A. as per the evidence of verification report ID: 6621 version 03, issued on dated 09-August-2021 /B08/ downloaded from the project web page of VERRA website - Refer footnote 5. 4th Verification: The 4th verification was performed by remote audit on 15-february-2022 for the monitoring period 01-January-2021 to 30-November-2021 (11 months) by LGAI Technological Center S.A. as per the evidence of verification report ID: A+SH_SYST_TQC_VCS_VER_1322 version 03, issued on dated 27-July-2022 /B08/ downloaded from the project web page of VERRA website - Refer footnote 5. 5th Verification: The 5th verification site audit was performed from 07-July 2025 to 11-July-2025 for the monitoring period 01-December-2021 to 31-October-2024 (2 years 11 months) by TUV SUD South Asia Pvt. Ltd as per the verification report ID: ET-007369 version 01, issued on dated 28/10/2025 /04/.
Double counting and participation under other GHG programs	The project activity is not registered under any other GHG programs other than VCS program. Verification team checked independently other registries such as: • https://cdm.unfccc.int • https://registry.goldstandard.org/projects?q=&page=1 • https://www.globalcarboncouncil.com/ VVB confirmed that project is not participating in GHG programs other than VCS program. Verification team also checked that the project is not registered under the REC mechanism of India and the same can be cross-checked at https://www.recregistryindia.nic.in/index.php/publics/registered_regens. Also, International REC (I-REC) registry (https://evident.services/device-register) is cross-checked and found that this project is not under I-REC as well. Thus, double counting for the current monitoring period is ruled out. Verification team further confirms that project activity not rejected by any other GHG program,

No double claiming with emissions trading programs or binding emission limits	The project activity is not participating in other emission trading programs or binding emission limits as confirmed in declaration submitted by the project proponent. VVB confirms that project activity not included in ET program and not used for compliance with an emission trading program or to meet binding limits on GHG emissions. Project Proponent has submitted a declaration dated: 25-june -2025 for no double counting /03/ with any other GHG program. VVB confirms that project activity not included in ET program and not used for compliance with an emission trading program or to meet binding limits on GHG emissions. PP also declared that that the credit claimed under VCS for the current monitoring period is not claimed under any other GHG mechanism.
No double claiming with other forms of environmental credit	The verification team verified that; the project activity is registered under VCS program only (VCS ID 1815). The verification team has checked through google confirmed that project is not registered in any other forms of environmental credit. Project Proponent has also confirmed the same in the declaration dated: 25-june-2025 /03/, confirming no double counting with any other GHG program. PP confirmed that The GHG credits from 01-December-2021 to 31-October-2024 will be claimed under VCS only. At any point of time during the crediting period, the project proponent will abide by the “No Double Counting.
Supply chain (scope 3) emissions double claiming	The project activity is solar energy-based project developed by project proponent EKI Energy Services Limited. The project a basic objective of the project is to generate electricity and supply to Indian grid. The project activity was implemented on barren land, there is no emissions footprint change due to implementation of project activity. The project activity is not a part of supply chain. Hence, there is no possibility for double claim.

Sustainable development contributions	The Project activity is claiming SDG 7, SDG 8, & SDG 13. The same is described in Section 1.12 of VCS MR /11/. VVB confirmed that the project implementation has led in contribution to SDG 07, 08 and SDG 13. The project supplies clean, affordable and renewable energy (6,144,473.60 MWh net electricity under the monitoring period) without reliance on fossil fuels for generation of electricity to meet the growing demands in the region. The generated electricity avoided release of 5,821,887 tCO₂e into the atmosphere. PP has provided total 20 computer-related training to the employee's during the current monitoring period as verified from the training attendance sheet submitted by PP. Hence, the verification team confirms that the requirements set out in VCS standard 4.7 section 3.17 has been successfully met by the project activity.
Additional information relevant to the project	- Commercially sensitive information: - No commercially sensitive information has been excluded from the public version of the project description. - The project activity is not a grouped project, hence not applicable to the project activity. - VVB team conclude that the proposed project activity is eligible to register under VERRA registry and all calculation related to emission reduction are found correct. Thus accepted.

4.2 Safeguards and Stakeholder Engagement

4.2.1 Stakeholder Identification

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Stakeholder identification	The local stakeholder consultation was conducted on dated_15-march-2015, prior to validation of project activity, as verified from the minutes of meetings and validation report of the project activity. Project proponent has identified the following stakeholders this project activity by analysing the beneficiaries /people who are directly affected in daily life by the project activity, impact of local/regional/provincial/national government policies in implementation and operation of the project activity, other groups having social/political influences in the project location. 1. Gram panchayat Representatives

	2. Local Villagers 3. Civil contractors 4. AGEL employees 5. Representatives from the local pollution control board Verification team checked the Invitation letters dated from 08-march-2016 to 08-june-2016 /12/ and minutes of the meeting of local stakeholders including attendance sheet and found that Stakeholder identification appropriate.
Legal or customary tenure/access rights	Verification team confirms that there are no legal or customary tenure/access rights to territories and resources, including collective and conflicting rights held by stakeholders, indigenous people (Ips), Local communities (LCs), and customary rights holders with regards to the project and confirmed during the interview with PP. The project is solar energy generation, and it is established on the project proponent's land. During the on-site verification it was found that the local stakeholders, employees have access to the project site and access to the resources (as per their designation/work profile). Local community members have access to project site if they want to share any VCS Project feedback/grievance about the project activity (implementation and operation)/ Local NGOs/representatives from media are welcome to the project with prior appointment. Local/provincial/national government officials can also visit the project for any inspection regarding compliance to the regulations or any other purpose as required by the government.
Stakeholder diversity and changes over time	Stakeholders identified for this project activity are diverse in nature – in terms of socio-economic status, age and gender wise and the diversity is unlikely to change over time. The verification team reviewed the minutes of meeting of stakeholder /13/ and confirmed that stakeholders identified for this project activity are diverse in nature – in terms of socio-economic status, age and gender wise and the diversity is unlikely to change over time.
Expected changes in well-being	The representative of Project proponent during the on-site audit confirmed the following expected changes in well-being: Social well-being: The project helped in generating employment opportunities during the construction and operation phases. The project activity leads development of infrastructure like roads, livelihood and promotes small scale business with improved power generation. Verification team confirmed the same through interview with PP representative.

	Economic well-being: The project activity creates local employment generation which helps economic well-being of local people provided as confirmed during the interview employments to the local peoples during the construction and operation of project as confirmed during the interview with the project staff thus economic well beings is observed. Environmental well-being: Solar being a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the Project activity also helps in avoiding significant amount of GHG emissions as verified from the emission reduction calculation sheet. During the current monitoring period, the project activity has reduced 5,821,887 tCO_{2e}.
Location of stakeholders	Chhattisgarh, Maharashtra, Karnataka, Rajasthan and Uttar Pradesh
Location of resources	This is solar energy generation project, thus no natural resource utilization involved. Hence, not applicable.

4.2.2 Stakeholder Consultation and Ongoing Communication

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Ongoing consultation	Project Proponent has submitted the feedback / grievance register /14/ kept at site for the ongoing communication with the local stakeholder. VVB confirmed that at the project site. In plant site office seeking complaints/grievances from local community as a part of ongoing communication with stakeholders in line with clause 3.18.3 of VCS Standard, v.4.7
Date(s) of stakeholder consultation	15-March-2015 (Initial LSC conducted at the time of registration). The same has been verified with the evidence “Minutes of Stakeholder Meeting” /13/.
Communication of monitored results	Verification team has checked the minutes of the minutes of meeting and confirmed that the stakeholder consultation meeting was focused towards making aware local stakeholders including local community, local administration representatives, NGOs working for environmental cause etc., about the project activity that involves electricity generation using Solar produced by Solar plant with the primary objective of reducing emissions of GHGs in compared to pre-project or

	baseline scenario. The monitoring results are communicated from the concerned individuals (stakeholders) to PP, through the grievance register. The site officials acknowledge and address the comments, suggestions, or grievances submitted by stakeholders, resolving issues as needed.
Consultation records	Verification team checked minutes of stakeholders meeting, Invitation Letter, feedback/grievance register submitted by project proponent.
Stakeholder input	The project proponent has considered suggestions and opinions of stakeholders. Verification team checked the minutes of the meeting of stakeholder consultation during registration, the feedback/comments received from stakeholders which are quite positive and no negative comments were received.

4.2.3 Free, Prior, and Informed Consent

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Consent	The verification team has reviewed the EIA notification ⁶ and confirmed that solar power generation projects are not listed in any of the categories of the schedules. Thus, environmental impact assessment (EIA) is not required. Further, in accordance with the notification no B29012/ESS(CPA)/2015-16/ dated 07-March-2016 of Central pollution control board ⁷ “Final list of white Category Industries” the project activity falls in white category so there is no requirement of NOC or permission from Pollution control Board. Moreover, project participant has obtained No Objection Certificates from the villagers to operate the solar power plant.
Outcome of FPIC discussion	The project activity is under 5 th verification. These aspects have been covered under validation. However, project proponent has submitted No Objection Certificates from the villagers to operate the solar power plant. During the on-site visit it was confirmed by the verification team that the project activity is adhering to the FPIC rights of the stakeholders. They were informed in advance regarding the implementation, the overall impacts and other relevant details of the project activity, through the stakeholders’ consultation. The project

⁶ environmentclearance.nic.in/report/EIA_Notifications.aspx

⁷ CPCBCategorizationdirection-w-category.pdf

has not encroached on land, relocated people without consent, and forced physical or economic displacement.

4.2.4 Grievance Redress Procedure

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Grievance received and steps taken to resolve the grievance including the outcomes of the resolution	PP has placed feedback cum grievance registered at site, The copy of the same is provide to verification tea. Verification team has checked the feedback cum grievance register/15/ submitted by project proponent and found that no grievance/feedback recorded in grievance register during the current monitoring period Thus, no resolution of grievance is required. Verification team concludes that that the ongoing stakeholder mechanism is adequate and appropriate.
Grievance redress procedure	Grievance redressal mechanism is established as per registered VCS Joint PDMR and local law. PP has placed grievance cum feedback register at project site for registering grievances if any related to the project activity by the stakeholder Assessment team checked the same with the evidence of grievance register submitted to VVB. The same was also confirmed during interview with PP representative and found appropriate during remote audit Stakeholders' feedback is monitored daily. Thus, verification team concludes grievances redressal pressure is appropriate.

4.2.5 Public Comments

Comments received	Actions taken by the project proponent	Evidence gathering activities, evidence checked, and assessment conclusion
No comments received	No comments received. Thus, not applicable.	This is verification of the project. The expected comment is from the local stakeholder only. Verification team checked the feedback cum grievance register and confirmed that no grievance/feedback was received during the current monitoring period. Thus, verification team is of the opinion that the ongoing stakeholder mechanism is adequate and appropriate

4.2.6 Risks to Local Stakeholders and the Environment

4.2.6.1 Management Experience

During the on-site visit it was found by the verification team that the HR team is responsible for managing human rights and labour aspects, ensuring alignment with the company's discrimination and sexual harassment related policy. Assessment team has checked the HR policy and through interview with PP representative/Project staff. It was also found that PP has dedicated management team for the seamless operation of the project activity. The team consists of the members, having knowledge of their relevant fields and who work closely with local communities and government agencies.

4.2.6.2 Risk Assessment

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Natural and human induced risks to stakeholders' wellbeing	Stakeholder meeting was conducted during the validation stage of the project activity. There is no separate stakeholder consultation for the current verification other than ongoing communication with the stakeholders. Verification team has checked feedback registered and found that there is no risk to stakeholder for registering the grievances. It was found that local stakeholders can anytime lodge their grievances if any in the register over the operational lifetime of the project. Moreover, during current monitoring period no grievance was received.
Risks to stakeholder participation	No risk to stakeholder participation is anticipated. Hence, No mitigation or preventive measure is required.
Working conditions	No risk identified. However, PP has implemented the Environment Health and Safety (EHS) policy /15/.
Safety of women and girls	No risk identified. However, PP has implemented the POSH/16/ and CSR policy/17/.
Safety of minority and marginalized groups, including children	No risk identified. However, PP has implemented the CSR /17/ and EHS policy /15/.

Pollutants (air, noise, discharges to water, generation and release of hazardous materials and chemical pesticides and fertilizers)	No risk identified. However, PP has implemented the Environment, Health and Safety Policy/15/.
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4.2.7 Respect for Human Rights and Equity

4.2.7.1 Labor and Work

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Discrimination	PP representative confirmed during the on-site audit that there has been no reports of discrimination or sexual harassment for this monitoring period. The same has been confirmed from the employees working at site along with HR policy of the company.
Sexual harassment	During the on-site audit, representative of the PP confirmed that the national law prohibiting the discrimination and sexual harassment ⁸ is being followed strictly. Further, verification team did not find any complain regarding the same in grievance registered and through independent search. Also, PP has implemented “Policy on Prevention of Sexual Harassment”/16/.
Gender equity in labor and work	PP provides equal opportunities in the context of gender equity and pay for labour and work as confirmed during the remote audit by the PP representatives. The same has been confirmed from the HR policy /18/.
Forced labor	The PP strictly follows the national laws prohibiting human trafficking, forced labor and child labor. There have been no reports of human trafficking, forced labor and child labor during this monitoring period as observed during the remote audit and confirmed through interview with project staff. PP has provided declaration that project activity does not use victims of human trafficking /19/.

⁸ The Sexual Harassment Of Women At Workplace (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013 ACT NO. 14 OF 2013, Dated 22-April-2013

Child labor	The PP strictly follows the national laws prohibiting human trafficking, forced labor and child labor. There have been no reports of human trafficking, forced labor and child labor during this monitoring period as observed during the remote audit and confirmed through interview with project staff. PP has provided declaration that project activity does not use victims of human trafficking /19/.
Human trafficking	The PP strictly follows the national laws prohibiting human trafficking, forced labor and child labor. There have been no reports of human trafficking, forced labor and child labor during this monitoring period as observed during the remote audit and confirmed through interview with project staff. PP has provided declaration that project activity does not use victims of human trafficking /19/.

4.2.7.2 Human Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
Human Rights	Project Proponent following the International human rights law ⁹ , the UNDRIP ¹⁰ and ILO Convention 169 - There are no human rights violation of any kind to any of the stakeholders during construction and operation of the project activity. The project is a solar project activity which is implemented without cultural or social biases, safeguarding the rights of IPs, LCs, and customary rights holders to be free from discrimination. The same was confirmed through HR policy of the company and also checked by interviewing project staff and declaration by the PP in the monitoring report.

4.2.7.3 Indigenous Peoples and Cultural Heritage

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
Preservation and protection of cultural heritage	The project activity is Implemented on barren land. Hence, no tangible cultural heritage has been hampered for the project activity. There is no indigenous and cultural heritage near the project PP as observed at site as verified through on-site photographs and plant videos shared by the PP and search through google search engine.

⁹ <https://www.ohchr.org/sites/default/files/Documents/Publications/fs9Rev.2.pdf>

¹⁰ [UNDRIP_E_web.pdf](#)

4.2.7.4 Property Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
Disputes over rights to territories and resources	The project is implemented on land purchased by PP as per evidence of land purchase records /20/. Thus, not applicable.
Respect for property rights	The land is owned by project proponent as verified from the land purchase records /20/. Thus, not applicable.

4.2.7.5 Benefit Sharing

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Summary of the benefit sharing plan	Since the benefits of the carbon credit lies with the project proponent. Hence, not applicable.
Benefit sharing during the monitoring period	Since PP is the sole owner of the revenue generated from the project activity, hence not applicable

4.2.8 Ecosystem Health

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Impacts on biodiversity and ecosystems	No risk identifies. No impact on biodiversity is likely to be caused as observed by the VVB.
Soil degradation and soil erosion	No risk identifies. No soil erosion and degradation are likely to be caused as project is implemented on barren land.
Water consumption and stress	No risk identifies. Water consumption will be of moderate level and hence stress is not likely to be caused.

4.2.8.1 Rare, Threatened, and Endangered species

Item	Evidence gathering activities, evidence checked, and assessment conclusion
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Species or habitat	The project activity is implemented on a barren land and no species or habitats have been harmed during the installation and operation of the project activity. There are no negative impacts on rare, threatened, or endangered species found. Hence, not applicable.
Areas needed for habitat connectivity	No risk identified. The project has not adversely impacted areas needed for habitat connectivity during the monitoring period.

Evidence gathering activities, evidence checked, and assessment conclusion	
Habitats for rare, threatened, and endangered species	Project participant has been declared that project has not areas needed for habitat connectivity for rare, threatened, or endangered species during the monitoring period.
Areas for habitat connectivity	The project has not adversely impacted areas needed for habitat connectivity during the monitoring period.

4.2.8.2 Introduction of Species

Species introduced	Evidence gathering activities, evidence checked, and assessment conclusion
Not Applicable	Not Applicable

Existing invasive species	Evidence gathering activities, evidence checked, and assessment conclusion
Not Applicable	Not Applicable

Evidence gathering activities, evidence checked, and assessment conclusion	
Invasive species	Not Applicable

4.2.8.3 Ecosystem conversion

Item	Evidence gathering activities and evidence checked
Ecosystem conversion	The project activity is not ARR, ALM, WRC or ACoGS project hence it is not applicable,

4.3 Accuracy of Reduction and Removal Calculations

Means of verification	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the VCS joint PDMR /B06/. The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the monitoring plan of the VCS joint PDMR /B06/.
Findings	Two findings, Viz., CAR No. 07 and CL No. 05 were raised during the verification process and closed successfully. Please refer Appendix 3 of this report for the detail closure of the CAR.
Conclusion	Baseline Emissions: 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 the grid emission factor: $BE_y = EG_{PJ, y} * EF_{grid, CM, y}$ Where: BE_y: Baseline Emissions in year y; (tCO₂/year) $EG_{PJ, y}$: Quantity of net electricity supplied to the grid as a result of the implementation of the VCS project activity in year y (MWh/year) $EF_{grid, CM, y}$: Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the “Tool to calculate the emission factor for an electricity system” (tCO₂/MWh) Hence, the Baseline Emission Factor is calculated as below: $BE_y = 6,144,473.60 \text{ MWh} \times 0.9475 \text{ tCO}_2\text{e}$ $= 5,821,887 \text{ tCO}_2\text{e}$ $ER_y = BE_y - PE_y$ Hence, $ER_y = 5,821,887 - 0$ $= 5,821,887 \text{ tCO}_2\text{e (Round down value)}$ Ex-ante parameters:

The baseline emission factors are taken ex-ante in line with the registered VCS joint PDMR /B06/ as well as cross checked with section validation report and found correct. Combined margin CO₂ emission factor (EF_{grid,y}) is equal to 0.9368 tCO₂/MWh. The calculation approach was in line with the VCS PD.

Values are as follows:

$$EF_{grid,OM,y} = 0.9726 \text{ tCO}_2/\text{MWh}$$

The value of EF_{grid,OM,y} calculated as per “Tool to calculate the emission factor for an electricity system, version 07” as 3-year generation weighted average using data for the years 2014-15, 2015-16 & 2016-17. The data are obtained from “CO₂ Baseline Database for Indian Power Sector” version 13, published by the Central Electricity Authority, Ministry of Power, Government of India.

$$EF_{grid,BM,y} = 0.8723 \text{ tCO}_2/\text{MWh}$$

The value of EF_{grid,BM,y} calculated as per “Tool to calculate the emission factor for an electricity system, version 07” as per the latest data available for the most recent year 2016-17. The data is obtained from “CO₂ Baseline Database for Indian Power Sector” version 13, published by the Central Electricity Authority, Ministry of Power, Government of India.

$$EF_{grid,CM,y} = 0.9475 \text{ tCO}_2/\text{MWh}$$

The combined margin emissions factor is calculated as follows:

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

Where:

EF_{grid,BM,y}= Build margin CO₂ emission factor in year y (tCO₂/MWh)

EF_{grid,OM,y}= Operating margin CO₂ emission factor in year y (tCO₂/MWh)

W_{OM} = Weighting of operating margin emissions factor (%) = 75%

W_{BM}= Weighting of build margin emissions factor (%) = 25%

Ex-post parameter:

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

For Karnataka Site

Data / Parameter	EGPJ,y
Data unit	MWh

	Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
	Source of data	Monthly joint meter reading reports
	Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value will be considered for ER calculations.
	Frequency of monitoring/recording	Continuous measurement & monthly recording
	Value monitored	4,982,972.31
	Monitoring equipment	The electricity exported/ supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
	QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years.¹¹ The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines is applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The billing is raised based on substation meters.
	Purpose of the data	Calculation of baseline emissions
	Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh
	Comments	Data will be archived in paper & electronic form for two years after the end of crediting period or of the

¹¹ http://www.aegcl.co.in/Metering_Regulations_Of_CEA_17_03_2006.pdf

		last issuance of VCUs for this project activity, whichever occurs later.
	VVB Assessment for the monitoring parameter	The value of net electricity generation supplied to the grid as per Monthly electricity credit report or Joint Meter Reading Report forms the basis for calculation of the Emission reduction/02/; which can be cross checked from the invoice raised to DISCOM. The JMR (Report by the Southern Regional Power Committee) shows transaction of electricity (export as scheduled) at the Injecting Utility Boundary. Hence the same scheduled value of electricity is used by PP for invoicing as well. The source of data is therefore in accordance with registered VCS PD & MR /B06/ and thus acceptable to the assessment team. Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter (electronic tri-vector bidirectional main meter & check meter which measures both export & import concurrently) installed at the delivery point (i.e. the connected substation). Monthly meter readings are taken from the main and check meter installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent during the billing cycle for each month of the monitoring period. During current monitoring period, Total Net electricity exported to the grid is 4,982,091.41 MWh, same is inline with the Invoices and JMR /09/ and ER sheet /02/.
For Rajasthan Site		
	Data / Parameter	EG_{PJ,y}
	Data unit	MWh/y
	Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
	Source of data	Monthly joint meter reading reports
	Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value will be considered for ER calculations.

	Frequency of monitoring/recording	Continuous measurement & monthly recording
	Value monitored	132,981.60
	Monitoring equipment	The electricity exported/ supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
	QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years.¹² The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines will be applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The billing is raised based on substation meters.
	Purpose of the data	Calculation of baseline emissions
	Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh
	Comments	Data will be archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.
	VVB Assessment for the monitoring parameter	Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter (electronic tri-vector bidirectional main meter & check meter which measures both export & import concurrently) installed at the metering point.

¹² http://www.aegcl.co.in/Metering_Regulations_Of_CEA_17_03_2006.pdf

		Monthly meter readings are taken from the main and check meter installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent during the billing cycle for each month of the monitoring period. Further, net generation is cross checked with the Invoices /09/, and assessment team observed net generation value mentioned in the invoice is conservative to the JMR /09/. Thus, same is used to calculate Emission reduction/02/. During current monitoring period, Total Net electricity exported to the grid is 132,981.60 MWh, same is in line with the ER sheet.
	For Chhattisgarh Site	
	Data / Parameter	EG_{PJ,y}
	Data unit	MWh/y
	Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
	Source of data	Monthly joint meter reading reports
	Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value will be considered for ER calculations.
	Frequency of monitoring/recording	Continuous measurement & monthly recording
	Value monitored	635,231.18
	Monitoring equipment	The electricity exported/ supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
	QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. ¹³ The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines will be applied appropriately

¹³ http://www.aegcl.co.in/Metering_Regulations_Of_CEA_17_03_2006.pdf

		to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The billing is raised based on substation meters.
	Purpose of the data	Calculation of baseline emissions
	Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh
	Comments	Data will be archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.
	VVB Assessment for the monitoring parameter	The value of net electricity generation supplied to the grid as per Monthly electricity credit report or Joint Meter Reading Report forms the basis for calculation of the Emission reduction /02/; which can be cross checked from the Invoices /09/ raised to DISCOM. The source of data is therefore in accordance to registered VCS PD & MR /B06/ and thus acceptable to the assessment team. Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter (electronic tri-vector bidirectional main meter & check meter which measures both export & import concurrently) installed at the connected substation. Monthly meter readings are taken from the main and check meter installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent during the billing cycle for each month of the monitoring period. During current monitoring period, Total Net electricity exported to the grid is 635,231.18MWh, same is in line with the JMR /09/ and ER sheet.
	For Maharashtra Site	
Data / Parameter		EG _{PJ,y}
Data unit		MWh/y

	Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
	Source of data	Monthly joint meter reading reports
	Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value will be considered for ER calculations.
	Frequency of monitoring/recording	Continuous measurement & monthly recording
	Value monitored	125,246.10
	Monitoring equipment	The electricity exported/ supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
	QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. ¹⁴ The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines will be applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The billing is raised based on substation meters.
	Purpose of the data	Calculation of baseline emissions
	Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh
	Comments	Data will be archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

¹⁴ http://www.aegcl.co.in/Metering_Regulations_Of_CEA_17_03_2006.pdf

	VVB Assessment for the monitoring parameter	Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter (electronic tri-vector bidirectional main meter & check meter which measures both export & import concurrently) installed at the metering point. Monthly meter readings are taken from the main and check meter installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent during the billing cycle for each month of the monitoring period. Further, net generation is cross checked with the sales Invoices /09/, and assessment team observed net generation value mentioned in the invoice is conservative to the JMR /09/. Thus, same is used to calculate Emission reduction/7/. During current monitoring period, Total Net electricity exported to the grid is 125,279.47 MWh, same is in line with the ER sheet /02/.
	For Uttar Pradesh Site	
	Data / Parameter	$EG_{PJ,y}$
	Data unit	MWh/y
	Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
	Source of data	Monthly joint meter reading reports
	Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value will be considered for ER calculations.
	Frequency of monitoring/recording	Continuous measurement & monthly recording
	Value monitored	269,042.41
	Monitoring equipment	The electricity exported/ supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.

	QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years.¹⁵ The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines will be applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The billing is raised based on substation meters.
	Purpose of the data	Calculation of baseline emissions
	Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh
	Comments	Data will be archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.
	VVB Assessment for the monitoring parameter	Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter (electronic tri-vector bidirectional main meter & check meter which measures both export & import concurrently) installed at the metering point. Monthly meter readings are taken from the main and check meter installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent during the billing cycle for each month of the monitoring period. Further, net generation is cross checked with the sales Invoices /09/, and assessment team observed net generation value mentioned in the invoice is conservative to the JMR /09/. Thus,

¹⁵ http://www.aegcl.co.in/Metering_Regulations_Of_CEA_17_03_2006.pdf

same is used to calculate Emission reduction /02/. During current monitoring period, Total Net electricity exported to the grid is 269,042.41 MWh, same is in line with the ER sheet.

The Net electricity generation from the Solar plant is thus correct. All the parameters are monitored and recorded as per the monitoring plan in the registered PD. The verification team has crosschecked the revised Emission reduction/02/ sheet and monitoring report data with the JMR /09/ sheet and invoice bills and found all the values are matching.

The assessment team has checked JMR /09/ sheets, breakup sheets, revised MR/11/ and ER sheet /02/ and found acceptable.

Moreover, for solar power project (Green field renewable project) as per the registered PDMR and approved methodology ACM0002 Version 19, project emission is zero for the current monitoring period. The calculation approach as described above is used for baseline emission calculation only. As project emission is zero thus Emission reduction/02/ for current monitoring period is baseline emission for the current monitoring period.

The project activity involves in harnessing Solar power. So, the emissions from the project are zero.

ER calculations are as below:

Monitoring Period	Net Electricity Export (MWh)	Baseline Emission Factor (tCO ₂ /MWh)	Baseline Emissions (tCO ₂)
01-December-2021 to 31-October-2024 (Inclusive of both the dates)	6,144,473.60	0.9475	5,821,887

Project Emissions:

As per the approved consolidated Methodology ACM0002 (Version 19.0) para 34: "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 for 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 (t CO₂/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 PV Power plant 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 Emission: As per ACM0002 - Version 19, Leakage emissions are not considered for the project activity. Verification team confirms that the monitoring has been carried out in accordance with the monitoring plan, trainings and internal audits QA/QC procedure and emergency preparedness contained in the registered VCS PDMR/B06/. Assessment team confirmed that the GHG emission reductions and removals have been quantified correctly in line with the registered VCS PDMR/B06/.
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4.4 Quality of Evidence to Determine Reductions and Removals

Means of verification	The verification team checked the Calibration details of the monitoring meters with the calibration certificates.
Findings	CL04 and CL 05 was raised during the verification process and closed successfully. Please refer Appendix 3 of this report for the detail closure of the CL
Conclusion	Verification team has checked the calibration certificates/07/ and confirmed that meters are calibrated as per calibration frequency <i>except for few projects</i> (example, Parampujya Solar Energy Private Limited, Wardha Solar (Maharashtra) Private Limited and Adani Green Energy (UP) Limited). The details of calibration, their validity period and determination of delay period are provided in Appendix 2 of MR. These meters record several parameters including electricity exported & imported. These electricity meters are being used by state electricity board for JMR /09/ (Joint Meter Reading) electricity generation statements. Delayed calibrations were observed in the project activity for this monitoring period for some of the SPVs as detailed in the table below. All the meters are of same accuracy class i.e., 0.2s as per the requirement of the registered PDMR. On-site photographs and interview during on-site audit with O&M personnel also confirms the same. Appendix 2 of the Monitoring Report (MR) provides the meter calibration details for all SPVs. Where calibration was carried out after expiry of the previous validity period, the

applicable conservative adjustment/error factor has been applied in the Emission Reduction (ER) calculations in line with the applicable requirements of the VCS/CDM guidance (para 366(a) of the CDM Validation and Verification Standard for Project Activities v3.0). The ER sheet, with all corrections highlighted in yellow, was reviewed by the verification team and found to be correctly determined.

During commissioning /07/ of the solar plant monitoring meters of accuracy class i.e., 0.2s were installed. The meters are monitored continuously & cumulative readings are taken at the end of the month by joint meter reading procedure. These are sealed by State Utilities to avoid malfunctioning with meter readings. Meter is calibrated once in 5 years by the meter testing division of the state utility in the presence of O&M Contractor / investor's representatives and State Utilities officials to ensure the working of meter within permissible limits. The calculation of net electricity supplied to grid is under purview of state electricity board and PP does not have control on it. Calibration details of the monitoring meters checked with Calibration Certificates/07/ submitted by PP and found that calibration frequency of 5 years is compiled except in following cases.

1. Parampujya Solar Energy Private Limited

a. Kallur, Karnataka – 40 MW

The last calibration was conducted on 08-Mar-2021, prior to expiry of the previous validity date of 22-Oct-2023. The calibration validity has therefore been extended up to 07-Mar-2026. Accordingly, no delay in calibration occurred during the monitoring period. The verification team reviewed the calibration certificate and confirmed that no error was reported. Therefore, no adjustment was required.

b. Kilaj, Maharashtra – 20 MW

For the main meter (S/N 02832472) and check meter (S/N 02832473), calibration was conducted on 08-May-2023 after expiry of the previous validity date of 06-Feb-2023. Accordingly, a delay existed from 07-Feb-2023 to 07-May-2023. As the delayed calibration results showed no measurement error, the PP conservatively applied the maximum permissible error to measured values for February 2023 to May 2023, in line with para 366(a) of the CDM Validation and Verification Standard for Project Activities v3.0. The revised calibration validity is now up to 07-May-2028. The verification team reviewed these adjustments and confirmed correctness.

c. Pavagada, Karnataka – 150 MW

All feeders underwent meter replacement prior to the start of the current monitoring period. The replacement meters were calibrated and installed on 30-Nov-2019 with validity up to 29-Nov-2024, i.e., beyond the monitoring period. The verification team reviewed the meter replacement report /23/ issued by Karnataka Power Transmission Corporation Limited and confirmed the authenticity of the document and that no calibration error was reported. Hence, no adjustment was required.

2. Wardha Solar (Maharashtra) Private Limited

For the SPVs referred to under Wardha Solar, the revised MR clarifies that several meters had been replaced before expiry of calibration validity and new calibrated meters were installed /23/. This applies to Madhuvanahalli, Nalwar, Yatnal, and Kallur sites; therefore, no calibration delay occurred for these locations.

For **Rastapur, Karnataka – 50 MW**, both main and check meters were replaced on 18-Mar-2023 after expiry of the previous validity date of 27-Apr-2022. The delay period was therefore from 28-Apr-2022 to 17-Mar-2023. The PP has applied the required conservative correction in the ER calculations for the affected period (applied the maximum permissible error to measured values), which was reviewed and accepted by the verification team.

3. Other Clarified Meter Replacements

The revised MR also clarifies meter replacements for Ramanagara and Tiptur under Adani Green Energy (UP) Limited, where replacement meters were installed before expiry of prior validity periods; therefore, no delays occurred. Supporting meter replacement reports /23/ issued by Karnataka Power Transmission Corporation Limited were reviewed and found authentic.

The break down log is checked and there is no major Breakdown /21/ during the monitoring period. No unforced error observed.

The Calibration details of above meters is as below: -

Name of SPVs	Location	Meter Details	Sr. No.	Accuracy Class	Date of Calibration	Due date of calibration	Delay in Calibration
Paramp ujya Solar Energy Private Limited	Chhattisgarh- 100 MW	Main Meter	CSE52107	0.2s	04-Feb-2021	03-Feb-2026	No delay
		Check Meter	CSE52108	0.2s	04-Feb-2021	03-Feb-2026	No delay
		Main Meter	XE554165	0.2s	03-Feb-2021	02-Feb-2026	No delay
		Check Meter	CSE52109	0.2s	03-Feb-2021	02-Feb-2026	No delay

		Kilaj, Maharashtra- 20 MW	Main Meter	02832472	0.2s	07-Feb-2018 08-May-2023	06-Feb-2023 07-May-2028	07-Feb-2023 to 07-May-2023
			Check Meter	02832473	0.2s	07-Feb-2018 08-May-2023	06-Feb-2023 07-May-2028	07-Feb-2023 to 07-May-2023
		Pavagada, Karnataka- 150 MW	T2 P5 Main Meter	LT-0883-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P5 Check Meter	LT-0884-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P6 Main Meter	LT-0886-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P6 Check Meter	LT-0887-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			R1 P11 Main Meter	LT-0894-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			R1 P11 Check Meter	LT-0864-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			R1 P12 Main Meter	LT-0862-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			R1 P12	LT-0879-A	0.2s	30-Nov-2019	29-Nov-2024	No delay

			Check Meter					
			T2 P9 Main Meter	LT-0890-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P9 Check Meter	LT-0891-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P10 Main Meter	LT-0868-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
			T2 P10 Check Meter	LT-0869-A	0.2s	30-Nov-2019	29-Nov-2024	No delay
		Kallur, Karnataka- 40 MW	Main Meter	17051235	0.2s	23-Oct-2018 08-Mar-2021	22-Oct-2023 07-Mar-2026	No delay
			Check Meter	17117851	0.2s	23-Oct-2018 08-Mar-2021	22-Oct-2023 07-Mar-2026	No delay
	Wardha Solar (Maharashtra) Private Limited	Madhuvanahalli, Karnataka- 100 MW	Main Meter	17010230	0.2s	29-Jun-2019	28-Jun-2024	-
				22011753 ¹⁶	0.2s	21-Dec-2022	20-Dec-2027	No delay

¹⁶ The old Main Meter with SL. No. 17010230 was replaced with the new Main Meter with SL. No. 22011753, which was calibrated and installed on 21-December-2022.

			Check Meter	17002967	0.2s	29-Jun-2019	28-Jun-2024	-
				22011809 ¹⁷	0.2s	21-Dec-2022	20-Dec-2027	No delay
		Maskal, Karnataka- 50 MW	Main Meter	17117793	0.2s	10-Dec-2018	09-Dec-2023	-
				23002740 ¹⁸	0.2s	16-Mar-2023	15-Mar-2028	No delay
			Check Meter	17117794	0.2s	10-Dec-2018	09-Dec-2023	-
				23002741 ¹⁹	0.2s	16-Mar-2023	15-Mar-2028	No delay
		Nalwar, Karnataka- 40 MW	Main Meter	17069221	0.2s	04-Sep-2019	03-Sep-2024	-
				23003154 ²⁰	0.2s	17-Mar-2023	16-Mar-2028	No delay
			Check Meter	17069179	0.2s	04-Sep-2019	03-Sep-2024	-

¹⁷ The old Check Meter with SL. No. 17002967 was replaced with the new Check Meter with SI. No. 22011809, which was calibrated and installed on 21-December-2022.

¹⁸ The old Main Meter with SL. No. 17117793 was replaced with the new Main Meter with SI. No. 23002740, which was calibrated and installed on 16-March-2023.

¹⁹ The old Check Meter with SL. No. 17117794 was replaced with the new Check Meter with SI. No. 23002741, which was calibrated and installed on 16-March-2023.

²⁰ The old Main Meter with SL. No. 17069221 was replaced with the new Main Meter with SI. No. 23003154, which was calibrated and installed on 17-March-2023.

				23003155 ²¹	0.2s	17-Mar-2023	16-Mar-2028	No delay
		Rajeshwar, Karnataka- 50 MW	Main Meter	16113406	0.2s	22-Sep-2021	21-Sep-2026	-
				23002722 ²²	0.2s	14-May-2024	13-May-2029	No delay
			Check Meter	16113453	0.2s	22-Sep-2021	21-Sep-2026	-
				23002723 ²³	0.2s	14-May-2024	13-May-2029	No delay
		Rastapur, Karnataka- 50 MW	Main Meter	17069189	0.2s	28-Apr-2017	27-Apr-2022	-
				23002734 ²⁴	0.2s	18-Mar-2023	17-Mar-2028	28-Apr-2022 to 17-Mar-2023
			Check Meter	17069203	0.2s	28-Apr-2017	27-Apr-2022	-

²¹ The old Check Meter with SL. No. 17069179 was replaced with the new Check Meter with SI. No. 23003155, which was calibrated and installed on 17-March-2023.

²² The old Main Meter with SL. No. 16113406 was replaced with the new Main Meter with SI. No. 23002722, which was calibrated and installed on 14-May-2024.

²³ The old Main Meter with SL. No. 16113453 was replaced with the new Main Meter with SI. No. 23002723, which was calibrated and installed on 14-May-2024.

²⁴ The old Main Meter with SL. No. 17069189 was replaced with the new Main Meter with SI. No. 23002734, which was calibrated and installed on 18-Mar-2023.

				230027 35 ²⁵	0.2s	18-Mar-2023	17-Mar-2028	28-Apr-2022 to 17-Mar-2023
		Yatnal, Karnataka a- 50 MW	Main Meter	170102 29	0.2s	08-Mar-2019	07-Mar-2024	-
				210074 36 ²⁶	0.2s	14-Feb-2024	13-Feb-2029	No delay
			Check Meter	171155 43	0.2s	08-Mar-2019	07-Mar-2024	-
				210074 37 ²⁷	0.2s	14-Feb-2024	13-Feb-2029	No delay
		Kallur, Karnataka a- 10 MW	Main Meter	170510 89	0.2s	23-Oct-2018 08-Mar-2021	22-Oct-2023 07-Mar-2026	No delay
			Check Meter	170511 57	0.2s	23-Oct-2018 08-Mar-2021	22-Oct-2023 07-Mar-2026	No delay

²⁵ The old Check Meter with SL. No. 17069203 was replaced with the new Check Meter with SI. No. 23002735, which was calibrated and installed on 18-Mar-2023.

²⁶ The old Main Meter with SL. No. 17010229 was replaced with the new Main Meter with SI. No. 21007436, which was calibrated and installed on 14-February-2024.

²⁷ The old Check Meter with SL. No. 17115543 was replaced with the new Check Meter with SI. No. 21007437, which was calibrated and installed on 14-February-2024.

	Kodangal Solar Parks Private Limited	Bagewadi, Karnataka- 20 MW	Main Meter	17117910	0.2s	05-Jan-2018 28-Dec-2021	04-Jan-2023 27-Dec-2026	No delay
			Check Meter	17117915	0.2s	05-Jan-2018 28-Dec-2021	04-Jan-2023 27-Dec-2026	No delay
	Prayatra Developers Private Limited	Kanasar, Rajasthan- 20 MW	Main Meter	RJB90451	0.2s	01-Dec-2019	30-Nov-2024	No delay
			Check Meter	RJB90452	0.2s	01-Dec-2019	30-Nov-2024	No delay
			Main Meter	RJB90453	0.2s	01-Dec-2019	30-Nov-2024	No delay
			Check Meter	RJB90454	0.2s	01-Dec-2019	30-Nov-2024	No delay
	Adani Green Energy (UP) Limited	Byadagi, Karnataka- 20 MW	Main Meter	17115575	0.2s	30-Jan-2018 10-Feb-2022	29-Jan-2023 09-Feb-2027	No delay
			Check Meter	17115581	0.2s	30-Jan-2018 10-Feb-2022	29-Jan-2023 09-Feb-2027	No delay
		Chanapattana,	Main Meter	16113303	0.2s	21-Jan-2021	20-Jan-2026	-

		Karnatak a- 20 MW		210050 89 ²⁸		23- Dec- 2021	22- Dec- 2026	No delay
			Check Meter	161134 23	0.2s	21- Jan- 2021	20- Jan- 2026	-
				210051 01 ²⁹		23- Dec- 2021	22- Dec- 2026	No delay
		Gubbi, Karnatak a- 20 MW	Main Meter	171178 30	0.2s	24- Jan- 2020	23- Jan- 2025	No delay
			Check Meter	171179 09	0.2s	24- Jan- 2020	23- Jan- 2025	No delay
		Holenara sipura, Karnatak a- 20 MW	Main Meter	171178 31	0.2s	05- Feb- 2020	04- Feb- 2025	No delay
			Check Meter	171178 35	0.2s	05- Feb- 2020	04- Feb- 2025	No delay
		Jewargi, Karnatak a- 20 MW	Main Meter	171177 97	0.2s	09- Feb- 2021	08- Feb- 2026	No delay
			Check Meter	171177 98	0.2s	09- Feb- 2021	08- Feb- 2026	No delay
		K. R. Pet, Karnatak a- 20 MW	Main Meter	171178 52	0.2s	06- Jan- 2021	05- Jan- 2026	-

²⁸ The old Main Meter with SL. No. 16113303 was replaced with the new Main Meter with SI. No. 21005089, which was calibrated and installed on 23-December-2021.

²⁹ The old Check Meter with SL. No. 16113423 was replaced with the new Check Meter with SI. No. 21005101, which was calibrated and installed on 23-December-2021.

				23002744 ³⁰		23-Mar-2023	22-Mar-2028	No delay
			Check Meter	17117857	0.2s	06-Jan-2021	05-Jan-2026	-
				23002745 ³¹		23-Mar-2023	22-Mar-2028	No delay
		Malur, Karnataka- 20 MW	Main Meter	17115582	0.2s	16-Oct-2017	15-Oct-2022	-
				21005027 ³²	0.2s	11-Aug-2022	10-Aug-2027	No delay
			Check Meter	17115571	0.2s	16-Oct-2017	15-Oct-2022	-
				21005046 ³³	0.2s	11-Aug-2022	10-Aug-2027	No delay
		Magadi, Karnataka- 20 MW	Main Meter	17117800	0.2s	27-May-2019	26-May-2024	-
				23002746 ³⁴		13-Mar-2023	12-Mar-2028	No delay

³⁰ The old Main Meter with SL. No. 17117852 was replaced with the new Main Meter with SI. No. 23002744, which was calibrated and installed on 23-March-2023.

³¹ The old Check Meter with SL. No. 17117857 was replaced with the new Check Meter with SI. No. 23002745, which was calibrated and installed on 23-March-2023.

³² The old Main Meter with SL. No. 17115582 was replaced with the new Main Meter with SI. No. 21005027, which was calibrated and installed on 11-August-2022.

³³ The old Check Meter with SL. No. 17115571 was replaced with the new Check Meter with SI. No. 21005046, which was calibrated and installed on 11-August-2022.

³⁴ The old Main Meter with SL. No. 17117800 was replaced with the new Main Meter with SI. No. 23002746, which was calibrated and installed on 13-March-2023.

			Check Meter	17117801	0.2s	27-May-2019	26-May-2024	-
				23002747 ³⁵		13-Mar-2023	12-Mar-2028	No delay
		Periyapatna, Karnataka- 20 MW	Main Meter	21004958	0.2s	28-Sep-2021	27-Sep-2026	No delay
			Check Meter	21005086	0.2s	28-Sep-2021	27-Sep-2026	No delay
		Ramanagara, Karnataka- 20 MW	Main Meter	17117842	0.2s	28-Mar-2018	27-Mar-2023	-
				23002748 ³⁶	0.2s	13-Mar-2023	12-Mar-2028	No delay
			Check Meter	17117863	0.2s	28-Mar-2018	27-Mar-2023	-
				23002749 ³⁷	0.2s	13-Mar-2023	12-Mar-2028	No delay
		T.Narasipura,	Main Meter	17071202	0.2s	25-Feb-2021	24-Feb-2026	-

³⁵ The old Check Meter with SL. No. 17117801 was replaced with the new Check Meter with SI. No. 23002747, which was calibrated and installed on 13-March-2023.

³⁶ The old Main Meter with SL. No. 17117842 was replaced with the new Main Meter with SI. No. 23002748, which was calibrated and installed on 13-March-2023.

³⁷ The old Check Meter with SL. No. 17117863 was replaced with the new Check Meter with SI. No. 23002749, which was calibrated and installed on 13-March-2023.

		Karnatak a- 20 MW		210049 92 ³⁸		04- Dec- 2024	03- Dec- 2029	No delay
			Check Meter	170712 10	0.2s	25- Feb- 2021	24- Feb- 2026	-
				210051 07 ³⁹		04- Dec- 2024	03- Dec- 2029	No delay
		Tiptur, Karnatak a- 20 MW	Main Meter	161931 03	0.2s	28- Jun- 2019	27- Jun- 2024	-
				210047 77 ⁴⁰	0.2s	19- Mar- 2022	18- Mar- 2027	No delay
			Check Meter	151978 03	0.2s	28- Jun- 2019	27- Jun- 2024	-
				210049 44 ⁴¹	0.2s	19- Mar- 2022	18- Mar- 2027	No delay
	Adani Green Energy (UP) Limited	Jhansi, Uttar Pradesh- 50 MW	Main Meter	170755 44	0.2s	25- Jun- 2021	24- Jun- 2026	No delay
			Check Meter	170755 56	0.2s	25- Jun- 2021	24- Jun- 2026	No delay

³⁸ The old Main Meter with SL. No. 17071202 was replaced with the new Main Meter with SI. No. 21004992, which was calibrated and installed on 04-December-2024.

³⁹ The old Check Meter with SL. No. 17071210 was replaced with the new Check Meter with SI. No. 210051047, which was calibrated and installed on 04-December-2024.

⁴⁰ The old Main Meter with SL. No. 16193103 was replaced with the new Main Meter with SI. No. 21004777, which was calibrated and installed on 19-March-2022.

⁴¹ The old Check Meter with SL. No. 15197803 was replaced with the new Check Meter with SI. No. 21004944, which was calibrated and installed on 19-March-2022.

	Based on the supporting calibration certificates, meter replacement reports /xx/, and ER calculations, the verification team confirms that: 1. Calibration dates have been properly justified in the MR; 2. Delays in calibration have been clearly identified and distinguished from meter replacements or timely recalibrations; and 3. Wherever delays occurred, a conservative approach has been applied in the emission reduction calculations in accordance with applicable requirements.
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4.5 Non-Permanence Risk Analysis

S. No	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
NA	NA	NA	NA	NA

5 VERIFICATION OPINION

5.1 Verification Summary

TÜV SÜD South Asia Private Limited has performed the 5th verification of the emission reductions reported for the project activity “Renewable Solar Power Project by Adani Green Energy Limited” VCS Registration Reference No. 1815, for the monitoring period from 01-December-2021 to 31-October-2024 (Inclusive of both the dates), with regard to the relevant requirements for VCS Version 4.7.

As per VCS Standard version 4.7 Para 4.1.10, VVB team verified that, the criteria for verification of the project activity are in line with the relevant VCS Version 4 criteria. The objective of this verification activity is to have an independent third party for the assessment of the Monitoring report, emission reduction sheet and to ensure a thorough assessment of the project activity against the applicable regulatory requirements.

The purpose of the verification is to review the monitoring results and verify that monitoring methodology was implemented according to monitoring plan and monitoring data, used to confirm the reductions in anthropogenic emissions by sources is sufficient, definitive, and presented in a concise and transparent manner. In particular, monitoring plan, monitoring report and the project's compliance with relevant VCS, UNFCCC and host party criteria are verified in order to confirm that the project has been implemented in accordance with previously registered design and conservative assumptions, as documented.

The project proponent is responsible for:

1. The preparation of greenhouses gas emissions data and the reported greenhouse gas emission reductions from the project on the basis set out in the monitoring plan contained in the MR, version 03 dated 31-Mar-2026 /01.1/ and the applied methodology ACM0002 - Version 19.
2. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of greenhouse gas emission reductions of the project.

Our verification approach was based on the requirements as defined under the Kyoto Protocol, as well as those defined by the CDM Executive Board. Verification Team has used risk-based approach to provide conformance with ISO 14064-3:2019 and ISO 14065 along drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. Further, for verification, reasonable level of assurance was achieved on the quantity of GHG emission reductions achieved by the project during the verification period 01-December-2021 to 31-October-2024 (Inclusive of both the dates) as provided in the project's GHG statement given in the MR, version 03 dated 31-Mar-2026 /01.1/. Verification Team has conducted independent assessment of estimated and actual GHG statement of emission reductions and removals that have occurred because of the project implementation during this monitoring period to be materially correct and conform claim against the requirements of VCS Program rules and applied methodology. No sampling procedure applied for document verifications. The entire documents checked/Power plant verification conducted to arrive at positive verification conclusions.

VVB concluded the assessment, as per para 4.1.18 of the VCS standard version 4.7, with a positive verification opinion regarding the project activity. The VVB team has raised 06 Clarification (CLs), 07 CAR (Corrective action request), and no FAR (forward action request). All the deviations identified as CARs and/or CLs have been successfully closed and mentioned in Appendix 2 of the verification report. The VVB team clearly state that there is no material misstatement at the level of the GHG statement and GHG declarations made by the Project Proponent. VVB declared that the validation and/or verification of the GHG statement was conducted in accordance with ISO 14064-3:2019.

5.2 Verification Conclusion

TÜV SÜD South Asia Private Limited has been engaged by Adani Green Energy Ltd. to perform the 5th periodical verification of the “Renewable Solar Power Project by Adani Green Energy Limited”. The management of Adani Green Energy Ltd. 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 VCS PD & MR /B06/ and the applied methodology ACM0002 - Version 19.

Our verification approach was based on the requirements as defined under the Kyoto Protocol, Marrakesh accord, as well as those defined by the CDM Executive Board. 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. Further, the verification has been planned and organized to achieve a Reasonable Level of assurance as per the requirement of VCS. No sampling procedure applied for document verifications.

Verification team conforms that the entire documents checked/Power plant verification conducted to arrive at positive verification conclusions. The verification team can confirm that:

- the project is operated as planned and described in the project document.
- the monitoring plan is as per the applied methodology.
- the monitoring process in Monitoring Report /11/ is as per the joint PD & MR /B06/.
- the development and maintenance of records and reporting procedures are in accordance with the monitoring plan.
- the installed equipment being essential for generating Emission reduction/02/ runs reliably and is calibrated appropriately.
- the monitoring system is in place and generates GHG Emission reduction/02/ data.
- the GHG emission reductions are calculated without material misstatements.
- A Reasonable Level of assurance was achieved as planned, during verification process.

Verification period: From 01-December-2021 to 31-October-2024

Verified GHG emission reductions and carbon dioxide removals in the above verification period:

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCU (tCO ₂ e)	Removal VCU (tCO ₂ e)	Total VCU (tCO ₂ e)
01-December-2021 to 31-December-2021	164,276	0	0	164,276	0	164,276
01-January-2022 to 31-December-2022	1,933,005	0	0	1,933,005	0	1,933,005

01-January-2023 to 31-December-2023	2,038,813	0	0	2,038,813	0	2,038,813
01-January-2024 to 31-October-2024	1,685,793	0	0	1,685,793	0	1,685,793
Total	5,821,887	0	0	5,821,887	0	5,821,887

The non-permanence risk rating (%)	Not Applicable
If applicable, the Long-term Average (LTA), whether it has been properly updated, and if it has been reached.	Not Applicable
Whether a loss has been appropriately accounted for, in accordance with the VCS Program rules, if applicable.	Not Applicable

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Buffer pool allocation (tCO ₂ e)	Reductions VCU (tCO ₂ e)	Removals VCU (tCO ₂ e)	Total VCU issuance (tCO ₂ e)
Not Applicable							

5.3 Ex-ante vs Ex-post ERR Comparison

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-December-2021 to 31-December-2021	131,900	164,276	24.55%	The actual emission reduction achieved during this vintage is 24.55% higher than the estimated emission reduction in registered VCS PD for corresponding

01-January-2022 to 31-December-2022	1,553,021	1,933,005	24.47%	vintaged, which is due to weather condition in project location. The actual emission reduction achieved during this vintage is 24.47 % higher than the estimated emission reduction in registered VCS PD for corresponding vintaged, which is due to weather condition in project location.
01-January-2023 to 31-December-2023	1,553,021	2,038,813	31.28%	The actual emission reduction achieved during this vintage is 31.28% higher than the estimated emission reduction in registered VCS PD for corresponding vintaged, which is due to weather condition in project location. The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The higher generation during the current verification period is due to certain natural conditions.
01-January-2024 to 31-October-2024	1,297,729	1,685,793	29.90%	The actual emission reduction achieved during this vintage is - 29.90% higher than the estimated emission reduction in registered VCS PD for corresponding vintaged, which is due to weather condition in project location. The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The higher generation during the current verification period is due to certain natural conditions.
Total	4,535,672	5,821,887	28.36%	The actual emission reductions achieved is 28.36% higher than estimated in the VCS PD. Assessment team also compared actual VCU with the estimated VCU and found that the actual VCU is 5,821,887 tCO₂e which is 28.36% higher than the estimated

emission reductions. This difference is due to the climatic conditions, which are not within the control of the project participant. The higher generation during the current verification period is due to certain natural conditions.

APPENDIX 1: COMMERCIALLY SENSITIVE INFORMATION

No commercially sensitive information has been provided in the MR.

Section	Information	Justification	Assessment method and conclusion
Not Applicable as there is no commercially sensitive information has been provided in the MR.			

APPENDIX 2: DOCUMENTS REVIEWED DURING VERIFICATION

S. No.	Reference Documents
/01/	Initial Monitoring report Version 01 dated 22-May-2025
/01.1/	Final Monitoring Report, version 03 dated 31-Mar-2026
/02/	ER calculation sheet dated 27/08/2025. Version 02
/03/	No double counting declaration
/04/	Final verification Report version 01 (Monitoring Period: 01-December-2021 to 31-October-2024 (Inclusive of both the dates)
/05/	Onsite Photographs and Nameplates
/06/	Calibration Certificates
/07/	Commissioning certificates
/08/	Power Purchase Agreement (PPA)
/09/	Invoices and JMR
/10/	Technical Specifications
/11/	Final Monitoring report Version 02 dated 27/08/2025
/12/	Invitation letter to Local Stake holders
/13/	Minutes of meeting of stakeholder
/14/	Feedback / grievance register
/15/	EHS policy
/16/	Policy on Prevention of Sexual Harassment (POSH)

/17/	CSR Policy
/18/	HR policy of the company
/19/	Declaration on child labor, forced and human trafficking
/20/	Land ownership Agreement
/21/	Breakdown details for the monitoring period
/22/	O&M agreement
/23/	Meter replacement reports
/B01/	VCS Standard version 4.7
/B02/	VCS Program Guide version 4.4
/B03/	VCS Program Definitions version 4.5
/B04/	CDM validation and verification standard for project activities version 3.0
/B05/	Validation Report. Report ID: 11918 dated 05-February-2019
/B06/	Joint PDMR version 02, dated 11-January-2019.
/B07/	2 nd Monitoring report - verification report ID: VCS.VER 20.35 version 01, issued on dated 22-May-2020
/B08/	3 rd Monitoring report - verification report ID: 6612 version 03, issued on dated 09 - August-2021
/B09/	4 th Monitoring report – verification report ID: A+SH_SYST_TQC_VCS_VER_1322 version 03, issued on dated 27-July-2022
/B10/	UNFCCC Methodology: ACM0002 version 19: Grid-connected electricity generation from renewable sources
/B11/	UNFCCC CDM Tool 07 - Tool to calculate the emission factor for an electricity system, Version 7.0.
/B12/	UNFCCC CDM Tool 01 - Tool for the demonstration and assessment of additionality, Version 7.0.

APPENDIX 3: CORRECTIVE ACTION REQUESTS, CLARIFICATION REQUESTS AND FORWARD ACTION REQUESTS (CAR/CL/FAR)

1: Clarification requests

CL	01	Section no.	MR section 1,4	Date: 14/07/25
Description of CL				
The address for project proponent in Section 1.4 of MR and in the DEED of representation are different. PP to clarify.				
Project participant response				Date: 27/8/25
The address of the Project Proponent has been corrected in Section 1.4 of the revised MR, in accordance with the latest Issuance Deed of Representation.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 29/09/25
PP has updated the address for project proponent in Section 1.4 of MR. same has been verified by Verification team Hence the CL is closed.				

CL	02	Section no.	MR section 1.10	Date: 14/07/25
Description of CL				
To verify there is No Double Counting and Participation under Other GHG Programs, PP shall provide Declaration of double counting.				
Project participant response				Date: 27/8/25
PP has provided the declaration letter regarding double counting to the VVB.				
Documentation provided by project participant				
Declaration letter				
VVB assessment				Date: 29/09/25
PP has provided the Declaration on no double counting which is verified by VVB and found to be adequate. Hence the CL is closed.				

CL	03	Section no.	MR section 5.4	Date: 14/07/25
Description of CL				
The current monitoring period is from 01-December-2021 to 31-October-2024, however pp mentioned that "01-January-2023 to 13-September-2023" In vintage period in section 5.4. PP to clarify the same.				
Project participant response				Date: 27/8/25
There was a typo error in vintage period, which has now been corrected in section 5.4 of the revised MR.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 29/09/25
PP has corrected the period referred in section 5.4 of the MR. same has been verified and found to be adequate. Hence the CL is closed.				

CL	04	Section no.	MR Appendix 2;	Date: 14/07/25
Description of CL				
1. PP shall provide calibration certificate of all the monitoring equipment used for measuring electricity generation at all the sites, listed in MR. 2. PP shall provide the last date of calibration of the monitoring equipment in the table provided in Appendix 2 of MR, to confirm that calibration frequency of once in 5 years stated in registered PD is adhered.				
Project participant response				Date: 27/8/25
1. PP has provided the calibration certificates for all monitoring equipment to the VVB. 2. The last date of calibration of the monitoring equipment is provided in Appendix 2 of the revised MR.				
Documentation provided by project participant				
Calibration certificate and Revised MR				
VVB assessment				Date: 29/09/25
1. PP has provided calibration certificate of all the monitoring equipment used for measuring electricity generation at all the sites, listed in MR. 2. 3. PP has provided the last date of calibration of the monitoring equipment in the table provided in Appendix 2 of MR. Hence the CL is closed.				

CL	05	Section no.	MR Appendix 2;	Date: 14/07/25
Description of CL				
1. It is found that the meter details given in Appendix 2 is not consistent with the meter details in JMR for some of the monitoring equipments. Example: The meter serial number given for Wardha solar 50 MW is 1717793 in MR appendix. However, the serial number provided in JMR is 23002740. PP to provide clarification. 2. PP is requested to provide a Time and Geo-Stamped photograph of all the monitoring equipments, in which the VVB can confirm the details of the monitoring equipments used during the monitoring period.				
Project participant response				Date: 27/8/25
1. PP has checked the meter details and found that some meters were changed during the monitoring period. Accordingly, the PP has provided the relevant documents to the VVB and made the necessary changes in Appendix 2 of the revised MR. 2. PP has provided the Geo-Stamped photographs of all the monitoring equipment to the VVB.				
Documentation provided by project participant				
Meter change certificate, Geo-Stamped photograph and Revised MR				
VVB assessment				Date: 29/09/25
1. PP has now updated the Appendix 2 . same has been clarified by the verification team. 2. PP has provided the Geo-Stamped photographs of all the monitoring equipment which verified by VVB . Hence the CL is closed.				

CL	06	Section no.	MR Section 1.8	Date: 14/07/25
Description of CL				
It is found that the Geo coordinates provided in MR in section 1.8 is not matching with actual coordinates noted during the site assessment. Example: 100 MW Wardha solar project in Madhivannahlli in Karnataka. PP to submit satellite images mentioning geo coordinates for all the sites.				
Project participant response				Date: 27/8/25
There was a typo error in Geo coordinates, which has now been corrected in section 1.8 of the revised MR. Additionally, the satellite image has been submitted to the VVB.				
Documentation provided by project participant				
Satellite image and Revised MR				
VVB assessment				Date: 29/09/25
PP has now provided the satellite image and corrected the section 1.8 of MR. hence the CL is closed. Now.				

2: Corrective Action request:

CAR ID	01	Section no.	MR section 1.12	Date: 14/07/25
Description of CAR				
1. Project Proponent to provide a summary description of the activities implemented during the monitoring period that contribute to sustainable development (SD), including the technologies/measures adopted and the activity location. 2. The values given for each SDG indicator in Table 1:“Contributions over project lifetime” is same as Current project contributions. PP to clarify. 3. PP to provide a clear description for SDG indicator for SDG 8.				
Project participant response				Date: 27/8/25
1. The project proponent has now provided the description in section 1.12 of the revised MR. 2. The project proponent has now corrected the values in section 1.12 of the revised MR. 3. The project proponent has now provided the description for SDG 8 in section 1.12 of the revised MR.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 29/09/25
1. Verification team confirms that PP has updated the description of the activities implemented during the monitoring period that contribute to sustainable development (SD), including the technologies/measures adopted and the activity location in section 1.12 of MR. 2. Verification team confirms that values of SDG indicator table1 is corrected now. 3. PP has provided the clear description for SDG indicator for SDG 8 in section 1.12 of MR. Which has been confirmed by verification team. Hence the CAR is closed.				

CAR ID	02	Section no.	MR section 2.1.1	Date: 14/07/25
Description of CAR				
According to VCS standard v4.7 section 3.18.1, the current description does not adequately explain the methodology or criteria used for stakeholder identification. PP shall describe the process and criteria used for identification of stakeholders likely to be impacted by the project.				
Project participant response				Date: 27/8/25
The project proponent has now updated the section 2.1.1 of the revised MR with the required information.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 29/09/25
Verification team confirms that PP has described the process and criteria used for identification of stakeholders likely to be impacted by the project on section 2.1.1 hence the CAR is closed.				

CAR ID	03	Section no.	MR section 2.2.1	Date: 14/07/25
Description of CAR				
According to VCS Standard V4.7 Section 3.19.6, the Monitoring Report must provide sufficient detail regarding the management team's expertise or prior experience in implementing similar project activities and engaging with communities, as required.				
PP is requested to provide detailed information regarding the same.				
Project participant response				Date: 27/8/25
The project proponent has now updated the section 2.2.1 of the revised MR with the required information.				
Documentation provided by project participant				
Revised MR				

VVB assessment	Date: 29/09/25
Verification team confirms that PP has provided sufficient detail regarding the management team's expertise or prior experience in implementing similar project activities and engaging with communities, as required in section 2.2.1 of MR. hence the CAR is closed.	

CAR ID	04	Section no.	MR section 2.2.2 to 2.3.2	Date: 14/07/25
Description of CAR				
PP has provided insufficient information regarding the assessment and management of risks to stakeholders and the environment, as required. The PP shall: - Identify all potential environmental and stakeholder-related risks associated with the project activities. - Describe the measures taken to mitigate these risks, including community engagement processes where applicable. - Provide documentary evidence to support the evaluation and management of such risks. - PP is requested to provide documentary evidence including implementation/mitigation of each risk related to Labor and Work.				
Project participant response				Date: 27/8/25
The Project Proponent has updated the details in Section 2.2.2 & 2.3.1 of the revised MR and has provided the relevant policy documents to the VVB.				
Documentation provided by project participant				
Revised MR and Company Policies				
VVB assessment				Date: 29/09/25
PP has provided sufficient information regarding the assessment and management of risks to stakeholders and the environment, as required in section 2.2.2 and 2.3.1 same has been verified by verification team. Hence the CAR is closed.				

CAR ID	05	Section no.	MR section 4.1	Date: 14/07/25
Description of CAR				
PP has provided the reference link for CEA database used to calculate OM, BM, and CM as footnote 19,20. However, the link provided is not exactly referring to the required data. PP is requested to provide a valid link or document.				
Project participant response				Date: 27/8/25
There was a typographical error in the link, which has now been corrected in Section 4.1 of the revised MR.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 29/09/25
PP has now provided the reference link for CEA database used to calculate OM, BM, and CM as footnote 19,20. Same has been verified by Verification team. Hence the CAR is closed.				

CAR ID	06	Section no.	MR section 5.4	Date: 14/07/25
Description of CAR				
In section 5.4 of MR, the actual annual electricity generation value is higher than the estimated Annual value in the VCS-PD by more than +10 % for the periods (01-January-2022 to 31-December-2022) and (01-January-2023 to 13-September-2023). Also, for the period 01-January-2024 to 31-October-2024, the actual value is less than the estimated value by more than -10 %. PP is requested to provide justification for the difference along with Supporting documents to verify the same.				
Project participant response				Date: 27/8/25
The project proponent has now updated the section 5.4 of the revised MR with the required information.				
Documentation provided by project participant				
Revised MR & ER sheet				
VVB assessment				Date: 29/09/25

PP has provided the Justification for the difference in annual electricity generation. Same has been approved by verification body. Hence the CAR is closed.

CAR ID	07	Section no.	ER Sheet	Date: 14/07/25
Description of CAR				
In section 4.2 of MR, 'Data and parameters monitored', PP has given values for EG _{PJy} separately for each state. These values are not traceable in ER Spreadsheet, as in the ER sheet, values are given site wise. PP is requested to provide values consistently to have traceability.				
Project participant response				Date: 27/8/25
The project proponent has now provided the state-wise values in the revised ER sheet and the same has been updated in the revised MR.				
Documentation provided by project participant				
Revised MR & ER sheet				
VVB assessment				Date: 29/09/25
Verification team confirms that project proponent has now provided the state-wise values in the revised ER sheet. The values are found to be consistent with the supporting documents provided, JMR and the invoices. Hence the CAR is closed.				

3: Forward action request:

NO FAR has been raised.

APPENDIX 4: ABBREVIATIONS

Abbreviations	Full texts
BM	Build In Margin
CO	Combined Margin
ER	Emission Reductions
GHG	Greenhouse gas(es)
CL	Clarification Request
CAR	Corrective Action Request
FAR	Forward Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction(s)
CEA	Central Electricity Authority
CMS	Central Monitoring system
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
DNA	Designated National Authority
DOE	Designated Operational Entity
DR	Document Review
EF	Emission Factor
EIA	Environmental Impact Assessment
GWP	Global Warming potential
PP	Project Participant
SECL	Solar Energy Corporation of India
BESCOM	Bangalore Electricity Supply Company Limited
CSPDCL	Chhattisgarh State Power Distribution Company Limited

MSEDCL	Maharashtra Electricity Distribution Company Limited
RRVNL	Rajasthan Rajya Vidyut Prasaran Nigam Limited
JMR	Joint Meter Readings
PLF	Plant Load Factor
PPA	Power Purchase Agreement

APPENDIX 5: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS



CERTIFICATE OF APPOINTMENT

Mr. Srinivasan Selvaraj fulfills the requirements of the Environment and Energy Certification Body of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification Details

Standard	Sectoral Scope	Technical Area	Technical Area Description	Role
CDM/GCC/GS/A6.4*	SS1, SS3, SS5, SS 13	1.1, 1.2, 3.1, 5.1, 13.1, 13.2	1.1 Thermal Energy Generation 1.2 Renewables 3.1 Energy Demand 5.1 Chemical Industry 13.1 Solid waste and wastewater 13.2 Manure	VAL/VER/ATL/TR/TE
VCS	-	1, 3, 5, 13	1_Energy renewable 3_Energy demand 5_Chemical industry 13_Waste handling and disposal	(renewable/non- VAL/VER/ATL/TR/TE
CMS77	-	-	Low Carbon / Blue Hydrogen and its derivatives	TR

*The appointment under A6.4 is on a provisional basis and will be continued based on successful performance during the monitoring of the first project.

Country Expertise: India

Certificate Number: CB-IND-CCP-0067/006

Issued on: 23/12/2025

Valid until: 22/12/2026

Version	Date	Reason for Revision
01	26/11/2024	Initial appointment
02	09/05/2025	TR role added for CMS77
03	10/6/2025	A6.4 scheme and SDG_E role have been added
04	01/08/2025	SDG_E role has been revoked
05	24/11/2025	Renewal
06	23/12/2025	Renewal

Legend:
VAL - Validator, VER - Verifier, ATL - Audit Team Leader, TR - Technical Reviewer, TE - Technical Expert, FE - Financial Expert, CE - Country Expert, EE - Environment Expert, SE - Social Expert
CDM - Clean Development Mechanism, VCS - Verified Carbon Standard, GS4GG/GS - Gold Standard for Global Goals, GCC - Global Carbon Council, PPRS - Plastic Pollution Reduction Standard, VP - VERRA Plastic, A6.4 - Article 6.4

This appointment is bound by internal requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd. In case of loss of validity of this certificate as per result of an assessment according to internal procedures or due to any other reason, it will be properly communicated to you.

Briga Suman

Issued By
Quality Manager

EnE-CB-CMS-POG-01/05, 08/20-02-2025

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CERTIFICATE OF APPOINTMENT

Ms. Sumbul Rizwan fulfills the requirements of the Environment and Energy Certification Body of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification Details

Standard	Sectoral Scope	Technical Area	Technical Area Description	Role
CDM/ GS4GG / GCC/A6.4*	SS1, SS3	1.2 3.1	1.2_Renewables 3.1_Energy Demand	VAL/VER/SDG_E
VCS	-	1, 3	1_Energy industries (renewable) 3_Energy Demand	VAL/VER
PPRS	-	-	Handling Plastic Waste	VAL/VER
VERRA Plastic	-	-	Handling Plastic Waste	VAL/VER

**The appointment under A6.4 is on a provisional basis and will be continued based on successful performance during the monitoring of the first project*

Country Expertise: India

Certificate Number: CB-IND-CCP-0038/006

Issued on: 10-06-2025

Valid until: 11-05-2026

Version	Date	Reason for Revision
01	20-05-2024	Initial appointment
02	26-06-2024	Added T.A. 3.1 for CDM
03	17-10-2024	Added VCS scheme
04	26-11-2024	Added plastic schemes and formatting changes in the table above
05	12-05-2025	Added GCC Scheme and renewal
06	10-06-2025	A6.4 scheme has been added

Legend:
VAL - Validator, VER - Verifier, ATL - Audit Team Leader, TR - Technical Reviewer, TE - Technical Expert, FE - Financial Expert, CE - Country Expert, EE - Environment Expert, SE - Social Expert
CDM - Clean Development Mechanism, VCS - Verified Carbon Standard, GS4GG / GS - Gold Standard for Global Goals, GCC - Global Carbon Council, PPRS - Plastic Pollution Reduction Standard, VP - VERRA Plastic, A6.4 - Article 6.4, SDG_E - SDG Expert

This appointment is bound by internal requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd. In case of loss of validity of this certificate as per result of an assessment according to internal procedures or due to any other reason, it will be properly communicated to you.

Briga Suman

Issued By
Quality Manager

EnE-CB-CMS-POG-01/05, 08/20-02-2025

TÜV SÜD South Asia • Solitaire, 4th Floor • ITI Road, Aundh • Pune - 411007 • Tel.: +91 20 6684 1200 • Fax: +91 20 6684 1261

CERTIFICATE

CERTIFICATO

証明書

CERTIFICADO

CERTIFICATE

ZERTIFIKAT



CERTIFICATE OF APPOINTMENT

Mr. Deepiyoti Basak fulfills the requirements of the Environment and Energy Certification Body of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification Details

Standard	Sectoral Scope	Technical Area	Technical Area Description	Role
CMS77	-	-	Low Carbon / Blue Hydrogen and its derivatives	VAL/VER
CDM/GS/GCC/VCS/A6.4*	SS1, SS3 & SS10	1.2, 3.1, 10.1	1.2_Renewables 3.1_Energy Demand 10.1_Fugitive emissions from oil and gas	VAL/VER,
ISO 14064-1	-	1, 2, 13	1_Power Generation and Electric Power Transactions 2_General Manufacturing (physical or chemical or transformation of materials or substance into new products) 13_General	VAL/VER
ISO 14064-2	-	1, 3, 10	1_Energy industries (renewable) 3_Energy demand 10_Fugitive emissions from fuels (solid, oil and gas)	VAL/VER

*The appointment under A6.4 is on a provisional basis and will be continued based on successful performance during the monitoring of the first project

Country Expertise: India

Certificate Number: CB-IND-CCP-0050/005

Issued on: 27-08-2025

Valid until: 26-08-2026

Version	Date	Reason for Revision
01	29-08-2024	Initial appointment
02	06-01-2025	Added carbon credit schemes and ISO 14046-1 & 2
03	10-6-2025	A6.4 scheme and SDG E role have been added
04	01-08-2025	SDG E role has been revoked
05	27-08-2025	Renewal

Legend:

VAL - Validator, VER - Verifier, ATL - Audit Team Leader, TR - Technical Reviewer, TE - Technical Expert, FE - Financial Expert, CE - Country Expert, EE - Environment Expert, SE - Social Expert, CR - Critical Reviewer
CDM - Clean Development Mechanism, VCS - Verified Carbon Standard, GS4GG / GS - Gold Standard for Global Goals, GCC - Global Carbon Council, PPRS - Plastic Pollution Reduction Standard, VP - VERRA Plastic, A6.4 - Article 6.4, SDG_E - SDG expert

This appointment is bound by internal requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd. In case of loss of validity of this certificate as per result of an assessment according to internal procedures or due to any other reason, it will be properly communicated to you.

Priya Suman
Issued By
Quality Manager

EnE-CB-CMS-POG-01/05, 08/20-02-2025

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CERTIFICATE OF APPOINTMENT

Mr. Rishi Raychoudhury fulfills the requirements of the Environment and Energy Certification Body of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification Details

Standard	Sectoral Scope	Technical Area	Technical Area Description	Role
CDM/GCC/A6.4*	SS1, SS3	1.2, 3.1	1.2 Renewables 3.1 Energy Demand	VAL/VER/ATL/TR /TE / SDG_E
GS	GS4GG, Energy and Waste, Land use and Forest		1.2 Renewables 3.1 Energy Demand	VAL/VER/ATL/TR /TE
VCS		1, 3	1 Energy Industries (renewables), 3 Energy Demand	VAL/VER/ATL/TR /TE
ISO 14064-1		13	13 General	VAL/VER/ATL/TR /TE
ISO 14064-2		1, 3	1 Energy Industries (renewables), 3 Energy Demand	VAL/VER/ATL/TR /TE
PAS 2060			Carbon Neutrality	VAL/VER/ATL

*The appointment under A6.4 is on a provisional basis and will be continued based on successful performance during the monitoring of the first project.

Country Expertise: India

Certificate Number: CB-IND-CCP-0046/005

Issued on: 01-08-2025

Valid until: 17-07-2026

Version	Date	Reason for Revision
01	19-07-2024	Initial appointment
02	24-07-2024	Added GS scheme
03	04-10-2024	Added PAS 2060
04	10-06-2025	A6.4 scheme and SDG_E role have been added
04.1	18-07-2025	Renewal
05	01-08-2025	SDG_E role has been added

Legend:

VAL - Validator, VER - Verifier, ATL - Audit Team Leader, TR - Technical Reviewer, TE - Technical Expert, FE - Financial Expert, CE - Country Expert, EE - Environment Expert, SE - Social Expert
CDM - Clean Development Mechanism, VCS - Verified Carbon Standard, GS4GG / GS - Gold Standard for Global Goals, GCC - Global Carbon Council, PPRS - Plastic Pollution Reduction Standard, VP - VERRA Plastic, A6.4 - Article 6.4, SDG_E - SDG Expert

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Priya Suman

Issued By
Quality Manager

EnE-CB-CMS-POG-01/05, 08/20-02-2025

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