



VERIFICATION REPORT

WIND POWER PROJECT IN TAMIL NADU BY GREEN INFRA RENEWABLE ENERGY LIMITED



South Asia

Document Prepared By

TÜV SÜD South Asia Pvt Ltd

Project Title	Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited
Version	3.0
Report ID	1010011SK

Report Title	VCS Verification of "Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited"
Client	Green Infra Renewable Energy Limited
Pages	29

Date of Issue	20/07/2022
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Summary:

TÜV SÜD South Asia Pvt. Ltd. has performed the third verification of the VCS project activity. The verification is based on the currently valid documentation of the VCS and United Nations Framework Convention on Climate Change (UNFCCC).

The Verification has been conducted for the monitoring period 01/02/2021 to 31/01/2022.

The verification process includes three phases:

- Desk review of documents.
- Off-site audit and follow-up interviews with the relevant personnel.
- Resolution of outstanding issues and the issuance of final verification report and opinion.

The main purpose of this project activity is to generate clean form of electricity through renewable wind energy source. The project involves the implementation of 249.9 MW wind power project in Tamil Nadu state of India by Green Infra Renewable Energy Limited. (GIREL).

Project was fully commissioned on 08/10/2018.

The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 707,515 tCO₂e per year, thereon displacing 755,550 MWh/year 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. In the course of verification, 1 Clarification Requests (CLs) and 2 Corrective Action Request (CAR) have been raised during the course of verification process and has been successfully closed. No Forward Action Request (FAR) was raised during this monitoring period.

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1 INTRODUCTION

1.1 Objective

TÜV SÜD has been commissioned by the client to perform an independent verification assessment.

The objective of the verification work is to comply with the requirements of Verified Carbon Standards requirements. According to this assessment TÜV SÜD shall:

- ✓ Ensure that the project activity has been implemented and operated as per the registered PD, and that all physical features (technology, project equipment, monitoring and metering equipment) of the project are in place,
- ✓ Ensure that the published MR and other supporting documents provided are complete, verifiable and in accordance with applicable VCS and CDM VVS requirements,
- ✓ Ensure that the actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved methodology,
- ✓ Evaluate the data recorded and stored as per the applicable requirements.
- ✓ Assessment of the sustainability monitoring parameters as per the VCS requirements.

1.2 Scope and Criteria

The scope of any assessment is defined by the underlying legislation, regulation and guidance given by relevant entities or authorities. In the case of VCS project activities, the scope is set by:

- ✓ VCS v4.2 requirements.
- ✓ Baselines and monitoring methodologies (including GHG inventories).
- ✓ Environmental issues relevant to the applicable sectoral scope.
- ✓ Current technical and operational knowledge of the specific sectoral scope and information on best practice.
- ✓ Stakeholder consultation and feedback

The verification process is not meant to provide any form of consulting for the project participant (PP). However, stated requests for clarifications, corrective actions, and/or forward actions may provide input for improvement of the project design.

1.3 Level of Assurance

The errors identified in the project are below the threshold limit of materiality and hence not material. The GHG emission reductions are calculated without material misstatements.

The VVB confirms that a reasonable level of assurance has been achieved during the verification process.

1.4 Summary Description of the Project

The project involves the installation of wind Power Project. The total capacity of the project is 249.9 MW, which involves operation of wind power projects in the state of Tamil Nadu of India. The details of the project locations are mentioned in the table below:

Name of Investor	Capacity	COD Connection	Connection with grid	State	Usage
Green Infra Renewable Energy Limited	249.9 MW	08/10/2018	Indian grid	Indian Grid	Sale to State DISCOM

Geo-coordinates of all the WTGs involved in the project activity are included in Appendix-II.

The project activity has been registered with the CDM, however carbon credits have never been claimed and project proponent has provided undertaking that it will not claim any GHG credits in any GHG program other than that under VERRA during the current monitoring period.

The project is utilizing wind energy for generating clean electricity and selling it to grid which would have otherwise been generated through fossil fuel dominated power plants, contributing to reduction in specific emissions (emissions of pollutant) including GHG emissions and also reducing its dependence on fossil fuels for energy requirements.

The commissioning date of each phase is verified through the commissioning certificate. The verification team has also verified the latest photographs of all the equipment's (solar modules, inverters and transformers, energy meters) installed at site and SCADA monitoring system submitted by the project proponent. Based on the assessment of the documents, the assessment team is able to confirm that the project activity is fully functional and implemented as described in the registered VCS PD & MR.

The commissioning date of WTGs verified through the respective commissioning certificate. The verification team has also verified the latest photographs of all the equipment's (WTGs, transformers and energy meters) installed at site and SCADA monitoring system submitted by the project proponent.

Location of the project was verified through Google Map (<https://www.google.co.in/maps>). The emission reductions from the project activity during the period 01/02/2021 to 31/01/2022 (including both days) amount to 667,108 tons of CO₂e.

The assessment team has checked the verification records and interviewed the PPs representatives (telephonically) to verify the project details. Based on the assessment of the documents and remote interviews with PPs representatives, the assessment team is able to confirm that the project activity is fully functional and implemented.

2 VERIFICATION PROCESS

The registered VCS Project is undergoing third verification under VCS, the approach adopted to ensure the quality of emission reduction is described in the following sections:

2.1 Method and Criteria

The information provided by the project participants is assessed by applying the means of verification specified in the VCS v4.2, Toolkit and the VVS.

A competent assessment team is selected prior to the start of the verification. The team is selected to cover the technical area(s), sectoral scope(s) and relevant host country experience

for evaluating the VCS project activity. Additionally, a competent Technical Reviewer or Technical Reviewer Team is appointed to conduct checks on quality and completeness.

The verification team performs first a desk review, followed by an remote-site visit, which results in the formation of a draft report and a list of findings. The next step involves the evaluation of the findings through direct communication with the PPs and then finally the preparation of the verification report. This verification report and other supporting documents then undergo an internal quality control by the CB “Environment and energy” before submission to the VCS.

2.2 Document Review

The documents referred during this verification are provided in Appendix 1.

2.3 Interviews

The VVB has not conducted the on-site inspection for this current monitoring period due to obligations imposed by COVID 19. However, the VVB has ensured that reasonable level of assurance has been achieved as per Verra regulations on the relaxation of mandatory site visits by the VVB due to COVID 19. The VVB has conducted telephonic interviews and video calls to discuss with the client regarding the data and documents pertaining to the current verification period. The interviews and discussions were conducted successfully.

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Tyagi	Mayank	Green Infra Renewable Energy Limited	08/03/2022	Plant technology and monitoring	Shailendra Kewat
2.	Kumar S	Selva	Green Infra Renewable Energy Limited	08/03/2022	Plant technology and monitoring	Shailendra Kewat
3.	Vyas	Anshul	Green Infra Renewable Energy Limited	08/03/2022	Plant technology and monitoring	Shailendra Kewat

2.4 Site Inspections

Please see 2.3

2.5 Resolution of Findings

The objective of this step is to identify, discuss and conclude on the issues related to the monitoring, implementation and operations of the registered project activity that could impair the capacity of the registered project activity to achieve emission reductions or influence the monitoring and reporting of emission reductions. This is done based on the desk review and interaction with site personnel over phone. The verification team prepares and/or updates a verification protocol (internal document) that records the conformities and non-conformities, which may be of following types;

CAR (Corrective Action Request) is raised if one of the following occurs:

Non-compliance with the monitoring plan, the methodology or the standardized baseline are found in monitoring and reporting and has not been sufficiently documented by the project participants, or if the evidence provided to prove conformity is insufficient;

Modifications to the implementation, operation and monitoring of the registered project activity has not been sufficiently documented by the project participants;

Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impact the quantity of emission reductions;

Issues identified in a FAR during validation to be verified during verification or previous verification(s) have not been resolved by the project participants. Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable CDM requirements have been met. All CARs and CLs raised by the TUV SUD during verification shall be resolved prior to submitting a request for issuance.

FAR (Forward Action Request) is raised during verification if the monitoring and reporting require attention and/or adjustment for the next verification period. All the findings that are raised and communicated to project participant during the verification are included under Appendix 3. The section also includes the response, if provided, by the project participants and an assessment by the verification team if it was closed out or otherwise.

2.5.1 Forward Action Requests

The project activity is undergoing third verification; there were no FARs raised during the validation or previous verification.

2.6 Eligibility for Validation Activities

Not applicable

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project activity is registered under VCS with reference number 1904. Project is registered with the CDM, however carbon credits have never been claimed and project proponent has provided undertaking that it will not claim any GHG credits in any GHG program other than that under VERRA during the current monitoring period.

3.2 Methodology Deviations

There is no methodology deviation identified during the current monitoring period

3.3 Project Description Deviations

No project description deviation identified during the current monitoring period.

3.4 Grouped Project

Not applicable. The project activity is not a grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

The project involves the installation of wind Power Project. The total capacity of the project is 249.9 MW, which involves operation of wind power projects in the state of Tamil Nadu of India. The details of the project locations are mentioned in the table below:

Name of Investor	Project Capacity	Location			
		State	District	Tehsil/ Taluka	Village
Green Infra Renewable Energy Limited	249.9 MW	Tamil Nadu	Tuticorin	Tuticorin	Mela Thattaparai

The project is utilizing wind energy for generating clean electricity for supplying to grid which would have otherwise been generated through fossil fuel dominated power plants, contributing to reduction in specific emissions (emissions of pollutant) including GHG emissions and also reducing its dependence on fossil fuels for energy requirements.

The audit team has checked the commissioning certificate to confirm the location and the implementation of the project and found 249.9 MW was commissioned on 08/10/2018.

This Wind power project will reduce the GHG emissions generated by the current generation energy mix in India's Power Grid, which is dominated by fossil fuel-based grid connected power plants. The power generated through the project activity being supplied to Indian grid through a contractual arrangement (PPA). The technical specification of the project activity equipment's has been checked through the photographs of all the equipment's installed at site and are found to be consistent with the mentioned under section 3.1 of MR. The current status of the project activity is verified through the screen shots of SCADA system, indicating the real-time generation data and hence it is confirmed that the project is fully functioning.

Monitoring parameters:

Means of verification	Referring to VCS v4.2, the below tables provide a summary on the verification of each monitoring parameter listed in the registered monitoring plan.	
	Data / Parameter:	EG_{PJ, y}
	Data unit:	MWh
	Description:	Electricity supplied to Grid
	Source of data used:	Deviation Settlement Account statement issued by SRPC
	Means of verification/Comments:	Electricity exported by the project to the grid at project site switch yard is the actual generation recorded and monitored by the metering system installed at the project site switch yard. The metering system comprises of special energy meters (SEMs) installed at the power station, for each generating units. These are connected via transmission lines of 220 kV, having its own SEM meter (main meter and check meter). In case, anyone transmission

	<table border="1" data-bbox="430 191 1373 480"> <tr> <td data-bbox="430 191 704 438"></td><td data-bbox="704 191 1373 438"> line in not in service than complete load will be shifted to other transmission line which is in operation. Verification team has checked the SRP account statement for monthly generation values of each WTG to check net generation and same has been cross verified with sales invoices raised by PP. </td></tr> <tr> <td data-bbox="430 438 704 480">Cross-check</td><td data-bbox="704 438 1373 480">Electricity Sales invoices submitted</td></tr> </table> Compliance with the calibration frequency requirements for measuring instruments As per the registered monitoring plan, the meters are to be calibrated in every five years and same has been considered for this MP and confirmed by cross-checking the calibration records. The details of the calibration of meters are given in the table below.		line in not in service than complete load will be shifted to other transmission line which is in operation. Verification team has checked the SRP account statement for monthly generation values of each WTG to check net generation and same has been cross verified with sales invoices raised by PP.	Cross-check	Electricity Sales invoices submitted
	line in not in service than complete load will be shifted to other transmission line which is in operation. Verification team has checked the SRP account statement for monthly generation values of each WTG to check net generation and same has been cross verified with sales invoices raised by PP.				
Cross-check	Electricity Sales invoices submitted				
Conclusion	The monitoring has been carried out in accordance with the monitoring plan contained in the registered VCS PD. All parameters were monitored and determined as per the registered monitoring plan. Referring to VCS standard, v4.2 VVB confirms through video call and telephonic interviews and from the document review, the actual monitoring system complies with the registered monitoring plan. The substantiation of this conformity on information flow for these parameters including the values in the monitoring reports is reported in the above section. During the verification, all relevant monitoring parameters of the registered monitoring plan have been verified with regard to the appropriateness of the verification method, the correctness of the values applied for ER calculation, the accuracy and applied QA/QC measures. After appropriate corrections, carried out by the project participant, it is confirmed that all monitoring parameters have been measured / determined without material misstatements and are in line with all applicable standards and relevant requirements. All parameters required to be monitored are recorded at the intervals required by the registered monitoring plan and the applied methodology. On the basis of review of source and nature of available evidences and records, the verification team confirms the quality of evidence for emission reduction provided is sufficient as per VCS v4.2				

Calibration of the meters

Energy billing meter installed at the 220/33KV Substation, Chandragin, Tamil Nadu and all WTGs are connected to the mentioned substation.

Meter Sl. No.	Make	Class	Calibration date	Due date for Calibration
NP3285A (Main Meter)	Secure	0.2 s	25/09/2018	24/09/2023
NP3286A (Check Meter)	Secure	0.2 s	25/09/2018	24/09/2023

The assessment team has verified the final VCS MR and confirmed that the procedure for data uncertainty, emergency preparedness, roles and responsibility, operational and management structure are mentioned in the MR. The monitoring plan completely describes all measures to be implemented for monitoring all parameters required. The monitoring plan described the positioning of the equipment. Calibration frequency for Energy meters is once in 5 years. Also, CEA Notification/15/ No. 502/70/CEA/DP&D dated 17/03/2006 which is considered as national standard mentions that “All interface meters shall be tested at least once in five years.” Hence calibration frequency once in 5 years considered for the project activity is found to be appropriate.

The information relating to the project implementation, provided in the Monitoring Report is consistent & correct .Total emission reductions achieved under this monitoring period 01/02/2021 to 31/01/2022 (including both days) is 667,108 tCO₂e.

Emissions trading programs and other binding limits

Assessment team confirms that the Net GHG emission reductions or removals generated by the project will not be used for compliance with an emissions trading program or to meet binding limits on GHG emissions in any Emission Trading program or other binding limits. Audit team checked the REC Mechanism database of India and found that the project activity is not accredited / registered under REC mechanism. Further, Declaration in effect of the same has been submitted by project proponent to audit team and found to be correct.

The project has been registered with the CDM, however PP has not claimed carbon credits from it, same has been verified through the project page on the CDM website. Also, the Project is not rejected by other GHG programs. A declaration for the same is checked and found correct by the assessment team. Also, assessment team checked the following registries to confirm the same. The details of the registries checked are as follows:

1. <https://www.recregistryindia.nic.in/>

2. <http://cdm.unfccc.int/>
3. <http://www.goldstandard.org/>
4. www.v-c-s.org

The Project has no intend to generate any other form of GHG-related environmental credit for GHG emission reductions or removals claimed under the VCS Program.

Thus, it is concluded that the project activity not involved on other Emissions trading programs and other binding limits.

Additional Information Relevant to the Project

Eligibility Criteria for grouped projects

This is not a grouped project activity. Thus, this section is not applicable for this project.

Leakage Management for AFOLU projects

Not applicable to the project activity.

Commercially Sensitive Information

No commercially sensitive information has been excluded from the public version of the project description. The details are presented transparently to the assessment team for analysis which leads to positive conclusion for this verification.

Sustainable Development

Contribution to sustainable development: Ministry of Environment and Forests, has stipulated economic, social, environment and technological well-being as the four indicators of sustainable development. Assessment team found that the project contributes to sustainable development using the following ways.

Social well-being: The project would help in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region like development of roads and may promote business with improved power generation.

Economic well-being: The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity will also help to reduce the demand supply gap in the state.

Technological well-being: The successful operation of project activity would lead to promotion of solar based power generation and would encourage other entrepreneurs to participate in similar projects.

Environmental well-being: Solar being a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the Project activity also helps in avoiding significant amount of GHG emissions and specific pollutants like SO_x, NO_x, and SPM associated with the conventional thermal power generation facilities. Project undergone continuous operation and only scheduled maintenance as per the manufacturer specification is considered. No unforeseen incident observed for the present monitoring period.

Assessment team concludes the following:

- a) There are no material discrepancies between project implementation and the project description provided in the registered PD.
- b) The monitoring plan is implemented completely and monitoring system (i.e., process and schedule for obtaining, recording, compiling and analysing the monitored data and parameters) is appropriate.
- c) There are no material discrepancies between the actual monitoring system, and the monitoring plan set out in the project description and the applied methodology.
- d) The GHG emission reductions or removals generated by the project have not included in an emissions trading program or any other mechanism that includes GHG allowance trading.
- e) The project has not received or sought any other form of environmental credit, or has become eligible to do so since validation or previous verification.

f) The project is registered under VCS and CDM but credits have been claimed in VCS only.

g) The project activity is complying with indicators for sustainable development in the interim approval guidelines for Clean Development Mechanism (CDM) projects from India as discussed under section 1.11 of MR.

In view of the information's as verified above the assessment team is able to conclude that the project has been implemented as described in the project description

4.2 Safeguards

4.2.1 No Net Harm

The project do not have any negative environmental impacts.

4.2.2 Local Stakeholder Consultation

Local stakeholder consultation has been conducted at the time of project registration. As confirmed by PP during interviews, for on-going stakeholders communication, PP has maintained feedback/complaint register at the site office. Local stakeholders can anytime lodge their grievances if any in the register over the operational lifetime of the project.

During current monitoring period no grievance was received. Thus, assessment team is of the opinion that the ongoing stakeholder mechanism is adequate and appropriate.

4.3 AFOLU-Specific Safeguards

Not applicable.

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	The assessment of data and the calculation of baseline emission reduction in the MR and the ER excel sheet have been verified as per the following set of supporting documents:
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	1. Export Import data 2. Joint meter readings (SRPC) 3. VER spreadsheets 4. Sales Invoices (as per PPA)
Conclusion	Calculations applied formulae and method for calculation of baseline emission are in accordance with the registered monitoring plan and are in line with the requirements of the applied methodology.

Calculation of project GHG emissions or actual net anthropogenic GHG removals by sinks

Means of verification	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the project activity. The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the registered monitoring plan
Conclusion	Project emissions are zero as per the requirement of the methodology and registered VCS PD.

Calculation of leakage GHG emissions

Means of verification	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the project activity. The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the registered monitoring plan
Conclusion	Leakage emissions are not applicable according to the applied methodology and registered VCS PD

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

Means of verification	No lack of evidence and missing data were detected during this monitoring period. All values as per the monitoring plan were crosschecked by the verification team against basic monitored data and the calculations were found to be correct. The verification team confirms that all assumptions, emission factors and default values have been correctly justified. All the emission factors, application of maximum permissible errors and default values are explicitly mentioned in the monitoring report. Hence the VVB confirms that the methods and formulae used to obtain the emissions are appropriate. No reporting risks have been identified for the data reported. Troubleshooting procedure, maintenance, and calibration of monitoring equipment, monitoring measurements and reporting, record handling and maintenance, reviewing monitored data are available at the plant. All the monitored data are archived partially in electronic and paper form. The data
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	will be kept for the whole crediting period and 2 years after the last crediting period thereby meeting the requirement of the monitoring plan.
Conclusion	The formulae and the methods referred in the MR and the emission reduction calculation spread sheet comply with the methods described in the registered PDD. No lack of evidence and missing data were detected during this monitoring period. All values as per the monitoring plan were crosschecked by the verification team against basic monitored data and the GHG emission calculation is found correct. TUV SUD confirms that all assumptions, emission factors and default values have been correctly justified. All the emission factors and default values are explicitly mentioned in the monitoring report. Calculations applied formulae and method for calculation of GHG emission are in accordance with the registered monitoring plan and are in line with the requirements of VCS, the applied methodology.

4.6 Non-Permanence Risk Analysis

Not applicable.

5 VERIFICATION CONCLUSION

The VVB confirms that

- The Development and maintenance of records and reporting procedures are in accordance with the registered monitoring plan.
- The Project is operated as planned and described in the project design document approved by the EB;
- The Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately.
- The Monitoring system is in place and generates GHG emission reductions data.
- The Monitoring plan in Monitoring Report is as per the PD and monitoring plan approved by the VCS.
- The Approved monitoring plan in the approved PD is as per the applied methodology.
- There is an audit trail that contains the evidence and records that validate the stated figures.

Based on the information we have seen and evaluated, we confirm that the project activity achieved the verified amount of reductions in anthropogenic emissions by sources of greenhouse gases that would not have occurred in the absence of the project activity

Verification period: From 01/02/2021 to 31/01/2022

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

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2021 (01/02/2021 to 31/12/2021)	624,900	0	0	624,900
2022 (01/01/2022 to 31/01/2022)	42,208	0	0	42,208
Total	667,108	0	0	667,108

APPENDIX 1: DOCUMENTS REVIEWED

No	Author	Title	References to the document
1	UNFCCC	CDM VVS for PA v2.0	
2	UNFCCC	ACM0002 – “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”, Version 18.1	-
3	Verra	VCS Standard v4.2	-
4	Infinite Solutions	VCS MR – Version 3.0	18/07/2022
5	Infinite Solutions	ER Calculation sheet Version 3.0	18/07/2022
6		Commissioning Certificates for WTGs	-
7		Calibration test certificates for main and check meters	
8		Monthly Joint meter reading report/SRPC REA	2021 & 2022
9	Green Infra Renewable Energy Limited	Monthly invoices	2021 & 2022
10		PPA	-
11	Google Earth	GPS coordinates	-
12	Infinite Solutions	Site photographs	2021 & 2022
13	Green Infra Renewable Energy Limited	Grievance Register	2021 & 2022

APPENDIX 2: GEO-CORDINATES

Sl. No.	Name of Investor	Turbine ID	Latitude N	Longitude E
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1	Green Infra Renewable Energy Limited	KME011	8° 58" 15.31"	77° 59" 24.10"
2		KME029	8° 59" 03.20"	77° 59" 46.18"
3		KUM102	8° 58" 03.63"	77° 58" 47.67"
4		KIIM104	8° 58" 43.08"	77° 59" 47.98"
5		KUM267	8° 58" 28.14"	77° 59" 01.82"
6		MAN106	8° 50" 11.63"	77° 59" 17.99"
7		MANI08	8° 50" 38.04"	77° 59" 05.65"
8		MMS076	8° 51" 00.39"	77° 59" 53.46"
9		MNS086	8° 49" 18.40"	77° 59" 42.85"
10		MNS090	8° 51" 36.58"	77° 59" 42.80"
11		MMS095	8° 51" 25.17"	77° 59" 11.02"
12		MMS097	8° 50" 12.85"	77° 58" 43.42"
13		MNS099	8° 49" 32.77"	77° 59" 01.99"
14		MMS100	8° 49" 03.33"	77° 59" 07.86"
15		MMS103	8° 47" 43.39"	77° 59" 52.87"
16		MMS105	8° 47" 38.79"	77° 59" 01.64"
17		MMS120	8° 47" 15.50"	77° 59" 57.60"
18		OTA031	8° 53" 03.28"	77° 58" 43.08"
19		OTA038	8° 53" 50.31"	77° 58" 08.26"
20		GTA067	8° 55" 51.51"	77° 58" 32.50"
21		OTA112	8° 57" 06.12"	77° 59" 00.90"
22		OTA114	8° 57" 42.21"	77° 58" 57.10"
23		OTA120	8° 54" 11.14"	77° 58" 58.19"
24		OTA121	8° 54" 12.12"	77° 59" 47.16"
25		OTA132	8° 56" 23.64"	77° 58" 28.22"
26		KME044	8° 56" 55.44"	78° 02" 08.45"
27		KUM128	8° 57" 05.92"	78° 01" 00.63"
28		KUM159	8° 57" 17.60"	78° 02" 06.15"
29		KUM162	8° 55" 56.68"	78° 03" 23.14"
30		KUM164	8° 56" 47.66"	78° 02" 52.31"
31		KUM165	8° 57" 12.98"	78° 02" 55.51"

32	KUM166	8° 57" 29.15"	78° 02" 47.79"
33	KUM211	8° 57" 42.11"	78° 03" 30.17"
34	KUM212	8° 56" 36.86"	78° 04" 43.40"
35	KUM214	8° 56" 51.57"	78° 03" 38.33"
36	KUM215	8° 56" 21.71"	78° 04" 02.61"
37	KUM216	8° 56" 46.77"	78° 04" 12.51"
38	KUM21S	8° 57" 38.28"	78° 04" 45.04"
39	KUM249	8° 58" 09.48"	78° 05" 48.41"
40	KUM250	8° 57" 31.54"	78° 05" 22.18"
41	MAN113	8° 48" 24.99"	78° 00" 17.31"
42	MNS041	8° 48" 24.29"	78° 02" 30.48"
43	MNS042	8° 48" 41.57"	78° 02" 03.46"
44	MNS052	8° 51" 42.92"	78° 01" 00.38"
45	MMS054	8° 50" 12.27"	78° 01" 18.11"
46	MMS056	8° 50" 38.03"	78° 01" 18.98"
47	MMS060	8° 48" 52.30"	78° 01" 34.80"
48	MMS061	8° 48" 05.85"	78° 03" 00.34"
49	MMS062	8° 48" 19.66"	78° 01" 57.07"
50	MMS065	8° 48" 30.51"	78° 00" 49.27"
51	MMS067	8° 49" 12.16"	78° 00" 44.20"
52	MMS070	8° 50" 16.07"	78° 00" 41.36"
53	MMS071	8° 50" 50.66"	78° 00" 40.00"
54	MMS073	8° 47" 49.58"	78° 03" 10.64"
55	MMS075	8° 51" 18.96"	78° 00" 08.16"
56	MMS082	8° 47" 30.43"	78° 00" 22.46"
57	MMS085	8° 47" 34.29"	78° 01" 11.01"
58	MMS106	8° 49" 42.79"	78° 00" 19.20"
59	MMS111	8° 47" 17.83"	78° 01" 01.72"
60	OTA020	8° 56" 29.86"	78° 02" 51.90"
61	OTA026	8° 55" 01.46"	78° 02" 22.36"
62	OTA027	8° 54" 58.93"	78° 03" 27.53"

63	OTA046	8° 54" 14.91"	78° 02" 32.54"
64	OTA050	8° 54" 32.46"	78° 02" 14.19"
65	OTA052	8° 55" 14.21"	78° 01" 57.60"
66	OTA053	8° 55" 47.24"	78° 02" 33.20"
67	OTA055	8° 56" 34.17"	78° 02" 17.36"
68	OTA064	8° 55" 09.64"	78° 02" 52.09"
69	OTA069	8° 53" 51.50"	78° 02" 00.65"
70	OTA075	8° 54" 55.49"	78° 00" 45.44"
71	OTA092	8° 54" 02.36"	78° 00" 23.15"
72	OTA093	8° 53" 36.66"	78° 00" 37.42"
73	OTA095	8° 51" 49.15"	78° 00" 13.41"
74	OTA099	8° 52" 20.10"	78° 00" 08.64"
75	OTA100	8° 53" 03.66"	78° 00" 10.09"
76	OTA106	8° 54" 52.06"	78° 00" 08.03"
77	OTE011	8° 50" 48.54"	78° 03" 02.78"
78	OTE019	8° 52" 06.30"	78° 02" 46.39"
79	OTE021	8° 51" 38.16"	78° 03" 09.61"
80	OTE037	8° 52" 49.71"	78° 03" 30.01"
81	OTE041	8° 53" 08.90"	78° 03" 34.65"
82	OTE047	8° 51" 16.05"	78° 04" 41.90"
83	OTE059	8° 51" 36.88"	78° 04" 47.09"
84	OTE061	8° 52" 37.51"	78° 04" 43.93"
85	OTE064	8° 53" 20.02"	78° 04" 16.09"
86	OTE075	8° 53" 58.22"	78° 04" 39.40"
87	OTE076	8° 53" 42.89"	78° 04" 57.93"
88	OTE077	8° 53" 02.86"	78° 05" 15.45"
89	OTE081	8° 52" 36.62"	78° 05" 41.10"
90	OTE082	8° 52" 04.65"	78° 05" 50.25"
91	OTE099	8° 55" 20.34"	78° 04" 52.06"
92	OTE101	8° 55" 58.58"	78° 06" 55.86"
93	OTE102	8° 53" 51.10"	78° 06" 31.79"

94	OTE103	8° 53" 25.35"	78° 06" 53.58"
95	OTE112	8° 53" 07.12"	78° 07" 33.62"
96	OTE113	8° 53" 25.30"	78° 07" 42.18"
97	OTE115	8° 54" 25.20"	78° 06" 55.30"
98	OTE118	8° 54" 49.74"	78° 06" 15.24"
99	OTE120	8° 55" 33.93"	78° 06" 22.32"
100	OTE121	8° 55" 52.05"	78° 06" 19.17"
101	OTE135	8° 57" 25.98"	78° 06" 40.50"
102	QTE136	8° 57" 11.87"	78° 06" 53.50"
103	OTE137	8° 56" 49.55"	78° 06" 52.20"
104	OTE138	8° 56" 01.68"	78° 07" 18.22"
105	OTE140	8° 55" 31.48"	78° 07" 28.73"
106	OTE141	8° 55" 10.22"	78° 07" 16.50"
107	OTE142	8° 55" 05.97"	78° 07" 56.01"
108	OTE151	8° 56" 43.08"	78° 09" 03.09"
109	OTE153	8° 55" 58.45"	78° 08" 19.87"
110	OTE155	8° 56" 37.34"	78° 07" 24.13"
111	OTE157	8° 57" 08.58"	78° 07" 56.23"
112	OTE158	8° 57" 44.31"	78° 07" 12.67"
113	OTE163	8° 57" 15.35"	78° 08" 29.93"
114	OTE164	8° 57" 02.20"	78° 08" 49.79"
115	OTE165	8° 56" 21.97"	78° 08" 58.28"
116	OTE166	8° 55" 28.72"	78° 09" 30.72"
117	OTE172	8° 56" 26.94"	78° 09" 32.13"
118	OTE173	8° 56" 36.76"	78° 08" 31.97"
119	OTE174	8° 56" 42.84"	78° 09" 47.84"

APPENDIX 3: FINDING OVERVIEW

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

FAR ID	NA	Section no.	NA	Date: DD/MM/YYYY
Description of FAR				
No FAR from validation or verification				
Project participant response				Date: DD/MM/YYYY
NA				
Documentation provided by project participant				
NA				
DOE assessment				Date: DD/MM/YYYY
NA				

Table 1. CL from this verification

CL ID	01	Section no.	MR	Date: 12/03/2022
Description of CL				
- Please submit the following evidences: - 1.Commissioning certificates 2.PPA 3.JMR/REA & Invoices during monitoring period 4.Calibration certificates for the energy meters during monitoring period - Please submit declaration confirming that the GHG emission reduction or removal generated by the project activity will not be used for compliance with an trading program or to meet binding limits on GHG emissions				
Project participant response				Date: 05/04/2022
- The following documents are submitted herewith: 1.Commissioning certificates 2.PPA 3.JMR/REA & Invoices during monitoring period 4.Calibration certificates for the energy meters during monitoring period - Declaration confirming that the GHG Emission reductions or removals generated by the project activity will not be used for compliance with an emission trading program or to meet binding limits on GHG Emissions is being submitted with the response				
Documentation provided by project participant				
1.Commissioning certificates 2.PPA 3.JMR/REA & Invoices during monitoring period 4.Calibration certificates for the energy meters during monitoring period 5.No double counting declaration				

DOE assessment	Date: 07/04/2022
- PP has submitted the requested documents & found appropriate. Hence accepted. - The PP has submitted the declaration confirming that the GHG Emission reductions or removals generated by the project activity will not be used for compliance with an emission trading program or to meet binding limits on GHG Emissions, found to be satisfactory, hence accepted.	
#CL 01 Closed	

Table 2. CAR from this verification

CAR ID	01	Section no.	4.2.2	Date: 12/03/2022
Description of CAR				
Please clarify why the information regarding the ongoing communication with local stakeholders is not provided in section 2.2 of the MR, in line with the guidelines provided under the clause 3.16.3 and 3.16.4 of the VCS standard.				
Project participant response				Date: 05/04/2022
The section 2.2 of the MR version 2.0 has been revised to include the details for the grievance register maintained at site. The stakeholders may comment or provide suggestions to the project. There are no comments received in the current monitoring period.				
Documentation provided by project participant				
Revised MR Version 2.0 Grievance Register				
DOE assessment				Date: 07/04/2022
The PP has described the procedure regarding the ongoing communication with local stakeholders in section 2.2 of the MR, in line with the guidelines provided under the clause 3.16.3 and 3.16.4 of the VCS standard v 04, hence accepted. CAR #1 is closed.				

CAR ID	02	Section no.	4.5	Date: 12/03/2022
Description of CL				
Value of net emission reductions achieved during the current monitoring period as mentioned in the MR is not consistent with the ER calculation sheet.				
Project participant response				Date: 05/04/2022
Value of net emission reductions achieved during the current monitoring period as mentioned in the MR is now consistent with the ER calculation sheet.				
Documentation provided by project participant				
Revised MR Version 2.0				
DOE assessment				Date: 07/04/2022
Value of the net emission reductions achieved during the current monitoring period is corrected in the MR and found consistent with the ER calculation sheet. CAR #2 closed				

No FARs have been raised