



Renewable Solar Power Project by Adani



South Asia

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Project title	Renewable Solar Power Project by Adani
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Verification period	01-December-2021 to 31-October-2024
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Version	03
VCS Standard Version	V 4.7
Client	EKI Energy Services Limited

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Summary:**A description of the verification of the project.**

TUV SUD South Asia Pvt Ltd, hereafter referred to as TUV SUD, was appointed by Adani Renewable Energy Limited to conduct the Fourth periodic verification of the "Renewable Solar Power Project by Adani" under VCS standard version 4.7. The objective of this verification is to have an independent third-party assessment of the project design and monitoring report to ensure thorough evaluation against applicable CDM and VCS requirements. The primary goal of this project is to generate clean electricity using renewable solar energy. The project involves the installation of a 200 MW solar power plant in Gujarat and Rajasthan. Over the first 10-year crediting period, the project is expected to reduce greenhouse gas (GHG) emissions by approximately 437,825 tCO₂e annually. This will displace around 467,362 MWh of electricity per year from the Indian grid, which is predominantly powered by thermal and fossil fuel-based plants. The start date of project activity is 02-August-2019 is the date of commissioning of 100 MW solar PV project activity.

During the current monitoring period of 01-December-2021 to 31-October-2024, the total GHG emission reductions achieved by this project activity is 1,312,873 tCO₂e.

The purpose of the verification.

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 reports and the project's compliance with relevant VCS, program 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 current monitoring period of 01-December-2021 to 31-October-2024.

The method and criteria used for verification:

(a) Desk review, involving:

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

(b) onsite assessment involving:

- Assessment of the implementation and operation of the VCS project activity as per the registered VCS PD

- Review of information flows for generating, aggregating and reporting the monitoring parameters
- Interview with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the VCS PD
- A cross-check between information provided in the monitoring report and data from other sources such as inventories, purchase records, or similar data sources
- A check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the VCS PD and the applied methodology.
- Review of calculations and assumptions made in determining the GHG data and emission reductions.
- Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters.

Number of Finding raised during Verification.

A risk-based approach has been followed to perform this verification. During verification, a total of 09 findings were raised, which includes: 05 Corrective Action Request (CAR); 04 Clarification Requests (CLs); and 0 FAR were raised.

All the raised findings were successfully resolved by the PP.

The VCS MR /02/, emissions reduction calculations /03/ along with the supporting documents provided are considered to be in line with all the VCS standard requirements. The verification team has detected no further uncertainties or quality restrictions.

Summary of verification Conclusion.

In TUV SUD opinion, the emission reduction reported for the “Renewable Solar Power Project by Adani” in the monitoring report is fairly and correctly stated. The TUV SUD is therefore able to certify that the emission reduction from the “Renewable Solar Power Project by Adani” in India during the period from 01-December-2021 to 31-October-2024, is amount 1,312,873 tCO₂e.

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1 INTRODUCTION

1.1 Objective

TUV SUD South Asia Pvt Ltd, has been appointed by Adani Renewable Energy Limited to conduct the Fourth periodic verification of the "Renewable Solar Power Project by Adani Renewable Energy Limited" under VCS standard version 4.7. The objective of this verification is to have an independent third-party assessment of the project design and monitoring report to ensure a comprehensive evaluation of the proposed project activity against applicable CDM and VCS requirements.

- The project's baseline is assessed against "ACM0002 - Version 19".
- The project's monitoring plan is assessed against "ACM0002 - Version 19".
- VCS standard v 4.7
- VCS program guide v 4.4
- GS4GG validation and verification standard for project activities, Version 01.0.
- The project is implemented as described in the VCS Project Description document /01/and monitoring report/02/.

The monitoring system is implemented and fully functional to generate emission reductions without any double counting, and the data reported are accurate, complete, consistent, transparent and free of material error or omission by checking the monitoring records and the emissions reductions calculation.

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 Standard (v4.7) /B01/
- VCS Program Guide (v4.4) /B06/
- CDM Methodology: ACM0002. Grid-connected electricity generation from renewable sources Version 19. /B02/

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 registered VCS PD.
- To assess the project's compliance with other relevant rules including the host country legislation.
- 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 to be certified.

The method and criteria used for verification consisted of the following phases:

- Completeness check and desk review
- Physical interviews with stakeholders
- Resolution of outstanding issues and issuance of final verification report and applicable Verification Deeds of Representation.

TUV SUD has conducted verification activity with all rules to safeguard impartiality and ensure the independence of the verification team. The verification team does not provide any consultation or recommendations for the client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the monitoring activities

1.3 Level of Assurance

TUV SUD planned and conducted the verification by gathering evidence, information, and explanations deemed necessary by the assessment team to provide reasonable assurance that the reported estimated GHG emission reductions are accurately stated. All documentary evidence was reviewed, and an onsite audit was performed by the team. Technical details and metering/monitoring arrangements were verified through photos and certificates provided by the Project Proponent (PP) to reach a verification conclusion.

In our opinion, the estimated GHG emission reductions were correctly calculated based on the approved baseline and monitoring methodology "ACM0002 - Version 19" and the VCS standard.

1.4 Summary Description of the Project

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. The project involves installation of 200 MW solar project in Gujarat and Rajasthan.

Name of the SPVs	Capacity (MW)	COD	Connection with the Grid	State	Usage
Adani Renewable Energy (RJ) Limited	100	02-August-2019	Indian Grid	Rajasthan	Sale to Grid
	100	21-August-2019			

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.

The PP has entered into long term power agreement with the State Electricity Distribution Co. Ltd. and Adani Renewable Energy same has been verified from Power purchase agreement /10/. 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. Same is verified with copies of Commissioning certificates/07/ provided by PP to assessment team.

During the current monitoring period of 01-December-2021 to 31-October-2024, the total GHG emission reductions achieved by this project activity is 1,312,873 tCO_{2e}.

The verification team confirms the Geo-coordinate of the project activity is consistent during onsite audit.

Latitude -27° 24' 33.1",

Longitude -72° 12' 04.3" Jodhpur, Rajasthan

2 VERIFICATION PROCESS

2.1 Method and Criteria

The method and criteria used for verification: The project assessment is based on the "GS4GG validation and verification standard for project activities, Version 1.0 and "VCS standard v4.7 and VCS Program Guide version 4.4 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.

The verification consists of the following phases:

1. 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 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 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.

2. Completeness check and desk review of the validation report, monitoring plan, monitoring report, monitoring methodology, VCS PD and supporting documents (as a part of evidence gathering) and applicable tools in particular attention to the frequency of measurements, quality of metering equipment including calibration requirements, QA/QC procedures and other relevant documents.
3. Onsite interviews (including follow-up interviews with project stakeholders, when deemed necessary). This includes the following:
 - ✓ An assignment of implementation and operation of project activity with respect to validated VCS PD.
 - ✓ Review of the supporting documents provided by the PP.
 - ✓ Review of information flows for generating, aggregating and reporting the monitoring parameters.
 - ✓ Interview with relevant personals to determine whether the operational and data collection procedures are implemented and in accordance with the monitoring plan of the validated VCS PD.
 - ✓ Cross check of information and data provided in the monitoring report with purchase records or similar data sources.
 - ✓ Review of assumptions made in calculating the emission reductions (if any).
 - ✓ Implementation of QA/QC procedure in-line with the VCS PD and methodology requirements.
4. Resolution of outstanding issues and the issuance of the final Verification report and as applicable the VCS Verification Deed of Representation.

Milestone description	Time
Sharing of Audit Plan to client	22/05/2025
Date of onsite audit	06/06/2025 to 07/06/2025
Issuance of Draft Verification Report along with List of Findings	11/06/2025
Issue of final report	13/10/2023

2.2 Document Review

During the document review, TUV SUD Applied standard auditing techniques to evaluate the quality of the provided information. The verification was primarily based on the examination of the monitoring report and supporting documentation. This process included:

- Reviewing the data and information presented by the PP to ensure completeness.
- Assessing the MP and monitoring methodology, with a focus on measurement frequency, the quality of metering equipment including calibration requirements, and QA/QC procedures.
- Evaluating data management and the QA/QC system in terms of their impact on the generation and reporting of ERs.

The initial review of the monitoring report (version 1) led the verification team to request additional supporting information and documents from the PP. These documents were subsequently reviewed by the verification team. Throughout the verification process, the revised monitoring report and supporting documents were assessed to confirm the PP's actions in response to the CARs and CLs issued by the verification team.

The list of documents referenced during this verification is provided in Appendix-2.

2.3 Interviews

The table below describes the onsite audit process and further identifies personnel, including their roles, who were interviewed and/or provided with information additional to that provided in the project description, Monitoring report /02/ and any supporting documents.

Sl.No	Date	Name of the person	Organization	Topic Discussed	Audit team on site
1	06-June-2025- 07-june-2025	Mr. Venkat Devi prasad k, (DM)	AGEL	Brief project description by the PP.	Mr. Rishi Raychoudhury
2		Mr. Robin Kumar Jha, (Asst Manager)	AGEL	Discussion on project Implementation status and Legal requirements.	
3		Mr. Anuj Kashyap, (manager)	AGEL	Any deviation in the project activity	
4		Mr. Keshav.Y (jnr. Engineer)	AGEL	Role and responsibility Carbon credit ownership.	
5		Mr. Sudev Singh, (S.E)	AGEL	Onsite assessment	
6		Mr. Indrajit.C, (Manager)	AGEL	Discussion on Monitoring plan, monitoring process, operational and management structure for	
7		Mr. Ganga Ram, (Transport vendor)	Local stakeholder		

8		Mr. Dola Ram, Office boy	Local stakeholder	monitoring, and responsibility.	
9		Mr. Jitendra Singh, Supervisor	AGEL	Institutional arrangement for data collection and archiving.	
10		Mr. Mangu Singh, Supervisor manpower vendor	Local Stakeholder	Implementation of monitoring plan as per the registered PD and MR.	
				Testing / Calibration of metering equipment & measurement, monitoring, recording & storage of data and observations of monitoring practices against the requirements of the PD and the methodology.	
				Cross check the emission reductions calculation in line with the monitoring procedure mentioned in the MR and registered PD.	

2.4 Site Visits

An on-site assessment of the project activity was conducted from 06-june-2025 to 07-june-2025 evaluated its implementation and operation as per the registered VCS PD. This assessment included:

- Reviewing the aggregation and reporting of monitoring parameters.
- conduct interviews with relevant personnel to confirm that operational and data collection procedures are implemented according to the MP.
- Performing an on-site assessment of the Solar plant and cross-checking generation data from the sub-station.
- Cross-checking product sales information provided in the MR with data from other sources.
- Checking the monitoring equipment, including calibration performance, and observing monitoring practices against the requirements of the VCS PD and the applied monitoring methodologies.
- Reviewing calculations and assumptions made in determining the GHG data and ERs.
- Identifying QA/QC procedures in place to prevent, or identify and correct, any errors or omissions in the reported monitoring parameters.

In addition, during the onsite audit the verification team interviewed the PP including other relevant stakeholders and it was confirmed that the before the project activity grid connected power was used which was predominantly fossil fuel based. Thus, the baseline scenario is in compliance with the requirements of the applied methodology ACM0002 - Version 19.

2.5 Resolution of Findings

During this verification, TUV SUD has identified issues related to the monitoring, implementation or operation of the VCS project that could impair the capacity of the proposed VCS project to achieve project emission reductions or influence the reporting of emission reductions. The verification team has identified these issues, kindly refer to Appendix 03 of this Verification report.

- ✓ Clarification requests (CLs): Project reporting lacks transparency and further information is needed to determine if a material discrepancy is present.
- ✓ Corrective action requests (CARs): The VVB has identified a material discrepancy or non-conformance that the project proponent must address.

The verification team identified 05 CAR and 4 CLs. All CAR and CLs raised by verification team during this verification have been resolved. There is No outstanding FAR from the validation and 00 FAR is raised in this verification.

Areas of validation and verification findings	No. of CL	No. of CAR	No. of FAR
Project design document and Monitoring report	--	--	--
Description of project activity	01,04	01,05	
Application of selected baseline and monitoring methodology and selected standardized baseline	--	--	--
Applicability of methodology and standardized baseline	--	--	--
Deviation from methodology	03	--	--
Clarification on applicability of methodology, tool and/or standardized baseline	--	--	--
Project boundary	--	--	--
Establishment and description of baseline scenario	--	--	--
Demonstration of additionality	--	--	--
Emission reductions	--	--	--
Calibration details	--	--	--
Monitoring plan	02	--	--
No Net harm assessment	--	03.04	--
Local stakeholder consultation	--	02,	--
Other SDGs	--	--	--
Total	04	05	00

2.5.1 Forward Action Requests

No FAR is raised.

2.6 Eligibility for Validation Activities

This section is not applicable for present verification. As TUV SUD holds the accreditation for Validation of projects under the Sectoral Scope-1.

3 VALIDATION FINDINGS

3.1 Methodology Deviations

There is no methodology deviation identified during the current monitoring period.

3.2 Project Description Deviations

The deviation below has been approved in last verification period. The same has been checked and confirmed by the verification team.

Deviation 1. Deviation has been requested as the connectivity details given in the Commissioning Certificate issued by the state utility, Maharashtra State Electricity Distribution Company Limited (MSEDCL): -

Metering Equipment installed at Sending end at the 33 kV Grid Substation)

125 MW Main Meter: RE-0001-A

125 MW Check Meter: RE-0002-A

125 MW Standby Meter: RE-0003-A

75 MW Main Meter: RE-0004-A

75 MW Check Meter: RE-0005-A

75 MW Standby Meter: RE-0006-A

The above meters have been installed at Sending end at the 33 kV Grid Substation) and used for data collection and scheduling readings. Also, in reference to the Power Purchase Agreement signed by PP with the State Utility, for the purpose of energy accounting the power producer shall install ABT compliant meter at the metering point which have been mentioned above.

It is to be noted that initially, at the time of validation of project activity, the following meters were taken as part of the Monitoring plan. These are installed at the interconnecting point which is Bhadla Substation owned by the Power Grid Corporation of India Limited (PGCIL).

S. No. of Main Meter: 4517-A

S. No. of Check Meter: 4512-A

S. No. of Standby Meter: 3649-A

Now the reason for seeking this deviation for change in meters in monitoring plan being the aforesaid meters at the PGCIL substation are beyond the control of Project Proponent because they are owned and operated by PGCIL and PP does not have any role in their calibration and operation. Also, it does not play any role in the current billing and monitoring process detailed below: -

The current Billing procedure is as below: -

- In case of Inter-State grid connected RE projects, billing/invoicing is done based on REA basis which is issued by Regional Power Committee. In this process, there is no joint metering done by govt. officials and project representative, entire process is automated. As this project is located in Rajasthan and delivering electricity to Maharashtra (PPA signed with MSEDCL), thus, this project is also categorized as Inter-State project.
- In the grid inter-connection point i.e. at grid sub-station, ABT meters mentioned below are located and capturing the actual export and import of electricity from the project.
 - 125 MW Main Meter: RE-0001-A
 - 125 MW Check Meter: RE-0002-A
 - 125 MW Standby Meter: RE-0003-A
 - 75 MW Main Meter: RE-0004-A
 - 75 MW Check Meter: RE-0005-A
 - 75 MW Standby Meter: RE-0006-A

- After specific interval (presently, once in a week, however, can also be changed as per DISCOM's decision), project representative electronically download the generation report from the ABT meter and upload the same on Northern Regional Load Dispatch Centre's dedicated web-interface. Same has been verified from PP during the onsite Audit.
- Based on the encrypted generation report, Northern Regional Power Committee issue the REA which mentioned actual net electricity injected by the project for that specific month. Post issuance of REA, project proponent is issuing the monthly invoice for billing purpose.

In addition to that reference may please be made to the snapshot in MR section "3.2.2 deviation 1" of the SCADA page shows the 6 no. of meters which are the source of data for all Energy Accounting of the project activity. These have been installed at project end and the PP has access to them for collection of data and calibration as well.

Deviation 2. The Make and Capacity of the Modules installed at site have been updated as per the Commissioning Certificate issued by the State Utility:

Module Make- MSPVL, Jinergy, Chint

Capacity- 325Wp, 330 Wp, 335 Wp

Deviation 3. Deviation requested as per the current site practice; the Monthly REA statements are issued by Northern Regional Power Committee instead of Western Regional Power Committee.

Deviation 4. Deviation requested as per current site practice that there are no auxiliary meters and only the meters mentioned in Deviation #1 above located at the plant site.

Deviation 5. Deviation requested for change in cross check mechanism given in the registered PDD. As per current site practice, the power sale invoices are used for cross checking the Quantity of net electricity generation supplied by the project plant/unit to the grid instead with the Monthly Generation Report. The monthly sales invoices being more reliable source for cross check as the same is raised by PP to the utility every month.

Verification team confirms that this deviation has already approved in previous verification.

Deviation assessed in this monitoring period 01-December-2021 to 31-October-2024

Deviation 01: The deviation applied in the current monitoring period (01-December-2021 to 31-October-2024)- The make and capacity of the modules installed have been updated in accordance with the latest data received from the site. The module has been replaced by the old module.

Module Make- Longi

Capacity- 375 Wp

Deviation 02: This is identified during site the geocoordinates of the project activity are inconsistent with the registered PDMR. For the same PD has applied the deviation and corrected the geocoordinates of the project activity in the monitoring report. Hence this deviation is correctly applied.

3.3 New Project Activity Instances in Grouped Projects

The project is an individual project and not a grouped project.

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	Audit Type	Period	VVB name	No: of years
	Validation	02-August-2019 to 01-August-2029	Earthood services Private limited.	10 years
	Verification	02-August-2019 to 30-November-2019	Earthood services private limited.	3 months, 30 days

	verification	01-December-2019 to 31-December-2020	LGAI Technologic al Canter S.A.	1 year, 1 month
	verification	01-January-2021 to 30-November-2021	LGAI Technologic al Center S.A.	11 months
	verification	01-December-2021 to 31-October-2024	TUV SUD South Asia Pvt Ltd.	2 years 11 months
Double counting and participation under other GHG programs	The monitoring system is implemented and fully functional to generate emission reduction without any double counting. A project is not receiving or seeking credit for reductions and removals from a project activity under another GHG program. The verification team has confirmed that the project activity has not participated or been rejected under any other GHG Programs and emission allowance trading programs. The project activity has applied only under VCS for registration and the same has been cross verified by the verification team by exploring /checking/visiting other GHG programs like, GS, CDM, GCC etc. or non-GHG program like REC, iRECs, etc. Furthermore, the PP has provided the declaration on No double Counting which has been verified by the verification team./11/			
No double claiming with emissions trading programs or binding emission limits	The project activity has applied only under VCS for registration. It has been cross verified by the verification team by exploring / checking/ visiting other GHG programs like, GS, CDM, GCC etc. or non-GHG program like REC, iRECs, etc.PP has also provided the declaration for No double claiming. To ensure there would be no double claiming with other emissions trading programs. /11/ The same has been verified by the verification team.			

No double claiming with other forms of environmental credit	The project activity has applied only under VCS for registration.. Also, verification team confirms that the PP has provided enough declaration for same./11/
Supply chain (scope 3) emissions double claiming	The project activity does not affect the emission footprint of any product (good or services) that is part of a supply chain.
Sustainable development contributions	The verification team observed that Project has implemented the activities which result in SDG contribution. SDG -7 Affordable and Clean Energy: Since the project activity is a solar power project, it generates clean energy. Same has been verified by PD/01/ and ER sheet /03/ SDG -8 Decent work and Economic Growth: SDG Target 8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training of 20 people. Verification team has confirmed the same by checking the salary slip and training records. /12/,13/, /14/ SDG 13. SDG 13 Climate Action: The main purpose of this project activity is to generate a clean form of electricity through renewable solar energy sources. Same has been confirmed from PD/01/, MR/02/, and ER sheet /03/.
Additional information relevant to the project	On the basis of reviewing registered VCS PD & validation report, MR , the verification team can confirm no sensitive information has been excluded from the public versions of project documents.

4.2 Safeguards and Stakeholder Engagement

4.2.1 Stakeholder Identification

Item	Evidence gathering activities, evidence checked, and assessment conclusion
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Stakeholder identification	The verification team confirms that the PP identified the relevant stakeholders for this project by analysing several factors: the individuals and groups directly impacted by the project in their daily lives, the influence of local, regional, provincial, and national government policies on the project's implementation and operation, and the presence of other entities with social or political influence in the project area. 1. Gram panchayat Representatives 2. Local Villagers 3. Civil contractors 4. AGEL employees 5. Representatives from the local pollution control board Verification team has confirmed same by onsite Audit.
Legal or customary tenure/access rights	Verification team confirms during site visit that the local stakeholders, employees have access to the project site and access to the resources. 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.
Stakeholder diversity and changes over time	Verification team confirms 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. Same has been confirmed by onsite interviews.
Expected changes in well-being	Verification team confirms by discussing with the stakeholder during onsite audit that these are the expected changes in wellbeing due to project activity. 1. Economic well-being – the project activity is likely to provide employments to the locality thus economic well beings are expected

	2. Environmental well-being – as this project activity cuts down GHG emissions in the atmosphere generating electricity using solar energy; thus, it will bring environmental well-being in the locality.
Location of stakeholders	Rawra, District: Jodhpur (Rajasthan)
Location of resources	Rawra, Taluka: Bap, District: Jodhpur, Rajasthan

4.2.2 Stakeholder Consultation and Ongoing Communication

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Ongoing consultation	Ongoing communication of stakeholders was followed through grievance mechanism. If any concerns received during operation of project activity, same were to be addressed if relevant to project activity. verification team confirmed during onsite audit that register is kept at the project site office where any stakeholder can come and share his/her feedback. /09/
Date(s) of stakeholder consultation	06-June-2019
Communication of monitored results	PP has kept the grievance register at project site and are kept for comments of stakeholders and to inform them back for action taken on the comments. The verification team has checked the feedback registered; there is neither major nor minor comments received from the stakeholder. Also, the Verification team has observed that there is no comments from grievance record
Consultation records	The verification team confirmed the method for documenting the outcomes of local stakeholders' ongoing consultation and account of all inputs received through reviewing of feedback.

Stakeholder input	No major negative inputs are received during this and previous monitoring period confirmed by the verification team.
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4.2.3 Free, Prior, and Informed Consent

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Consent	Verification team confirms from the initial PD that information regarding persons and entities likely to be involved in the execution of the project activity was shared with stakeholders, and the project was implemented after their collective consent. Project proponent has disclosed the purpose of project, locations will be affected, Scope, Person likely to be involved in project etc, prior to the project development.
Outcome of FPIC discussion	The verification team assessed that Stakeholders were informed in advance regarding the project implementation and impacts or other relevant details. It also assures that the project has not encroached on land, relocated people without consent, and forced physical or economic displacement. Same has been confirmed with initial PD and during onsite audit.

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	There is neither major nor minor grievance received for the current monitoring. The verification team has confirmed the same from the report submitted by PP./09/

Grievance redress procedure	Not Applicable
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4.2.5 Public Comments

Comments received	Actions taken by the project proponent	Evidence gathering activities, evidence checked, and assessment conclusion
No comment received in this current monitoring period	. Not Applicable	
...		

4.2.6 Risks to Local Stakeholders and the Environment

4.2.6.1 Management Experience

In the section 2.2.1 of MR, PP ha described that there are no new entities involved in the project's design and implementation. The team has proven record of managing the operations, Community engagement with specific to environmental and social aspects. The project team which operates within in organization is approved by board members and consists of professionals. Same has been verified and discussed during the onsite Audit. Hence verification team here by confirms that the management Team of the PP has significant expertise and experience in implementing similar projects.

4.2.6.2 Risk Assessment

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Natural and human induced risks to stakeholders' wellbeing	Since it is a solar project No Natural and human-induced risks to stakeholders' wellbeing. verification also confirms that PP has taken all Preventive measures to ensure the same.

Risks to stakeholder participation	Verification team confirmed that No risk to stakeholder participation is anticipated. Verification team confirmed during the onsite audit that project is proceed smoothly without significant barriers or obstacles that would hinder stakeholders.
Working conditions	Verification team confirms that PP is following and implementing environmental policy and health policy. Hence, no risk has been identified./15/,/17/.
Safety of women and girls	Verification team found that PP ensures safety of women and girls in the project site in compliance with local regulations like “ <i>The Protection of Women from Domestic Violence Act, 2005</i> ” Also Company is following policy on prevention on sexual harassment./18/
Safety of minority and marginalized groups, including children	Verification team found that PP ensures the protection of minority and marginalized communities, including children, at the project site in compliance with local regulations. It is observed that the PP is Following the national laws of “The Child Labour (Prohibition and Regulation) Act.
Pollutants (air, noise, discharges to water, generation and release of hazardous materials and chemical pesticides and fertilizers	Since the project is solar, there is only negligible pollution in air, noise, water due to implementation and operation of the project activity. Verification team confirms that PP is following the Environmental policy /15/ and “Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016 and amended in November 2021”. to ensure the waste generated is managed without fail.

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	Verification team confirms that there is no risk has been identified, and pp is following the guidelines for prevention of discrimination. Same has been verified through interview and by Company policies.
Sexual harassment	Verification team confirms that there is no risk has been identified, and PP is following the national law of “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 Along with the company policy for prevention of sexual harassment/18/ which is verified by onsite Audit.
Gender equity in labor and work	Verification team confirm that PP is following policy on human right /17/ stating its commitment to non-discrimination-based gender equity in labor and work. Same has been Verified through direct interview during onsite Audit.
Forced labor	Verification team confirm that PP is following policy on human right /17/ stating prevention of forced labor. Same has been Verified through direct interview during onsite Audit.
Child labor	Verification team confirm that PP is following policy on human right /17/ stating prevention of child labor. Same has been Verified through direct interview during onsite Audit.
Human trafficking	Verification team confirm that PP is following policy on human right /17/ stating prevention of human trafficking. Same has been Verified through direct interview during onsite Audit.

4.2.7.2 Human Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No Risk Identified	Verification team confirm that pp has taken free, prior and informed consent along with Non-discriminatory measurements.

	The verification team confirms that the participation in the project activity is distributed without cultural or social biases. In case any violation of human rights happens, it will be taken care by the PP with process documents. Project activity is also leading to employment and training for the local stakeholders. Same has been verified through the PD/01/, ER sheet /03/ and by interview during onsite audit.
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4.2.7.3 Indigenous Peoples and Cultural Heritage

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No Risk identified	Verification team confirms that the project activity does not impact the tangible or intangible cultural heritage or the indigenous people nearby.

4.2.7.4 Property Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No risk identified	Verification team observed that the project activity has obtained the free, prior and informed consent of the stakeholders (including the IPs, LCs, and customary rights holders). Also during onsite audit it is confirmed that the land /property of the project activity belongs to the proponent.

4.2.7.5 Benefit Sharing

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Summary of the benefit sharing plan	Verification team has confirmed that there is no benefit-sharing agreement in the project activity
Benefit sharing during the monitoring period	Not applicable

4.2.8 Ecosystem Health

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Impacts on biodiversity and ecosystems	This is a solar project, there are no major impacts on biodiversity and ecosystem. Hence, no risk identified.
Soil degradation and soil erosion	This is a solar project, there is no major impact on soil degradation. Hence, no risk identified.
Water consumption and stress	Water consumption is at a moderate level even though it is observed that the level of stress is likely less. The same has been verified by interview with PP.

4.2.8.1 Rare, Threatened, and Endangered species

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Species or habitat	Verification team confirms that the projects activity has not adversely impacted habitats for rare, threatened, or endangered species during the monitoring period.

Areas needed for habitat connectivity	The Project activity 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	Not Applicable
Areas for habitat connectivity	Not Applicable

4.2.8.2 Introduction of Species

Species introduced	Evidence gathering activities, evidence checked, and assessment conclusion
Not Applicable	Not applicable as this is a renewable energy project.

Existing invasive species	Evidence gathering activities, evidence checked, and assessment conclusion
Not Applicable	Not applicable as this is a renewable energy project.

Evidence gathering activities, evidence checked, and assessment conclusion	
Invasive species	Not applicable as this is a renewable energy project.

4.2.8.3 Ecosystem conversion

Item	Evidence gathering activities and evidence checked
Ecosystem conversion	Not applicable as this is a renewable energy project.

4.3 Accuracy of Reduction and Removal Calculations

The baseline emissions are calculated by;

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

Where:

BE_y : Baseline Emissions in year y; t CO₂

$EG_{PJ,y}$: Quantity of net electricity supplied to the grid as a result of the implementation of the VCS project activity in year y (MWh)

$EF_{grid,CM,y}$: CO₂ emission factor of the grid in year y (t CO₂/MWh)

Hence, the Baseline Emission Factor is calculated as below:

$$\begin{aligned} BE_y &= 1,401,445.36 \text{ MWh} \times 0.9368 \text{ tCO}_2\text{e} \\ &= 1,312,873 \text{ tCO}_2\text{e} \end{aligned}$$

$$ER_y = BE_y - PE_y$$

$$\begin{aligned} \text{Hence, } ER_y &= 1,312,873 - 0 \\ &= 1,312,873 \text{ tCO}_2\text{e (Round down value)} \end{aligned}$$

Project emissions are calculated by.

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.

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

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 is calculated by;

As there is no transfer of energy generating equipment from outside the project boundary, hence no leakage emissions are to be considered.

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 VCUs (tCO ₂ e)
01-December-2021 to 31-December-2021	35,638	0	0	35,638	0	35,638
01-January-2022 to 31-December-2022	450,638	0	0	450,638	0	450,638
01-January-2023 to 31-December-2023	454,737	0	0	454,737	0	454,737
01-January-2024 to 31-October-2024	371,860	0	0	371,860	0	371,860

Total	1,312,873	0	0	1,312,873	0	1,312,873
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Below given table provide the data parameters available at Validation

Parameters	Unit	Value	Assessment
$E_{f_{grid,OM,y}}$	tCO ₂ /MWh	0.9610	The verification team has checked the registered PD and ensured the Compliance.
$E_{f_{grid,BM,y}}$	tCO ₂ /MWh	0.8644	The verification team has checked the registered PD and ensured the Compliance.
$E_{f_{grid,CM,y}}$	tCO ₂ /MWh	0.9368	The verification team has checked the registered PD and ensured the Compliance.
W_{BM} Weighting of Build Margin emission factor for solar power generation project activities	%	25%	The verification team has checked the registered PD and ensured the Compliance.
W_{OM} Weighting of Operating Margin emission factor for solar power generation project activities	%	75%	The verification team has checked the registered PD and ensured the Compliance.

The details of monitoring parameters used for calculation of emission reduction are provided below:

Monitoring parameter requirement	Assessment/observation by the VVB
Data / Parameter	Net electricity generation supplied by the project plant/unit to the grid in year y in MWh $EG_{PJ,y}$ Unit- MWh
Measuring frequency / time interval	Continuous monitoring and Monthly recording from Energy Meters, Summarized Annually Verification team has checked the registered PD, found to be complied with the registered PD.
Reporting frequency	It is found that Monthly recording and reporting from Energy Meters, Summarized Annually. Verification team has checked the registered PD, found to be complied with the registered PD.
Reported value	The verification team has checked the monitoring report, ER sheet with value of 467,362 MWh/year
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes/No)	yes
Details of 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. ABT meters mentioned below 125 MW Main Meter: RE-0001-A 125 MW Check Meter: RE-0002-A

	125 MW Standby Meter: RE-0003-A 75 MW Main Meter: RE-0004-A 75 MW Check Meter: RE-0005-A 75 MW Standby Meter: RE-0006-A The verification team has checked with registered PD, found to be complied. The calibration details of the meters are mentioned in the
How was the value in the monitoring report verified?	The values in the monitoring report were verified through joint meter readings and the O&M contractor. monthly reports and the apportionment method outlined in the VCS PD were used to confirm power generation. Verification team has checked the registered PD, found to be complied with the registered PD.
Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of data and reporting of emission reduction and are necessary QA/QC processes in place?	The quantity of net electricity supplied can be cross- verified from the invoice raised by the project proponent and the readings available from the check meter available at site. Verification team has checked the registered PD, found to be complied with the registered PD. The verification team has also verified the quantity of net electricity through the supplied JMR and invoice and found it accurate.

Vintage period	Ex-ante estimated	Achieved reductions/removals	Percent difference	Explanation for the difference
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reductions/ removals				
01-December-2021 to 31-December-2021	37,185	35,638	-4.16%	The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The lower generation during the current verification period is due to certain natural conditions. The justification has been accepted by verification team.
01-January-2022 to 31-December-2022	437,825	450,638	2.93%	The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The difference in generation during the current verification period is due to certain natural conditions. justification has been accepted by verification team.
01-January-2023 to 31-december-2023	437,825	454,737	3.86%	The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The difference in generation during the current

				verification period is due to certain natural conditions. justification has been accepted by verification team.
01-January-2024 to 31-October-2024	365,854	371,860	1.64%	The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The difference in generation during the current verification period is due to certain natural conditions. justification has been accepted by verification team.
Total	1,278,689	1,312,873	2.67%	The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The difference in generation during the current verification period is due to certain natural conditions. justification has been accepted by verification team.

Verification team assessed that the annual average emission reduction as per registered PD is 437,825 tCO₂e per year. The estimated emission reductions attributed to this monitoring period comes out to be 1,278,689 tCO₂e. whereas the actual emission reductions achieved during the current monitoring period is 1,312,873. The actual VER is - 2.67% higher than the estimated VER.

PP has justified that generation of electricity depends upon many other climatic conditions, which is accepted by the verification team.

4.4 Quality of Evidence to Determine Reductions and Removals

The verification team ensured that the emission reduction report had a clear audit trail, containing evidence and records to validate the stated figures. All source documents supporting the assumptions and information underlying the GHG data were reviewed. When assessing the audit trails, the team examined:

- The availability of sufficient evidence, both in terms of frequency and coverage of the full monitoring period.
- The source and nature of the evidence.
- The availability of comparable information from other sources besides the monitoring report.

The verification team cross-checked the monitoring report against other sources to confirm the accuracy of the stated figures. They also assessed that the data collection system met the monitoring plan requirements as per the applied methodology. Proper data management, including data acquisition and aggregation, was followed for the project activity. The monitoring personnel on-site are well-trained, follow reproducible routines, and are competent to carry out the relevant tasks with sufficient accuracy.

4.5 Non-Permanence Risk Analysis

The verification team confirms that the project activity was operational during the complete monitoring period. Hence there is no further requirement for the non-performance analysis rating during the monitoring period of the project activity.

5 VERIFICATION OPINION

5.1 Verification Summary

TÜV SÜD South Asia Pvt. Ltd. conducted the 4th emission reduction verification for the registered VCS project “Renewable Solar Power Project by Adani” VCS 2043. This verification and certification covered the GHG emissions reductions reported in the latest monitoring report /02/. The report summarizes the verification findings based on VCS criteria and additional criteria to ensure consistent project operations, monitoring, and reporting.

project activity is to generate clean form of electricity through renewable solar energy source. The project involves installation of 200 MW solar project in Gujarat and Rajasthan.

The verification process adhered to the guidance and criteria outlined in VCS Standard version 4.7 /B01/, VCS Program Guide version 4.4 /B06/, VCS Validation and Verification Manual version 3.2/B05/, and Registration & Issuance Process version 4.4./B07/

The monitoring system was properly installed and maintained, allowing for the verification of the achieved GHG emission reductions. Through review and onsite audit, the verification team confirmed that the project activity resulted in emission reductions of 1,312,873 during the monitoring period of 01-December-2021 to 31-October-2024.

5.2 Verification Conclusion

As a VVB, TÜV SÜD is able to issue a positive verification opinion, as detailed in the attached Certification statement. The verifier confirms that the GHG emission reductions for this project activity have been calculated conservatively and appropriately, without material misstatements. TÜV SÜD South Asia Pvt. Ltd. hereby confirms that the project has achieved the following emissions reductions during the specified reporting period Along with a slight deviation in project activity which can be justified. The project meets the verification criteria for GHG emissions reductions or removals as set out in the VCS criteria. The verified GHG emission reductions and removals for the verification period are as follows:

Verification period: 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's (tCO ₂ e)	Removal VCU's (tCO ₂ e)	Total VCU's (tCO ₂ e)
01-December-2021 to 31-December-2021	35,638	0	0	35,638	0	35,638
01-January-2022 to 31-December-2022	450,638	0	0	450,638	0	450,638
01-January-2023 to 31-December-2023	454,737	0	0	454,737	0	454,737
01-January-2024 to 31-October-2024	371,860	0	0	371,860	0	371,860
Total	1,312,873	0	0	1,312,873	0	1,312,873

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	37,185	35,638	-4.16%	Verification team confirms that the lower generation during the current

31- December -2021				verification period is due to certain natural conditions.
01- January- 2022 to 31- December -2022	437,825	450,638	2.93%	Verification team confirms that the generation difference during the current verification period is due to certain natural conditions
01- January- 2023 to 31- December -2023	437,825	454,737	3.86%	Verification team confirms that the generation difference during the current verification period is due to certain natural conditions
01- January- 2024 to 31- October- 2024	365,854	371.860	1.64%	Verification team confirms that the generation difference during the current verification period is due to certain natural conditions
Total	1,278,689	1,312,873	2.67%	Verification team confirms that the higher generation during the current verification period is due to certain natural conditions

APPENDIX 1: COMMERCIALLY SENSITIVE INFORMATION

Not Applicable

APPENDIX 2: <LIST OF DOCUMENTS>

Ref.No	Name of document	Version / date
1.	VCS PD	Version 2
2.	VCS MR	Version 1
3.	ER Sheet	Version 1
4.	ABT meter Detail	-
5.	Meter testing report	06-june-19
6.	Break down Report	-
7.	Commissioning certificate 200 MW	21-August-2019
8.	Service Agreement	27-may-2025
9.	Grievance register	-
10.	Power Purchase agreement.	16-August-2018
11.	Declaration of NO double counting.	-
12.	Training plan	-
13.	Training photograph.	-
14.	Salary slips of the employee	-
15.	Environmental policy	
16.	Human capital development	
17.	Policy on human rights	
18.	Policy on prevention of sexual harassment.	

VCS references.

Ref.No	Name of document	Version / date
B01	VCS standard	version 4.7
B02	Methodology ACM0002	Version 19

B03	TOOL 07	version 07.0
B04	TOOL 01	version 07.0
B05	VCS validation verification manual	version 3.2
B06	VCS Program Guide version	Version 4.4
B07	Registration & Issuance Process	Version 4.4

APPENDIX 3: LIST OF FINDINGS

CL ID	01	Section no.	MR section 1.6	Date: 11/06/2025
Description of CL				
Reference: VCS Standard, Version 4.7 “The project start date of a non-AFOLU project is the date on which the project began generating GHG emission reductions or carbon dioxide removals.” In context of above requirement in the monitoring report submitted by the project proponent indicates a total installed capacity of 200 MW for the solar PV project activity. However, the project start date has been reported as the commissioning date of only the initial 50 MW. The PP is requested to clarify the basis for selecting the commissioning date of the 50 MW portion as the official project start date, in the context of the VCS definition for non-AFOLU project start dates. PP shall provide a clear explanation, along with supporting documentation with the demonstrating how the selected start date aligns with the VCS Standard definition — specifically, “the date on which the project began generating GHG emission reductions or carbon dioxide removals”.				
Project participant response				Date: 26/06/2025

The project proponent has selected the start date of the project activity as the earliest date of interconnection with the grid, i.e., 02-08-2019. This corresponds to the commissioning date of the 100 MW solar PV project activity. PP has also confirmed that the actual emission reductions have been calculated based on the commissioning date—i.e., the date each plant began generating GHG emission reductions—which is in line with the requirements of the VCS standard. There was a typographical error in the MR, which has now been corrected in Section 1.6 of the revised MR.	
Documentation provided by project participant	
Revised MR	
VVB assessment	Date: 15/07/2025
PP has corrected the monitoring report which is now in line with the registered PD. The start date of the project activity is the commissioning date of 100MW sola PV project activity, this has been checked and confirmed from the commissioning certificate. Hence this CL is closed.	

CL ID	02	Section no.	MR section 4.2	Date: 11/06/2025
Description of CL				
Reference: VCS Standard, Version 4.7 section 3.15 “Quantification of GHG Emission Reductions and Carbon Dioxide Removals”. 1. PP has provided a footnote for calibration frequency of meter however the foot note is inconsistent with the project location. PP is requested to provide correct supportive evidence for the calibration frequency of all meters. 2. In the MR appendix 2, the date given for the calibration is 03 June 2019 whereas in the calibration record it is mentioned as 6 June 2019. PP must clarify the inconsistency. Also, PP is requested to provide calibration record of due date records. 3. PP has to clarify why electricity generation value is kept blank corresponding to month of September 2024 and October 2024 in ER sheet, where monitoring period is valid till 31 October 2024. 4. The provided invoice is not correct for the June 2023 as the provided invoice is repetition of month of July 2023. PP is requested to provide the valid electricity generation invoice for same. 5. In the MR, it is mentioned that “Net electricity supplied to the grid by the project plant in a given month = Export, kWh– Import, kWh” however in the ER sheet the import value is not considered. PP is requested to clarify the same.				
Project participant response				Date: 26/06/2025

1. The calibration frequency is referenced from the national guideline issued by the Central Electricity Authority (CEA), as outlined on page 18, which recommends calibration at least once every five years and recalibration if required. The project proponent has now updated the corresponding weblink for this guideline in the footnote of Section 4.2 in the revised MR.
2. The testing report is dated 6 June 2019, with the sample testing conducted on 3 June 2019, as specified in the test report. The project proponent has now provided the latest calibration report to due date records, and the error factor has been applied in the revised ER sheet for the delayed period.
3. The electricity generation values for the months of September 2024 and October 2024 have now been provided in the revised ER sheet. The REA statement sheet has also been submitted to the VVB.
4. The electricity generation value for the month of June 2023 has now been corrected in the revised ER sheet. The REA statement sheet has also been submitted to the VVB.
5. Based on the encrypted generation report, the Northern Regional Power Committee (NRPC) issues the REA, which mentions the actual net electricity injected by the project for the specific month. Therefore, the project proponent has not considered the import value in the ER sheet. This procedure was also approved by Verra in the previous monitoring report. The project proponent has now corrected this in Section 4.2 of the revised MR.

Documentation provided by project participant

Calibration report, REA statements, Revised MR and ER sheet

VVB assessment

Date: 15/07/2025

1. The justification provided by the PP is acceptable as the calibration frequency is at least once every five years which is further checked with the supporting documents. Furthermore, PP has updated the weblink in the Monitoring report. Hence this finding has been closed.
2. PP has revised the MR and delay factor has been in the ER sheet. VVB verified the same from calibration certificate and updated ER sheet. Hence this finding has been closed.
3. VVB confirms that PP has added electricity generation values for the months of September 2024 and October 2024 in ER sheet. The same has been verified with the REA statement provided. Hence this finding has been closed.
4. VVB confirms that pp has corrected electricity generation value for the month of June 2023.same has been verified from REA statement sheet. Hence this finding has been closed.
5. Based on the deviation 01 which was approved in the last monitoring period, the 06 ABT meters are installed at evacuation end / sending end at the 33 kV Grid Substation and used for data collection. The invoices are generated based on ABT based provisional REA issued by Northern Regional Power Committee (NRPC) as per the schedule given by Northern Reginal Load Dispatch Centre (NRLDC). Therefore, the REA is the basis of monthly invoices. Therefore, PP is requested to provide REA for the monitoring period to cross check the generation data approved by NRPC. Hence this finding is open.

Project participant response	Date: 31/07/2025
5. The project proponent has provided all REA statements for the monitoring period to the VVB.	
Documentation provided by project participant	
REA statements for the monitoring period	
VVB assessment	Date: 7/08/2025
VVB confirms that PP has provided all REA statements for the monitoring period has been cross checked with Generation data and found consistent. Hence the CL is closed.	

CL ID	03	Section no.	Section 3.2.2	Date: 11/06/2025
Description of CL				
In section 3.2.2 of MR under deviation 1, it is mentioned that the 6 ABT meters viz. RE-0001A, RE-0002A etc. are located and capture the actual export and import.				
However, the grid interconnection point is located at PGCIL Badla SS and there are additional meters to record the energy export. PP is requested to clarify the same.				
Project participant response				Date: 26/06/2025
The PGCIL substation is beyond the control of the Project Proponent because it is owned and operated by PGCIL, and PP does not have any role in its calibration or operation. Therefore, PP used the metering equipment installed at the sending end of the 33 kV Grid Substation for data collection and scheduling readings. These meters are installed in accordance with the Power Purchase Agreement signed between PP and State Utility. As per the agreement, for energy accounting purposes, the power producer is required to install an ABT-compliant meter at the metering point. PP has also documented the deviation regarding the change in meters in the monitoring plan, which was approved by Verra in the previous monitoring report. The project proponent has now updated this in Section 4.3 of the revised MR.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 15/07/2025
VVB has verified the meter details mentioned in section 3.2.2 of the MR and found that the details of the meter installed at the 33 KV side is correct and same is used for REA issued by NRPC to prepare the monthly invoices. Hence, the CL is closed.				

CL ID	04	Section no.	Site visit	Date: 11/06/2025
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Description of CL	
During site visit it is observed that there are several make of modules i.e Chint, Jinergy, Longi and Adani are installed, however, in section 3.1 of the MR the make is mentioned as JA Solar Co. Ltd & Jolywood (Taizohou) Solar Technology Co. PP is requested to clarify the same.	
Project participant response	Date: 26/06/2025
The project proponent has now corrected the module make and capacity in Section 3.1 of the revised MR. The deviation regarding the module make and capacity, which was approved by Verra in the previous monitoring report, has also been documented.	
Documentation provided by project participant	
Revised MR	
VVB assessment	Date: 15/07/2025
As per the Deviation 2 approved by the Verra, the Make and Capacity of the Modules installed at site have been updated as per the Commissioning Certificate issued by the State Utility: Module Make- MSPVL, Jinergy, Chint Capacity- 325Wp. 330 Wp, 335 Wp As per above approved deviation only MSPVL, Jinergy and Chint was approved however at the time of onsite visit module maker “Longi” and “Adani” was identified. PP is requested to clarify the same. Hence finding is open.	
Project participant response	Date: 31/07/2025
PP has checked the modules installed at the site and has not found any Longi or Adani make modules in the project activity. It appears that the earlier identification was mistaken due to the presence of modules from a different project within the same premises, which may have caused confusion during the site visit.	
Documentation provided by project participant	
VVB assessment	Date: 07/08/2025
PP is requested to provide credible evidence to substantiate the above response. CL is open.	
Project participant response	Date: 14/08/2025

The project proponent has now updated the details of the modules installed at the site in Section 3.1 of the revised MR. However, please note that the Adani module is manufactured by Mundra Solar PV Limited (MSPVL) make, which is already included in the previous version of the MR. The project proponent has also provided a declaration confirming this to the VVB.	
Documentation provided by project participant	
Declaration from PP	
VVB assessment	Date: 22/08/2025
PP has provided a self-declaration on the modules mounted at site that belongs to the project activity. It is confirmed that during site visit the representative of PP erroneously showed the wrong modules which are not as part of project activity. CL is closed.	

CAR ID	01	Section no.	MR section 1.12	Date: 11/06/2025
Description of CL				
- As per the MR template filling guidelines, the Project Proponent is expected to provide a summary description of the project activities implemented during the monitoring period that contribute to sustainable development (SD), including the technologies/measures adopted and the activity location. However, the current version of the MR lacks sufficient detail in this regard. PP is requested to demonstrate a summary description of project activities implemented during the monitoring period that result in SD contributions (i.e., technologies/measures implemented, activity location). - In Table 1 of the MR, the PP is required to demonstrate how the project activities, or additional activities implemented, contribute to sustainable development as defined by and tracked against the Sustainable Development Goals (SDGs). The provided information does not adequately explain the direct linkages between the implemented activities and the SDG targets being claimed. The project proponent shall demonstrate how the project activities, or additional activities implemented by the project proponent, contribute to sustainable development, as defined by, and tracked against the SDGs. - As per the requirements of Section 3.17.1 of VCS Standard v4.7, the project must demonstrate contributions to at least three SDGs by the end of each subsequent monitoring period. The current MR lacks clear evidence of how the project contributes to at least three SDGs, and whether these contributions align with the host country's SDG priorities. The project proponent has requested to demonstrate the 3 SGD and also should demonstrate how the project activity is consistent with the SDG objectives of the host country. - As per the filling guideline it was clearly mentioned that the climate change and mitigation activities relate to SDG 13, they do not align with any SDG 13 target. For climate change mitigation impacts, write "13.0" in the SDG target column and use the indicator "Tonnes of greenhouse gas emissions avoided or removed" (see the example in row 3 in the table below). However, in the MR it is inconsistent with the filling guideline. PP is requested to clarify the same.				

Project participant response		Date: 26/06/2025
1. The project proponent has now updated the section 1.12 of the revised MR with the required information. 2. The project proponent has now updated the Table 1 in section 1.12 of the revised MR with the required information. 3. The project proponent has now provided the 3 SGDs in section 1.12 of the revised MR. 4. The project proponent has updated the SDG Target and SDG Indicator in accordance with the UN SDG Indicators Database, in Section 1.12 of the revised MR.		
Documentation provided by project participant		
Revised MR		
VVB assessment		Date: 15/07/2025
1. PP has now updated the monitoring report and also submitted the evidence for SDG 08 which is correct. However, PP is requested to share additional supportive evidence for SDG 08 as training plan, identification of training need and photograph of the training. Hence this finding is open. 2. VVB confirms that PP has now provided the required details as per MR filling template. Hence this finding is closed. 3. VVB confirms that PP has now added required details as per MR filling template. Hence this finding is closed. 4. VVB confirms that PP has now demonstrated the 3 SDG and how it is consistent with SDG objectives of the host country. Hence this finding is closed. 5. VVB confirms that has updated the SDG Target and SDG Indicator in accordance with the UN SDG Indicators Database. Hence this finding is closed.		
Project participant response		Date: 31/07/2025
1. The project proponent has provided the training plan and photographs of the training to the VVB.		
Documentation provided by project participant		
Training plan and photographs of the training.		
VVB assessment		Date: 7/08/25
PP has now provided the training plan and photos for SDG 8. The same has been verified by VVB and this CAR is closed.		

CAR ID	02	Section no.	MR section 2.1.1	Date: 11/06/2025
Description of CL				
1. According to Section 3.18.1(a) of the VCS Standard v4.7, the Project Proponent is required to describe the process used to identify stakeholders likely to be affected by the project. The current documentation does not adequately explain the methodology or criteria used for stakeholder identification. PP shall describe the process and criteria used to identify stakeholders likely to be impacted by the project, in accordance with Section 3.18.1(a) of the VCS Standard. 2. PP is expected to describe the social, economic, and cultural diversity within the stakeholder groups, as well as the differences and interactions between these groups. The submitted Monitoring Report does not sufficiently cover these aspects. PP shall describe the social, economic, and cultural diversity within stakeholder groups, the differences and interactions between the stakeholder groups.				
Project participant response				Date: 26/06/2025
1. The project proponent has now updated section 2.1.2 of the revised MR with the required information. 2. The project proponent has now updated section 2.1.2 of the revised MR with the required information.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 15/07/2025
1. PP has now provided the details of stakeholder consultation in the monitoring report. However, PP is requested to provide consistent information about <i>“how the monitoring results were communicated and demonstrate that the results were provided in a timely manner”</i> in section <u>“Communication of monitored results”</u> and provide the supportive evidence for the same. Hence this finding is open. 2. VVB confirmed that the PP has described the social, economic, and cultural diversity within the stakeholder groups. Hence this finding is closed.				
Project participant response				Date: 31/07/2025
1. The Project Proponent has updated the details in Section 2.1.2 of the revised MR and has also provided the grievance register to the VVB.				
Documentation provided by project participant				
Revised MR and grievance report				
VVB assessment				Date: 07/08/2025

VVB confirmed that, As per the requirement PP has added consistent information about “*how the monitoring results were communicated and demonstrate that the results were provided in a timely manner*” in section Communication of monitored results”. Also, PP has provided supporting documents to verify it. Hence this CAR is closed.

CAR ID	03	Section no.	MR section 2.2.1	Date: 11/06/2025
Description of CAR				
The Monitoring Report provides insufficient detail regarding the management team’s expertise or prior experience in implementing similar project activities and engaging with communities, as required by the MR template guidance. As per the guidelines, the Project Proponent shall demonstrate that the management team has relevant technical, operational, and community engagement experience aligned with the nature of the project. Where such experience is lacking, the guideline further requires that the PP demonstrate how external partnerships have been formed to address these gaps or present a clear recruitment or capacity-building strategy to fill the identified needs.				
Project participant response				Date: 26/06/2025
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: 15/07/2025
As per the VCS standard 4.7 “The management teams involved in the project shall have expertise in and prior experience implementing similar carbon or land management projects, and community engagement at the project scale and in the local context. Where relevant expertise and experience is lacking, the project proponent shall either demonstrate that they have partnered with other organizations with the relevant experience or have a recruitment strategy to fill the identified gaps”. Hence the details provided by PP is insufficient and the CAR is open.				
Project participant response				Date: 31/07/2025
The Project Proponent has updated the details in Section 2.2.1 of the revised MR and has provided the relevant policy documents to the VVB.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 07/08/2025

PP has now Updated the section 2.2.1 with explanation of “management experience” as per guidelines provided. PP also explained that there are no new entities involved in the project design or implementation. The same has been verified by VVB, Hence the CAR is closed.

CAR ID	04	Section no.	MR section 2.2.2	Date: 11/06/2025
Description of CAR				
PP has provided insufficient information regarding the assessment and management of risks to stakeholders and the environment, as required under Sections 3.19.4 to 3.19.10 of the VCS Standard v4.7. The PP shall: - Identify all potential environmental and stakeholder-related risks associated with the project activities, in accordance with VCS Standard Sections 3.19.4–3.19.10. - 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 included implementation/mitigation of each risk related to Labor and Work (section 2.3.1 & 2.3.2 of MR).				
Project participant response				Date: 26/06/2025
The project proponent has now updated the section 2.2.2 of the revised MR with the required information.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 15/07/2025
VVB confirms that pp has updated the section 2.2.2. and addressed all the risk to stakeholder and environment including natural and human induced risk, risks to stakeholder, working conditions, safety of women, safety of minority and marginalized, pollutants, Same has been verified from the weblink provided as footnote and the Environment social management policy. However, PP is requested to provide documentary evidence of company policy or other related documents to support implementation/mitigation of each risk related to Labor and Work (section 2.3.1 & 2.3.2 of MR). Hence this CAR is open.				
Project participant response				Date: 31/07/2025
The Project Proponent has now provided all company policy documents to the VVB.				

Documentation provided by project participant	
Human capital development policy, policy on human rights, policy on prevention of sexual harassment.	
VVB assessment	Date:07/08/25
In order to verify the section 2.3.1 to 2.3.2, PP has now provided the documents like Human capital development policy, policy on human rights, policy on prevention of sexual harassment. VVB confirm that All risk related to labor and work has been identified and mitigated. Hence this CAR is closed.	

CAR ID	05	Section no.	Site Visit	Date: 11/06/2025
Description of CL				
During site visit following discrepancies were observed: 1. The geo-coordinates mentioned in the MR is not correct. PP to cross check the same. 2. It is observed that number of modules installed at site are 854048 numbers however, in section 3.1 of the MR it is mentioned as 851424 Numbers. 3. The number of inverters installed at site are 2225 numbers, however, in section 3.1 of the MR it is mentioned as 2223 numbers. 4. It is observed that there are 4 types of capacity modules are installed in the plant (325 Wp, 330 Wp, 335 Wp and 375 Wp), however, in section 3.1 only two types are mentioned. 5. The PGCIL energy meter number mentioned in section 3.2.2 are not matching with the site observation. 6. In appendix 2, details of grid interface energy meters are not included.				
Project participant response				Date: 26/06/2025
1. The project proponent has now corrected the geo-coordinates in section 1.8 of the revised MR. 2. The project proponent has now corrected the number of modules in section 3.1 of the revised MR. 3. The project proponent has now corrected the number of inverters in section 3.1 of the revised MR. 4. The project proponent has now corrected the capacity of modules in section 3.1 of the revised MR. 5. The PGCIL substation is beyond the control of the Project Proponent, as it is owned and operated by PGCIL, and PP has no role in its calibration or operation. Therefore, PP used the metering equipment installed at the sending end of the 33 kV Grid Substation for data collection and scheduling readings, instead of the PGCIL energy meter. This change was reflected in the monitoring plan through a deviation regarding the change in meters, which was approved by Verra in the previous monitoring report. 6. In Appendix 2, the project proponent has mentioned the calibration details for the metering equipment installed at the sending end of the 33 kV Grid Substation. Details of the grid interface energy meters are not required, as PP had already changed the meter specifications in the monitoring plan through a deviation approved by Verra in the previous monitoring report.				
Documentation provided by project participant				
Revised MR				
VVB assessment				Date: 15/07/2025

- VVB confirms that PP has revised the geo coordinates and it is verified. - VVB confirmed that PP has revised the number of modules installed at site to 854048. - VVB confirmed that PP has revised the number of inverters installed at site to 2225 - This comment is open. Refer CL 04. - PP used the metering equipment installed at the sending end of the 33 kV Grid Substation for data collection and scheduling readings, instead of the PGCIL energy meter. This change was accepted by verma in previous monitoring period hence the finding is closed. - The justification provided by PP is acceptable.	
Project participant response	Date: 31/07/2025
PP has checked the modules installed at the site and has not found any Longi or Adani make modules in the project activity. It appears that the earlier identification was mistaken due to the presence of modules from a different project within the same premises, which may have caused confusion during the site visit.	
VVB assessment	Date: 07/08/2025
PP is requested to provide credible evidences to support the above statement. CAR is open.	
Project participant response	Date: 14/08/2025
PP has checked the modules installed at the site and has not found any Longi or Adani make modules in the project activity. It appears that the earlier identification was mistaken due to the presence of modules from a different project within the same premises, which may have caused confusion during the site visit.	
Documentation provided by project participant	
Declaration from PP and Revised MR.	
VVB assessment	Date: 22/08/2025
PP has provided necessary evidence to support the CAR. CL 04 is closed now and accordingly the CAR is also closed.	

APPENDIX 4: COMPETENCY CERTIFICATE

Will be Added by CB

APPENDIX 5: CALIBRATION DETAILS

Meter	Sl. No	Meter make	Accuracy Class	Calibration date	Calibration due date	Delay in Calibration
Main meter	RE-0001-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				01-July-2024	30-June-2029	28 days
Check meter	RE-0002-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				01-July-2024	30-June-2029	28 days
Standby meter	RE-0003-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				01-July-2024	30-June-2029	28 days
Main meter	RE-0004-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				02-July-2024	01-July-2029	29 days
Check meter	RE-0005-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				02-July-2024	01-July-2029	29 days
Standby meter	RE-0006-A	L&T	0.2s	03-June-2019	02-June-2024	No delay
				02-July-2024	01-July-2029	29 days

In the current monitoring period from 01-December-2021 to 31-October-2024. There is delay in the calibration from 03-June-2024 to 01-July-2024. PP has provided evidence of ABT meter calibration records, however there is delay in the months of June and July 2024. Due to the lack of evidence and the accuracy tests of the energy meter were not conducted before the end of validity period meter, the delay factor (error factor) has applied from 01/06/2024 to 31/07/2024.

The result of delayed calibration reveals that the delayed calibration does not show any errors in the measuring equipment and is within the maximum permissible error limit (accuracy class) of 0.2%. Hence, in accordance with guidelines under Appendix-Calibration” of VVS for CDM Project Activity (version 03.0), the electricity export and import data have been adjusted by applying maximum permissible error of 0.2% (as provided by the equipment supplier) to calculate the net exported electricity and the emission reductions accrued by the project activity. The maximum permissible error of 0.2% as provided by the equipment supplier was applied as the error identified in the delayed calibration is smaller than the maximum permissible error. The same is in accordance with the guideline provided under Appendix-Calibration” of VVS for CDM Project activity (version 03.0). However, a delay error factor of 0.2% has been applied from months 01/06/2024 to 31/07/2024, as being a conservative approach, Verification team deems this approach adopted by PP to address the issue of delayed calibration acceptable.

Appendix 6: Competence of team members and technical reviewers

CERTIFICATE

CERTIFICATO

証書

CERTIFICADO

CERTIFICATE

ZERTIFIKAT



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

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.

Pritya Suman

Issued By
Quality Manager

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

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CERTIFICATE

CERTIFICATO

証明書

CERTIFICADO

CERTIFICATE

ZERTIFIKAT



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.

Pritya Suman

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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/non-renewable) 3_Energy demand 5_Chemical industry 13_Waste handling and disposal	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-0067/004

Issued on: 01/08/2025

Valid until: 25/11/2025

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

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.

Priya Suman

Issued By
Quality Manager

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