



Solar Power Project by Mytrah Energy India Private Limited



Document Prepared by

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¹ <https://registry.terra.org/app/projectDetail/VCS/1784>

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Client	EKI Energy Services Limited
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Summary:

LGAI Technological Center S.A. (Applus+ Certification) (Hereafter referred as Applus+ Certification) has been appointed by “EKI Energy Services Limited” to perform the verification of the “Solar Power Project by Mytrah Energy India Private Limited” (VCS ID 1784).

Verification purpose: This project activity generates clean form of electricity through solar power plant. JSW Neo Energy has installed 372 MW solar power project located in states of Telangana, Karnataka and Punjab, India. The electricity generated from the project activity is supplied to the national grid of India.

The objective of this verification activity is to have an independent third-party assessment of the monitoring report and Emission Reductions calculation to ensure a thorough assessment of the project activity implementation against the applicable VCS requirements. In particular:

- the project's baseline is assessed against “ACM0002. - Version 19.0”
- the project’s monitoring plan is assessed against “ACM0002. - Version 19.0”
- CDM validation and verification standard for project activities, Version 03.0/^{16/}
- VCS program guide v.4.4/^{10/}
- VCS standard version v.4.7/^{10/}

The scope of the verification is the independent and objective review of the Monitoring Report (MR)/^{6/}. The MR/^{6/}is reviewed against the rules and requirements for verification of projects under the VCS Program/^{10/} and decisions by the CDM Executive Board. The verification was based on the guidance given in the CDM validation and verification standard for project activities, version 03.0, review against registered VCS joint PD&MR/^{4/}and final VCS validation report, VCS program guide v.4.4/^{10/} and VCS standard v.4.7/^{10/}.

The monitoring period for this VCS verification is 01-July-2023 to 31-March-2024 (including both days) and the project activity achieved 440,173 tCO₂e emission reductions during this monitoring period thereon displaced 469,901.82 MWh amount of electricity from the generation-mix of power plants connected to the Indian Grid, which is mainly dominated by thermal/fossil fuel-based power plant.

A risk-based approach has been followed to perform this verification activity. In the course of verification, 06 Corrective Action request (CARs) and 02 Clarification Requests (CLs) were raised during the verification. No FAR was raised during this verification. The review of the Monitoring report, Emission Reduction Calculation and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and Project Proponent have provided LGAI Technological Center S.A. (Applus+ Certification) (hereafter may be referred to as the VVB) with sufficient evidence to verify the fulfilment of the stated criteria of VCS.

The assessment team has employed a risk-based approach to assess the completeness and accuracy of the claims and conservativeness of the assumptions in the MR^{6/}. The main focus of the assessment team is to identify the significant risks for the project implementation and the generation of VCU. The verification is not meant to provide any consulting towards the project Proponent. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the monitoring report.

The only purpose of the verification is its usage during the issuance process as part of the VCS project cycle. Therefore, LGAI Technological Center S.A. (Applus+ Certification) can't be held liable by any party for decisions made or not made based on the verification opinion, which will go beyond that purpose.

The verification has been planned and organized to achieve a Reasonable Level of assurance as per the requirement of VCS. No sampling procedure applied for document verifications. Whereas random sampling was applied for the site selections for physical site visit & remote audits (Refer section 2.3, 2.4). Verification is based on the information made available to VVB. VVB's team did not identify any restriction or uncertainties related to verification of the project activity. The entire verification documents checked conducted to arrive at positive verification conclusions.

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1 INTRODUCTION

1.1 Objective

LGAI Technological Center S.A. (Applus+ Certification) (Hereafter referred as Applus+ Certification or VVB) has been appointed by “EKI Energy Services Limited” to perform verification of the “Solar Power Project by Mytrah Energy India Private Limited.” under VCS guide V4.4 and VCS standard version 4.7. The objective of this verification activity is to have an independent third party for the assessment of the project design, Monitoring Report and Final Verification report and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline is assessed against “ACM0002. – Version 19.0” /^{17/}
- the project’s monitoring plan is assessed against “ACM0002 – Version 19.0” /^{17/}
- CDM validation and verification standard for project activities, Version 03.0/^{16/}
- VCS Program Guide v.4.4/^{10/}
- VCS Standard Version v.4.7/^{10/}
- VCS Program Definitions v4.5 /^{10/}
- VCS Registration & Issuance Process v4.5 /^{10/}
- VCS Validation and Verification Manual v3.2 /^{10/}

LGAI Technological Center, S.A. (Applus+ Certification) as the Validation/Verification Body (VVB) for the project activity is accredited as a VVB by UNFCCC and also meets the competence requirements as set out in the normative reference ISO 14065:2020.

Verification is a requirement for all VCS projects and is seen as necessary through the provision of objective evidence, provide assurance to stakeholders for the quality of the project and requirements for a specific intended future use or application have been fulfilled regarding its intended GHG claims (i.e. generation of verified & certified units (VCUs)).

1.2 Scope and Criteria

The scope is defined as an independent and objective review of the Monitoring report MR/^{6/}prepared as per the registered joint PD&MR/^{4/}and registered approved methodology ACM0002 – Version 19.0. The MR is reviewed against the criteria (See Section 1.1 above) including the approved applied methodology ACM0002., Version 19.0/^{17/}. The verification has been conducted in accordance with the VCS Standard version 4.7/^{10/}, other valid and applicable VCS Regulatory Documents, template and ISO requirements (ISO 14064-3:2019 and ISO 14065:2020) (see Appendix 2 of this verification report below).

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

Monitoring report. In line with Guidelines for Application of materiality in verifications (Version 02.0), the verification team has conducted a complete verification of all the information presented in the monitoring report and data monitored as presented in the emission reduction calculation spread sheet. It follows the paper trail back to the raw data such as meter reading records and invoices. There are no material errors, overestimation of Emission Reductions, omission or misstatement. Verification team conducted onsite audit & inspection to verify metering/monitoring arrangement based on the required of VCS Standard^{/10/}, Version 4.7. The verification team has reviewed all the documents like commissioning certificates^{/1/}, technical specification^{/3/}, JMRs^{/11/}, grievance register^{/15/}.

1.3 Level of Assurance

Applus+ Certification has planned and performed the verification by obtaining evidence and other information and explanations that assessment team considers necessary to give reasonable assurance that reported estimated GHG emission reductions are fairly stated. All documentary evidences like technical details including metering/monitoring arrangement were verified during the on-site inspection and through photos & supportive evidences were shared by PP to arrive at a positive verification conclusion by the assessment team.

The level of assurance of the verification report falls under reasonable assurance engagements. Reasonable assurance is a high level of assurance regarding material misstatements, but not an absolute one.

Reasonable assurance includes the understanding that there is a likelihood that material misstatements will not be prevented or detected on a timely basis. To achieve reasonable assurance, the Auditor needs to obtain sufficient appropriate audit evidence to reduce audit risk to an acceptably low level. This means that there is some uncertainty arising from the use of sampling, since it is possible that a material misstatement will be missed.

Through an exhaustive process of documentary review, interviews with the project proponents, onsite audit, assessment on GHG Emission Reductions calculations against applicable methodology and any other regulatory document and reporting of objective evidence, the VVB is able to reach a reasonable level of assurance on the conduction of the verification process. The achieved level of assurance for this verification is thus a reasonable level of assurance as per the requirements set out in the applied VCS Standard version 4.7 clause 4.1.10 (1) ^{/10/}.

VVB applied a materiality threshold of 1% with respect to omission or misstatements concerning reported quantities as per VCS Standard version 4.7, clause 4.1.10 (4) ^{/10/}.

Additionally, according to the VCS Validation and Verification Manual version 3.2 ^{/10/}, while all material errors, omissions and misrepresentations must be addressed for a project to receive a positive validation or verification opinion, when non-material errors have been found in the project documents, VVB requested the project proponent to correct them and ensured that such errors have been addressed where applicable. The evidence used to achieve a reasonable level of assurance is specified in section 2.3 and 2.4 of this report. Materiality for the project is 1% which is in accordance with para 4.1.10(4) of VCS Standard v4.7, however the assessment team has verified 100% data (no sampling plan is applied for reported data/document verification), hence it is sufficient to meet the materiality requirements of the project.

In our opinion, the estimated GHG emissions reductions were calculated correctly on the basis of the approved monitoring methodology “ACM0002, Version 19.0”^{/17/} and the VCS standard v.4.7 (paragraph 4.1.10) ^{/10/}.

1.4 Summary Description of the Project

The project activity is generating electricity by using solar power generation unit. The energy generated is supplied to the Unified Indian Grid, which operates the national grid system. The project is environment friendly begin as it results in the reduction of emissions from grid connected fossil fuel-based power plants. The project activity leads to reduction of greenhouse gas (GHG), as the energy is generated from renewable source. The emission reduction was real, measurable, and verifiable and plays a beneficial role in the mitigation of climate change.

The Project activity involves installation of combined capacity of 372 MW solar power projects in the state of Telangana, Karnataka and Punjab, India. with start date of the activity is the earliest date of interconnection with the grid i.e. 19-June-2017. This is the date of commissioning of 2 x 25 MW solar PV project activity by Mytrah Aadhya Power Pvt Ltd. in the state of Punjab. The project entails the installation and operations of 1,417,086 solar photovoltaic modules with rated capacities of 310 Wp, 315 Wp, 320 Wp, 325 Wp, 335 Wp, 340 Wp, and 350Wp. The project activity uses renewable resource to generate electricity. The details of the project and their location of installation are mentioned in the table below:

S No.	Name of SPVs	Capacity (MW)	COD	Site	State
1	Mytrah Abhinav Power Pvt Ltd	8 MW	30-June-2017	Thimajipet	Telangana
		8 MW	19-July-2017	Arvapally	
		15 MW	05-December-2017	Domakonda	
		11 MW	19-August-2017	Alampur	
		15 MW	21-August-2017	Gadwal	

S No.	Name of SPVs	Capacity (MW)	COD	Site	State
		15 MW	02-March-2018	Tandur	
		15 MW	27-February-2018	Nagarkurnool	
2	Mytrah Adarsh Power Pvt Ltd	15 MW	05-December-2017	Reddypet	Telangana
		15 MW	22-November-2017	Chegunta	
		15 MW	23-October-2017	Thnkibollaram	
		15 MW	08-November-2017	Tungathuruthy	
		15 MW	25-September-2017	Gundipally	
		15 MW	23-May-2018	Shanigaram	
3	Mytrah Agriya Power Pvt Ltd	50 MW	25 MW on 22-November-2018	Kamareddy	Telangana
			25 MW on 26-November-2018		
4	Mytrah Akaash Power Pvt Ltd	50 MW	12.5 MW on 22-November-2018	K.M Pally	Telangana
			17.5 MW on 12-April-2018		
			20 MW on 22-November-2018		
5	Mytrah Aadhya Power Pvt Ltd	25 MW	19-June-2017	Bareta	Punjab
		25 MW	19-June-2017	Balran	
6	Mytrah Advaith Power Pvt Ltd	15 MW	09-February-2018	Hunagund	Karnataka
		15 MW	02-February-2018	Sindagi	

S No.	Name of SPVs	Capacity (MW)	COD	Site	State
7	Mytrah Akshaya Energy Pvt Ltd	15 MW	23-January-2018	Raibagh	Karnataka

The location & coordinates of the SPVs were checked during the site visit as well as and found consistent with the data provided in the registered VCS Joint PD&MR/^{4/}.

By document review and on-site interview with PP representative's present onsite of the project activity, the verification team confirms that all the components of installed technology are fully functional and found to be in line with the details provided in the registered VCS Joint PD & MR/^{4/}. The commissioning date has been verified with the commissioning certificate and found consistent.

During the current monitoring period, it was observed that few unforeseen incidents/events evolved that can impact the operation of the project activity, which was verified from breakdown records/^{13/}. The project undergone continuous operation and only scheduled maintenance is observed as per the manufacturer's specification as evident from generation. Please refer to the Appendix 6 of this report for more information about the plant breakdowns.

The organisational roles and responsibilities as mentioned in the registered PD-MR/^{4/} are followed onsite. All the emergency preparedness as mentioned in the registered PD-MR/^{4/} are followed onsite and no discrepancies were found regarding the same as confirmed during interviews with the PP representatives.

The project is not registered under any other GHG Program other than the VCS and can be found in the following link: <https://registry.terra.org/app/projectDetail/VCS/1784>.

The VVB has cross-checked the available registries of UNFCCC CDM/^{25/}, Gold Standard (GS)/^{26/}, International Carbon Registry (ICR)/^{26/} and the Global Carbon Council (GCC)/^{27/} and has not found this project activity registered in any of these schemes.

The project activity is a solar power project, a renewable energy generation and the electricity generated by the project activity is exported to the Indian electricity grid. The project will therefore displace an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid. The electricity generated by the project activity is supplied to the Indian electricity grid.

The current monitoring period is covered from 01-July-2023 to 31-March-2024 (inclusive of both dates) and the project activity is exported 469,901.82 MWh of net electricity to Indian grid and achieved 440,173 tCO_{2e} emission reductions.

2 VERIFICATION PROCESS

The registered VCS project is undergoing 7th verification period of the first crediting period the approach adopted to ensure the quality of emission reductions is described in the following sections.

2.1 Method and Criteria

Verification Process: The project assessment is based on the “CDM validation and verification standard for project activities, Version 03.0, “VCS program guide v.4.4 and VCS standard v.4.7” and is conducted using standard auditing techniques and pre-approved audit plan to assess the correctness of the information provided by the project proponent as per following verification schedule:

Scope of the assessment	Date
Initial meeting/Interview	08-November-2024
Interview with relevant personnel	08-November-2024 to 10-November-2024 and 12-November-2024
Final meeting	12-November-2024

The Verification process has been conducted following the regulatory documents and based on the ISO 14064-3:2019 and ISO 14065:2020 using standard auditing techniques as required by the VCS Standard v4.7.

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 in accordance with the Applus+ Certification’s procedures and policies, that are in accordance with ISO 14065:2020 regulatory provisions.

Applus+ Certification has completed a strategic review and risk assessment of the project activities and processes in order to gain a full understanding of:

- Activities associated with all the sources contributing to project emissions and emission reductions, including leakage if relevant;
- Protocols used to estimate or measure GHG emissions from these sources;
- Collection and handling of data;
- Controls on the collection and handling of data;
- Means of verification; and
- Compilation of the information in the VCS MR.

Based on the above, the VVB prepared a Verification Plan and applied an evidence-gathering plan designed to collect sufficient and appropriate evidence upon which to base the conclusion and to consider the inherent risk for the verification under section 3.23.3. The evidence-gathering plan is based

on analytical procedures & tests and considers thresholds for materiality as per the regulatory documents applied for this verification (five percent for projects and one percent for large projects as per the applied para 4.1.10 (4) of VCS Standard version 4.7).

The applied evidence-gathering plan is used by VVB to determine the conformity of the statements made by client against the principles and requirements of applied regulatory documents during current verification.

The evidence-gathering plan designed by the VVB takes into consideration, as a minimum:

- The selection and management of the data and information;
- The processes for collecting, processing, consolidating, aggregating and reporting the data & information;
- Systems and processes in place to ensure the validity and accuracy of the data and information;
- The design and maintenance of the system to control the data and information;
- Systems, processes and personnel that support system in place, including activities for ensuring data quality;
- The plans for instrument maintenance and calibration where appropriate;

Once the project's initial documentation is received by the assessment team, the members of the assessment team carried out:

- Applus+ Certification has verified the implementation of the monitoring plan and the data presented in the Monitoring Report for the monitoring period applicable to this verification process.

The process of verification involved the following relevant milestones:

- The signature of the contract for verification between the PP and the VVB;
- A kick-off meeting/communication to require the documentary material to perform an initial desk review;
- An initial desk review of the documentary evidences prepared by the Project Proponent;
- The issuance of findings coming from this initial desk review (if any);
- The conduction of an onsite visit, including interviews with project proponent and project stakeholders (see Sections 2.3 and 2.4 below);
- The issuance of findings from the Site Visit/remote inspection and communication of such deviations (if any) to the Project Proponent;
- The assessment of their resolution and closure, when appropriate;

- Once all the findings have been closed, the elaboration of this Verification Report, in which such findings (if any) are described;
- The conduction of an independent Technical Review;
- Upon conclusion of the Technical Review, the VVB may perform a final quality check before the issuance of the Final Verification Report (FVR) and signature of the corresponding Verification Deed.

The process of this verification assessment has not implied any sampling plan for data/document verification.

Appointment of the assessment team

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 in accordance with the Applus+ Certification's procedures and policies, that are in accordance with the ISO 14065:2020 regulatory provisions.

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

The composition of audit team is approved by the LGAI Technological Center S.A. (Applus+ Certification) Central site during its Contract Review stage, ensuring that the required skills are covered by the team.

The qualification levels for Assessment Team members that are assigned by aforementioned appointment rules are as presented below:

- Lead Auditor (LA).
- Auditor (A) /Auditor in Training (AiT).
- Technical Expert (TE).
- Technical Reviewer (TR).
- Other supporting roles such as Country Expert (CE) or Financial Expert (FE).
- Any of the above-mentioned roles in training (iT, e.g. AiT for auditor in training/TEiT for Technical Expert in Trainee).

The Sectoral Scopes / Technical Areas required knowledge linked to the applied methodology(ies) is covered by the Assessment Team as shown below:

Name	Role	SS/TA Coverage	Financial Aspect	Host country Experience
Dr. Atul Takarkhede	LA & TE	YES (1.2)	NA	YES
Mr. Deepak Prajapati	AiT & TEiT	NO	NA	YES

Name	Role	SS/TA Coverage	Financial Aspect	Host country Experience
Mr. Denny Xue	TR	YES (1.2)	NA	NA

The complete list of CVs is included as Appendix 3 of this report.

Document review

The Monitoring report (version 01) submitted by the PP was reviewed against the approved methodology, registered VCS joint PD&MR^{4/}, final validation report and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information.

Furthermore, a cross-check between information provided and information from other sources has been done. A complete list of all documents and evidence material reviewed is included in this report below in Appendix 1.

On-site Audit

An on-site audit on 08/11/2024 to 10/11/2024 for Karnataka state & for Punjab on 12/11/2024 is conducted by LGAI Technological Center S.A. (Applus+ Certification) assessment team who performed interviews and on-site inspection with project's stakeholders to confirm selected information and to resolve issues identified in the document review. The detail is provided in this report in below sections Resolution of Clarification and Corrective Action Request.

Resolution of Clarification and Corrective Action Request

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

The final version of MR^{6/} submitted by PP serves as the basis for the final assessment presented. Additional changes to the project during the verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Internal quality control

As final step of a verification of the final documentation including the verification report and the checklist have to undergo an internal quality control by the technical review committee.

Details of the Technical Reviewer(s) are provided within the verification Report in Section 2.1 and Appendix 3 for further references of knowledge and capability to conduct the quality checking.

After the Technical Review process, the final documentation may undergo a final quality checking process called Administrative Review, done by the Applus+ Certification's Project Manager and/or Technical Support.

For final approval, the final set of documents are prepared by the VVB's Technical Manager or its deputy and signed by the authorized signatory of the VVB.

In case any of the persons performing this final internal quality, control approval process has acted as a part of the Assessment Team or Technical Review team, the approval can only be given by VVB's personnel who are not part of those teams.

After confirmation of the PP the positive verification opinion and relevant documents are submitted to the VCS board through the VCS web-platform.

2.2 Document Review

The details of the documents observed during the verification process which included following:

- Compliance of the Monitoring Report with the current version of the template and its required contents;
- Monitored parameters and reporting requirements;
- Assessment of data and calculation of emission reductions or net removals (Conservativeness, use of calculation methods and assumptions, emission factors, reliability/reproducibility);
- Assessment on the differences from the estimated value of ERs in the registered PD-MR and the achieved ERs in the Monitoring Period;
- Remaining forward action requests from validation or previous verifications;
- Ongoing communication method with stakeholders;
- Sustainable development contributions.

The Final version of VCS Monitoring Report (MR)^{/6/} and the Emission Reductions (ER) Calculations^{/7/} were assessed as part of the verification. In addition, the registered Project Description-Monitoring Report (PD-MR), version 2, 08-June-2019 ^{/4/}, in particular, the baseline estimations and the monitoring plan, and the VCS Validation-Verification Report and latest Verification Report, as well as relevant documents, were reviewed. A detailed list of the reviewed documents can be observed in the Appendix 2 of this Verification Report.

2.3 Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Bonala	Srikar	Asst. Manager, Mytrah Adarsh Power Pvt Ltd, Arvapally	08-November-2024 to 10-November-2024 and 12-December-2024 (On-site visit)	Project Implementation, JMR & invoicing procedure,	Dr. Atul Takarkhede & Mr. Deepak Prajapati
2.	Venkatesh	Chilveri	Asst. Manager, Mytrah Abhinav Power Pvt Ltd, Domakonda		Management practices, data storage, QA/QC, calibration, Grievance mechanism	
3.	Mohan Rao	Jagan	Asst. Manager, Mytrah Adarsh Power Pvt Ltd, Thunkibollaram			
4.	Reddy	Pradeep	Deputy Manager, Mytrah Adarsh Power Pvt Ltd, Chegunta			
5.	-	Maniprakash	Site Manager, Abhinav Power Pvt Ltd			
6.	-	B. Raju	Site Manager, Mytrah Adarsh Power Pvt Ltd			
7.	Kumar	Mr. Vinay	Site Manager, Mytrah Abhinav Power Pvt Ltd, Thimajipet			
8.	Singh	Pushpinder	Site Manager, Mytrah Aadhya Power Pvt Ltd, Bareta			
9.	Singh	Gulab	Site Manager, Mytrah Aadhya Power Pvt Ltd, Balran			
10.	Singh	Rupender	Site Manager, Mytrah Aadhya Power Pvt Ltd			

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
11.	Singh	Gurjeet	Site Manager, Mytrah Aadhya Power Pvt Ltd		Grievances, Issue related to local area development, Awareness about the project under GHGs reductions. SDGs	
12.	Singh	Kewal	Local Stakeholder, Bareta			
13.	-	Dhaunja y	Local Stakeholder, Domakonda			
14.	-	Shadalla	Local Stakeholder			
15.	-	Pandura ngappa	Local Stakeholder			
16.	Singh	Jagshiee r	Local Stakeholder			
17.	Singh	Sukbhir	Local Stakeholder			

2.4 Site Visits

As a part of verification an onsite visit has been performed by VVB team. Physical site visit was conducted for the project activity on 08-November-2024 to 10-November-2024 and 12-November-2024. During the onsite visit representative of the project proponent, operation and maintenance staff; personal responsible for monitoring, collecting data & management and QA/QC procedure & local stakeholders were interviewed. The details of the activity performed during site visit are mentioned in table below.

Duration of on-site visit: 08-November-2024 to 10-November-2024 and 12-November-2024			
Activity performed during on-site audit	Site location	Date	Team member
Assessment team checked the implementation of the project, Baseline emission, Emission reduction	Kamareddy, K.M Pally & Shanigaram, Chegunta, Tungathuruthy,	08-November-2024 to 10-November-2024 and	Dr. Atul Takarkhede

Duration of on-site visit: 08-November-2024 to 10-November-2024 and 12-November-2024			
calculation, technical description of the project and Monitoring. Assessment team also checked that whether the monitoring plan as described in the VCS PD ^{4/} is actually practised onsite. Also, assessment team checked any change in host country criteria which may affect the baseline of the project activity.	Telangana and Bareta, Balran village, Punjab state of India.	12-November-2024	& Mr. Deepak Prajapati

VVB has applied sampling for the physical site visit of the project activity. Since the PP has not performed any sampling, the assessment performed the site visit adopting simple random sampling. The CDM sampling guidelines EB67 annex 06 was used to find the number of samples at site. At the same time, based on the collective experience and sectoral scope knowledge, the assessment team decided to check at least 50% of the total capacity of the bundle or the samples and choose the above sites. Further, as per the site visit requirements of para 4.1.12 of VCS Standard, V4.7; physical site is mandatory during validation/RCP validation & first verification of the project activity. As this is 7th verification of the project activity, approach is a line with VCS Standard, Version 07 requirements.

2.5 Resolution of Findings

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

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

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

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

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

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

Raised CARs and CLs for this project activity's verification process are listed in Appendix 3 of this Verification Report.

The total number of CARs for this Verification has been 06 CAR and 02 CLs have been raised for this Verification.

2.5.1 Forward Action Requests

This is 7th periodic verification of the project activity and no FAR was raised from validation or previous verification as verified from the validation report and previous verification report.

2.6 Eligibility for Validation Activities

This section is not applicable for present verification, as LGAI Technological Center, S.A. (Applus+ Certification) holds the necessary accreditation for the validation and verification for projects under Scope 1 / Technical Area 1.2.

3 VALIDATION FINDINGS

3.1 Methodology Deviations

PP has not sought any methodology deviations. Hence, this section is not applicable for present verification.

3.2 Project Description Deviations

There is no project description deviation in the current monitoring period however there are some approved deviations in the previous verifications. The details of approved deviations is as below:

Deviation 1:

In the Verra Registry, the project proponent is listed as Mytrah Energy (INDIA) Ltd. While during the previous monitoring period, the project proponent has changed its name from "Mytrah Energy (INDIA) Ltd" to "Mytrah Energy India Private Limited". And it is also confirmed from PP that Mytrah Energy India Private Limited is the same legal entity as Mytrah Energy (INDIA) Ltd.

The deviation has already been approved during the monitoring period of 18-March-2019 to 31-March-2020.

Deviation 2:

During Previous Monitoring period, there was change in other entity as per registered VCS PD. The details of other entity involved in the project is mentioned below-

Organization Name	Infinite solutions
Role in project	Carbon Consultant
Contact Person	Jimmy Sah
Title	Project manager
Address	214-215 Milinda Manor, Opp. Next Treasure Island, 2 RNT Marg, Indore- 452001
Telephone	+91-731-4050174
Email	jimmy@infinitesolutions.org

This deviation was requested in monitoring period of 01-June-2021 to 28-February-2022 and the deviation has been approved. The deviation does not have any impact on the project applicability, baseline scenario, additionally etc. and the deviation has been approved by the board.

Deviation 3:

The VCS registered Joint PD & MR mentioned that the difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity. However, as per the state government policy of Karnataka 115% transmission losses are accounted in calculation of net electricity supplied to grid by the project activity. The formula used for net electricity calculation is mentioned below: -

$$EG_{PJ,grid,y} \text{ or } EG_{facility,y} = \text{Energy export} - 115\% \text{ of Import Energy}$$

This is the actual practice being followed at the site. The net electricity can be verified from the invoices provided by the PP. Thus, deviation is requested to correct project description information. This deviation is permanent in nature.

This deviation is reducing the electricity generation thereby reducing the emission reductions which is conservative. This deviation does not have any impact on the project applicability, baseline scenario, and additionality etc. This deviation was approved by the board in the verification period 1-March-2019 to 31-March-2020.

Deviation 4:

During the verification period 01-April-2022 to 30-June-2023, the derivation is applied for the geo coordinate correction. The VCS registered Joint PD & MR mentioned the wrong geo coordinates. Updated Geo Coordinates mentioned below.

SI No.	Name of SPVs	Village (site)	District	State	Latitude (N)	Longitude (E)
1	Mytrah Abhinav Power Pvt Ltd	Domakonda	Nizamabad	Telangana	18.2780	78.4687
		Arvapally	Nalgonda		17.3029	79.5131
		Tandur	Rangareddy		17.3073	77.6128
		Nagarkurnool	Mahabubnagar		16.4944	78.4221
2	Mytrah Adarsh Power Pvt Ltd	Reddypet	Nizamabad		18.4440	78.3964
		Chegunta	Medak		17.9915	78.4363
		Thunkibollaram	Siddipet		17.7595	78.5961
		Tungathurthy	Nalgonda		17.3556	79.8595
		Guntipally	Nalgonda		16.6383	78.7788
		Shanigaram	Siddipet		18.2259	79.0023

3	Mytrah Agriya Power Pvt Ltd	Kamareddy	Kamareddy		18.2521	78.2972
4	Mytrah Aadhya Power Pvt Ltd	Balrn	Sangrur	Punjab	29.8576	75.807
5	Mytrah Advaith Power Pvt Ltd	Hunagund	Bagalkot	Karnataka	16.0072	76.0394
		Sindagi	Bijapur		16.9663	76.2408
6	Mytrah Akshaya Energy Pvt Ltd	Raibagh	Belagavi		16.4149	74.92

This deviation is approved in the monitoring period of 01-April-2022 to 30-June-2023. The deviation does not have any impact on the project applicability, baseline scenario, additionality etc.

Deviation 5 applied during this monitoring period for meter change/replacements:

During this monitoring period (01-July-2023 to 31-March-2024), the meter changes were observed for some sites. The meter replacement was done for good ABT featured meters for better SCADA² compatibility. The billing meters are under the control of State Utilities and PP do not have nay access or right to change it. It is sole discretion of State Utility and meter change/replacement is beyond the control of the Project Participants. Thus, Meter calibration and replacement are carried out by the respective State Electricity Boards.

This deviation does not have any impact on the monitoring plan & parameters. Further, meter replacements is carried out with better quality meters with same accuracy class and thus does not have any negative impact on the conservativeness of the measurements and thus quantification of GHG emissions. Further it does not impact on the other aspects of methodology monitoring requirements. The deviation is permanent in nature and further replacements may occur in case of meter replacements due to faults or regulatory/policy requirements of the state utilities. This is common industrial practice. Thus, as there is no impact of deviation on the additionality, project design, methodology, monitoring & conservativeness of emission reduction quantifications; accepted by VVB.

² Supervisory Control and Data Acquisition software.

3.3 New Project Activity Instances in Grouped Projects

The project is not a grouped project. Thus, this section is not applicable.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes

☒ No

4 VERIFICATION FINDINGS

4.1 Project Details

Item	Evidence gathering activities, evidence checked, and assessment conclusion:				
Audit history	Audit type	Period ³	Program	Validation/verification body name	Number of years
	First Verification & Validation of Second Crediting period	19-June-2017 to 17-March-2019	VCS	LGAI TECHNOLOGICAL CENTER, S.A. (APPLUS+ CERTIFICATION)	01 year 08 months and 27 days
	Second Verification	18-March-2019 to 31-March-2020	VCS	TUV SUD SOUTH ASIA PVT LTD	01 year 0 months 14 days
	Third Verification	01-April-2020 to 31-May-2021	VCS	KBS certification Pvt. Ltd.	01 year 02 months 00 days
	Fourth Verification	01-June-2021 to 28-February-2022	VCS	LGAI Technological Centre S.A.	00 year 09 months 00 days
	Fifth Verification	01-March-2022 to 31-March-2022	VCS	LGAI Technological Centre S.A.	00-year 01 month 00 days
	Sixth Verification	01-April-2022 to 30-June-2023	VCS	VKU Certifications	01 year 03 months 00 days
	Seventh Verification	01-July-2023 to 31-	VCS	LGAI Technological Centre S.A.	00 year 09

Item	Evidence gathering activities, evidence checked, and assessment conclusion:				
		March-2024			months 00 days
	The above audit history of the project has been verified and confirmed to be correct by the assessment team from the VERRA project portal ^{4/24/} , Verification report, registered VCS PD-MR, the previous monitoring reports & respective verification reports of previous monitoring periods ^{/4/} .				
Double counting and participation under other GHG programs	The current project activity is not receiving or seeking credits for reductions and removals from a project activity under another GHG program other than VCS. Verification team checked independently other registries such as UNFCCC CDM⁵, Gold Standard for the Global Goals (GS4GG⁶), Global Carbon Council (GCC⁷), International Carbon Registry (ICR⁸) ^{/25//26//27//26/} and confirmed that project is not participating in any other GHG programs other than VCS program. Also, International REC (I-REC) registry (https://www.irecstandard.org/) is cross-checked and found that this project is not under I-REC as well. Thus, double counting for the current monitoring period is ruled out. Verification team further confirms that project activity is not rejected by any other GHG program. The project proponent has submitted a declaration dated 29-March-2024^{/12/} to the verification team declaring that the project is not registered under any other carbon standard other than VCS and is not rejected or under the process of registration in any other GHG program.				

⁴<https://registry.terra.org/app/projectDetail/VCS/1784>

⁵ <https://cdm.unfccc.int>

⁶ <https://www.goldstandard.org/>

⁷ <https://projects.globalcarboncouncil.com/>

⁸ <https://www.carbonregistry.com/>

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
No double claiming with emissions trading programs or binding emission limits	The project activity is not participating in other emission trading programs or binding emission limits as confirmed in declaration submitted by the project proponent^{/12/}. VVB confirms that project activity not included in ET program and not used for compliance with an emission trading program or to meet binding limits on GHG emissions. Project Proponent has submitted a declaration dated: 29-March-2024^{/12/} for no double counting with any other GHG program. PP also declared that the credits claimed under VCS for the current monitoring period are not claimed under any other GHG mechanism and will not be claimed in the future either. This has also been confirmed by the assessment team by interview with the concerned person from the project proponent.
No double claiming with other forms of environmental credit	The project has not sought, received or planning to receive any other forms of environmental credit for reductions and removals from another GHG-related environmental credit system. The project proponent has submitted a declaration dated: 29-March-2024^{/12/} to VVB team declaring that the project is not claiming any other form of GHG related environmental credit under any other emissions trading programs or binding emission limits. The assessment team has also cross-checked the issuance records available on the Verra^{/24/} website and thus confirmed & ensured that the emission reductions generated from the project activity are not & will not be double counted, hence accepted by the assessment team. The GHG credits from 01-July-2023 to 31-March-2024 (both days included) will be claimed under VCS only. At any point of time during the crediting period, the project proponent will abide by the declaration of “No Double Counting”^{/12/}.
Supply chain (scope 3) emissions double claiming	The project activity is solar power project developed by project proponent JSW Neo Energy. The basic objective of the project is to the generate electricity and supply to Indian grid (via state electricity board). The project proponent is not involved in any other business activity where they can act as a buyer or seller of a product whose emission footprint is changed by the project activity. The project activity is not a part of any supply chain. Hence, there is no possibility for double claim. This has been

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
	confirmed by the assessment team by interview with the concerned person from the project proponent.
Sustainable development contributions	The Project activity is contributing to SDG 7, SDG 8 & SDG 13. The same is described in Section 1.12 of VCS MR. VVB confirmed that the project implementation has led in contribution to SDG 07, SDG 08 and SDG 13. The project supplies clean, affordable and renewable energy 469,901.82 MWh net electricity under the monitoring period without reliance on fossil fuels for generation of electricity to meet the growing demands in the region. The generated electricity avoided release of 440,173 tCO ₂ in to the atmosphere. PP has created total 10 jobs and provided 20 training during the present monitoring period as verified from the offer letters, attendance sheet and salary slips/ ^{14/} submitted to PP and during the onsite visit/ ^{19/} .
Additional information relevant to the project	No commercially sensitive information has been mentioned in the monitoring report to have been excluded from the public version of the project documents. This has also been confirmed during interview with the concerned person from the project proponent.

4.2 Safeguards and Stakeholder Engagement

4.2.1 Stakeholder Identification

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Stakeholder identification	The local stakeholder consultation was conducted for in year 2015, 2016 and 2017 at different project site given below in table, prior to validation ⁹ of project activity as verified from validation report/ ^{4/} of the project activity. Project proponent has identified following stakeholders meeting at the sites conducted prior to validation of project activity.

⁹ <https://registry.verra.org/app/projectDetail/VCS/92>

SPV	Date of meeting	Village	District	State
Mytrah Abhinav Power Private Limited	19-January-2016	Thimmajipet	Mahabubnagar	Telangana
	20-January-2016	Arvapally	Nalgonda	
	22-march-2016	Domakonda	Nizamabad	
	18-January-2016	Alampur	Gadwal	
	21-January-2016	Gadwal	Gadwal	
	22-January-2016	Tandur	Rangareddy	
	23-january-2016	Nagarkurnool	Mahabubnagar	
Mytrah Adarsh Power Private Limited	20-February-2016	Reddypet	Nizamabad	Telangana
	22-February-2016	Chegunta	Medak	
	23-February-2016	Thunkibollaram	Siddipet	
	24-February-2016	Tungathurthy	Nalgonda	
	25-February-2016	Guntipally	Nalgonda	
	25-February-2016	Shanigaram	Siddipet	
Mytrah Agriya Power Private Limited	19-February-2016	Kamareddy	Kamareddy	Telangana
Mytrah Akaash Power Private Limited	16-January-2016	KM Palli	Nalgonda	Telangana

	Mytrah Aadhya Power Private Limited	26-September-2015	Bareta & Balran	Bagalkot	Punjab
	Mytrah Advaith Power Private Limited	15-April-2016	Hunagund	Bagalkot	Karnataka
		16-April-2016	Sindagi	Bijapur	
	Mytrah Akshaya Energy Private Limited	22-April-2017	Raibag	Belagavi	Karnataka
	1. Local community 2. Gram Panchayat members of seven villages directly coming under the purview of the project 3. District and state level government officials 4. NGOs working for environmental cause 5. Representatives of project activity 6. local administration representatives				
Legal or customary tenure/access rights	Assessment team verified that are no legal rights to territories and resources, including collective and conflicting rights held by stakeholders, indigenous people (IPs), Local communities (LCs), and customary rights holders with regards to the project during onsite visit, before commissioning of the project activity project proponent has acquired land from several local landowners, with the acquisition process completed after obtaining all the necessary consent. Further, no concerns/disputes raised during local stakeholder consultation which was checked with the local stakeholder records (feedback form). Thus, not applicable.				
Stakeholder diversity and changes over time	During onsite inspection/^{19/} and Verification team reviewed the stakeholder engagement and Ongoing Grievance register. verification team confirmed that stakeholders identified for this project activity are				

	diverse in nature – in terms of socio-economic status, age and gender wise and the diversity is unlikely to change over time.
Expected changes in well-being	The project facilitated the creation of employment opportunities during both the construction and operation phases. Additionally, it contributed to regional infrastructure development, including the construction of roads. The VVB team confirms the same through onsite inspection and interviewing local stakeholders.
Location of stakeholders	Local stakeholders consist of residents within and surrounding the project area and same has been verified by assessment team through local stakeholder records and onsite interview.
Location of resources	The project is installation of Solar power plant. It does not involve resources owned by the stakeholders. Hence, not applicable

4.2.2 Stakeholder Consultation and Ongoing Communication

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Ongoing consultation	Project Proponent has submitted the feedback register kept at site for the ongoing communication with the local stakeholders. VVB confirmed that at the onsite audit and interviews/ ^{19/} & submitted grievance register/ ^{15/} . In plant site office seeking complaints/grievances from local community as a part of ongoing communication with stakeholders in line with clause 3.18.3 of VCS Standard, v.4.7.
Date(s) of stakeholder consultation	Year 2016 (Initial LSC conducted at the time of registration). The stakeholder consultation details has been verified with the registered documents/ ^{4/} and interview with local stakeholders & project representatives during the onsite audit/ ^{19/} .
Communication of monitored results	Verification team has checked the registered VCS-PD/ ^{4/} and pertaining stakeholder consultation information and confirmed that the stakeholder consultation meeting was focused towards making aware local stakeholders including local community, local administration representatives working for environmental cause etc., about the project activity that involves electricity generation produced

	by wind plant with the primary objective of reducing emissions of GHGs in compared to pre-project or baseline scenario. The grievance logbook/^{15/} is always available at the site and office for stakeholders to write in or ask for assistance to write any inquiry. No any grievance received during current monitoring period. The verification team confirmed the same from the grievance register maintained by the PP.
Consultation records	Verification team checked Suggestion/ grievance register submitted by project proponent.
Stakeholder input	The project proponent has considered suggestions and opinions of stakeholders. Verification team checked the details pertaining to stakeholder consultation during registration/ ^{4/} and confirm the same during the onsite audit and interviews with stakeholders & employees.

4.2.3 Free, Prior, and Informed Consent

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Consent	No rehabilitation, relocation, or resettlement of local residents occurred as a result of the project activity. The project acquired small parcels of land and provided appropriate compensation to the local villages. Furthermore, no ongoing or unresolved conflicts arose due to the project activity. During onsite audit & inspection/ ^{19/} VVB team verified the clarity and stability of land tenure, access rights, usage rights, and ownership, eliminating any uncertainties in these aspects.
Outcome of FPIC discussion	The project activity is under 7 th verification of 1 st CP. These aspects have been covered under validation. Project proponent asserts that no land encroachment occurred, no individuals were relocated without consent, and no instances of forced physical or economic displacement were initiated by the project. VVB team verified the same by interview local stakeholder and during onsite audit & inspection/ ^{19/} .

4.2.4 Grievance Redress Procedure

Item	Evidence gathering activities, evidence checked, and assessment conclusion
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Grievance received and steps taken to resolve the grievance including the outcomes of the resolution	Verification team has checked the feedback cum grievance registers/ ^{15/} submitted by project proponent. Verification team found that no any grievance's were received during the current monitoring period. Grievance register was verified by VVB by interviewing local stakeholders during the onsite audit & inspection. Thus, verification team is of the opinion that the ongoing stakeholder mechanism is adequate and appropriate.
Grievance redress procedure	Assessment team during the onsite audit & interview found that, Grievance redressal mechanism is established as per the company policy/^{28/}. The assessment team also checked the copies of the grievance registered maintained at all other sites during document review and HR policies for grievance/complaint handling/^{28/}. PP has maintained the grievance register at the project site for any kind of complaints if any. PP regularly review the grievance book and resolve the issue of local stakeholder and employee as well. Same has been confirmed during the onsite interview/^{19/} and document reviews/^{15/}. During onsite audit, it was confirmed that Stakeholder's feedback is monitored continuously, and the stakeholders are well aware of the grievance redressal procedure. Thus, verification team concludes grievances redressal process is adequate and appropriate.

4.2.5 Public Comments

Comments received	Actions taken by the project proponent	Evidence gathering activities, evidence checked, and assessment conclusion
No comments received	No comments received. Thus, not applicable.	This is verification of the project. The expected comment is from the local stakeholders only. Verification team checked the feedback cum grievance register/ ^{15/} and confirmed that no any grievances have been received during current verification period. Thus, verification team is of the opinion that the ongoing stakeholder mechanism is adequate and appropriate

4.2.6 Risks to Local Stakeholders and the Environment

4.2.6.1 Management Experience

During the onsite audit, the assessment team has interviewed PP representatives and have confirmed that the management team is with the PP for a long time and having a vast experience of implementing such projects. Operation and maintenance team has years of experience on the renewable energy sector. In addition to the owner's engineer, the project proponent employed skilled employees who have relevant experience in managing the project construction, operation, and community engagement or its environmental and social aspects.

The project team operates within a defined organizational structure approved by the board members. The project management team consists of experienced professionals with diverse backgrounds in environmental management, data, and project management. Their combined expertise ensures the effective implementation and monitoring of the project, adhering to the Verra requirements.

Few carbon advisors/consultants were hired by the project proponent in previous verifications/^{24/} such as Jaiprakash power ventures limited, EKI Energy Services Limited, etc. for the consultancy purposes.

These details were confirmed by the assessment team by reviewing the registered project documentation, previous verifications/^{4/}, by reviewing Employee register/^{14/} and through interviews with project proponent representatives/^{19/}.

Thus, assessment team noted that the team has all the expertise or experience needed to support the current project activity.

4.2.6.2 Risk Assessment

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Natural and human induced risks to stakeholders' wellbeing	No Natural or human induced risks to stakeholder's wellbeing were identified for this project activity. Assessment team through the documentary review, reviewing the project location and onsite interviews confirmed that the project is located in a remote area. Therefore, the project operation did not pose any risks to the stakeholder's well-being being environment friendly technology & having positive social impacts. Regardless of the project location, the project proponent has a Community Health and Safety Plan to prevent risks from occurring. They appointed site HSE personnel who are responsible for ensuring community health and safety near the site and detecting any early signs of risks through

	regular meetings with the local stakeholders. This practice was confirmed by the assessment team through onsite interviews/^{19/} with local stakeholders and PP representatives. Proper safety protocols are followed in and around the project premises. Also, it was confirmed that the local community did not experience any adverse impacts from the project. No grievances were raised for the same issues. Assessment team confirmed the same through onsite interviews and by reviewing the grievance register./^{15//19/} Thus, assessment team confirms that there are no Natural and human induced risks identified pertaining to stakeholders' wellbeing.
Risks to stakeholder participation	Stakeholder meeting was conducted during the validation stage of the project activity. There is no separate stakeholder consultation for the current verification other than ongoing communication with the stakeholders. Verification team has checked feedback register during onsite visit and found that there is no risk to stakeholder for registering the grievances.
Working conditions	Assessment team during the onsite audit confirmed that all the safety provisions/measures are in place as per the Health and Safety regulations. The workforce is provided with appropriate safety equipment and PPE. Their consistent use at the project site is ensured by the HSE team and also confirmed from submitted safety trainings/^{22/} records, which are provided to the workers. forced labour is strictly prohibited as per labour law. This was confirmed by assessment team. The risks about occupational health and safety were considered to be negligible during the operation phase. Thus, it can be concluded that, the project proponent has undertaken necessary safety measures to reduce and avoid any risks related to working conditions and safety of the employees. No such risks identified during the current monitoring period.
Safety of women and girls	No risk identified. PP has implemented the company policy CSR policy/^{28/} HR policies to mitigate the risk.
Safety of minority and marginalized groups, including children	No risk identified. PP has implemented the CSR and EHS/^{28/} policy to mitigate the same.

Pollutants (air, noise, discharges to water, generation and release of hazardous materials and chemical pesticides and fertilizers	No risk identified. The project is a Solar power plant, thus eliminating concerns regarding air pollution. Additionally, the power generated by this project contributes to improved air quality, avoiding use of coal dominated power plants in baseline and thus eliminating waste water discharge & hazardous materials, excess noise generating heavy machineries. The VVB has reviewed the evidence (JMRs & Invoices/^{11/} and commissioning certificates/^{1/}) and concludes that the project effectively enhances nearby environment and achieved significant emission reductions. Verification team noted that, Construction activities result in creation of fugitive dust, excess noise, release of hazardous waste are considered to have occurred during the construction period only. Owing to the fact that construction period being a short-term activity, the impact is considered to be low. and mitigation measures/policies/^{28/} are in place for the other applicable risk related to operation of the project activity.
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4.2.7 Respect for Human Rights and Equity

4.2.7.1 Labor and Work

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Discrimination	During the onsite audit and interviews, representative of the PP confirmed that the national law prohibiting the discrimination and sexual harassment¹⁰ is being followed strictly. Further, verification team did not find any complain regarding the same in grievance register and through independent search. PP representative confirmed during onsite audit & interviews that there has been no reports of discrimination or sexual harassment for this monitoring period. The same has been confirmed from the HR policy of the company. Also, PP has implemented “Policy on Prevention of Sexual Harassment”/^{28/}.
Sexual harassment	No new entity is involved in project design or implementation, of project activity. The VVB team verified this by reviewing the credentials of the management team members during assessment and onsite audit & interviews. Additionally, the VVB team conducted interviews with key personnels and checked the Company policy for the sexual harassment and ethics committee formation procedure and member selection process. Same was found appropriate.

¹⁰ The Sexual Harassment Of Women At Workplace (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013
ACT NO. 14 OF 2013, Dated 22-April-2013

Gender equity in labor and work	PP provides equal opportunities in the context of gender equity and pay for labour and work as confirmed during the onsite audit & interviews. The VVB team verified this by reviewing the policy documentation and interviewing personnel responsible for talent acquisition to ensure adherence to the outlined parameters. Additionally, Assessment team has checked the company company policy/ ^{28/} and found it consistent with national labour law.
Forced labor	Assessment team verified that, project is undergoing verification, project activity is already validated, thus during onsite audit and interview with plant personnels of project proponent was confirmed that, project operates in compliance with the national labor law and PPs not employ victims of human trafficking, forced labor, as required by the Act. No forced labour observed during the inspection of Solar power plant and desk review of employment records submitted by PP.
Child labor	The project proponent bans all types of child labour via its policy. No complaints related to child labour have been received. The PP strictly follows the national laws prohibiting human trafficking, forced labour and child labour. There have been no reports of human trafficking, forced labour and child labour during this monitoring period as observed during the onsite audit or feedback records which were confirmed through interviews with project staff. /^{19/} The project aligns with the labour convention and labour rights of India, which is a member of the International Labour Organisation (ILO). No human trafficking, no forced labour (all employees declared) and no children are employed by the project.
Human trafficking	The company staff are hired on a consensual and contractual basis. No complaints related to human trafficking have been received. The PP strictly follows the national laws prohibiting human trafficking, forced labour and child labour. There have been no reports of human trafficking, forced labour and child labour during this monitoring period as observed during the onsite audit and confirmed through interview with project staff. /^{19/} The project aligns with the labour convention and labour rights of India, which is a member of the International Labour Organisation (ILO). No human trafficking, no forced labour (all employees declared) and no children are employed by the project.

4.2.7.2 Human Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No risk identified	Project Proponent following the international human rights law¹¹, ILO Convention 169 on Indigenous and Tribal Peoples. There are no human rights violation of any kind to any of the stakeholders during construction and operation of the project activity. The project is a solar power project activity which is implemented without cultural or social biases, safeguarding the rights of IPs, LCs, and customary rights holders to be free from discrimination. There are no human rights violation of any kind to any of the stakeholders during construction and operation of the project activity observed during the audit.

4.2.7.3 Indigenous Peoples and Cultural Heritage

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No risk identified to the cultural heritage	The project activity is Implemented on a land which is belongs by project owner. Hence, no tangible cultural heritage has been hampered for the project activity. There is no indigenous and cultural heritage near the project as observed during onsite visit. Further, PP's committed to protect regional as well as national cultural heritage confirmed from Environment, Quality, Occupational Health, Safety & Social Policy/^{28/} & Environment Impact Assessment report/^{08/} submitted by PP.

4.2.7.4 Property Rights

Risks identified	Evidence gathering activities, evidence checked, and assessment conclusion
No risk identified	The project activity was implemented on land that was owned by project owner. Thus, No conflict emerged during this monitoring period.

¹¹ <https://www.ohchr.org/sites/default/files/Documents/Publications/fs9Rev.2.pdf>

	As verified by the assessment team from the registered PD-MR and from the local stakeholders during the onsite interviews^{19/}, there are no agreement signed on property rights, and project activity was conducted on land that was privately owned. There were no pending property rights conflicts and disputes as confirmed by the local stakeholders in the interviews for current monitoring period. No conflict emerged during this monitoring period. Thus, no risks related to the property rights were identified.
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4.2.7.5 Benefit Sharing

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Summary of the benefit sharing plan	During onsite interview with project proponent representatives, it was observed that project proponent has acquired land from local villages for its project activities, ensuring fair compensation for the local villagers (stakeholders). In addition to this, PP actively supports the villagers through various social welfare initiatives. These include the construction of roads, footpaths, a cremation ground, and a footbridge in the project area. Further, from interview with local stakeholder it was confirmed that project proponent also supports local educational institutions and provides health services through its plant dispensary. PPs CSR policy^{28/} reflects its commitment to ongoing community development efforts
Benefit sharing during the monitoring period	Details of the activities undertaken for the welfare of local communities during the current monitoring period are provided in the CSR Report^{28/} which has been checked and verified by the VVB during the onsite visit and interview with local stakeholders & project representatives.

4.2.8 Ecosystem Health

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Impacts on biodiversity and ecosystems	No risk identifies. As project activity is a Solar power project it does not store large amounts of river water, preventing submergence of forests, fertile land, or inhabited areas. The structures are not large enough to significantly

	disturb the ecosystem. Therefore, no impact on biodiversity is likely to be caused as observed by the VVB.
Soil degradation and soil erosion	No risk identifies. No soil erosion and degradation are likely to be caused by project as observed by the VVB during onsite inspection.
Water consumption and stress	No risk identifies. The project is a solar power project and does not affect the quality and quantity of underground water. hence stress is not likely to be caused.

4.2.8.1 Rare, Threatened, and Endangered species

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Species or habitat	During the onsite audit ^{/19/} , project proponent informed that there are no sensitive, rare, threatened, or endangered flora or fauna species or habitat within the project implementing territory. Same was confirmed by the local stakeholders too. Hence, This section is not applicable.
Areas needed for habitat connectivity	As project is not located to any adjacent habitat for rare, threatened or endangered species. Therefore, project does not act as a barrier in habitat connectivity. Assessment team confirmed the details during the onsite audit & interviews with project proponent representatives and also local stakeholders. Hence, this section is not applicable.

	Evidence gathering activities, evidence checked, and assessment conclusion
Habitats for rare, threatened, and endangered species	This section is not applicable. Since, there is no impact on Habitats for rare, threatened, and endangered species. The project has not adversely impacted areas needed for habitat connectivity during the monitoring period. Assessment team through the review of project location and geo-coordinates confirmed that the project is relatively located in a remote area, which makes the project isolated. There are no habitats of people or any bird or animal species nearby the project area. Moreover, during the onsite audit^{/19/}.

Areas for habitat connectivity	This section is not applicable. Since, there is no impact on areas needed for habitat connectivity. The project has not adversely impacted areas needed for habitat connectivity during the monitoring period.
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4.2.8.2 Introduction of Species

Species introduced	Evidence gathering activities, evidence checked, and assessment conclusion
Not applicable, as no species introduced.	This section is not applicable since no new species have been introduced in the project implementation area as verified by the assessment team during the onsite inspection & interviews ^{19/} with PP representatives.

Existing invasive species	Evidence gathering activities, evidence checked, and assessment conclusion
Not Applicable, as no invasive species exists.	This section is not applicable since there are no existing invasive species in the project implementation area as verified by the assessment team during the onsite audit & interviews with PP representatives.

Evidence gathering activities, evidence checked, and assessment conclusion	
Invasive species	This section is not applicable since no new species have been introduced in the project implementation area and there are no invasive species in the project implementation area as verified by the assessment team during the onsite audit & interviews with PP representatives.

4.2.8.3 Ecosystem conversion

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

4.3 Accuracy of Reduction and Removal Calculations

Means verification of	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the VCS PD-MR ^{4/} . The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have
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	been carried out in accordance with the formulae and methods described in the monitoring plan of the VCS PD-MR/ ^{4/} .										
Findings	CAR05 was raised during the verification process and closed successfully. Please refer Appendix 3 of this report for the detailed closure of the findings.										
Conclusion	The project activity has been monitored as per the monitoring plan mentioned in registered Joint PD-MR/^{4/}. All the deviations identified during the previous monitoring periods have been approved by VERRA. The verification team confirms that the flow of information (from data generation, aggregation, to recording, calculation and reporting for these parameters including the values) is as per the monitoring plan mentioned in registered Joint PD-MR /^{4/}. The assessment of each parameter identified in the project activity to calculate the GHG emission reductions have been done in the tables given below – 1. Data/Parameter, Unit Net Electricity supplied to the grid by the project activity during the year y ($EG_{PJ,y}/EG_{facility,y}$) in MWh <table border="1"> <tr> <th>Purpose of data</th><th>Baseline emissions</th></tr> <tr> <td>Monitoring equipment (type, accuracy class, serial number, calibration frequency, date of last calibration, validity)</td><td>The quantity of net electricity generation supplied by the project plant to the grid are monitored from the bi-directional energy, Calibration Frequency – Once in 5 years (refer Appendix 6 for Meter/calibration details).</td></tr> <tr> <td>Measuring/Reading/Recording frequency</td><td>Continuous monitoring of electricity generation and import, monthly recording of net electricity export (Joint Meter Reading Reports)^{11/}.</td></tr> <tr> <td>Data collection (from data generation, aggregation, to recording, calculation and reporting)</td><td>At the end of each month, the data from the monthly meter readings as provided in Joint Meter Reading Report/^{11/}, will be added up to obtain the total monitoring period net electricity generation. The registered VCD PD-MR/^{4/} states that the calibration frequency of the equipment should as per the manufacturer specification i.e., once in five years. However, there is no delay in calibration has been observed confirmed from the submitted calibration certificates/^{5/} & registered previous verification documents/^{4/}. Therefore, it was accepted by the assessment team.</td></tr> <tr> <td>Verified value</td><td>469,901.82 MWh Karnataka: 59,989.71 MWh</td></tr> </table>	Purpose of data	Baseline emissions	Monitoring equipment (type, accuracy class, serial number, calibration frequency, date of last calibration, validity)	The quantity of net electricity generation supplied by the project plant to the grid are monitored from the bi-directional energy, Calibration Frequency – Once in 5 years (refer Appendix 6 for Meter/calibration details).	Measuring/Reading/Recording frequency	Continuous monitoring of electricity generation and import, monthly recording of net electricity export (Joint Meter Reading Reports) ^{11/} .	Data collection (from data generation, aggregation, to recording, calculation and reporting)	At the end of each month, the data from the monthly meter readings as provided in Joint Meter Reading Report/ ^{11/} , will be added up to obtain the total monitoring period net electricity generation. The registered VCD PD-MR/ ^{4/} states that the calibration frequency of the equipment should as per the manufacturer specification i.e., once in five years. However, there is no delay in calibration has been observed confirmed from the submitted calibration certificates/ ^{5/} & registered previous verification documents/ ^{4/} . Therefore, it was accepted by the assessment team.	Verified value	469,901.82 MWh Karnataka: 59,989.71 MWh
Purpose of data	Baseline emissions										
Monitoring equipment (type, accuracy class, serial number, calibration frequency, date of last calibration, validity)	The quantity of net electricity generation supplied by the project plant to the grid are monitored from the bi-directional energy, Calibration Frequency – Once in 5 years (refer Appendix 6 for Meter/calibration details).										
Measuring/Reading/Recording frequency	Continuous monitoring of electricity generation and import, monthly recording of net electricity export (Joint Meter Reading Reports) ^{11/} .										
Data collection (from data generation, aggregation, to recording, calculation and reporting)	At the end of each month, the data from the monthly meter readings as provided in Joint Meter Reading Report/ ^{11/} , will be added up to obtain the total monitoring period net electricity generation. The registered VCD PD-MR/ ^{4/} states that the calibration frequency of the equipment should as per the manufacturer specification i.e., once in five years. However, there is no delay in calibration has been observed confirmed from the submitted calibration certificates/ ^{5/} & registered previous verification documents/ ^{4/} . Therefore, it was accepted by the assessment team.										
Verified value	469,901.82 MWh Karnataka: 59,989.71 MWh										

		Punjab: 56,172.31 MWh Telangana: 353,739.80 MWh
	Cross checks	The verified values were crosschecked from the monthly invoices raised to state electricity Board. The values in Joint Meter reading reports/ ^{11/} and Invoices raised to state utility / ^{11/} are same.
	QA/QC procedures applied	The necessary QA/QC procedures are in place and the data management system is effective and reliable. The technical details of the meters are specified in the MR/ ^{6/} are found consistent with calibration certificates/ ^{5/} .
The above-mentioned parameter was measured in accordance with the approved VCS Joint PD-MR/^{4/} and monitoring plan of the applied methodology/^{17/} as ex-post. The following parameters were directly taken from the approved VCS Joint PD-MR/^{4/} to calculate the emission reduction as ex-ante fixed: a) EF_{Grid, CM,y}: The parameter is CO₂ emission factor of the grid. The value of the parameter is 0.9368 as per the registered Joint PD-MR/^{4/}. <u>Emission Reduction Calculations:</u> The calculation of emission reduction has been done in accordance to the applied methodology/^{17/}. As per the applied methodology, the values of project emission and leakages are considered as zero for the project activity. The equation used for calculation of baseline emission is given below: Baseline emissions are calculated as follows: $BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$ Where, BE_y = Baseline Emissions (tCO₂/year) EG_{PJ,y} = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the project activity in year y (MWh/year) EF_{grid, CM, y} = Baseline Emission Factor (Combined margin CO₂ emission factor for grid) Therefore, The baseline emissions (from 01-July-2023 till 31- March-2024): = 469,901.82 MWh * 0.9368 tCO₂/MWh = 440,173 tCO₂e (Round down Value). Project emissions are calculated as follows: As per para 38 of ACM0002 Version 19.0, for all renewable energy power generation project activities, emissions due to the use of fossil fuels for the backup generator can be		

	neglected. It has been clearly shown by the PP in the MR^{/6/}. Therefore, as per ACM0002 it can be taken as zero. This consideration was found to be in line with the applied methodology ACM0002 version 19.0^{/17/}. Leakages have been considered as zero for the project activity as per the applied methodology^{/17/}. Therefore, Net Emission reductions = Baseline emissions - Project emissions = 440,173 - 0 = 440,173 tCO_{2e}. The verification team confirms that appropriate methods and formulae for calculating baseline emissions have been followed. The assumptions, emission factors and default values that were applied in the calculations are justified. All the data were made available and have monitored as per required monitoring frequency. The means of verification for the values of parameters, used for baseline emission calculation, is described above According to the applied methodology, the conservativeness of the achieved emission reduction was checked, and the detailed emission reduction calculation has been transparently provided in the ER sheet^{/7/}. All the formulae and the calculation procedure were checked by the verification team. In the opinion of verification team, the assumptions, emission factors and default values that were applied in the calculations have been justified. Also, the verification team confirms that there were no manual transposition errors between the data sets in the ER Sheet^{/7/} during the current monitoring period. It is confirmed that the data has been measured directly from meters and it was cross checked from the monthly electricity generation records/JMRs and the invoices raised and was able to verify the same. Verification team confirms that the monitoring has been carried out in accordance with the monitoring plan, trainings and QA/QC procedure and emergency preparedness contained in the registered VCS PD-MR^{/4/}. Assessment team confirmed that the GHG emission reductions and removals have been quantified correctly in line with the registered VCS PD-MR^{/4/}.
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4.4 Quality of Evidence to Determine Reductions and Removals

Means of verification	The verification team checked the Calibration details of the monitoring meters with the calibration evidence ^{/5/} and whether the monitoring has been carried out in accordance with the applicable regulatory documents, inter alia, the applied methodology and registered monitoring plan. ^{/4//17/}
Findings	CAR 06 was raised during the verification process and closed successfully. Please refer Appendix 3 of this report for the detailed closure of the findings.
Conclusion	The metering arrangement is dedicated bi-directional electronic energy meters ^{/3/} of accuracy class 0.2s (main and backup) at project site. These

	meters record several parameters including net electricity generation. These electricity meters are being used by PP and grid company for monthly generation reports/JMRs/^{11/}. The details of meters are as follow Verification team has checked the calibration/replacement of meter evidences/^{5/} submitted for the electricity meters and confirmed that they are calibrated as per calibration frequency (once in five year) mentioned in registered monitoring plan. Project activity is in continuous operation no major breakdowns except a few minor incidents were found to have occurred/^{13/} during the current monitoring period. Project proponent clarified that the breakdown incidents occurred during current MP did not affect the production, monitoring and measurement, so no conservative measure shall be applied to the ER calculations. Assessment team cross-checked the plant breakdowns sheet /^{13/} to confirm about this and noted that the breakdown incidents that occurred during the current MP did not have any effect on the plant production. Overall, the plant was operating satisfactorily during the current MP. Hence, PP's clarification was found to be appropriate and acceptable. No unforced errors were observed. No sampling procedure applied for monitoring of the data parameter and entire documents were checked by the assessment team to arrive at positive verification conclusions. The monitoring plan is followed at the project site. All relevant documents were checked to assess the correctness and quality of data submitted by the project proponent, which are used to determine emission reductions. All the records needed for monitoring are archived in line with the requirements of the registered monitoring plan. No significant lack of evidence and missing data were detected during desk review and onsite interview discussion. Hence, the verification team confirms that the monitoring system ensures required quality of the monitoring system to ensure the quality of the monitored data. All internal data are subjected to QA/QC measures. The monitoring parameters have been measured / determined without material misstatements and is in line with all applicable standards and relevant requirements. The information inflow (from data generation, aggregation, to recording, calculation and reporting) is included in section 4 under each parameter and confirms to the requirement of the PD-MR/^{4/}. The export and import data are measured by the electricity meters, recorded continuously through electronic means and the invoices are generated monthly. The data is then reported annually on the VCS Monitoring Report as verified by the verification team through desk review and onsite assessment. It was also verified through onsite audit inspection/^{19/} that the plant's team involved in the monitoring of project activity is well experienced. Hence, the verification team concludes that competent staff is employed by the project proponent to carry out the relevant tasks with sufficient accuracy. Furthermore,
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	it was confirmed during audit discussion that internal training program for the monitoring staff is conducted on regular basis. The VVB confirms that the monitoring has been carried out in accordance with the applicable regulatory documents, inter alia, the applied methodology/^{17/} and that there are no material discrepancies between the project implementation and the project description, the implementation of the monitoring plan, its completeness and adequacy to the methodology. If any discrepancies have been found, these are reported, assessed and closed accordingly in the form of CLs or CARs (see Appendix 3), as well as if any project/methodology deviation is sought for this monitoring period, can be found in Section 3 of this Verification Report/^{4/}. As a result of verification of the Emission Reductions calculation process, the VVB confirms that all the parameters required for their determination have been included in the Monitoring Report/^{6/} and ER Calculation sheet/^{7/} for which this verification applies. After verifying the data sources, data collection and aggregation processes and final calculations and reported figures, it is confirmed that the values of the parameters from the data sources are consistent with those finally reported in the Monitoring Report and ER Calculation sheet. /^{6//7/} The verification process for the same and the quality of used evidence have been clearly described above in Section 4 of this Verification Report/^{4/}. The verification team can confirm that sufficient evidence is available for the whole monitoring period and the same is verifiable and that the data collection system meets the requirements of the monitoring plan and the applied methodology according to the assessment carried out during the onsite audit/^{19/} and in the document review.
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4.5 Non-Permanence Risk Analysis

Not applicable as this is a renewable project type.

5 VERIFICATION OPINION

5.1 Verification Summary

LGAI Technological Center S.A. (Applus+ Certification) has been contracted/^{2/} by JSW Neo Energy to perform the 7th periodic verification of GHG Emission Reductions for the project activity “Solar Power Project by Mytrah Energy India Private Limited” (VCS project ID #1784)/^{24/}.

The monitoring period included in the Monitoring Report^{/6/} for which this verification applies is: 01-July-2023 to 31-March-2024 (both days included).

The management of JSW Neo Energy is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions on the basis set out within the project's Monitoring Plan in the registered Project Description-Monitoring Report (PD-MR)^{/4/} and the approved methodology, ACM0002., Version 19.0.^{/17/}

VVB confirms that, GHG statement is the responsibility of the project proponent. The project activity fulfills the criteria for the verification as established in section 4 of the VCS standard version 4.7^{/10/}. Verification team has reviewed the monitoring report including registered VCS PD-MR and subsequently carried out the onsite audit/ follow-up interviews^{/19/} with PP representatives and confirm the fulfilment of stated criteria. Verification team has the unmodified opinion regarding the project activity, VVB team has checked all the details and found it consistent and free of material errors or misstatements.

Applus+ Certification's verification approach has been based on the requirements of the applicable regulatory documents (defined within this Verification Report and listed in the Appendix 2). Our approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these.

The verification can confirm that:

- The project is implemented and operated as per the registered PD-MR^{/4/};
- The monitoring plan in registered PD-MR is as per the applied methodology^{/17/};
- The monitoring complies with the monitoring plan in the registered PD-MR^{/4/};
- The monitoring report and other supportive documents provided are complete and verifiable and in accordance with the applicable VCS requirements and any other applied regulatory document;
- The installed equipment's being essential for generating emission reductions runs reliably and are calibrated appropriately (where applicable);
- The monitoring system is in place and generates GHG emission reductions data;
- The GHG emission reductions are calculated without material misstatements.

A Reasonable Level of assurance was achieved as planned, during verification process.

As per VCS Standard version 4.7 Para 4.1.10, VVB team verified that, the criteria for verification of the project activity are in line with the relevant VCS Version 4 criteria^{/10/}. The objective of this verification activity is to have an independent third party for the assessment of the Monitoring report, emission reduction sheet and to ensure a thorough assessment of the project activity against the applicable regulatory requirements.

VVB concluded the assessment, as per para 4.1.18 of the VCS standard version 4.7 ^{/10/}, with a positive verification opinion regarding the project activity. The VVB team has raised 06 Corrective action requests (CARs), 02 Clarification (CLs) and no FAR (forward action request). All the issues identified as CARs and/or CLs have been successfully closed and mentioned in Appendix 3 of this verification report. The VVB team clearly state that there is no material misstatement at the level of the GHG statement and GHG declarations made by the Project Proponent. VVB declared that the validation and/or verification of the GHG statement was conducted in accordance with ISO 14064-3:2019 and ISO 14065:2020.

5.2 Verification Conclusion

Our verification approach was based on the requirements as defined under the applicable VCS regulatory requirements^{/10/}. The verification has been conducted in accordance with the VCS standard version 4.7^{/10/}, other valid and applicable VCS regulatory documents and templates ^{/10/}(see under appendix 2 of this report), UNFCCC rules and requirements^{/17/} (where applicable) and associated decisions of the VCS secretariat and the UNFCCC Executive Board (where applicable) and VCS requirement. Our approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. Further, the verification has been planned and organized to achieve a Reasonable Level of assurance as per the requirement of paragraph 4.1.10 (1) of the VCS standard V4.7^{/10/}. No sampling procedure applied for document verifications. The entire documents checked/Power plant verification conducted to arrive at positive verification conclusions.

The verification team can confirm that:

- the project is implemented and operated as planned and described in the project documents;
- the monitoring plan is as per the applied methodology^{/17/};
- the monitoring process in Monitoring Report is as per the registered VCS PD-MR^{/4/}
- the development and maintenance of records and reporting procedures are in accordance with the monitoring plan;
- the installed equipment's being essential for generating emission reduction runs reliably and are calibrated appropriately;
- the monitoring system is in place and generates GHG emission reductions data;
- the GHG emission reductions are calculated without material misstatements.
- A Reasonable Level of assurance was achieved as planned, during verification process.

Verification period: From **01-July-2023** to **31-March-2024** inclusive both dates

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 VCUs (tCO ₂ e)	Removal VCUs (tCO ₂ e)	Total VCUs (tCO ₂ e)
01-July-2023 to 31-	282,981	0	0	282,981	0	282,981

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCUs (tCO ₂ e)	Removal VCUs (tCO ₂ e)	Total VCUs (tCO ₂ e)
December-2023						
01-January-2024 to 31-March -2024	157,192	0	0	157,192	0	157,192
Total	440,173	0	0	440,173	0	440,173

5.3 Ex-ante vs Ex-post ERR Comparaison

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-July- 2023 to 31-December-2023	321,884	282,981	-12.09%	The actual emission reductions achieved during this vintage are 12.10% lower than the estimated emission reductions in VCS PD-MR/ ^{6/} for corresponding vintage period. This is mainly dependent on the volume of solar radiation, which can vary due to climatic and environmental factors. As not in control of the PP and hence the justifications provided by project proponent during onsite interview are found acceptable.
01-January-2023 to 31-March -2024	159,192	157,192	-1.26%	The actual VERs are -1.00% lower than the estimated VCUs. Solar electricity generation is influenced by the availability of sunlight, with potential disruptions

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
				arising from grid downtime or reduced solar irradiance observed lower than the estimated emission reductions in VCS PD-MR/^{6/} for corresponding vintage period. This is due to the breakdown/^{13/} also. And hence the justifications provided by project proponent are acceptable.
Total	481,076	440,173	-8.50%	The Verified Emission Reductions (VERs) achieved are 8.42% lower than the estimated Verified Carbon Units (VCUs). The electricity generation of the solar project is dependent on the intensity and consistency of solar radiation, which is subject to variability due to weather patterns and grid availability constraints. These variations are external factors beyond the control of the Project Proponent. Found acceptable to VVB team.

APPENDIX 1: COMMERCIALLY SENSITIVE INFORMATION

<i>Section</i>	<i>Information</i>	<i>Justification</i>	<i>Assessment method and conclusion</i>
N/A	N/A	N/A	Not applicable as there is No commercially sensitive information has been included in this report.

APPENDIX 2: DOCUMENTS REVIEWED OR REFERENCED (VERIFICATION)

No.	Author	Title	References to the document	Provider
/1/		Commissioning certificates Issued	Office notification 598-809 dt.08-July-2003 Dt. 24-May-2003 Dt. 29-May-2003 Dt. 08-June-2003	Project Proponent
/2/	VVB	Contract of the project Proponent with the VVB	Contract document signed between PP and VVB, Version 2.0, dated 05-November-2024	Project Proponent
/3/	Project Proponent	Technical Specifications for the project major equipment's	Manufacturer technical specifications	Project Proponent
/4/	Project Proponent & VVBs	Previous Registered Documents e.i Verifications Report Validation Report Registered VCS Joint PD-MR for the project 'Solar Power Project by Mytrah Energy India Private Limited" version 02 dated 08-June-2019	https://registry.verra.org/app/projectDetail/VCS/1978 version 02 dated 08-June-2019	Others
/5/	Project Proponent	Calibration Certificates/Minutes of Meeting for Meter Change & calibration of Energy Meters	Dated of Calibration:10-November-2022	Project Proponent
/6/	Project Proponent	Monitoring Report version 01 (Initial) Monitoring Report version 03 (Final)	15-November-2024 18-February-2025	Project Proponent
/7/	Project Proponent	Emission reduction sheet version 01(Initial) Emission reduction sheet version 03 (Final)	10-September-2024 18-February-2025	Project Proponent
/8/	National Environmental Engineerin	Environment Impact Assessment (EIA) Report	April 2022	Project Proponent

No.	Author	Title	References to the document	Provider
	g Research Institute			
/9/	Project Proponent And Grid Company	Power Purchase Agreements	Dt. 04-June-1997 Dt. 28-February-2003	Project Proponent
/10/	VERRA	Standard documents used in the project activity • VCS Standard, v4.7 • VCS Program Guide, v4.4 • VCS Program Definitions, v4.5 • Registration and Issuance Process, v4.5 • Validation and Verification Manual, v3.2 • VCS Monitoring Report Template, v4.4 • VCS Verification Report Template, v4.4	VCS web site (https://verra.org/programs/verified-carbon-standard/vcs-program-details/)	VERRA
/11/	Project Proponent	Monthly Generation Records/JMRs and respective invoices/sales records for the monitoring period 01-July-2023 to 31-March-2024	For the monitoring period 01-July-2023 to 31-March-2024	Project Proponent
/12/	Project Proponent	Self-Declaration regarding no double counting or participation in other GHG program or emissions trading program or any other mechanism that includes GHG allowance trading for the concerned monitoring period	29-March-2024	Project Proponent
/13/	Project Proponent	Breakdown details for the monitoring period	Shutdown breakdown records of the current monitoring period	Project Proponent
/14/	Project Proponent	Employment evidence for plant persons and Training Certificates for the trainings conducted	For the monitoring period 01-July-2023 to 31-March-2024	Project Proponent
/15/	Project Proponent	Grievance register maintained at site	For the monitoring period 01-July-2023 to 31-March-2024	Project Proponent
/16/	UNFCCC	CDM validation and verification standard for project activities, Version 03.0	https://cdm.unfccc.int/sunsetcms/storage/contents/stored-file-	Others

No.	Author	Title	References to the document	Provider
			20210921115831128/reg_stan06_v03.0.pdf	
/17/	UNFCCC	Applied Methodology, ACM0002: Consolidated baseline methodology for grid-connected electricity generation from renewable sources Tool 07: Tool to calculate the emission factor for an electricity system (Version 06.0)	Version 19.0 https://cdm.unfccc.int/methodologies/DB/XP2LKUSA61DKUQC0PIWPGWDN8ED5PG https://cdm.unfccc.int/methodologies/PAMethodologies/tools/am-tool-07-v6.pdf	Others
/18/	NA	Onsite photographs, components /Videos /Meters photographs, etc	-	Project Proponent
/19/	VVB	Onsite audit records	Dated 08- November - 2024 TO 10 November- 2024 and 12- November-2024	VVB
/20/	UNFCCC	Guidelines for Application of materiality in verifications (version 02.0)	Version 02.0	UNFCCC
/21/	Project Proponent	Single Line Diagram (SLDs)	-	Project Proponent
/22/	Project Proponent	Training Records	01-July-2023 to 31-March-2024	Project Proponent
/23/	Project Proponent	Plant Layout	-	Project Proponent
/24/	VERRA	VCS webpage for the project, VCS ID 1784	https://registry.terra.org/app/projectDetail/VC/S/1784	Others
/25/	UNFCCC	Official registry website of Clean Development Mechanism https://cdm.unfccc.int/Projects/projsearch.html	Last retrieved data on 22-November-2024	Others
/26/	GS	Official registry website of Gold Standard https://www.goldstandard.org/	Last retrieved data on 22-November-2024	Others
/27/	GCC	Official registry website of Global Carbon Council https://www.globalcarboncouncil.com/	Last retrieved data on 22-November-2024	Others
/28/	Project Proponent	Company Policies CSR Policy	For the monitoring period 01-July-2023 to 31-March-2024	Project Proponent

No.	Author	Title	References to the document	Provider
		- Sexual Harassment Policy - Non-Discrimination Policy - Gender Equality - EHS - HR Policy		
/29/	Project Proponent	Organization Chart for JSW Neo Energy	-	Project Proponent
/30/	ICR	Official registry website of International Carbon Registry: https://www.carbonregistry.com/	Last retrieved data on 16-September-2024	Others
/31/	I-REC	Official registry website of International REC (I-REC) registry: https://www.irecstandard.org/	Last retrieved data on 16-September-2024	Others
/32/	-	<u>ISO 14064-3:2019: Greenhouse gases – Part 3: Specification with guidance for the verification and validation of greenhouse gas statements</u>	-	-
/33/	-	<u>ISO 14065:2020: General principles and requirements for bodies validating and verifying environmental information</u>	-	-
/34/	-	<u>ISO/IEC 17029:2019: Conformity assessment – General principles and requirements for validation and verification bodies</u>	-	-
/35/	-	<u>ISO 14064-2:2019: Greenhouse gases; Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements</u>	-	-

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

Table 1. Remaining FAR from validation and/or previous verification

FAR ID	XX	Section no.		Date: DD-Month-YYYY
Description of FAR				
NA				
Project participant response				Date: DD-Month-YYYY
NA				
Documentation provided by project participant				
NA				
VVB assessment				Date: DD-Month-YYYY
NA				

Table 1. CL from this validation / verification

Table 1. CL from this verification

CL ID	01	Section no.	1.4	Date: 16-November-2024
Description of CL				
PP requesting to submit the following documents: 1. Commissioning certificates 2. Attendance sheet (SDG 08) 3. Copies of JMR and Invoices for complete Project site Thus, CL#01 is raised.				
Project participant response				Date: 21-November-2024

The Project Proponent (PP) has submitted the following documents as requested:	
1. Commissioning Certificates	
2. Attendance Sheet (SDG 08)	
3. Copies of JMR and Invoices	
Documentation provided by project participant	
1. Commissioning Certificates	
2. Attendance Sheet (SDG 08)	
3. Copies of JMR and Invoices	
DOE assessment	Date: 21-November-2024
1. PP has submitted all the commissioning certificate for the project activity and same has found inline with the date provided in the monitoring report. Thus, acceptable to VVB team. 2. PP has submitted the attendance sheet to assessment team for the all the SPV required for the SDG 08, found acceptable to VVB team. 3. PP has submitted JMR and Invoices for the all the SPVs and found consistent with the values provided in the ER sheet and found it accurate. Thus, found acceptable to VVB team. Thus, CL 01 is closed.	

CL ID	02	Section no.	4.1	Date: 16-November-2024
Description of CL				
PP requested to clarify monitoring period taken and calculation is till 01-April-2024, however end date of monitoring period mentioned in MR is 01-July-2023 to 31-March-2024 for few SPVs generation data. Kindly clarify.				
Project participant response				Date: 21-November-2024
The correct monitoring period in the Monitoring Report is 01-July-2023 to 31-March-2024. The correct dates have now been updated in the MR and ER sheet. The emission reduction calculations have been performed based on the corrected monitoring period dates.				
Documentation provided by project participant				
Revised Monitoring Report				
Revised ER sheet				
DOE assessment				Date: 21-November-2024
PP has now updated the ER sheet and monitoring period is now revised in the updated ER sheet. Thus, found acceptable to assessment team. Thus, CL 02 is closed.				

Table 1. CAR from this verification

CAR ID	01	Section no.	1.4	Date: 16-November-2024
Description of CAR				
During review of MR following inconsistencies were observed: - 1. Section 3.1 of the VCS MR version 01 is not in line with the VCS MR Template guidelines. 2. Date format is found inconsistent in monitoring report version 1. 3. VVB team has provided the comments in monitoring report version 01, PP requested to address the same. Thus, CAR#01 is raised.				
Project participant response				Date: 21-November-2024
1. Section 3.1 of the VCS Monitoring Report Version 01 has been revised to align with the VCS MR Template guidelines. 2. The date format inconsistencies identified in MR Version 01 have been corrected to ensure uniformity throughout the report. 3. The comments provided by the VVB team on MR Version 01 have been addressed, and the necessary updates have been incorporated into the revised monitoring report.				
Documentation provided by project participant				
Revised Monitoring Report Revised ER sheet				
DOE assessment				Date: 21-November-2024
1. PP has now revised the monitoring report as per the latest VCS MR Template guidelines and found acceptable to assessment team. 2. PP has now revised the date as per the standard format and make it consistent throughout the monitoring report. Thus, found acceptable to assessment team. 3. PP has addressed all comments provided in revised MR and inconsistencies has been resolved in the monitoring report. Thus, CAR 01 is closed.				

CAR ID	02	Section no.	4.1	Date: 16-November-2024
Description of CAR				
Single Line Diagram of the project activity is found missing in the Section 4.3 of the MR. Corrective action sought.				
Project participant response				Date: 21-November-2024
The Single Line Diagram of the project activity, which was missing in Section 4.3 of the MR, has now been included in the revised monitoring report.				

Documentation provided by project participant	
Revised Monitoring Report	
DOE assessment	Date: 21-November-2024
PP has now provided the SLD of the project activity for all the sites involved in the project activity. Thus, CAR 02 is closed.	

CAR ID	03	Section no.	4.1	Date: 16-November-2024
Description of CAR				
Section 1.9 of the VCS MR is not in line with the VCS Template guidelines. Also submit the No double counting Declaration of the project activity for the current monitoring period. Thus, CAR#03 is raised.				
Project participant response				Date: 21-November-2024
Section 1.9 of the VCS Monitoring Report has been revised to align with the VCS Template guidelines. Additionally, the "No Double Counting Declaration" for the project activity covering the current monitoring period has been prepared and submitted.				
Documentation provided by project participant				
Revised Monitoring Report No Double Counting Declaration				
DOE assessment				Date: 21-November-2024
PP has revised the section 1.9 of the revised as per the latest available template further also submitted the No Double Counting Declaration certificate dated 29-March-2024. Thus, CAR 03 is closed.				

CAR ID	04	Section no.	4.2	Date: 16-November-2024
Description of CAR				
1. PP has placed a grievance register on the site' is mentioned in the section 2,2 of the MR version 01. Kindly submit the Copy of Grievance register for all sites. 2. PP is requested to submit training records of the O & M personnel at the Site. Thus, CAR#04 is raised.				
Project participant response				Date: 21-November-2024
1. A copy of the grievance register for sites has been submitted to verification team. 2. Training records have also been submitted for review to verification team				

Documentation provided by project participant	
Grievance register	
Training records	
DOE assessment	Date: 21-November-2024
1. PP has submitted grievance register for all the project sites, further VVB team not no grievance is registered there. 2. PP has submitted the all the training records of the O & M personnel. Thus, found acceptable to assessment team.	

CAR ID	05	Section no.	4.3	Date: 16-November-2024
Description of CAR				
1. PP is requested to mention the Generation value as per the Invoice is missing for few sites. Also, submit the Invoices for the complete monitoring period of the Project. 2. PP requested to submit complete data of Invoices and JMR for the current monitoring period to crosscheck value in ER sheet provided. 3. Following inconsistencies observed in the ER sheet during the assessment of the generation value as per the JMR for provided for Karnataka site are as follows: I. Monitoring Period taken till 01-April-2024, however MP end on 31-March-2024 II. Under tab "6. Mytrah Advait & Aksha (KR)" Invoice data found missing clarify Thus, CAR#05 is raised.				
Project participant response				Date: 21-November-2024
1. The generation values as per the invoices for all sites have now been included in the revised ER sheet and monitoring report. Additionally, invoices for the complete monitoring period of the project have been submitted. 2. Complete data of invoices and JMR for the current monitoring period has been provided to facilitate cross-checking of the values in the ER sheet. 3. The following inconsistencies observed in the ER sheet for the Karnataka site have been addressed: • Monitoring Period Discrepancy: The monitoring period has been corrected to end on 31-March-2024, aligning with the defined MP, instead of 01-April-2024. • Missing Invoice Data: The invoice data under the tab. "Mytrah Advait & Aksha (KR)" has been reviewed, clarified, and included in the updated ER sheet.				
Documentation provided by project participant				
Invoices and JMRs covering monitoring period				

Revised Monitoring Report	
Revised ER sheet	
DOE assessment	Date: 21-November-2024
1. PP has now included the complete Generation value as per the Invoice is missing for few sites which were found missing in the ER sheet. Also, PP have submitted the Invoices for the complete monitoring period of the Project. found acceptable to VVB team. 2. PP have provided the complete invoices and JMR for the current monitoring value in ER sheet and found consistent with the data provided in ER sheet. Found acceptable to VVB team. 3. Below inconsistencies has been observed now revised in ER sheet. a) The monitoring period has been now corrected and data provided till 31-March-2024, aligning with the defined MP, instead of till 01-April-2024 for few sites. b) The Invoice data now has been revised in the “Mytrah Advait & Aksha (KR)” and reviewed; updated ER sheet now found accurate. Thus, CAR 05 is now closed.	

CAR ID	06	Section no.	4.4	Date: 16-November-2024
Description of CAR				
1. Section 4.2 of the MR is not in line with the VCS Template version 4.4. 2. Section 5.4 equation for emission reduction calculation is found not inline with the applied methodology in project activity. Thus, CAR#06 is raised.				
Project participant response				Date: 21-November-2024
• Section 4.2 of the Monitoring Report has been revised to comply with the VCS Template Version 4.4 guidelines. • The equation for emission reduction calculation in Section 5.4 has been updated to align with the applied methodology for the project activity.				
Documentation provided by project participant				
Revised Monitoring Report				
DOE assessment				Date: 21-November-2024
1. Section 4.2 of the revised Monitoring Report (MR) has been updated by the Project Participant in accordance with the VCS Template version 4.4 guidelines. 2. Section 5.4 of the emission reduction calculation sheet has been revised by the PP to ensure alignment with the applied methodology for the project activity. Based on these updates, CAR 06 is considered closed.				

APPENDIX 4: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS

The Sectoral Scopes / Technical Areas required knowledge linked to the applied methodology(ies) is covered by the Assessment Team as shown below:

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of VVB or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Lead Auditor (LA), Technical Expert (TE)	OE	Takarkhede	Dr. Atul	True Quality Certifications Private Limited (Outsourced entity)	Yes	Yes	Yes	Yes
2.	Auditor-in-trainee (AiT), Technical Expert in Training (TEiT)	OE	Prajapati	Mr. Deepak	LGAI Technological Center S.A. (Applus+ Certification)	Yes	Yes	Yes	Yes
3	Mr. Reetesh Kumar Jain (Observer)	OE	Jain	Mr. Reetesh	LGAI Technological Center S.A. (Applus+ Certification)	Yes	No	No	No

Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical Reviewer (TR), Technical Expert (TE)	IR	Xue	Denny	LGAI Technological Center S.A. (Applus+ Certification)
3.	Approver	IR	Calle de Miguel	Agustin	LGAI Technological Center S.A. (Applus+ Certification)

Short CVs of the Team:

Mr. Amit Rai	Dr. Atul Takarkhede is Ph.D. (Environmental Sciences) from Institute of Science, RTM Nagpur University, Nagpur, and he has already published different technical papers related to environmental sciences. He counts with more than 18 years of experience in field of Environmental Auditing, consulting and accreditation. He is an expert in ISO 9001-14001, CO2/GHG Reporting, Carbon Foot Print, Energy, Water and Waste Management reporting for organizations' environmental performance. His professional portfolio is mainly related with carrying out EIA, conducting QA/QC of EIA Reports; conducting environmental/water audits; NABET requirements appliance, functional area expert in Water Pollution & Solid & Hazardous Waste management among others. Furthermore, he counts with solid experience on CDM-VCS-GS consultancy and auditing. He has extensive experience of about 10 years with DOEs, including UNFCCC CDM and other carbon related schemes (e.g. VCS, GS or GCC) in renewable energy, cement industries, biomass projects and waste handling & management projects. Currently he is associated with True Quality Certifications Private Limited (Applus+ Certification's Outsourced Entity) and empanelled with Applus+ Certification to carry out GHG audits in the aforementioned schemes. Dr. Atul Takarkhede is based in Nagpur, India Dr. Atul Takarkhede participates as Lead Auditor and Technical Expert for the assessment.
Ms. Shruti Shrivastava	Mr. Deepak Prajapati holds a Bachelor's degree in Chemical Engineering from Government Engineering College, Ujjain, and Master's degree in Environmental Management from Rajiv Gandhi Proudthogiki Vishwavidyalaya. His research during his master's program centered on mitigating carbon dioxide emissions from the cement industry, demonstrating his commitment to addressing climate change challenges through innovative solutions. He is based in Indore, India. With approximately 2 years of professional experience in the the field of carbon emissions reduction and sustainable development, He is associated with True Quality Certification Pvt. Ltd. which is an outsourced entity of Applus+ certification. Mr. Deepak is participating as an Auditor in training (AiT) and Technical expert in Training (TEiT) in this project.

Mr. Reetesh Kumar Jain	Mr. Reetesh Kumar Jain holds an MBA in Marketing and Finance from the International School of Business and Media, Pune, India, and a B. Com from RDVV University, Jabalpur. He is also pursuing a Diploma in Electrical Engineering. He is a certified Lead Auditor for ISO 9001 QMS through IRCA, and a qualified auditor for ISO 14001 through Asian Productivity. Additionally, he is a Lead Auditor for ISO 14064-1, ISO 14064-2, and ISO 14064-3, and has completed training for ISO 14065 and ISO 17029. He is also a certified warehouse auditor specializing in warehouse management. With over 17 years of experience in renewable energy including wind, biomass, and solar. Mr. Reetesh Jain is based in Indore, Madhya Pradesh, India Mr. Jain currently serves as the Managing Director of True Quality Certifications Pvt. Ltd. (An outsource entity for LGAI Technological Center, S.A. (Spain) "Applus+ Certification")
Mr. Denny Xue	Mr. Denny Xue (Master's Degree in Environmental Engineering, Bachelor's Degree in Thermal Engineering) is an Auditor appointed by Applus+ LGAI for the GHG project assessment, auditing and technical review. He has more than 6 years of work experience in CDM/GS4GG/VCS project assessment and technical review with Applus+. Before he joined Applus+ LGAI, he has been working for Shanghai Chuanji Investment and Management which is a CDM consultancy company as a project manager for CDM project development. Mr. Denny Xue is based in Shanghai, China. Mr. Denny Xue participates in the project's technical review team.

APPENDIX 5: ABBREVIATIONS

Abbreviations	Full texts
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction(s)
CEA	Clean Energy Asia LLC
CL	Clarification request
CM	Combined Margin
CMS	Central Monitoring system
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
DNA	Designated National Authority
DOE	Designated Operational Entity
DR	Document Review
EF	Emission Factor

EIA	Environmental Impact Assessment
ER	Emission Reductions
FAR	Forward Action Request
GHG	Greenhouse gas(es)
GWP	Global Warming potential
NPTG	National Power Transmission Grid
PD	Project Description
JMR	Joint Meter Reading
JPD-MR	Joint Project Description and Monitoring Report
PP	Project Proponent
QA/QC	Quality Assurance and Quality Control
SDGs	Sustainable Development Goals
UNFCCC	United Nations Framework Convention on Climate Change
VCS	Voluntary Carbon Standard
VCSA	Voluntary Carbon Standard Association
VCS PD	VCS Project Description
VCUs	Voluntary Carbon Units
VVB	Validation Verification Body

APPENDIX 6: BREAKDOWN RECORDS

Major Breakdown Details: from 01-July-2023 to 31-March-2024.

Date	Inverter No.	Total Down Time	Reason of Down
For Mytrah Akshay Energy Private limited (Raibagh)			
22-February-2024	MCR-INV-9	2:17	PU communication
23-February-2024	MCR-INV-9	11:33	Waiting for IGBT's
24-February-2024	MCR-INV-9	11:38	Waiting for IGBT's
25-February-2024	MCR-INV-9	11:38	Waiting for IGBT's
26-February-2024	MCR-INV-9	11:35	Waiting for IGBT's
27-February-2024	MCR-INV-9	7:32	Waiting for IGBT's
For Mytrah Advait Power Private Limited (Hunagund)			

04-July-2023	Outgoing	6:05	OC/EF Due to moisture issue
10-July-2023	Outgoing	6:01	OC/EF Due to moisture issue
19-July-2023	ICR_1	6:48	OC/EF Due to moisture issue in ICOG Panel
24-July-2023	ICR_1	12:00	OC/EF Due to moisture issue
25-July-2023	ICR_1	11:50	OC/EF Due to moisture issue
26-July-2023	ICR_1	7:00	OC/EF Due to moisture issue
25-November-2023	ICR2_INV2	5:53	ISU-2 section one IGBT Failure
24-January-2024	MCR_INV1	6:00	dc contactor PCB failure
Mytrah Advait Energy Private Limited (Sindagi) (Bijapur)			
21-July-2023	ICR2 INV-01	1:30	Insulation got damaged
16-August-2023	ICR2 INV-03	1:44	In ISU-2 1Nos IGBT Fuse got failure
27-October-2023	ICR1 INV-01	5:30	Cable got failure
Mytrah Aadhya Power Private Limited- Balran			
21-July-2023	icr-05	11:27	LVRT Faulty
22-July-2023	icr-10	11:30	LVRT Faulty
31-July-2023	icr-09	12:05	Midpoint fault
01-August-2023	icr-06	12:50	contactor fault
01-August-2023	icr-9A	12:50	IGBT Failure
02-August-2023	icr-9A	12:30	IGBT Failure
03-August-2023	icr-9A	12:25	IGBT Failure
04-August-2023	icr-9A	11:33	IGBT Failure
05-August-2023	icr-9A	12:34	IGBT Failure
05-August-2023	icr-05	12:34	dc breaker relay short
06-August-2023	icr-9A	11:57	IGBT Failure
07-August-2023	icr-9A	12:33	IGBT Failure
08-August-2023	icr-9A	12:30	IGBT Failure
09-August-2023	icr-9A	12:35	IGBT Failure
10-August-2023	icr-9A	12:05	IGBT Failure
11-August-2023	icr-9A	12:15	IGBT Failure
12-August-2023	icr-9A	12:08	IGBT Failure
13-August-2023	icr-9A	12:10	IGBT Failure

14-August-2023	icr-9A	12:15	IGBT Failure
15-August-2023	icr-9A	12:06	IGBT Failure
16-August-2023	icr-9A	12:15	IGBT Failure
17-August-2023	icr-9A	12:21	IGBT Failure
18-August-2023	icr-9A	12:19	IGBT Failure
19-August-2023	icr-9A	12:15	IGBT Failure
06-September-2023	icr-1A	12:04	contactor fault
16-October-2023	icr-01	6:05	hardware issue
16-October-2023	icr-01	10:32	inverter IGBT issue
17-October-2023	icr-1	6:50	DC Breaker failure
25-October-2023	icr-2	5:30	inverter overload
26-October-2023	icr-2	5:30	inverter overload
16-January-2023	icr-01A	8:46	IGBT Failure
17-February-2024	icr-03	5:35	IGBT Issue
18-February-2024	icr-03	5:29	IGBT Issue
19-February-2024	icr-03	10:22	IGBT Issue
15-March-2024	icr-03	9:30	Dc Breaker faulty
Mytrah Aadhya Power Private Limited- Bareta			
18-July-2023	ICR-5	7:56	contactor fault
02-September-2023	INV-8	11:24	Ground fault
02-October-2023	INV-7	10:47	DC breaker failure
06-October-2023	INV-4	8:20	DC breaker failure
13-October-2023	INV-1	6:19	DC breaker failure
29-October-2023	INV-5	10:31	DC breaker failure
06-February-2024	INV-4	7:10	IGBT & Contactor Fault
07-February-2024	INV-4	10:28	IGBT & Contactor Fault
08-February-2024	INV-4	7:24	IGBT & Contactor Fault
09-February-2024	INV-4	10:32	IGBT & Contactor Fault
22-February-2024	INV-4	10:17	DC breaker failure
24-February-2024	INV-4	10:01	DC breaker failure

28-March-2024	INV-4	7:45	reactor faulty
29-March-2024	INV-4	5:16	reactor faulty
30-March-2024	INV-4	4:38	reactor faulty
31-March-2024	INV-4	5:18	reactor faulty
Mytrah Aadhya Power Private Limited- Alampur			
21-September-2023	Inv-1	8:13	Negative 300 sqmm cable was faulty
22-September-2023	Inv-1	11:53	strings breakdown due to smb and string cable melting
22-January-2024	Inv-3	11:11	strings breakdown due to smb and string cable melting
22-January-2024	Inv-4	11:11	strings breakdown due to smb and string cable melting
23-January-2024	Inv-3	11:10	strings breakdown due to smb and string cable melting
23-January-2024	Inv-4	11:10	strings breakdown due to smb and string cable melting
24-January-2024	Inv-4	11:13	Floating voltage not getting properly
24-January-2024	Inv-3	9:29	Inverter-3 unit was faulty
17-February-2024	Inv-3	7:45	Inverter-3 unit was faulty
18-February-2024	Inv-3	7:40	Inverter-3 unit was faulty
19-February-2024	Inv-3	7:27	Inverter-3 unit was faulty
20-February-2024	Inv-3	5:55	Inverter-3 unit was faulty
22-February-2024	Inv-3	6:07	Inverter-3 unit was faulty
26-February-2024	Inv-3	6:10	Inverter-3 unit was faulty
27-February-2024	Inv-3	6:10	Inverter-3 unit was faulty
28-February-2024	Inv-3	6:10	Inverter-3 unit was faulty
02-March-2024	Inv-3	5:55	Inverter-3 unit was faulty
05-March-2024	Inv-3	6:40	Inverter-3 unit was faulty
Mytrah Aadhya Power Private Limited- Aravapally			
22-July-2023	Inv-3	4:30	Ground fault
29-July-2023	Inv-3	4:30	Ground fault
07-August-2023	Inv-1	4:40	Ground fault
12-August-2023	Inv-3	4:30	Ground fault

17-August-2023	Inv-1	5:00	Ground fault
20-August-2023	Inv-3	5:00	Ground fault
Mytrah Aadhya Power Private Limited- Gadwal			
01-July-2023	ICR3_INV4	12:16	Removing CPC stack
03-July-2023	ICR3_INV4	12:31	Removing CPC stack
04-July-2023	ICR3_INV4	12:32	Removing CPC stack
08-July-2023	ICR3_INV4	11:47	Removing CPC stack
09-July-2023	ICR3_INV4	12:07	Removing CPC stack
10-July-2023	ICR3_INV4	12:05	Removing CPC stack
11-July-2023	ICR3_INV4	12:07	Removing CPC stack
12-July-2023	ICR3_INV4	12:09	Removing CPC stack
13-July-2023	ICR3_INV4	12:17	Removing CPC stack
14-July-2023	ICR3_INV4	12:12	Removing CPC stack
18-July-2023	ICR3_INV4	10:48	Removing CPC stack
19-July-2023	ICR3_INV4	11:20	Removing CPC stack
21-July-2023	ICR3_INV4	11:47	Removing CPC stack
22-July-2023	ICR3_INV4	11:53	Removing CPC stack
23-July-2023	ICR3_INV4	11:44	Removing CPC stack
24-July-2023	ICR3_INV4	10:41	Removing CPC stack
25-July-2023	ICR3_INV4	11:05	Removing CPC stack
27-July-2023	ICR3_INV4	10:54	Removing CPC stack
28-July-2023	ICR3_INV4	11:55	Removing CPC stack
30-July-2023	ICR3_INV4	12:03	Removing CPC stack
31-July-2023	ICR3_INV4	11:56	Removing CPC stack
01-August-2023	ICR3_INV4	12:14	Removing CPC stack
02-August-2023	ICR3_INV4	12:11	Removing CPC stack
04-August-2023	ICR3_INV4	11:56	Removing CPC stack
05-August-2023	ICR3_INV4	12:03	Removing CPC stack
09-August-2023	ICR3_INV4	12:07	Removing CPC stack
11-August-2023	ICR3_INV4	12:03	Removing CPC stack
12-August-2023	ICR3_INV4	11:20	Removing CPC stack

13-August-2023	ICR3_INV4	12:05	Removing CPC stack
14-August-2023	ICR3_INV4	11:54	Removing CPC stack
15-August-2023	ICR3_INV4	11:32	Removing CPC stack
20-August-2023	ICR3_INV4	11:44	Removing CPC stack
23-August-2023	ICR3_INV4	12:09	Removing CPC stack
24-August-2023	ICR3_INV4	12:00	Removing CPC stack
25-August-2023	ICR3_INV4	11:47	Removing CPC stack
26-August-2023	ICR3_INV4	11:47	Removing CPC stack
29-August-2023	ICR3_INV4	11:47	Removing CPC stack
31-August-2023	ICR3_INV4	11:56	Removing CPC stack
01-September-2023	ICR3_INV4	11:53	Removing CPC stack
03-September-2023	ICR3_INV4	9:50	Removing CPC stack
04-September-2023	ICR3_INV4	10:56	Removing CPC stack
05-September-2023	ICR3_INV4	11:00	Removing CPC stack
Mytrah Aadhya Power Private Limited- Thimmajipet			
07-July-2023	ICR-2_INV7	12:10	Junction box damaged for multiple modules.
08-July-2023	ICR-2_INV7	11:40	Junction box damaged for multiple modules.
18-July-2023	ICR-2_INV7	11:00	Junction box damaged for multiple modules.
19-July-2023	ICR-2_INV7	10:30	Junction box damaged for multiple modules.
20-July-2023	ICR-2_INV7	10:30	Junction box damaged for multiple modules.
21-July-2023	ICR-2_INV7	11:00	Junction box damaged for multiple modules.
30-November-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
01-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
01-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
02-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
02-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple

03-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
03-December-2023	ICR-2_INV 7	10:30	20 module Junction box damaged for multiple
04-December-2023	ICR-2_INV 7	10:20	20 module Junction box damaged for multiple
28-February-2024	ICR-2_INV 7	11:00	20 module Junction box damaged for multiple
29-February-2024	ICR-2_INV 7	11:00	20 module Junction box damaged for multiple
29-February-2024	ICR-2_INV 7	11:00	20 module Junction box damaged for multiple
29-February-2024	ICR-1_INV 2	11:00	Inverter IGBT Melted
01-March-2024	ICR-2_INV 7	11:05	20 module Junction box damaged for multiple
01-March-2024	ICR-2_INV 7	11:05	20 module Junction box damaged for multiple
01-March-2024	ICR-1_INV 2	11:05	Inverter IGBT Melted
02-March-2024	ICR-2_INV 7	11:05	20 module Junction box damaged for multiple
02-March-2024	ICR-2_INV 7	11:05	20 module Junction box damaged for multiple

APPENDIX 7: CALIBRATION DETAILS

Monitoring Period: 01-July-2023 to 31-March-2024 (inclusive both days)

Name of SPVs	Site	State	Capacity (MW)	Main Meter Serial No.	Check Meter Serial No.	Stand by Meter Serial No.	Date of Calibration	Due date of the calibration
Mytrah Advait Power Private Limited	Hunagund	Karnataka	15	17151028	17151010	17151008	13-July-2018	12-July-2023
							11-July-2023	10-July-2028
Mytrah Advait Power Private Limited	Sindagi	Karnataka	15	17151045	17151050	17151060	03-December-2018	02-December-2023
							01-December-2023	30-November-2028
Mytrah Akshaya Energy Private Limited	Raibagh	Karnataka	15	17115537 (old meter)	17115532 (old meter)	-	05-May-2023	04-May-2028
				23002948 (new meter installed on 05-May-2023)	23002972 (new meter installed on 05-May-2023)			
Mytrah Aadhya Power Private Limited	Bareta	Punjab	25	PBB48780	PBB48781	-	12-April-2023	11-April-2028
Mytrah Aadhya Power Private Limited	Bairan	Punjab	25	PBB48803	PBB48802	-	01-June-2021	31-May-2026
Mytrah Abhinav Power Private Limited	Thimmapet	Telangana	8	APX01099	APX01100	APX01101	17-September-2020	16-September-2025
Mytrah Abhinav Power Private Limited	Arvapally	Telangana	8	HT01160859	HT01160860	HT01160861	11-March-2022	10-March-2027
							19-October-2024	18-October-2029
Mytrah Abhinav Power	Domakonda	Telangana	15	TS04282	TS04283	TS04284	19-February-2018	18-February-2023

Name of SPVs	Site	State	Capacity (MW)	Main Meter Serial No.	Check Meter Serial No.	Stand by Meter Serial No.	Date of Calibration	Due date of the calibration
Private Limited							17-August-2020	16-August-2025
Mytrah Abhinav Power Private Limited	Alampur	Telangana	11	HT01161107	HT01161108	HT01161109	26-June-2023	25-June-2028
Mytrah Abhinav Power Private Limited	Gadwal	Telangana	15	HT01161111	HT01161112	HT01161113	27-June-2023	26-June-2028
Mytrah Adarsh Power Private Limited	Tandur	Telangana	15	2838075	2838076	2838077	04-April-2018	03-April-2023
							31-October-2020	30-October-2025
Mytrah Adarsh Power Private Limited	Nagarkurnool	Telangana	15	2831529	2831530	2831531	09-March-2023	08-March-2028
Mytrah Adarsh Power Private Limited	Reddyipet	Telangana	15	TSS04286	TSS04288	TSS04274	10-August-2020	09-August-2025
Mytrah Adarsh Power Private Limited	Chegunta	Telangana	15	2838079 ¹²	2838080	2838081 ¹³	27-March-2023	28-March-2028
				2838084	2838080 ¹⁴	2831527		
Mytrah Adarsh Power Private Limited	Thunki Bollaram	Telangana	15	2838071	2838072	2838073	11-June-2021	10-June-2025
Mytrah Adarsh Power Private Limited	Tungathurthy	Telangana	15	HT01161100	HT01161101	HT01161102	22-December-2020	21-December-2025

¹² Meter replaced on 27-March-2023 with new meter. No impact on current verification (01-July-2023 to 31-march-2024)

¹³ Meter replaced on 27-March-2023 with new meter. No impact on current verification (01-July-2023 to 31-march-2024)

¹⁴ No change in check meter.

Name of SPVs	Site	State	Capacity (MW)	Main Meter Serial No.	Check Meter Serial No.	Stand by Meter Serial No.	Date of Calibration	Due date of the calibration
Mytrah Adarsh Power Private Limited	Guntipally	Telangana	15	02832434	02832435	02832436	08-September-2021	07-September-2026
Mytrah Adarsh Power Private Limited	Shamirpet	Telangana	15	APX01630	APX01635	APX01640	14-February-2022	13-February-2027
Mytrah Agrya Power Private Limited	Kamareddy	Telangana	50	APZ00439	APZ00440	APZ00441	03-November-2020	02-November-2025
Mytrah Akaash Power Private Limited	K.M. Pally	Telangana	50	17250998	17250999	17251000	25-September-2020	24-September-2025