Gold Standard for Global Goals Verification Report

GS Project no. 11415

“Nhon Hoa 2 Wind Power Project”

Report No: ET-007314

03/11/2025

TÜV SÜD South Asia Pvt. Ltd.
Solitaire, I.T.I. Road, Aundh
Pune - 411007
INDIA

Title of the project activity	Nhon Hoa 2 Wind Power Project
GS Reference number of the project activity	GS 11415
Version number of the verification and certification report	2.2
Completion date of the verification and certification report	03/11/2025
Monitoring period number and duration of this monitoring period	2nd monitoring period, 01/01/2023 – 31/05/2025 (both dates inclusive)
Version number of monitoring report to which this report applies	1.5
Crediting period of the project activity corresponding to this monitoring period	30/11/2021 - 29/11/2026
Activity Requirements applied	☐ Community Services Activities ☒ Renewable Energy Activities ☐ Land Use and Forestry Activities/Risks & Capacities ☐ N/A
Product Requirements applied	☒ GHG Emissions Reduction & Sequestration ☐ Renewable Energy Label ☐ N/A
Project participant(s)	Monsoon Sustainability Co., Ltd
Host Party	Vietnam
Sectoral scope(s)	1 : Energy industries (Renewable/ Non-Renewable source)
Methodology (ies)	ACM0002 – Grid-connected electricity generation from renewable sources (version 21.0)
Estimated amount of annual average certified SDG impact (as per approved PDD)	**SDG** / **Estimated amount of annual average certified SDG impact** 4 / 14 people 7 / 164,834 MWh 8 / 27 people 13 / 135,655 tCO2e
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	**SDG** / **Actual value achieved for this monitoring period** 4 / 64 people 7 / 449,720 MWh 8 / 29 people 13 / 370,095t CO_2e
Name of VVB	TÜV SÜD South Asia Private Limited. Solitaire, 4th floor, ITI Road, Aundh, Pune, India. Email ID: CB@tuvsud.com

	Deepak.zade@tuvsud.com
Name, position and signature of the approver of the verification and certification report	 Ms. Priya Suman Deputy General Manager - Quality Assurance Certification Body, (Environment & Energy), TÜV SÜD South Asia Private Limited. Solitaire, 4th floor, ITI Road, Aundh, Pune, India.Deputy General Manager TÜV SÜD South Asia Private Limited. Solitaire, 4th floor, ITI Road, Aundh, Pune, India.

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A. Executive Summary

The project participant, Monsoon Sustainability Co. Ltd has contracted the TUV SUD south Asia Private limited (hereafter referred to as "TÜV SÜD"). To perform an independent verification of the project activity "Nhon Hoa 2 Wind Power Project" (GS11415) in Vietnam (hereafter referred to as "project activity") for the monitoirng period 01/01/2023 – 31/05/2025 (Including both days). This report outlines the results of the project's verification, conducted in accordance with GS4GG principle and requirements GS validation/verification standard and product requirement. Verification is required for all registered GS project activities intending to confirm their achieved emission reductions and proceed with request for issuance of VERs. This report contains the findings and resolutions from the verification and a certification statement for the certified emission reductions.

A.1. Objective

Verification is the periodic independent review and ex-post determination of both quantitative and qualitative information by a VVB of the monitored reductions of the GHG emissions that have occurred as a result of the registered GS project activity during a defined monitoring period. Certification is the written assurance by a VVB that, during a specific period of time, a project activity achieved the emission reductions as verified. The objective of this verification was to verify and certify emission reductions reported for the "Nhon Hoa 2 Wind Power Project" for the monitoring period 01/01/2023 – 31/05/2025.

The primary objective of the verification is to ensure compliance with the requirements of Gold Standard for the Global Goals. In accordance with this assessment, TÜV SÜD shall:

- Confirms that the project activity has been implemented and operated in accordance with the registered PDD, ensuring all the physical features such as technology, project equipment and monitoring/metering equipment are in place.
- Verify that the published Monitoring Report and other supporting documents are complete, verifiable and align with the applicable GS requirement.
- Ensure that the actual monitoring systems and procedures are in compliance with those outlined in the monitoring plan and approved methodology.
- Evaluate the data recorded and stored in accordance with the relevant requirements.
- Assess the sustainability monitoring parameters in line with GS requirements.

A.2. Scope of verification

The scope of the of verification as a VVB (TÜV SÜD) is to verify project's emission reductions and sustainable development impacts against the requirements set out by the Gold Standard for Global Goal. The verification shall ensure that the reported emission reductions are complete and accurate in order with the set of requirements. This includes:

- GS4GG principles requirements for verification. V2.1 /B01/
- Validation and Verification Body Requirements of GS4GG v2. /B02/
- ACM0002 – Grid-connected electricity generation from renewable sources (version 21.0) /B05/
- Environmental issues relevant to the applicable sectoral scope
- Applicable environmental and social impacts and aspects of GS project activity.
- Current technical and operational knowledge of the specific sectoral scope and information on best practice.
- Stakeholder consultation and feedback.

The scope includes:

- ✓ To verify the implementation and operation with respect to the registered.
- ✓ To verify the implemented monitoring plan with the registered PDD and applied baseline and monitoring methodology.
- ✓ To verify that the actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan.
- ✓ To evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emission reduction data is free from material misstatement.
- ✓ To verify that reported GHG emission data and other non-GHG parameters as per the requirement of GS is sufficiently supported by evidence.

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.

A.3. Verification Process

The verification comprises a review of the monitoring report over the monitoring period from 01/01/2023 – 31/05/2025 and based on the registered PDD in part of the monitoring parameters and monitoring plan, emission reduction calculation spreadsheet, monitoring methodology and all related evidence provided by project participant. On-site inspection was also performed as part of the verification process.

Consideration of materiality in conducting the verification:

The threshold of materiality was evaluated based In accordance with Section 9.6.3.C of 'GS validation and verification standard v2.0' 2 per cent of the emission reductions/removals for large-scale project activities achieving a total emission reduction of 300,000 tonnes of carbon dioxide equivalent per year or less;

It was concluded that the materiality threshold applicable to the project activity based on actual emission reductions achieved is 2 %.

Based on the above, activities in which risks were assessed:

1. Monitoring system including the metering system survey
2. Copy of the commissioning certificate
3. Layout of the project
4. Meter unique identification number
5. ER sheet (application of data)
6. Data flow
7. Data control procedures
8. SDG impacts

The risks identified were mitigated through the review of all documents Meter readings records /05/, Commercial operation certificate. /08/,Single line diagram /12/Emission reduction sheet /02/ SDG impact TOOL /04/ and calculation spreadsheets and cross-checked the consistency. In conducting the verification, VVB took cognizance of §13-17 of the CDM "Guideline: Application of materiality in verifications" (version 02.0) and based on the input of data from different sources checked complete data set during on-site. Some mistakes were identified and

subsequently. These findings are detailed in Appendix 2, Therefore, related identified mistakes as listed in findings in Appendix 2 to this report have been determined to be immaterial. Based on the assessment carried out, "TÜV SÜD" confirms with a reasonable level of assurance that the claimed emission reductions are free from material errors, omissions or misstatements.

Mitigation of Human error risks:

Risk that could lead to material errors, omissions or misstatements	**Risk level**	**Response to the risk in the verification plan and/or sampling plan**
Human error in the quantification of emissions	low	TUV SUD has focused on assessment of the following: • Procedure of raw data collection/ monitoring procedures. • Data & information flow with a special focus on any material mistake • Calculation spreadsheets. • Procedures/QA/QC established to detect and correct any error or omission in monitoring parameters. • Quality control for monitored parameters and metering systems. Complete verification (100 % data) of all the monitoring records (measurement records, invoices and the calibration certificates) was done by the verification team and compared with the values indicated in the emission reduction spreadsheet. No risk identified

Mitigation due to error in Information system:

Risk that could lead to material errors, omissions or misstatements	Risk level	Response to the risk in the verification plan and/or sampling plan
Information System: Use of spreadsheets without adequate controls related to data changes/updates, version tracking, traceability, security	low	The identified risk was mitigated by reviewing the management of access to the records. It was confirmed through interviews that the raw data of electricity is collected by the trained personnel and then transmitted

Accuracy of the measuring equipment:

Risk that could lead to material errors, omissions or misstatements	Risk level	Response to the risk in the verification plan and/or sampling plan
Accuracy of the measuring equipment	low	The identified risk was mitigated by checking the calibration certificates of the energy meters.

A.4. Conclusion

The verification team assigned by "TÜV SÜD"as a Validation & Verification body (VVB) concludes that the monitoring report , meet all relevant requirements of the Gold Standard as per the requirements of GS4GG. The verification has been conducted in-line with the GS4GG requirements. The project activity was correctly implemented according to the selected monitoring methodology, monitoring plan and the registered PDD . The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the verification of the amount of achieved GHG emission reductions. The following table provides the resulted emission reduction from the project as verified through the document review, and onsite inspection interviews by the verification team.

Vintage	SDG 13 -VERs	SDG 7- MWh	SDG 4 (numbers)	SDG 8 (numbers)
01/01/2023 – 31/12/2023	142,942	173,696 MWh	28	23
01/01/2024 – 31/12/2024	146,144	177,586	18	23
01/01/2025 – 31/05/2025	81,009	98,438	18	29
Total	370,095	449,720	64	29 (Min 23 – Max 29) in Total.

TUV SUD South Asia Pvt. Ltd, as a Validation & Verification body (VVB) therefore pleased to issue a positive verification opinion expressed in the Certification statement provided in this report.

B: Verification team, technical reviewer and approver

According to the technical scopes, sectorial expertise and experiences in the sectoral or national business environment, TÜV SÜD has composed an assessment team in accordance with the appointment rules of the TÜV SÜD Certification Body "Environment and Energy". The composition of an assessment team must be approved by the Certification Body (CB) to assure that the required skills are covered by the team. The CB of TÜV SÜD operates the following qualification levels for team members that are assigned by formal appointment rules:

- Assessment Team Leader (ATL)
- Verifier (V)
- Technical Experts (TE)
- Country expert (CE)
- Technical reviewer (TR)

It is required that the sectoral scope(s) and the technical area(s) (TA) be linked to the methodology/ies and project has to be covered by the assessment team. Appointment certificates of the selected team members are attached to this report as Annexure 4.

B.1. Verification team member

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	Onsite audit	Interview(s)	Verification findings
1	Assessment leader	IR	Raychoudhury	Mr. Rishi	TUV SUD	☒	☒	☒	☒
2.	verifier	IR	Rizwan	Ms. Sumbul	TUV SUD	☒	☒	☒	☒

3.	Technical expert	IR	Raychoudhury	Mr. Rishi	TUV SUD	☒	☒	☒	☒
4.	Host country expert	IR	Tran	Mr. Minh Tai	TUV SUD	☐	☒	☒	☐

Brief bio of the above audit team members has mentioned below.

1. **Mr. Rishi K. Raychoudhury** is Qualified lead assessor for validations and verifications GHG mitigation projects under CDM, VCS, GS4GG and GCC and actively been involved in the validation and verification of GHG mitigation projects. He is qualified as technical expert for TA 1.2 & 3.1 under CDM SS categorization. He has undergone extensive training in the validation and verification of carbon offset projects including the accreditation requirements for the VVBs. Rishi has extensive work experience on working on Energy industry and Energy demand projects under CDM, VCS, GS4GG and GCC projects. He was also involved in forestry projects as team leader under VCS standard. He has done Master of Energy Systems from the University of Petroleum and Energy Studies, Dehradun and have more than 15 years of professional experience.
2. **Ms. Sumbul Rizwan** is a qualified GHG- Auditor for validations and verifications GHG mitigation projects under CDM, GS and other voluntary carbon schemes in TUV SUD South Asia Private Limited. She has been actively involved in the validation/verification of GHG mitigation projects. She has a competency of as technical area 1.2 and 3.1 under CDM and other GHG categorizations. She has a qualified auditor under ISO 14064 part 1, 2 and 3. She successfully completed the training on 17029 ISO/IEC 17029:2019: Principles and Requirements for Validation and Verification Bodies and also Certified and approved auditor specializing in Gold Standard for Community Services Activities, Energy, and Waste, with expertise in Gold Standard micro-scale initiatives by the gold standard for global goal. She has undergone extensive training and calibration workshop in the validation and verification of carbon offset projects including the accreditation requirements for the VVBs. Her education background, she has done bachelor's and master's degrees in environmental sciences.
3. **Minh Tai Tran** is the country expert of Vietnam. He known local rules and regulation of the Vietnam, know the local language of the Vietnam country.

B.2. 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 VVB or outsourced entity)
1.	Technical reviewer	IR	Selvaraj	Mr. Srinivasan	TUV SUD
3.	Approver	IR	Suman	Priya	TUV SUD

Brief bio of the above technical reviewer as mentioned below.

Srinivasan Selvaraj: More than 20 years of work experience in consulting and auditing in the field of Energy, Environment and Sustainability services. Job responsibilities comprised conducting validation and verification

assessments for different market based Green House Gas emission reduction mechanisms (completed more than 40 projects in Sectoral scopes – 1, 3, 4, 10 and 13), conducting assessments for Management System implementation in organizations across different sectors and assurance service for Sustainability reporting (GRI standard). Work experience also includes providing detailed design engineering, project management and in conducting Environmental Impact assessment (EIA) studies for urban development and public health projects. Academic credentials include B.Tech in Chemical Engineering, M.E in Environmental management and PG diploma in Business Management (with Finance specialization). Also, a certified sustainability assessor from Confederation of Indian Industries (CII-ITC).

C: Means of verification

C.1. Desk/document review

The verification was performed primarily based on the review of the Monitoring report /01/ and the supporting documentation. This process included review of data and information presented to verify their completeness and review of the monitoring plan and monitoring methodologies. Documents reviewed or referenced during the verification are listed in Appendix 3 of the report.

C.2. On-site inspections

Duration of on-site audit			
S.No.	Activity performed during audit	Site location	Date
1.	An evaluation of the implementation and functioning of the registered project activity in accordance with the registered Project Design Document (PDD)	Day 1- Chu Don commune, Chu Puh district, Gia Lai province, Viet Nam. Day 2- Monsoon Sustainability Co. Ltd. Star Building, 33 Mac Dinh Chi, Da Kao Ward, District 1. Vietnam. PP office, Veitnam	02/07/2025 - 04/07/2025
2.	An examination of the processes involved in collecting, consolidating, and reporting the monitoring parameters.		
3.	Interviews with relevant personnel to determine whether the operational and data collection procedures are implemented in accordance with the monitoring plan in the PDD.		
4.	A cross check between information provided in the monitoring report and data from other sources.		
5.	A check of the calibration performance and observations of monitoring practices against the requirements of the PDD and the selected methodology and corresponding tool(s),		
6.	A review of calculations and assumptions made in determining the GHG data and emission reductions.		
7.	QA/QC procedures.		

C.3. Risk assessment:

VVB has also carried out the risk assessment in accordance with Annexure 1 of the Site Visit and Remote Audit Requirements and Procedures, version 2.0./B04/

For all certification stages		
S. No	Risk	VVB Assessment
1.	Risk of non-conformity with core GS4GG principles including but not limited to safeguarding principles, stakeholder inclusivity and/or SDG Impacts.	The verification team has checked and confirmed that PP has considered all the safeguarding principle related to the project activity. Hence, no risk identified.
2.	Risk of non-conformity with potential reversal of GHG benefits and other SDG Impacts.	The verification team has verified the Emission reduction calculations and SDG impacts from the

		actual records, found that PP has claimed actual achieved values. Hence there is no risk of reversal of GHG benefits and claimed SDG impacts.
3.	Risk of non-conformity with key methodological requirements (applicability conditions, project boundary, identification of baseline scenario, algorithms and/or formulae used to determine emission reductions, monitoring methodology). d. Risk of any negative	The Verification team has assessed the key methodological requirements (applicability conditions, project boundary, identification of baseline scenario, algorithms and/or formulae used to determine emission reductions, monitoring methodology and noted that all the requirments are complied.
4.	Risk of any negative feedback/observations received from GS stakeholders, e.g., TAC, end-users, NGO supporters etc, not being addressed sufficiently by the project.	The verification team has interviewed the stakeholders directly through an onsite audit and confirmed that there is no negative feedback/observations received from stakeholders' side.
5.	Risk of key stakeholders and/or end users of project technology not willing/able to be interviewed through telephone/videocalls.	The verification team has conducted an on-site audit and communicated to stakeholders directly, enquired and confirmed relevant details required.

C.4. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	[redacted]	[redacted]	Monsoon Sustainability Co., Ltd	02/07/2025 And 04/07/2025	Project operation, VER calculations and completeness of monitoring report, Review of SCADA, Metering system, Document review and discussion on project implementation and operation, monitoring procedure, Quality Assurance – Management and operating system, Qualification and Training Project technical specification and operation, Review of data/information flows for generating, aggregating and reporting, technical specification. Overall project information includes the social aspect, SDG benefits.	Mr. Rishi Raychoudhury Ms. Sumbul Rizwan Mr. Minh Tai Tran
2.	[redacted]	[redacted]	Monsoon Sustainability Co., Ltd			
3.	[redacted]	[redacted]	Nhon Hoa 2 Wind Power Project			
4.	[redacted]	[redacted]	Nhon Hoa 2 Wind Power Project			
5.	[redacted]	--			Interview with local community and related stakeholders.	

C.5. Sampling Approach

Not Applicable

C.6. Resolution of Clarification and Corrective and Forward Action Requests

The objective of the verification is to resolve the requests for corrective actions, clarifications, and any other outstanding issues which need to be clarified for TÜV SÜD`s conclusion on the achieved emission reductions.

In total 03 CARs, 01 CLs and 00 FARs were raised during the entire course of verification. All the CARs and CLs raised by TÜV SÜD are resolved during communication between the project participant and verification team. Refer appendix 2 for details of the findings raised by TUV SUD

C.7 Internal Quality Control

The verification report passed a technical review before being submitted to the Gold Standard. The technical review is performed by a technical reviewer qualified in accordance with TUV SUD's qualification scheme for CDM validation and verification. The internal quality control in the verification process is given by the final decision (Verification and Certification Conclusion) made by the CB "Environment and Energy".

D: Carbon verification and Reporting

The following sections present the results of the verification. These results pertain to the project's performance as documented in the final Project Design Document (PDD) and the final Monitoring Report. The verification findings for each verification subject are presented below.

D.1: Remaining forward action requests from validation and/or previous verifications

This verification represents the second verification of the project activity. As a part of this assessment, the team reviewed the previous reports to identify any pending issues from the previous verification of the GS4GG transition. Hence found that no major issues or FAR is pending resolve.

D.2: CLs, CARs and FARs raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form	-	01 (CAR 01)	-
Compliance of the project implementation with the registered PDD	-	-	-
Post-registration changes	-	-	-
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline	-	-	-
Compliance of monitoring activities with the registered monitoring plan	-	-	-
Compliance with the calibration frequency requirements for measuring instruments	-	-	-
Assessment of data and calculation of emission reductions or net removals	-	03 (CAR 03)	FAR 1
Others (Assessment of SDG outcomes)	01 (CL 01)	02 (CAR 02)	-
Total	**01**	**03**	**01**

D.3: Project Implementation in accordance with the registered project design document

The Verification team has checked the project Implementation in accordance with the registered Project Design Document (PDD) according to the requirement of GS4GG Principles and Requirements , applicable rule updates and clarifications.

Means of verification	Documents review and onsite interview
Findings	No finding has been raised.
Conclusion	The verification team confirms that project implementation, and operation complies with the project Design document /03/. The Project involves the installation and operation of ten (10) wind turbines with 4.2 MW capacity and two (02) turbines with 4.0 MW capacity. Same has been confirmed by onsite audit ,crosschecking the technical specification of the turbine/11/ used and Single line diagram of the project/12/ The Project constructs a 63 MVA transformer station and a 220 kV transmission line. All Wind Turbines are commissioned in between 14 and 22 october 2021 , which was confirmed from the comercial operation certificates /08/. The project boundary in the registered PDD /03/ is in line with the actual project boundary. Since wind energy is clean energy, the project activity does not involve any fossil fuel firing and hence no greenhouse gases are involved in the project activity. The project generation from the project activity replaces the equal amount of power which otherwise would have been supplied from the fossil fuel dominated grid. The verification team has cross checked the information mentioned in the monitoring report /01/ and compared it against the registered PDD /03/ and found it to be consistent . In summary verification team confirms actual operation of the project activity, its implementation and operation are in compliance with the registered PDD

D.4: Compliance of the Monitoring Report with the Monitoring Report Form

Means of verification	Document review, review of GS-MR and interview
Findings	CAR 01 have been raised and closed.
Conclusion	The monitoring report covers monitoring period 01/01/2023 – 31/05/2025. The Project Participant has used latest version of the Monitoring report template version 1.1 dated 14/10/2020, same is latest version issued by gold standard. MR /01/ is completed correctly and meets all requirements of the Instructions given in the template guide “GUIDE TO COMPLETING THE MONITORING REPORT”. In addition, the monitoring report meets all GS4GG principle and requirements. This confirms compliance with the paragraph 9.4.4 of GS4GG validation and verification standard, version 02 and GS4GG Principle and Requitements.

D.5: Post Registration Changes

D.5.1: Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents

No temporary deviations from the registered monitoring plan or applied methodology have been applied during this second monitoring period.

D.5.2: Corrections

No corrections to project information or parameters fixed at validation have been approved during this second monitoring period or submitted with this monitoring report.

D.5.3: Changes to the start date of the crediting period

No changes of the Project's start date of crediting period. Hence, the first crediting period is 30/11/2021 to 29/11/2026 (both dates inclusive), 5 years and 0 months.

D.5.4: Inclusion of a monitoring plan

Monitoring plan was already included in the registered PDD. Hence, not applicable.

D.5.5: Permanent changes from registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

Not applicable

D.5.6: Changes to the project design

No Project design changes from the approved PDD.

D.5.7: Changes specific to afforestation and reforestation project activities

Not applicable

D.6: Compliance of monitoring activities with the registered monitoring plan

The verification team has checked the actual monitoring plan against the monitoring plan in the PDD and monitoring methodology and applicable tools. The monitoring was conducted in accordance with the monitoring plan outlined in the registered PDD. All parameters were monitored and determined as specified in the Monitoring Plan.

D.6.1: Data and parameters fixed ex ante or at renewal of crediting period

Means of verification	Data and parameters fixed ex-ante as listed in the monitoring report have been crosschecked and reviewed as applicable against the registered PDD, monitoring plan as well as against the applied methodology and other relevant GS related documentation.
Findings	No finding has been raised.
Conclusion	

Ex-ante Parameter	Value (tCO_2e/MWh)

EFgrid, OM, y	0.9239
EFgrid, BM, y	0.5202
EFgrid, CM, y	0.8230

Verification team verifies that the mentioned parameters are predetermined and utilized for calculating baseline, project emissions, and leakage emissions as per the applied methodology and tools. The SDG 13 climate action is the relevant indicator for emission reduction which is calculated as per the methodology. The fixed ex-ante value is calculated as per the tool to calculate the emission factor for electricity system version 07. Verification team confirms that the data and parameters fixed ex ante are in compliance with the registered PDD and monitoring plan.

D.6.2: Data and parameters monitored

Means of verification	Reviewed all the Supporting documents provided by PP for SDG 4,7,8,13. And onsite interview.
Findings	No finding has been raised.
Conclusion	The monitoring parameters in the GHG emission reductions calculation have been monitored in accordance with the monitoring plan described in the PDD/03/. The monitoring mechanism, including the data collection and report, is effective and reliable Verification team have assessed whether relevant monitoring parameter and defined in the PDD and the applied methodology are correctly described in the monitoring report as bellows;-

Data / Parameter	(SDG 4)/ Number of people that received training services provided by the project
Description	The Project Activity aims to contribute to the SDG 4 by achieving number of people imparted relevant skills including modern technical skills and advance vocational skills for employment and decent job.
Value	As per registered PDD, at least 14 people per year trained by the Project and in this second monitoring period the Project Activity achieved:

Monitoring period	**Training date**	**Topic covered**	**Attendees**
01/01/2023 – 31/12/2023	28/09/2023	Monitoring plan training for Nhon Hoa 2 Wind Power Plants	Refer to the atta supporting docu *NH1&2 Monit Training Attend 2023*

			● March 2023 ● August 2023	● Training on Quality, Health, Safety, Social, and Environmental aspects ● Technical training	Refer to the attached supporting document *Annual Internal Training Plan NH2*
		01/01/2024 – 31/12/2024	● 12/04/2024 ● 04/06/2024 ● 31/07/2024 ● 09/12/2024	Quarterly periodic monitoring plan training for the Project team	Refer to the attached supporting document *NH1&2_Quarterly Training*
			● April 2024 ● July 2024 ● 27-31/05/2024 ● 03-07/06/2024 ● 25-26/07/2024 ● 23/10/2024	● Training on Quality, Health, Safety, Social, and Environmental aspects ● Technical training	Refer to the attached supporting document *Annual Internal Training Plan NH2*
		01/01/2025 – 31/05/2025	● 07/03/2025 ● 09/05/2025	Quarterly periodic monitoring plan training for the Project team	Refer to the attached supporting document *NH1&2_Quarterly Training*
			February 2025	● Training on Quality, Health, Safety, Social, and Environmental aspects ● Technical training	Refer to the attached supporting document *Annual Internal Training Plan NH2*
		• 01/01/2023 – 31/12/2023 (12 months) = 28 people • 01/01/2024 – 31/12/2024 (12 months) = 18 people • 01/01/2025 – 31/05/2025 (5 months) = 18 people Total; 64 people			
	Unit	Number of people			
	Source	Training records			
	Assessment	Verification team confirmed that the PP has given training to the employees in each vintage. Total 64 people attended the training which enhances their technical knowledge, safety and project related aspects. Verification team has checked the training records and also confirmed with the stakeholder. The same has been verified from the onsite audit and review of the internal training records provided /10/. .			

Data / Parameter	SDG 7 / Quantity of net electricity generation supplied by the project plant/unit to the grid in year
Description	The Project Activity generates electricity from the sustainable and renewable energy and then contributes to increase the share of renewable energy mix in the global energy mix.
Value	As per registered PDD, at least 164,834 MWh of net electricity generation supplied by the Project to the grid per year. • 01/01/2023 – 31/12/2023 =173,696 • 01/01/2024 – 31/12/2024 = 177,586 • 01/01/2025 – 31/05/2025 = 98,438 In total 449,720 MWh in current monitoring period.

Vintage	**Exported MWh**	**Imported MWh**	**NET MWh (Exported – Imported)**
Jan-23	28,844	10.000	28,834
Feb-23	23,891	7.000	23,884
Mar-23	23,532	12.000	23,520
Apr-23	10,246	39.000	10,207
May-23	5,721	76.000	5,645
Jun-23	4,700	36.000	4,664
Jul-23	5,432	52.000	5,380
Aug-23	7,221	9.000	7,212
Sept-23	4,108	53.000	4,055
Oct-23	7,040	64.000	6,976
Nov-23	23,617	2.000	23,615
Dec-23	29,705	1.000	29,704
Jan-24	32,747	0.000	32,747
Feb-24	20,646	17.000	20,629
Mar-24	19,217	25.000	19,192
Apr-24	8,118	53.000	8,065
May-24	8,732	54.000	8,678
Jun-24	4,172	33.000	4,139
Jul-24	9,846	23.000	9,823
Aug-24	3,001	55.000	2,946

Sept-24	6,033	52.000	5,981
Oct-24	11,187	35.000	11,152
Nov-24	22,557	13.000	22,544
Dec-24	31,692	2.000	31,690
Jan-25	29,528	1.000	29,527
Feb-25	27,484	1.000	27,483
Mar-25	22,883	17.000	22,866
Apr-25	13,418	38.000	13,380
May-25	5,273	91.000	5,182
Total	**450,591**	**871**	**449,720**
2023 (12 months)	174,057	361	173,696
2024 (12 months)	177,948	362	177,586
2025 (5 months)	98,586	148	98,438

Unit	MWh/year
Source	Direct measurement at the connection point by power meters
Assessment	The verifcation team checked and verified that the Two-way power meters are installed at the grid- connected point to measure the amount of electricity supplied and consumed by the Project by the reverse direction. The readings of electricity meter were continuously measured and recorded monthly. The recorded data was confirmed by the joint balance sheet as signed by the representatives of grid operator EVN and the Project Owner. The verification team has cross checked the Invoices and Joint meter reading record for each month with ER sheet during the onsite audit. The values and calculation method found to be consistant. The meters details are given below along with the calibration date./07/ **Main meter 232C –** Type of meter - Elster A1700 PB3KAGGHT-5 Accuracy of meter -0.2s

Serial number - 20015970

Cert. No	Date	Validity
222705/CPC ETC-PXĐL	22/08/2022	31/08/2025
23/CPCETC-PXĐL	10/08/2023	31/08/2026
244352/CPCET C-PXĐL	02/08/2024	31/07/2027

Back-up meter 232DP1-

Type of meter- Elster A1700

PB3KAAGHT-5

Accuracy of meter -0.5s

Serial number -21000515

Cert. No	Date	Validity
21/0449/ĐL2.2 8	12/07/2021	31/07/2024
244351/CPCET C-PXĐL	02/08/2024	31/07/2027

Back-up meter 332DP2-

Type of meter- Elster A1700

PB3KAAGHT-5

Accuracy of meter -0.5s

Serial number-21000549

Cert. No	Date	Validity
21/0449/ĐL2.3 3	12/07/2021	31/07/2024
244353/CPCET C-PXĐL	02/08/2024	31/07/2027

The meters are verified during site visit; this is confirmed that there is no meter change after the project registration and calibration is verified with each calibration certificate during onsite visit and generation reading.

confirms that Project activity has generated total 449,720 MWh of net electricity during this monitoring period and electricity generation supplied by the Project to the grid.

Data/Parameter	SDG 8/ Number of jobs created
Description	Number of people employed directly due to the Project Activity.
Value	As per registered PDD, at least 27 staffs per year employed by the Project Activity during operation phase and in this second monitoring period the Project Activity achieved: • 01/01/2023 – 31/12/2023 = 23 staffs (including 21 males and 02 females) • 01/01/2024 – 31/12/2024 = 23 staffs (including 21 males and 02 females) • 01/01/2025 – 31/05/2025 = 29 staffs (including 18 males and 11 females)
Unit	Number of employees
Source	Employment records or labor contracts signed with employees or internal records
Assessment	The project activity has created 29 job during this monitoring period that includes job opportunity to 18 males and 11 females. /09/ This has been checked with the employment record and also by interview with the employees. The verification team confirmed that the project activity has generated the total 29 jobs during this monitoring period.

Data/Parameter	SDG 13/ Annual emission reduction (ERy)
Description	The project generates renewable power, which displace part of the electricity otherwise supplied by fossil fuel fired power plants, thus GHG emission reductions are achieved due to this project.
Value	As per registered PDD, at least 135,655 tCO_2e emission reduction per year and in this second monitoring period the Project Activity achieved: • 01/01/2023 – 31/12/2023 (12 months) = 142,942 tCO_2e • 01/01/2024 – 31/12/2024 (12 months) = 146,144 tCO_2e • 01/01/2025 – 31/05/2025 (5 months) = 81,009 tCO_2e Total = 370,095tCO_2e
Unit	tCO_2e/year
Source	Electricity generated by the Project and the calculated combined margin (CM) emission factor are used as inputs/ references in the calculation of the emission reduction.

	Assessment	The verification team checked and confirms that the reported emission reductions of 370,095 tCO_2e during the monitoring period. Verification team confirms that PP is following the procedure as per the register Monitoring plan. Furthermore, crosschecked the electricity sales invoices/06/ during reviewing of the ER with joint merer reading record in order to verify the calculation method and values mentioned. The verification team confirms that the value mentioned is consistent with supporting documents.
	Verification team confirms that the monitoring of parameters like training, renewable electricity generation, employment, and emission reductions has been carried out in accordance with the registered monitoring plan and all the monitoring activities comply with GS4GG rules. This confirms compliance with the paragraph 9.4.13 and 9.4.17 of GS4GG validation and verification standard, version 02 and GS4GG Principle and Requitements.	

D.6.3: Implementation of sampling plan:

Not Applicable

D.7: Compliance with the calibration frequency requirements for measuring instruments

Means of verification	The verification team has checked the calibration certificates and records of the monitoring equipment as given below.
Findings	No finding has been raised
Conclusion	**Main meter 232C –** Type of meter - Elster A1700 PB3KAGGHT-5 Accuracy of meter -0.2s Serial number - 20015970

Cert. No	Date	Validity
222705/CPC ETC-PXĐL	22/08/2022	31/08/2025
23/CPCETC-PXĐL	10/08/2023	31/08/2026
244352/CPCETC-PXĐL	02/08/2024	31/07/2027

Back-up meter 232DP1-

Type of meter- Elster A1700

PB3KAAGHT-5

Accuracy of meter -0.5s

Serial number -21000515

	<table><tr><th>Cert. No</th><th>Date</th><th>Validity</th></tr><tr><td>21/0449/ĐL2.28</td><td>12/07/2021</td><td>31/07/2024</td></tr><tr><td>244351/CPCETC-PXĐL</td><td>02/08/2024</td><td>31/07/2027</td></tr></table> **Back-up meter 332DP2** Type of meter- Elster A1700 PB3KAAGHT-5 Accuracy of meter -0.5s Serial number-21000549 <table><tr><th>Cert. No</th><th>Date</th><th>Validity</th></tr><tr><td>21/0449/ĐL2.33</td><td>12/07/2021</td><td>31/07/2024</td></tr><tr><td>244353/CPCETC-PXĐL</td><td>02/08/2024</td><td>31/07/2027</td></tr></table> Verification team has verified that the calibration certificates for all monitoring equipment and the accreditation of the calibration entity have been checked against the provided documentation. There is no delay in the calibration of the meter. This confirms compliance with the paragraph 9.4.18 and 9.4.19 of GS4GG validation and verification standard, version 02 and GS4GG Principle and Requitements.

D.8: Assessment of data and calculation of emission reductions or net removals

D.8.1: Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	Review of Monitoring report, PDD and previous verification report and onsite interview.
Findings	No finding has been raised.
Conclusion	The equations for baseline emissions, as provided in the monitoring report and confirmed with PDD. In accordance with ACM0002 “Grid-connected electricity generation from renewable sources” version 21.0 for the emission reductions generated by the Project Activity, ER_y (tCO_2e). Baseline emissions include only CO_2 emissions from electricity generation from fossil fuel fired power plants that are displaced due to the project activity, calculated as follows: $$BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$$ Where:

	BE_y Baseline emissions in year y (tCO_2/yr). $EG_{PJ,y}$ Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh/yr) $EF_{grid,CM,y}$ Combined margin CO_2 emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system". the emission reductions are calculated as follows: $ER_y = BE_y - PE_y - LE_y$ $ER_y = EG_{facility,y} \times EF_{grid,CM,y}$ Where: • ER_y Emission reductions in year y (tCO_2e/yr). • BE_y Baseline emissions in year y (t CO_2e/yr) • PE_y Project emissions in year y (tCO_2e/yr). • LE_y Leakage emissions in year y (tCO_2e/yr). Emission reductions *(ER_y) = 370,095* tCO_2e during this second monitoring *period* (01/01/2023 – 31/05/2025). • 01/01/2023 – 31/12/2023 = 142,942 tCO_2e • 01/01/2024 – 31/12/2024 = 146,144 tCO_2e • 01/01/2025 – 31/05/2025 = 81,009 tCO_2e Hence, the emission reductions under Project situation would be the same as the emission under baseline situation. This Project Activity directly reduces 370,095 tons of CO_2 emission during this monitoring period. The verification team confirms that the baseline emissions have been appropriately calculated and are consistent with the applied methodology, registered PDD and the ER sheet.

D.8.2: Calculation of project GHG emissions or actual net anthropogenic GHG removals by sinks

Means of verification	Document review and interview.
Findings	No findings in this section
Conclusion	Calculations applied formulae and method for calculation of project emission are in accordance with the registered PDD and are in line with the requirements of the applied methodology. As per para 35 of the methodology ACM0002 version 21, the project is a wind power generation project, which does not involve any project emission from fossil fuel, operation

	of dry, flash steam or binary geothermal powerplants, from water reservoirs of hydro power plants and charging of a BESS using power from the grid or from fossil fuel electricity generators Hence, the project emission, PEy=0

D.8.3: Calculation of leakage GHG emissions

Means of verification	No leakage emissions considered as per the methodology.
Findings	Not applicable
Conclusion	Not applicable

D.8.4: Summary calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	Document review, Interview
Findings	CAR 3 has been raised and closed.
Conclusion	During the current monitoring period, no evidence of data gaps or missing information was identified during document review. All monitored values were cross-checked by the verification team against the raw data, and all calculations were found to be accurate and consistent with the monitoring plan. The verification team confirms that all assumptions, emission factors, and default values have been properly justified. These values, including any maximum permissible errors and defaults, are clearly specified in the monitoring report. The verification team confirms that the methodologies and formulae used for emission calculations are appropriate and correctly applied. All monitored data are archived in both electronic and paper formats. The data retention strategy complies with the monitoring plan, ensuring records are kept for the duration of the crediting period and for two years beyond the end of the final crediting period. the emission reductions are calculated as follows: $ER_y = BE_y - PE_y - LE_y$ $ER_y = EG_{facility,y} \times EF_{grid,CM,y}$ Where: • ER_y Emission reductions in year y (tCO_2e/yr). • BE_y Baseline emissions in year y ($t\ CO_2e/yr$) • PE_y Project emissions in year y (tCO_2e/yr). • LE_y Leakage emissions in year y (tCO_2e/yr). • 01/01/2023 – 31/12/2023 = 142,942 tCO_2e • 01/01/2024 – 31/12/2024 = 146,144 tCO_2e

	• 01/01/2025 – 31/05/2025 = 81,009 tCO_2e Emission reductions (ER_y) = 370,095 tCO_2e during this second monitoring period (01/01/2023 – 31/05/2025). The verification team confirms that all assumptions, emission factors, and default values used in the calculations have been appropriately justified. These values, including all emission factors and defaults, are clearly and explicitly documented in the Monitoring Report.

D.8.5: Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Means of verification	Document review, Interview.
Findings	No finding has been raised.
Conclusion	The below table depicts the comparison of actual GHG emission reduction by the sink with the estimates in the registered PDD.

Year	Values estimated in ex ante calculation of approved PDD for this monitoring period	Actual values achieved during the monitoring period
01/01/2023–31/12/2023	135,655 tCO_2e	142,942 tCO_2e **(↑5%)**
01/01/2024–31/12/2024	135,655 tCO_2e	146,144 tCO_2e **(↑8%)**
01/01/2025–31/05/2025	56,523 tCO_2e	81,009 tCO_2e **(↑43%)**
Second monitoring period	327,832 tCO_2e	370,095tCO2e **(↑13%)**

The estimation value of electricity generation presented in the approved PDD (Project Design Document) is based on the gross average monthly generation over a full 12-month period, covering both windy and non-windy seasons. In contrast, the monitoring period from 01 January 2025 to 31 May 2025 spans five months, three of which fall within the windy season (typically November to March). Consequently, the observed average monthly generation during this period is expected to be higher than the annual average projected in the PDD. Supporting this, actual wind speed data monitored during January to March 2025/28/, as per the turbine performance summary for the Nhon Hoa 2 Project, indicates wind speeds ranging between 8.7-12.4 m/s. These values fall within the optimal range for wind turbine generators (WTGs) to achieve high performance. Additionally, these wind speeds are notably better than those recorded in the same months of previous years/28/. However, this elevated generation performance is associated with the limited high-wind season and cannot be expected to persist throughout the entire year. Once full-year data for 2025 becomes available, the average monthly generation is anticipated to align with the annual average value estimated in the PDD.

<table>
<tr><td></td><td>However, VVB has referred the clause 2.1.3 of Rule Clarification - Treatment of Projects Overachieving Emission Reductions Ver 2.0
The assessment with reference to the rule clarification is provided below:
<table><tr><td>Rule Clarification</td><td>VVB assessment.</td></tr><tr><td>The VVB shall assess whether the change in variable value is within the range of variation (i.e., +/- 10%) applied for sensitivity analysis
a) If yes, no further assessment is needed. The VVB may conclude that the change in variable value is within the expected range of variation. Therefore, monitored and verified emission reductions may be issued.
b) If no, the verifying VVB shall raise a Forward Action Request (FAR) at the time of first reported instance for further investigation, as applicable. The FAR remains valid throughout the crediting period to keep track of the issue throughout the crediting period.</td><td>As per the registered Project Design Document (PDD) and in accordance with the Rule Clarification – Treatment of Projects Overachieving Emission Reductions, Version 2.0, Paragraph 2.1.3, a sensitivity analysis of ±10% has been considered for this monitoring period. The average overall increase in emission reductions (ERs) is 13% in this monitoring period. However, during the period from 01/01/2025–31/05/2025, there was a 43% increase in electricity generation.

Accordingly, the Validation and Verification Body has applied Forward Action Request (FAR) ID 01 in this verification to enable further investigation and ensure continued monitoring of this issue throughout the crediting period.</td></tr></table>
Therefore, the higher electricity generation recorded during the 5-month period should not be extrapolated to represent annual generation performance. The value stated in the PDD remains valid and reasonable.

In conclusion, while a temporary increase in generation is observed due to seasonal wind conditions, the actual annual electricity generation for 2023 and 2024 was still 5% and 8% above the PDD estimate, respectively. However, over the full 29-month monitoring period, the total generation of 449,720 MWh is approximately 13% higher than the estimated value in the PDD, demonstrating satisfactory and reasonable under this monitoring period.</td></tr>
</table>

D.8.6: Remarks on difference from estimated value in registered PDD

<table>
<tr><td>Means of verification</td><td>Document review and, Interview</td></tr>
<tr><td>Findings</td><td>No findings has been raised.</td></tr>
<tr><td>Conclusion</td><td><u>SDG 4-</u> <u>Number of people that receiving trainings per year</u>

<table><tr><td>Monitoring period</td><td>Values in approved PDD (Number of people)</td><td>Actual values achieved (Number of people)</td></tr></table></td></tr>
</table>

01/01/2023–31/12/2023	14	28
01/01/2024–31/12/2024	14	18
01/01/2025–31/05/2025	14	18
Total	42	64

SDG 7- Net amount of electricity generated and supplied to grid (MWh)

Monitoring period	Values in approved PDD (MWh)	Actual values achieved (MWh)
01/01/2023–31/12/2023	164,834 MWh	173,696 MWh (↑5%)
01/01/2024–31/12/2024	164,834 MWh	177,586 MWh (↑8%)
01/01/2025–31/05/2025	68,681 MWh	98,438 MWh (↑43%)
Total	**398,350 MWh**	**449,720 MWh (↑13%)**

SDG 8- Number of people employed by the Project per year (people)

Monitoring period	Values in approved PDD (Number of Jobs)	Actual values achieved (Number of Jobs)
01/01/2023–31/12/2023	27 staffs	23 staffs
01/01/2024–31/12/2024	27 staffs	23 staffs
01/01/2025–31/05/2025	27 staffs	29 staffs
Total	27 staffs	Total 29 (Min 23 – Max 29)

SDG 13- Annual Emission Reduction (tCO_2e/year)

Monitoring period	Values in approved PDD (tCO_2e/year)	Actual values achieved (tCO_2e/year)
01/01/2023–31/12/2023	135,655 tCO_2e	142,942 tCO_2e

	01/01/2024–31/12/2024	135,655 tCO_2e	146,144 tCO_2e
	01/01/2025–31/05/2025	56,523 tCO_2e	81,009 tCO_2e
	Total	327,832 tCO_2e	370,095 tCO_2e

The ex-ante estimated emission reduction for the monitoring period, as stated in the registered PDD, is 327,832 tCO_2e while the actual emission reduction achieved is 370,095 tCO_2e. Although this is higher than the estimated value, it is deemed acceptable by the verification team. . The verification team has provided the assessment on the in the section D.8.5 of this report. The same was confirmed by the verification team by interviewing the representatives of PP and by reviewing the actual implementation status of the project.

For other SDG parameters, PP has provided justification in the Monitoring report and assessment of the same is provided below:

SDG 7: Actual value significantly higher than the estimated ones. The reason is acceptable to the verification team.

SDG 8: The actual value higher to the estimated value, which is deemed appropriate and thus acceptable to the VVB

D.8.7: Assessment of Sustainability Parameters for the current Monitoring period relevant to Safeguarding Principle

Means of verification	Verification team has reviewed the following documents for verifying SDG4,7,8,13: the Internal training records/ plan or List of participants or Photos, Invoices, ER sheet and Employment contracts, invoices and interviewed stakeholders through on-site visit.
Findings	CL 1 has raised and successfully closed.
Conclusion	SDG 4

Data/Parameters	Number of people that received training services
Unit	Number of people
Description	The Project Activity aims to contribute to the SDG 4 by achieving number of people imparted relevant skills including modern technical skills and advance vocational skills for employment and decent job.
Source of data	Internal training records/ plan or List of participants or Photos
Value(s) applied	For the second monitoring period • 01/01/2023 - 31/12/2023 (12 months) = 28 people

	• 01/01/2024 - 31/12/2024 (12 months) = 18 people • 01/01/2025 - 31/05/2025 (5 months) = 18 people

SDG 7

Data/Parameters	Quantity of net renewable energy supplied by the Project Activity to the electricity grid
Unit	MWh/year
Description	The Project Activity generates electricity from the sustainable and renewable energy and then contributes to increase the share of renewable energy mix in the global energy mix
Source of data	Direct measurement or calculated based on continuously measurements from more than one electricity meters.
Value(s) applied	• 01/01/2023 – 31/12/2023 = 173,696 MWh • 01/01/2024 – 31/12/2024 = 177,586 MWh • 01/01/2025 – 31/05/2025 = 98,438 MWh Total in this second monitoring period = 449,720 MWh

SDG 8

Data/Parameters	Number of people employed by the Project Activity during operation phase
Unit	Number of people
Description	Project Activity already operated and supported the creation of long-term job opportunities during the operation of the Project Activity to people without discrimination for all
Source of data	Employment contracts or List of employees on the annually basis or HR records
Value(s) applied	For this current monitoring period • 01/01/2023 – 31/12/2023 (12 months) = 23 staffs (including 21 males and 02 females) • 01/01/2024 – 31/12/2024 (12 months) = 23 staffs (including 21 males and 02 females) • 01/01/2025 – 31/05/2025 (5 months) = 29 staffs (including 18 males and 11 females)

	SDG 13 **Data/Parameters** | Annual emission reduction (ERy) **Unit** | tCO_2e/year **Description** | The Project Activity generates electricity from the sustainable and renewable energy, which displaces part of the electricity otherwise supplied by fossil fuel fired power plants, thus GHG emission reductions are achieved due to this Project Activity **Source of data** | Quantity of net renewable energy supplied to the electricity grid generated. The calculated combined margin (CM) emission factor is used as inputs/ references in the calculation of the emission reduction. **Value(s) applied** | • 01/01/2023 – 31/12/2023 = 142,942 tCO_2e • 01/01/2024 – 31/12/2024 = 146,144 tCO_2e • 01/01/2025 – 31/05/2025 = 81,009 tCO_2e Emission reductions (ER_y) = 370,095tCO_2e during this second monitoring period (01/01/2023 – 31/05/2025). The verification team confirms that the Project Activity has contributed to SDGs 4, 7, 8, and 13, with all relevant parameters such as training, renewable energy generation, employment, and emission reductions are verified against credible sources and found to be in line with the registered PDD. Also confirms that Project's overall impact is consistent with its sustainable development commitments.

D.8.8: Assessment of mitigation measures resulting from the Safeguarding reporting

Means of verification	Reviewing of Health and safety training logs/16/, Occupational health safety plan/15/, waste Collection contracts /18/and onsite interview
Findings	CAR 2 has been raised and successfully closed.
Conclusion	**Safeguarding Principle 3 - Community Health, Safety and Working Conditions** During the current monitoring period, the project has successfully implemented and maintained measures to address community health, safety, and working conditions. An actively implemented Health, Safety, and Environment (HSE) Plan outlines steps to eliminate or minimize safety hazards in line with national regulations. The verification team confirms compliance with local occupational health and safety requirements, with no incidents or accidents recorded. Additionally, all project staff have received HSE training, with regular sessions tracked through attendance registers. Same has been verified by onsite audit and by Supporting documentation such as Health safety training record/16/ Occupational health safety plan /15/ **Safeguarding Principle 9.5 - Hazardous and non-hazardous waste**

	During the current monitoring period, the project has effectively managed both hazardous and non-hazardous waste in compliance with national regulations. Waste is collected in covered bins, segregated by type, and handed over to licensed waste collectors for proper disposal. All waste was managed according to these procedures. The project engages authorized third-party waste Collection contractors. /18/ These processes and record-keeping demonstrate the project's commitment to reducing environmental risks associated with waste management. The verification team confirms that all relevant safeguarding principles have been properly implemented and adhered to, with no significant risks or non-compliances observed during this monitoring period.

E: Internal quality control

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

F: Verification/Certification opinion

TUV SUD South Asia has performed the second periodic verification of the emission reduction reported for the project activity "Nhon Hoa 2 Wind Power Project" GS reference number 11415 for the period 01/01/2023 – 31/05/2025 with regard to the relevant GS4GG principles and requirements. The project participants are responsible for the collection of data in accordance with the monitoring plan and the reporting emission reductions from the project.

In TUV SUD's opinion that the GHG emission reductions were calculated correctly based on the baseline and monitoring methodology ACM0002, version 21 Hence TUV SUD is able to certify that the emission reductions from the project during the monitoring period 01/01/2023 – 31/05/2025.

- 01/01/2023 – 31/12/2023 = 142,942 tCO_2e
- 01/01/2024 – 31/12/2024 = 146,144 tCO_2e
- 01/01/2025 – 31/05/2025 = 81,009 tCO_2e

In total the emission reductions from the project during this second monitoring period (01/01/2023 – 31/05/2025). is 370,095tCO_2e.

The verification has been performed as per the requirements described in the GS4GG and constitutes the review and completion of the following steps:

- ✓ Reviewing the PDD, including the monitoring plan and the corresponding validation report;
- ✓ Desk review of the MR /01/ and other relevant documents including documents related to the project activities in emission reductions.
- ✓ Review of the applied monitoring methodology "ACM0002 – Grid-connected electricity generation from renewable sources (version 21.0)".
- ✓ Interviews and onsite inspection (02/07/2025 and 04/07/2025)
- ✓ Resolution of CARs and CLs raised during verification
- ✓ Issuance of Verification Report

The project activity was correctly implemented according to selected monitoring methodology, monitoring plan and the registered PDD. The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the verification of the amount of achieved GHG emission reductions. Through the document review and remote interviews, the verification team confirms that the project activity has resulted in the 370,095tCO2e emission reductions during the reported monitoring period.

This statement covers verification period from 01/01/2023 – 31/05/2025 (including both the dates). The VVB has raised one (01) clarification and three (03) corrective action requests, which have been successfully closed.

The VVB considers necessary to give reasonable assurance that reported GHG emission reductions were calculated correctly on the basis of the approved baseline and monitoring methodology and the monitoring plan contained in the registered PDD are fairly stated.

The VVB, hereby certifies that the project activity achieved emission reductions by sources of GHG equal to 370,095 tCO2e equivalent and all monitoring requirements have been fulfilled and is substantiated by an audit trail that contains evidence and records.

Appendix 1. Abbreviations

S. No	Abbreviations	Full texts
1.	BE	Baseline Emissions
2.	CAR	Corrective Action Request
3.	CDM	Clean Development Mechanism
4.	CDM M&P	Modalities and Procedures CDM
5.	CER(s)	Certified Emission Reduction(s)
6.	CH4	Methane
7.	CL	Clarification Request
8.	CO_2	Carbon dioxide
9.	CO_2e	Carbon dioxide equivalent
10.	DNA	Designated National Authority
11.	VVB	Designated Operational Entity
12.	EB	Executive Board
13.	ER	Emission Reductions
14.	EVN	Electricity Corporation of Indonesia
15.	FAR	Forward Action Request
16.	FSR	Feasibility Study Report
17.	GHG(s)	Greenhouse gas(es)
18.	GS4GG	Gold Standard for Global Goals
19.	GWP	Global Warming Potential
20.	IPCC	Intergovernmental Panel on Climate Change
21.	LoA	Letter of Approval
22.	MoV	Means of Verification
23.	MWh	Mega Watt Hour
24.	MR	Monitoring Report
25.	NGO	Non-governmental Organization
26.	ODA	Official Development Assistance
27.	PCP	Project Cycle Procedure
28.	PDD	Project Design Document

29.	PE	Project Emission
30.	PP(s)	Project Participant(s)
31.	PPA	Power Purchase Agreement
32.	PS	Project Standard
33.	QA/QC	Quality Assurance/ Quality Control
34.	Ref.	Document Reference
35.	SS(s)	Sectoral Scope(s)
36.	TA(s)	Technical Area(s)
37.	TÜV SÜD	TÜV SÜD South Asia Private Limited
38.	UNFCCC	United Nations Framework Convention on Climate Change
39.	VVS	GS Validation and Verification Standard

Appendix 2: Clarification requests, corrective action requests and forward action requests

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

NA

Table 2. CL from this verification

CL ID	01	Section no.	D.2	Date: 04/07/2025
Description of CL				
For SDG 8, in the monitoring report it states that a total of 46 jobs were created during the current monitoring period under SDG 8 (Decent Work and Economic Growth). However, during the onsite verification and review of supporting documentation, it was observed that only 44 unique jobs were substantiated and few of the same individuals were also listed under a different project (NoA 1). This leads to a potential double-counting of the actual job creation. PP is requested clarify the discrepancy regarding the total number of jobs created.				
Project participant response				**Date 11/07/2025**
The updated lists of employees, which are separate for NH1 & NH2, are now available and provided to Verifier. Overall, the Project aims to contribute to Goal 8 through its efforts to ensure long-term jobs and stable income for its employees (rather than creating more new jobs in the local community). Through the Project contributions via its long-term jobs, the Project will build a strong human capacity for its employees, and therefore, partly contributing to the development of labour force quality. From this, the Project employees will benefit a better sustainable skillset and capacity to approach better decent job opportunities in the future. During the monitoring period from January 2023 to May 2025, the SDG reported actual impact values demonstrates that the Project Activity is still contributing positively to Goal 8. This contribution will still be monitored and reported in each future monitoring periods to maintain its positive impacts. The approved PDD present estimate value is 27 staffs per year. The impacts achieved from SDG 8 decrease with the estimated value in approved PDD in 2023 and 2024 due to temporary internal human resources arrangements at the Project site. However, the actual value in five months of 2025 is slightly higher than the values in approved PDD, and this number of employees is expected to be maintained and consisted with PDD estimations in the following years. ☐ During 2023-2024, the Project has been under operation for over 4 years, and it has been performed stably without the need of extra human resources at the site. Therefore, the Project has been rearranged with its internal personnel to reduce the operation cost. In detail, the Project maintained its core employees to manage the Project operation activities at the site. In addition, the management team has served both Nhon Hoa 1 and Nhon Hoa 2 Projects. To avoid double counting the number of personnel for each individual Project now is only counted once for this SDG. ☐ In the 5 months period 01/01/2025-31/05/2025, the Project Company has started its new development of new substation at the site, therefore, they re-appointed their internal staff to meet the necessary requirements and activities, ensuring the progress and quality of the Project's work. For more details, please refer to the Monitoring Report version 1.2, the ER spreadsheet version 1.2, and the SDG Impact Tool version 1.2, which have been updated with the corresponding number of employees.				
Documentation provided by project participant				
Updated List of employees working on the Nhon Hoa 1 Wind Power Project in 2023, 2024, and 2025.				
VVB assessment				**Date:** 20/07/2024

The updated employee lists is provided to the verification team which clearly separated for Nhon Hoa 1 and Nhon Hoa 2, have been made available to the Verifier. These updates support the Project's continued contribution to SDG 8 – Decent Work and Economic Growth. The Project's approach emphasizes sustaining long-term employment and income stability for its existing workforce, rather than focusing on the creation of new local jobs. This strategic approach enhances the quality and stability of employment, contributing to workforce development and improved long-term employability for staff. In the approved PDD estimates 27 staff per year for the Project. While the number of staff recorded in 2023 and 2024 is lower than this benchmark, this is attributed to temporary internal human resource optimizations. The Project, having been in stable operation for over four years, required fewer on-site personnel. Internal staffing was restructured for efficiency, with a core team managing operational responsibilities across both Nhon Hoa 1 and Nhon Hoa 2, and shared personnel counted only once to avoid duplication in SDG reporting. In contrast, the actual staffing level for the first five months of 2025 slightly exceeded the PDD estimation. This increase is due to the commencement of a new substation development at the site, prompting the reallocation of internal staff to meet the project's expanded technical and operational demands. This demonstrates flexibility in human resource deployment based on actual project requirements and maintains alignment with the PDD's long-term projections.

All supporting documents, including the Monitoring Report , ER spreadsheet, and SDG Impact Tool , have been updated accordingly, and detailed lists of personnel involved in Nhon Hoa 2 activities for 2023, 2024, and 2025 are provided for verification. The Project's overall approach remains reasonable, verifiable, and satisfactorily aligned with its sustainable development objectives. Hence this finding has been closed.

Table 3. CAR from this verification

CAR ID	01	Section no.	Table 1 of MR	Date: 04/07/2025
Description of CL				
As per the filling guideline of the MR template, PP shall provide the total number of the amount sustainable development contributions achieved during the monitoring period. In context of the above requirement, during the review of the monitoring report of the project. It was observed that the total amount of sustainable development contributions achieved under SDG 4 (Quality Education) during the monitoring period was not clear throughout the Monitoring Report.				
Project participant response				**Date:** 11/07/2025
As requested, the total amount of sustainable development contributions achieved under SDG 4 during the monitoring period has been revised and updated accordingly in the entire Monitoring Report version 1.2, ER spreadsheet version 1.2, and SDG Impact Tool version 1.2.				
Documentation provided by project participant				
Revised MR				
VVB assessment				**Date:** 20/07/2025

PP has now corrected the MR, hence this finding has been closed.

CAR ID	02	**Section no.**	Section F	**Date: 04/07/2025**
Description of CL				
During the assessment of the Monitoring Report, PP is requested to provide the correct link for Safeguard Principle 9.5 – Compliance with Applicable Laws: 1. The footnote reference for “Decree No. 08/2022/ND-CP” is either missing, non-functional, or invalid. 2. The footnote reference for “Circular No. 02/2022/TT-BTNMT” is also missing or invalid.				
Project participant response				**Date:** 11/07/2025
The footnote reference for “Decree No. 08/2022/ND-CP” and “Circular No. 02/2022/TT-BTNMT” have been corrected to ensure they are properly linked and functional in the Safeguard Principle 9.5 of the Monitoring Report version 1.2.				
Documentation provided by project participant				
Revised MR				
VVB assessment				**Date:** 20/07/2025
PP has now corrected the MR,Link is acceable now. Hence, this finding has been closed.				

CAR ID	03	**Section no.**	ER Sheet	**Date:** 04/07/2025
Description of CAR				
During the on-site visit, while reviewing ER sheet and supporting documents, it was observed that there is a difference of 37 VER during the monitoring period. PP is requested to review the accuracy of the calculation considering the conservative approach.				
Project participant response				**Date:** 11/07/2025
The ER spreadsheet has been thoroughly reviewed, and all calculations have been revised in accordance with the recommended methodological approach. Accordingly, the quantity of net electricity generation (NET MWh - SDG 7) and Greenhouse Gas (GHG) emission reductions (VERs - SDG 13) have been updated throughout in entire Monitoring Report version 1.2, ER spreadsheet version 1.2, and SDG Impact Tool version 1.2.				
Documentation provided by project participant				
Monitoring report and ER sheet.				
VVB assessment				**Date:** 20/07/2025
PP has now provided the revised ER sheet and monitoing report, the same has beem accepatble to the verification team. Hence this finding has been closed.				

Table 4. FAR from this verification

FAR ID	01	Section no.	D 8.6	Date: 30/10/2025
Description of CL				
During verification of the period starting from 01/01/2025–31/05/2025 with inclusion of both dates the verifying VVB observed that the change in the achieved emission reduction exceeded the sensitivity analysis range of ±10%. This change has not been fully assessed for its impact on emission reductions. The project participant shall investigate and provide evidence and/or corrective measures to demonstrate that the change does not adversely affect the monitored and verified emission reductions. The response shall be submitted for review during the next verification event. FAR raised at first reported instance; remains valid throughout the crediting period for ongoing tracking.				
Project participant response				Date:
Documentation provided by project participant				
VVB assessment				Date:

Appendix 3: Information Reference List / Documents reviewed

Document S. No	Title or Content
/01/	Monitoring report (version 1.4)
/02/	ER sheet (version 1.2)
/03/	PDD (Version 3)
/04/	SDG Impact Tool
/05/	Meter readings records
/06/	electricity sales invoices.
/07/	Calibration certificates of meters
/08/	Commercial operation certificate.
/09/	Employment records
/10/	Annual internal training.
/11/	Technical specification of both turbines
/12/	Single line diagram
/13/	Manual monitoring plan. • Monitoring Manual • Emergency response • Sop
/14/	Safety performance report
/15/	Occupational health safety plan
/16/	Health safety training record
/17/	Environmental protection report
/18/	Waste collection contracts
/19/	Grievance book
/20/	Connection agreement.
/21/	Electricity generation certificates
/22/	Equipment supply contract

/23/	Power purchase agreement
/24/	Environmental protection management
/25/	Data published by vietnam for emission factor
/26/	Annual report
/27/	Contact information of suggestion.
/28/	Wind speed data monitoring record.

Ref No	Reference document
/B01/	Gold Standard Principles and Requirements Version 2.1
/B02/	GS Validation and Verification Body Requirement Version 2.0
/B03/	GS Validation and Verification Standard Version 2.0
/B04/	Site Visit and Remote Audit Requirements and Procedures Version 2.0
/B05/	ACM0002-Grid-connected electricity generation from renewable sources Version 21.0
/B06/	Monitoring report form and related monitoring report template guide

Appendix 4: Competence of team members and technical reviewers

CERTIFICATE ◆ CERTIFICATO ◆ 証明書 ◆ CERTIFICADO ◆ CERTIFICATE ◆ ZERTIFIKAT

CERTIFICATE OF APPOINTMENT

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

Qualification Details

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

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

Country Expertise: India

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

Issued on: 01-08-2025

Valid until: 17-07-2026

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

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

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

Issued By
Quality Manager

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

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CERTIFICATE ◆ CERTIFICATO ◆ 証明書 ◆ CERTIFICADO ◆ CERTIFICATE ◆ ZERTIFIKAT

CERTIFICATE OF APPOINTMENT

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

Qualification Details

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

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

Country Expertise: India

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

Issued on: 10-06-2025

Valid until: 11-05-2026

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

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

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

Priya Suman

Issued By
Quality Manager

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CERTIFICATE ◆ CERTIFICATO ◆ 証明書 ◆ CERTIFICADO ◆ CERTIFICATE ◆ ZERTIFIKAT

CERTIFICATE OF APPOINTMENT

Mr. Tran Minh Tai fulfills the requirements of the Environment and Energy Certification Body of **TÜV SÜD South Asia Pvt Ltd** to participate in audits.

Qualification Details

Standard	Sectoral Scope	Technical Area	Technical Area Description	Role
-	-	-	-	CE

Country Expertise: Vietnam

Certificate Number: CB-IND-CCP-0074/001

Issued on: 13/03/2025

Valid until: 12/03/2026

Version	Date	Reason for Revision
01	13/03/2025	Initial appointment

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

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

Issued By
Quality Manager

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

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CERTIFICATE ◆ CERTIFICATO ◆ 証明書 ◆ CERTIFICADO ◆ CERTIFICATE ◆ ZERTIFIKAT

CERTIFICATE OF APPOINTMENT

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

Qualification Details

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

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

Country Expertise: India

Certificate Number: CB-IND-CCP-0067/004

Issued on: 01/08/2025

Valid until: 25/11/2025

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

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

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

Priya Suman

Issued By
Quality Manager

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

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Appendix 5: Assessment of the SDG TOOL.

GSDM-I13.2.1

	Project details (Project developer response)	**VVB Assessment**
Monitoring indicator ID	GSDM-I13.2.1	PP has applied the GSDM – I13.2.1 monitoring indicator for the reduction of GHG emission. Verification team has checked the calculation method, value applied from the net electricity and the grid emission factor in the emission reduction excel sheet. The calculation of the indicator has been done according to ACM0002. The verification team confirm that the project developer has correctly applied the SDG 13.2.1 indicator.
Impact indicator	Reduction in GHG emissions	
Impact category	Climate change mitigation	
SDG	13.Climate action.	
SDG target	13.2 integrate climate change meausure into national policies,strategies and planning.	
Description	Refers to total amount greenhouse gases avoided sequestered during the reporting period.	
Guidance, calculation method and other consideration	To quantify total GHGs emission reductions (ERs) avoided or sequestered, the project shall use an applicable GHG quantification methodology. The project shall use the validated and/or verified number of emission reductions units as provided in registered project design document or monitoring report, as applicable. Ex - ante estimation - use the ER units estimated by applying GHG methodology for baseline and project emissions. Ex - post estimation - use the ER units verified at the time of performance review.	
Data unit	tCO2eq	
Source of data	Project activity	
Measurement procedure	calculation	
Monitoring frequency	annual	
Reference value	NA	

Additional reference sources	Gold Standard approved SDG Impact Quantification methodologies are available at https://globalgoals.goldstandard.org/	

GSDM-I4.4.1

	Project details (Project developer response)	**VVB Assessment**
Monitoring indicator ID	GSDM-I4.4.1	PD has applied the GSDM - I4.4.1 for Skill development. The verification team assessed that total number of people got training in this monitoring period is 64. The same has been verified by training records and onsite interview.
Impact indicator	Skill development	
Impact category	Capacity building	
SDG	4. Quality education	
SDG target	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	
Description	Refers to the number of employees (full-time, part-time, or temporary), by gender who received training services of any type via project during the reporting period.	
Guidance, calculation method and other consideration	It refers to the number of individual employees, by gender who received training of any type via project during the reporting period. Training can be categorized as: (1) skills-based training to advance core job responsibilities (enhancing employees' ability to do their jobs effectively); (2) skills-based training on cross-job functions (training beyond regular job responsibilities, enabling employees' to advance in their professions); (3) training on literacy, communications, and other life skills; or (4) trainings related to diversity and inclusion (for example, training on implicit bias or sexual harassment). Project should	

	footnote details on the training(s) provided, including the type. Project should footnote the types of training provided and duration of training(s), with particular emphasis on those that lead to recognized certifications.	
Data unit	Number	
Source of data	Project activity	
Measurement procedure	Training count provided in the reporting period.	
Monitoring frequency	Annual	
Reference value	NA	
Additional reference sources	IRIS, 2020. Employees Trained (OI4229). v5.1. https://iris.thegiin.org/metric/5.1/oi4229/	

GSDM-I7.2.1

	Project details (Project developer response)	**VVB Assessment**
Monitoring indicator ID	GSDM-I7.2.1	PD has applied the GSDM – I7.2.1 monitoring indicator for the Renewable energy generation. The verification team confirmed the value of renewable energy
Impact indicator	Renewable energy generation	
Impact category	Energy generation, efficiency & access	
SDG	7. Affordable and clean energy	

SDG target	7.2 By 2030, increase substantially the share of renewable energy in the global energy mix	generated during the monitoring period along with Supporting invoices and ER sheet.
Description	Refers to net electricity production from renewable sources. Renewable energy sources include solar, wind, geothermal, hydro energy, biomass, and other forms such as from ocean, biofuels, and hydrogen derived from renewable resources. It also covers electricity production from renewable (organic fraction) of municipal waste.	
Guidance, calculation method and other consideration	User should provide details of quantity of net electricity generation that is produced and fed into the grid and/or consumed internally as a result of the implementation of the project activity. Disaggregation of data on consumption of renewable energy by resource and end-use sector could provide insights into other dimensions of the goal, such as affordability and reliability. For solar energy, it may also be useful to disaggregate between grid and off-grid capacity.	
Data unit	MWh	
Source of data	Project activity	
Measurement procedure	Electricity meters	
Monitoring frequency	Continuous measurement	
Reference value	NA	

Additional reference sources	NA	

GSDM-I8.5.1

	Project details (Project developer response)	**VVB Assessment**
Monitoring indicator ID	GSDM-I8.5.1	PD has applied the GSDM – I8.5.1 monitoring indicator for the Increased employment opportunities. Verification team confirms that the project activity is providing job opportunity to 29 people during the time of monitoring period and Average annually staffs are 23-29 staffs,. Same has been verified with employeement record and onsite audit.
Impact indicator	Increased employment opportunities	
Impact category	Employment	
SDG	8. Decent work and economic growth	
SDG target	8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	
Description	Refers to total jobs generated as a result of the project.	
Guidance, calculation methods and other consideration	The project shall disclose the following information i. Total number of employees by employment contract (permanent and temporary), by gender. ii. Total number of employees by employment type (full-time and part-time), by gender. Breaking down these data by gender enables an understanding of gender representation Employee contract refers to	

	contract as a recognized under national law or practice that can be written, verbal, or implicit (that is, when all the characteristics of employment are present but without a written or witnessed verbal contract) Full-time: A 'full-time employee' is an employee whose working hours per week, month, or year are defined according to national legislation and practice regarding working time (such as national legislation which defines that 'full-time' means a minimum of nine months per year and a minimum of 30 hours per week). Part-time: A 'part-time employee' is an employee whose working hours per week, month, or year are less than 'full-time' as defined above.	
Data unit	Number	
Source of data	Project activity	
Measurement procedure	Either head count or Full Time Equivalent (FTE), with the chosen approach stated and applied consistently Use numbers as at the end of the reporting period, unless there has been a material change during the reporting period;	
Monitoring frequency	Annual	
Reference value	NA	
Additional reference sources	GRI 102: General Disclosures	