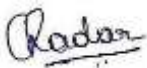




Verification and certification report form for GS project activities		
BASIC INFORMATION		
Title and reference number of the project activity	Title: BIM Solar Farm GS reference number: GS7525	
Scale of the project activity	☒ Large-scale ☐ Small-scale	
GS Version applicable	GS4GG	
Version number of the verification and certification report	01	
Completion date of the verification and certification report	21/05/2026	
Monitoring period number and duration of this monitoring period	Monitoring period number: 01 (second crediting period) Duration of this monitoring period: 01/06/2024 to 28/02/2026 (both dates inclusive)	
Version number of the GS monitoring report to which this report applies	Version 3, dated 20/05/2026	
Crediting period of the project activity corresponding to this monitoring period	Renewable crediting period: 01/06/2024 – 31/05/2029	
Project Representative	BIM Renewable Energy Stock Company BIM Renewable Energy Joint Stock Company (BIMRE) – Vietnam	
Host Party	Vietnam	
Applied methodologies and standardized baselines	Methodology: CDM-ACM0002: Grid-connected electricity generation from renewable sources - Version 21.0 Standardized baseline: N/A	
Mandatory sectoral scopes	Sectoral Scope 1: Energy industries (Renewable - / non-renewable sources)	
Conditional sectoral scopes, if applicable	NA	
Estimated amount of SDG impact (as per GS PDD)	SDG	Values estimated in ex ante calculation of approved PDD Products for this monitoring period
	SDG 7	2024: 391,530 2025: 671,195 2026: 111,866 MWh
	SDG 8	Jobs: 82 Training: 2 Employees/Year Numbers
	SDG 13	2024: 315,172 2025: 540,295 tCO2

	2026: 90,049		
Total amount of certified SDG impact achieved in this monitoring period	SDG	Actual values achieved during this monitoring period	Units/ Products
	SDG 7	2024: 328,653	MWh
		2025: 587,821	
		2026: 105,015	
	SDG 8	63 jobs	Employees
		21 Trainings	Trainings
SDG 13	2024: 264,557	tCO2	
	2025: 473,181		
	2026: 84,534		
Name and UNFCCC reference number of the VVB	4K Earth Science Private Limited UNFCCC Ref. No.: A6.4E-0006		
Name, position and signature of the approver of the verification and certification report	 Chandrakala R. Managing Director		



SECTION A. Executive summary

>>

4K Earth Science Private Limited has been commissioned by “BIM Renewable Energy Stock Company” to perform an independent GS verification of its registered GS project, “BIM Solar Farm”, GS ref. no. 10809 for the reported GHG emission reductions for the given 1st monitoring period 01/06/2024 to 28/02/2026 (both dates included). The GS projects must undergo independent third-party verification and certification of emission reductions as the basis for issuance of Emission Reductions (GS VERs).

The objectives of this verification exercise are, by review of objective evidence, to establish that:

- The project activity has been implemented and operated as per the approved GS PDD /21/ and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place;
- Monitoring report and other supporting documents are complete;
- The actual monitoring systems & procedures and monitoring report conforms with the requirements of the registered monitoring plan and the approved monitoring methodology;
- The data is recorded and stored as per the monitoring methodology and registered monitoring plan.

Scope:

The scope of the verification is the independent and objective review and ex post determination of the monitored reductions in GHG emission by the project activity. The verification is based on review of monitoring report, supporting information and

- a) The approved GS PDD including the monitoring plan and the corresponding Validation report;
- b) Monitoring report for the monitoring period under verification including VER calculations sheets and all supporting documents;
- c) The applied monitoring methodology;
- d) Relevant decisions, clarifications and guidance from the CMP and the GS;
- e) All information and references relevant to the project activity's resulting in emission reductions;
- f) The project is assessed against the requirements of the Kyoto Protocol, GS guidelines, the CDM Modalities and Procedures and related rules and guidance.

4K EARTH SCIENCE PRIVATE LIMITED has, based on the recommendations in the latest version of CDM Validation and Verification Standard for project activity, employed a rule-based approach in the verification, GS Validation and Verification Standard /31/, focusing on the identification of significant reporting risks and the reliability of project monitoring.

Description of project

The “BIM Solar Farm” involves the construction and operation of a large-scale solar photovoltaic (PV) plant of 405 MW_{DC} in Phuoc Ninh & Phuoc Minh Commune, Thuan nam District, Ninh Thuan Province, Vietnam. The running capacity has been verified from the SCADA screenshots /14/ and found within limit. It is connected to the national grid as verified during the site visit, single line diagram /11/ and the signed PPA /07/.

The team has conducted interviews on 31/03/2026 site visit to confirm the implementation and operation of the project activity. The technical specification of the project activity is verified from the supporting documents /05/, Commissioning certificates /06/ and Photos /14/ etc.

As per approved GS PDD /21/, the generated electricity is sold to national grid, bound by PPA /07/. For the current monitoring period, the generated electricity is sold to national grid as evidenced from electricity reports /08/ and invoices /09/.

The Project site is located in Phuoc Ninh & Phuoc Minh Commune, Thuan nam District, Ninh Thuan Province, Host country: Vietnam.

The GPS coordinates of the project site are correct as verified from the web /24/.

Major Corner GPS Coordinates	
18E	18S
• E1 – 11.44853, 108.89506	• S1 – 11.40232, 108.87579

• E2 – 11.44347, 108.90312 • E3 – 11.43871, 108.90066 • E4 – 11.43945, 108.89845 • E5 – 11.44422, 108.89818 • E6 – 11.44192, 108.89445	• S2 – 11.40244, 108.8775 • S3 – 11.40046, 108.87753 • S4 – 11.40105, 108.87928 • S5 – 11.40046, 108.87753 • S6 – 11.40105, 108.87928 • S7 – 11.40008, 108.87936 • S8 – 11.39916, 108.87739 • S9 – 11.39797, 108.87775 • S10 – 11.39864, 108.87886 • S11 – 11.39814, 108.88152 • S12 – 11.39673, 108.88139 • S13 – 11.39667, 108.88311 • S14 – 11.40119, 108.88264 • S15 – 11.40059, 108.8853 • S16 – 11.39942, 108.88504 • S17 – 11.39915, 108.88617 • S18 – 11.3929, 108.88511
18N • N1 – 11.43961, 108.87468 • N2 – 11.44349, 108.86501 • N3 – 11.44432, 108.86175 • N4 – 11.4526, 108.8618 • N5 – 11.45295, 108.86721 • N6 – 11.45785, 108.87063 • N7 – 11.46102, 108.87072 • N8 – 11.45997, 108.87973	
18NX • NX1 – 11.44297, 108.86535 • NX2 – 11.4428, 108.8626 • NX3 – 11.44061, 108.86063 • NX4 – 11.43733, 108.86123 • NX5 – 11.43422, 108.87118 • NX6 – 11.43413, 108.87324 • NX7 – 11.43497, 108.875 • NX8 – 11.43724, 108.87496 • NX9 – 11.43926, 108.87384	

Methodology:

4K Earth Science Private Limited follows a rule-based verification approach, wherein, as a first step, the contract review is undertaken as per latest version of CDM Accreditation Standard. A desk review of the project documentation is undertaken, which is followed by an audit by the members of verification team in accordance with the latest version of GS PRINCIPLES & REQUIREMENTS. The verification protocol is filled by the verification team that is based on standard auditing practices and version 03 of CDM VVS for project activity, to capture the assessment of applicable CDM requirements viz., version 03 of CDM Project Standard for project activity/22/, GS Validation and Verification Standard /31/, approved GS PDD/33/, applied methodology/20/, applied standardized baseline and/or tools and recent decisions. The verification protocol provides transparent means to record the observations and compliances by the verification team members and the nonconformities, if any. The verification protocol is an internal document, and is available on request. Following are the major milestones for the verification under consideration.

Contract Signed	13/03/2026
Audit	31/03/2026
Draft Verification Report	27/04/2026
Final Verification Report	11/05/2026

4K Earth Science Private Limited confirms that the monitoring system is in place and the emission reductions are calculated without material misstatements.

Based on the information seen and evaluated we confirm that the implementation of the project has resulted following SDG impacts during period 01/06/2024 to 28/02/2026 (Including both the days).

SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit
7	Affordable & Clean Energy	822,272 tCO ₂	0	822,272 tCO ₂
8	Decent Work & Economic Growth	0	1,021,489 MWh	1,021,489 MWh
13	Climate Action	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21

SECTION B. Verification team, technical reviewer and approver

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/document review	On-site inspection	Interviews	Verification findings
1.	Team Leader and Technical Expert (TA 1.2) (GS Approved Auditor)	IR	S	Stalin	4KES - Central Office	✓	✓	✓	✓
2.	Team Leader and Technical Expert (TA 1.2) (Under Observation) (GS Approved Auditor)	IR	K	Gurubalaji	4KES - Central Office	✓	✓	✓	✓
3.	Local Expert & Technical Expert (TA 1.2)	ER	Hang	Pham Minh	4KES - Central Office	✓	✓	✓	✓

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 & Expert (TA 1.2) (GS Approved Auditor)	EI	Sharma	Chetan Swaroop	4KES - Central Office
2.	Approver	IR	R	Chandrakala	4KES - Central Office

SECTION C. Means of verification

C.1. Desk/document review

>> A desk review is undertaken, involving but not limited to,

- A review of the data and information presented to verify their completeness;
- A review of the monitoring plan and monitoring methodology, paying attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures;

- An evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.

The list of documents reviewed is included in the section 'Appendix 3' of this report.

C.2. Interviews

Verification team has conducted the physical site visit interviews by Technical Expert and Local Expert along with the team leader and verifier. Along with desk review, audit team has conducted interview as follows

- A complete desk review of the MR, as well as all applicable country legal requirement and supportive evidences have been checked by the verification team.
- Verification team has performed interviews with PP representative/O&M team representative/Stakeholders in order to check implementation, project boundary, current situation, evaluation of data management, QA/QC system, monitoring and metering equipment, monitoring procedures, calibration, Sustainable development, Grievance mechanism etc.
- Cross checks between information provided by interviewed personnel (i.e. by checking sources) to ensure that no relevant information has been omitted.
- Cross-check evaluation, for information received from interviews, under the scope of all information and references provided in MR and supporting documents.

Details of interviewees, topics covered and additional information presented in the below table.

Duration of on-site inspection: 31/03/2026				
No.	Activity performed on-site	Site location	Date	Team member
1.	Operational and implementation data, GS Requirements, Data collection, Calibration Requirements, Monitoring and data recording, Issues in the MR and ER calculation, Training and practice of the operational personnel, Grievance mechanism, Environmental and social issues, Sustainable development parameters etc.	The Project site is located in Phuoc Ninh & Phuoc Minh Commune, Thuan nam District, Ninh Thuan Province, Host country: Vietnam.	31/03/2026	Stalin S, Gurubalaji K, Pham Minh Hang

C.3. Interviews

No .	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Longi ngyuiec	Phuice aur	Superior O&M	31/03/2026	Operational and implementation data, GS Requirements, Data collection, Calibration Requirements, Monitoring and data recording, Issues in the MR and ER calculation, Training and practice of the operational personnel, Grievance mechanism, Environmental and social issues, Sustainable development parameters etc.	Stalin S, Gurubalaji K, Pham Minh Hang
2.	Nagryen	Tutuauc	Asst.dir, BIM solar			
3.	Mauliahc	aliac	Plant specialist			
Stakeholders:						
4.	Y	Galnee	Leader of village			
5.	Hoyang thi	Yen	Village people			
6.	HL mingh	Ayuir	Leader of women part			
Consultant:						
7.	Thiruvalan	P	Project manager,C&W services			

C.4. Sampling approach

>> No Sampling Approach is used during this verification.

C.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

During the course of verification, the findings may be raised as under;

CAR is raised if one of the following occurs:

- Non-compliance with the monitoring plan or methodology are found in monitoring and reporting and has not been sufficiently documented by the Project Representative (BIM solar), 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 Representative (BIM solar);
- 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(s) have not been resolved by the Project Representative (BIM solar).

Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable CDM requirements have been met.

FAR is raised during verification if the monitoring and reporting require attention and/or adjustment for the next verification period.

The verification report contains (Appendix 4) all CARs, CLs and FARs raised during this verification in transparent manner and provides clear information of the issues raised, response received and its resolutions, including the changes in the documents. Total 04 CAR, 05 CLs and 01 FAR are raised in this verification report.

SECTION D. Verification findings

D.1. Compliance of the monitoring report with the monitoring report form

Means of verification	Verification team checked the GS monitoring report /02/ with “GS template” /23/ and found OK.
Findings	No finding raised.
Conclusion	Verification team confirms that final GS monitoring report /02/ is completed using the latest valid version of the applicable monitoring report form /23/.

D.2. Remaining forward action requests from validation and/or previous verifications

>

The current verification is for the 1st monitoring period of the project activity in second crediting period. One FAR was raised during the GS review for renewal of crediting period design certification Refer Appendix 4 of this report for more details.

D.3. Compliance of the project implementation and operation with the registered project design document

Means of verification	The “BIM Solar Farm” involves the construction and operation of a large-scale solar photovoltaic (PV) plant in Phuoc Ninh & Phuoc Minh Commune, Thuan nam District, Ninh Thuan Province, Vietnam. The construction and operational responsibilities are defined under the Installation Agreement between the Project Representative (BIM solar) and BIM Renewable Energy Stock Company /16/. The running capacity has been verified from the SCADA screenshots /14/ and found within limit. It is connected to the national grid as verified during the site visit, single line diagram /11/ and the signed PPA /07/. The team has conducted interviews on 31/03/2026 and Physical site visit to confirm the implementation and operation of the project activity. The technical specification
------------------------------	--

of the project activity is verified from the supporting documents /05/, Commissioning certificates /06/ and Photos /14/ etc.

As per approved GS PDD /21/, the generated electricity is sold to national grid, bound by PPA /07/. For the current monitoring period, the generated electricity is sold to national grid as evidenced from electricity reports /08/ and invoices /09/.

The Project site is located in the Phuoc Ninh & Phuoc Minh Commune, Thuan nam District, Ninh Thuan Province, Vietnam.

The GPS coordinates of the project site are correct as verified from the web /24/.

Major Corner GPS Coordinates

18E - E1 – 11.44853, 108.89506 - E2 – 11.44347, 108.90312 - E3 – 11.43871, 108.90066 - E4 – 11.43945, 108.89845 - E5 – 11.44422, 108.89818 - E6 – 11.44192, 108.89445	18S - S1 – 11.40232, 108.87579 - S2 – 11.40244, 108.8775 - S3 – 11.40046, 108.87753 - S4– 11.40105, 108.87928 - S5– 11.40046, 108.87753 - S6 – 11.40105, 108.87928 - S7 – 11.40008, 108.87936 - S8 – 11.39916, 108.87739 - S9 – 11.39797, 108.87775 - S10 – 11.39864, 108.87886 - S11 – 11.39814, 108.88152 - S12 – 11.39673, 108.88139 - S13 – 11.39667, 108.88311 - S14 – 11.40119, 108.88264 - S15 – 11.40059, 108.8853 - S16 – 11.39942, 108.88504 - S17 – 11.39915, 108.88617 - S18 – 11.3929, 108.88511
18N - N1 – 11.43961, 108.87468 - N2 – 11.44349, 108.86501 - N3 – 11.44432, 108.86175 - N4 – 11.4526, 108.8618 - N5 – 11.45295, 108.86721 - N6 – 11.45785, 108.87063 - N7 – 11.46102, 108.87072 - N8 – 11.45997, 108.87973	
18NX - NX1 – 11.44297, 108.86535 - NX2 – 11.4428, 108.8626 - NX3 – 11.44061, 108.86063 - NX4 – 11.43733, 108.86123 - NX5 – 11.43422, 108.87118 - NX6 – 11.43413, 108.87324 - NX7 – 11.43497, 108.875 - NX8 – 11.43724, 108.87496 - NX9 – 11.43926, 108.87384	

Based on site visit, photos /14/ and document review /05/, /06/, /07/, /08/, /09/, /10/, /11/, /13/, /18/ and /19/, the verification team confirms that all physical features of the GS project activity including technology, data collection systems and storage systems have been implemented in accordance with the approved GS PDD /21/.

The current monitoring period i.e.01/06/2024 – 28/02/2026 (including both the days) is within the 2nd crediting period i.e. 01/06/2024 – 31/05/2029 (including both the days) which is accepted to the verification team.

	The verification team, based on the Microsoft team interview/site visit and document review, was able to conclude that the project activity has been commissioned and implemented as per the approved GS PDD /21/. Operation and maintenance of the project was done by BIM Renewable Energy Stock Company as verified from the agreement /13/. There was no major shutdown but certain incidents were confirmed during this monitoring period as verified from the site visit interviews, Monthly O&M reports /32/ and the monthly electricity reports /08/. There is no event or situation occurred during this monitoring period which has impacted the applicability of methodology /20/. The allocation of the responsibilities is followed as described in the approved GS PDD /21/. Routines for the archiving of data are defined and documented. Calculations, laid down in the monitoring report are in line with approved GS PDD /21/. Project employees have the necessary competence to carry out the relevant tasks with sufficient accuracy as verified from the Organizational Chart and training certificates /12/. Interviews (refer section C.3 of this report) were carried out with the PP representative to verify the actual monitoring system practiced by PP. It was found that the plant personals are well aware of their roles & responsibilities. The actual monitoring system presently practiced complies with the monitoring plan provided in the approved GS PDD /21/ and the monitoring methodology /20/. The monitored data are archived partly in physical (hard copy) and partly in electronic form. The archived data will be kept for the whole crediting period and 2 years after the crediting period. Project activity is registered under GS only GS VERs are claimed for this monitoring period i.e.01/06/2024 – 28/02/2026 (both dates included) which is also confirmed from the declaration /15/. The project developer declared that no double issuance has been requested for the same monitoring period. The same is confirmed from the CDM webpage (https://cdm.unfccc.int/Projects/DB/CarbonCheck_Cert1614349893.36/view). Project is not included in any national or international emissions trading program or binding emission limit as confirmed from the weblinks /27/, /28/, /29/, /30/.
Findings	No finding raised.
Conclusion	The verification team confirms that: - The project activity is implemented as per the approved GS PDD /21/. - The actual operation of the project activity is in line to the approved GS PDD /21/. - It has been reviewed from the approved GS PDD /21/ including the monitoring plan, the applied monitoring methodology, relevant decisions from the CMP and the CDM EB and found that the Final GS MR /02/ for this monitoring period is in line with all the above-mentioned documents.

D.4. Post-Design Certification changes

D.4.1. Temporary deviations from the approved Monitoring & Reporting Plan, methodology or standardized baseline

>> There is no temporary deviation to be submitted with this request for issuance. Therefore, this section is not applicable.

D.4.2. Corrections

There are no corrections to be submitted with this request for issuance.

D.4.3. Changes to start date of crediting period

>> There is no change to the start of crediting period to be submitted with this request for issuance. Therefore, this section is not applicable.

D.4.4. Permanent changes from the Design Certified monitoring plan, applied methodology or applied standardized baseline

>> There is no permanent change to be submitted with this request for issuance. Therefore, this section is not applicable.

D.4.5. Changes to project design of approved project

>> There is no change to the project design to be submitted with this request for issuance. Therefore, this section is not applicable.

D.5. Compliance of the registered monitoring plan with applied methodologies, applied standardized baselines, and other applied methodological regulatory documents

Means of verification	The verification team was able to confirm that the monitoring plan contained in approved GS PDD /21/ and GS MR /02/ is in accordance with the approved methodology applied for the project activity i.e. "ACM 0002 - Grid-connected electricity generation from renewable sources - Version 21.0" /20/ and its applicable tools. All parameters stated in the monitoring plan /21/ and the applied methodology /20/ have been fulfilled in the current monitoring period. The discussion regarding each parameter has been elaborated in the further sections of this Verification report.
Findings	No finding raised.
Conclusion	As per para 357 and 358 of CDM VVS for project activity version 03.0 /22/, In the opinion of the verification team the monitoring plan of the approved GS PDD /21/ complies with the monitoring requirement of the applied approved methodology "ACM 0002 - Grid-connected electricity generation from renewable sources - Version 21.0" /20/ in the context of the project activity.

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

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

Means of verification	Relevant Indicator/Safeguarding Principle	SDG	13: Take urgent action to combat climate change and its impacts
	Ex-ante Parameter, Unit and description:		EF _{grid,OM,y} (Operating Margin CO2 emission factor for the electricity system in year y")
	Value(s) applied):		0.9334 ¹ tCO ₂ /MWh Source: Approved GS PDD /21/ and The Ministry of Natural Resource and Environment (MONRE) has obtained the historical data from "National electricity system regulation centre" and calculated the emission factor/36/
	Source and Verification of the source:		Department of Climate Change, Vietnam It is fixed for the entire crediting period as per the approved GS PDD /21/. The value has been correctly taken and hence, accepted by the verification team.

¹ [http://www.dcc.gov.vn/van-ban-phap-luat/1111/Nghien-cuu,-xay-dung-he-so-phat-thai-\(EF\)-cua-luoi-dien-Viet-Nam-nam-2021-\(k%C3%A8m-CV-327/BDKH-PTCBBT\).html](http://www.dcc.gov.vn/van-ban-phap-luat/1111/Nghien-cuu,-xay-dung-he-so-phat-thai-(EF)-cua-luoi-dien-Viet-Nam-nam-2021-(k%C3%A8m-CV-327/BDKH-PTCBBT).html)

	Relevant Indicator/Safeguarding Principle	SDG	13: Take urgent action to combat climate change and its impacts
	Ex-ante Parameter, Unit and description:		$EF_{grid,BM,y}$ (Build Margin CO ₂ emission factor for the electricity system in year y")
	Value(s) applied):		0.4197 ² tCO ₂ /MWh Source: Approved GS PDD /21/ and The Ministry of Natural Resource and Environment (MONRE) has obtained the historical data from "National electricity system regulation centre" and calculated the emission factor/36/
	Source and Verification of the source:		Department of Climate Change, Vietnam It is fixed for the entire crediting period as per the approved GS PDD /21/. The value has been correctly taken and hence accepted by the verification team.
	Relevant Indicator/Safeguarding Principle	SDG	13: Take urgent action to combat climate change and its impacts
	Ex-ante Parameter, Unit and description:		$EF_{grid,CM,y}$ (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")
	Value(s) applied):		0.8050 tCO ₂ /MWh Department of Climate Change, Vietnam Source: Approved GS PDD /21/ and The Ministry of Natural Resource and Environment (MONRE) has obtained the historical data from "National electricity system regulation centre" and calculated the emission factor/36/
	Source and Verification of the source:		Department of Climate Change, Vietnam It is fixed for the entire crediting period as per the approved GS PDD /21/. The value has been correctly taken and hence accepted by the verification team.
Findings	CAR01 is raised and closed successfully.		
Conclusion	As per para 360 to 361 of CDM VVS for project activity version 03.0 /22/, the verification team confirms that the ex-ante parameter used for emission reduction calculation is consistent with approved GS PDD /21/ and correctly applied in GS MR /02/ and emission reduction spread sheet /04/ and justified.		

D.6.2. Data and parameters monitored

Means of verification	Verification team confirms through Site visit verification and from the document review, the actual monitoring system complies with the monitoring plan mentioned in the approved GS PDD /21/. During the verification, all relevant monitoring parameters 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.
------------------------------	--

² [http://www.dcc.gov.vn/van-ban-phap-luat/1111/Nghien-cuu,-xay-dung-he-so-phat-thai-\(EF\)-cua-luoi-dien-Viet-Nam-nam-2021-\(k%C3%A8m-CV-327/BDKH-PTCBT\).html](http://www.dcc.gov.vn/van-ban-phap-luat/1111/Nghien-cuu,-xay-dung-he-so-phat-thai-(EF)-cua-luoi-dien-Viet-Nam-nam-2021-(k%C3%A8m-CV-327/BDKH-PTCBT).html)

	All monitoring parameters have been measured / determined without material misstatements and are in line with all applicable standards and relevant requirements.																									
	Complete set of data for the specified monitoring period (01/06/2024 to 28/02/2026) was available.																									
	The assessment for each monitoring parameter is given below:																									
	1. Data/Parameter																									
	Monitoring Parameter Requirement	Assessment/Observation by the VVB																								
	Relevant SDG Indicator/Safeguarding Principle	SDG7: Indicator: 7.2.1 – Renewable energy share in the total final energy consumption																								
	Data/parameter:	Gross power generation																								
	Unit	MWh/yr																								
	Description	Quantity of electricity generated and supplied by the project power plant to the grid in year y																								
	Source of data	Standard metering of the net electricity supplied to the grid as indicated in the Power Purchase Agreement (PPA) The verification team has verified all the electricity bills /09/, Power Purchase Agreement /07/ for this monitoring period and found the values in MR /02/ and PDD /21/ consistent.																								
Value(s) of monitored parameter	<table><tr><th rowspan="2">Monitoring Period</th><th colspan="3">Generation in MWh</th></tr><tr><th>18E</th><th>18N+ NX</th><th>18S</th></tr><tr><td>01/06/2024 – 31/12/2024</td><td>25.860</td><td>262,072</td><td>41,931</td></tr><tr><td>01/01/2025 – 31/12/2025</td><td>46,408</td><td>467,140</td><td>76,293</td></tr><tr><td>01/01/2026 – 28/02/2026</td><td>8,569</td><td>76,293</td><td>13,628</td></tr><tr><td>Total</td><td colspan="3">1,025,065</td></tr></table> The verification team has verified all the electricity bills /09/ and Power purchase agreement /07/ for this monitoring period and confirms that the same values are applied in PDD/21/.			Monitoring Period	Generation in MWh			18E	18N+ NX	18S	01/06/2024 – 31/12/2024	25.860	262,072	41,931	01/01/2025 – 31/12/2025	46,408	467,140	76,293	01/01/2026 – 28/02/2026	8,569	76,293	13,628	Total	1,025,065		
Monitoring Period	Generation in MWh																									
	18E	18N+ NX	18S																							
01/06/2024 – 31/12/2024	25.860	262,072	41,931																							
01/01/2025 – 31/12/2025	46,408	467,140	76,293																							
01/01/2026 – 28/02/2026	8,569	76,293	13,628																							
Total	1,025,065																									

	Measurement methods and procedures	Electricity generated are monitored by the electricity meters on a continuous basis and readings have been taken every month for billing purpose. The meters have the capability to store 18 months of data as well as transfer them to historical server which is located in the HV substation control room. It can be downloaded on a monthly basis for billing purpose. The computer has a web-based software where the data can be seen by the Vietnam Electricity (ENV) remotely. Archive of the data would be available for entire lifetime of the project. The electricity generated (EGy) is calculated by subtracting the imported electricity (EGy,import) from the exported electricity (EGy,export). Two-way power meters are installed at the grid connection point to measure both the electricity supplied to and consumed from the grid by the proposed project, including reverse flow. These meters record half-hourly generation data, which is logged daily through the SCADA system. However, the readings are downloaded on a monthly basis for record-keeping and billing purposes with EVN. The recorded data is validated through a joint balance sheet signed by representatives of both EVN and the project owner. This was further confirmed during interviews and verified through the electricity bills /09/, photos (/13/), and the single-line diagram (SLD) (/11/). The calculation method is as per registered PDD /21/ and applied methodology /20/ and hence accepted.
	Measuring/reading/recording frequency	Continuous measurement and monthly recording The same is verified during the site visit interviews, Joint balance sheet /09/ and found OK.
	QA/QC procedures	Electricity meters are calibrated once in three years as per EVN requirement. The electricity meters and calibration details are provided in Section C of Monitoring report/02/. The electricity generation can also be cross-checked using the invoices billed to EVNEPTC for payment. The Calibration of all the meters have been done by the government authorities as verified from the calibration certificates /10/ and hence accepted. Calibration certificates /10/ are verified and found that the error in calibration test is less than respective accuracy class i.e. 0.2s and 0.5s for main and backup meter respectively and hence accepted.
	Purpose of data/parameter	Contribution of clean and sustainable energy from the Project to the national grid and to the increase of the share of the renewable energy in the global energy mix.
	Additional comments	$EG_{PJ,grid,y} = EG_{facility,y} = EG_{y,export} - EG_{y,import}$

	2. Data/Parameter			
	Monitoring Parameter Requirement	Assessment/Observation by the VVB		
	Relevant SDG Indicator/Safeguarding Principle	SDG7: Indicator: 7.2.1 – Renewable energy share in the total final energy consumption		
	Data/parameter:	Auxiliary power consumption		
	Unit	MWh/yr		
	Description	Quantity of electricity consumed by the project electricity consumption source j in year y		
	Source of data	Standard metering of the net electricity supplied to the grid as indicated in the Power Purchase Agreement (PPA) The verification team has verified all the electricity bills /09/, Power Purchase Agreement /07/ for this monitoring period and found the values in MR /02/ and PDD /21/ consistent.		
	Value(s) of monitored parameter	The verification team has verified all the electricity bills /09/ and Power purchase agreement/08/ for this monitoring period and confirms that the same values are applied in PDD/21/.		

	Measurement methods and procedures	Electricity generated is monitored by the electricity meters on a continuous basis and readings have been taken every month for billing purpose. The meters have the capability to store data as well as transfer them to server which is located at the control room in switch station. It can be downloaded on a monthly basis for billing purpose. Archive of the data would be available for entire lifetime of the project. The electricity generated (EGy) is calculated by subtracting the imported electricity (EGy,import) from the exported electricity (EGy,export). Two-way power meters are installed at the grid connection point to measure both the electricity supplied to and consumed from the grid by the proposed project, including reverse flow. These meters record half-hourly generation data, which is logged daily through the SCADA system. However, the readings are downloaded on a monthly basis for record-keeping and billing purposes with EVN. The recorded data is validated through a joint balance sheet signed by representatives of both EVN and the project owner. This was further confirmed during interviews and verified through the joint balance sheet (/09/), photos (/37/), and the single-line diagram (SLD) (/11/). Further the values have been cross-checked from the monthly invoices /09/ and found consistent. The calculation method is as per registered PDD /20/ and applied methodology /15/ and hence accepted.
	Measuring/reading/recording frequency	The meters can capture half hourly data and the data is logged through the SCADA system in a daily basis. However, readings are taken on a monthly basis for record keeping and billing to the EVN. The same is verified during the site visit interviews, Joint balance sheet /09/ and found OK.
	QA/QC procedures	Continuous measurement with daily recording (The meters can capture half hourly generation data and the data would be logged through the SCADA system in a daily basis. However, readings will be downloaded on a monthly basis for record keeping and billing to the EVN.) Electricity bill/09/ crosschecked with electricity sale invoices /09/. Please refer to section C of the MR /02/ on power meter calibration. The Calibration of all the meters have been done by the government authorities as verified from the calibration certificates /07/ and hence accepted. Calibration certificates /10/ are verified and found that the error in calibration test is less than respective accuracy class i.e. 0.2s and 0.5s for main and backup meter respectively and hence accepted.

	Purpose of data/parameter	Calculation of project emissions to demonstrate contribution to SDG7'-7.2 By 2030, increase substantially the share of renewable energy in the global energy mix".
	Additional comments	None
	3. Data/Parameter	
	Monitoring Parameter Requirement	Assessment/Observation by the VVB
	Relevant SDG Indicator/Safeguarding Principle	SDG 8: Decent work and economic growth Indicator: 8.5.1 – Average hourly earnings of female and male employees, by occupation, age and persons with disabilities
	Data/parameter:	Employees' monthly wages.
	Unit	Vietnam Dong per employee
	Description	Monthly wages to all employees by the project activity
	Source of data	Job contracts (or) Pay slip (or) Payroll records /24/
	Value(s) of monitored parameter	Detailed spreadsheet provided to GS-VVB contains hourly wages based on the employees: 1. Age 2. Position 3. Gender The verification team has reviewed List of employees along Labour contract /18/, Pay roll for the employees /35/ for the employees. Employees have the Labour contract /18/ as checked by the verification team and found OK People employed includes people employed in Administration and technical department as confirmed during interviews.
	Measurement methods and procedures	Randomly choose employees with similar designation from payroll records and compare their wages and experience. The verification team has reviewed List of employees along Labour contract /18/, Pay roll for the employees /35/.
	Measuring/reading/recording frequency	Once for each monitoring period Frequency is in compliance with the registered PDD /04/ and hence accepted.
	QA/QC procedures	Payroll records, job contracts and staff register are provided annually. After first verification, only changes in employees will be reported.
	Purpose of data/parameter	To demonstrate contribution to SDG8 – 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"
	Additional comments	None

4. Data/Parameter

Monitoring Parameter Requirement	Assessment/Observation by the VVB
Relevant SDG Indicator/Safeguarding Principle	SDG 8: Decent work and economic growth Indicator: 8.8.1 – Frequency rates of fatal and non-fatal occupational injuries, by sex and migrant status
Data/parameter:	No of Fatal & Non-fatal injuries.
Unit	Number
Description	Total number of employees injured during the operation and maintenance period of project activity
Source of data	Health & Safety issues records /39/
Value(s) of monitored parameter	0 The verification team reviewed and verified the health and safety records and log sheets /39/ maintained on-site, finding them to be acceptable.
Measurement methods and procedures	The total number of Health and Safety training based on Training Records or Certificates. The verification team has reviewed health and safety records, log sheets /39/ and Health insurance trainings /39/ for the employees.
Measuring/reading/recording frequency	Once for each monitoring period Frequency is in compliance with the registered PDD /21/ and hence accepted.
QA/QC procedures	Accident or incident records are provided
Purpose of data/parameter	Monitoring the health and safety records of employees to demonstrate contribution to SDG8 – 8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment
Additional comments	None

5.Data/Parameter

Monitoring Parameter Requirement	Assessment/Observation by the VVB
Relevant SDG Indicator/Safeguarding Principle	13.3.2 – Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions
Data/parameter:	No of awareness programmes
Unit	Number
Description	Provide awareness trainings regarding the climate change and mitigation measures

	Source of data	Training records include attendance register or photos of training /39/											
	Value(s) of monitored parameter	<table><tr><th>Year</th><th>No of Trainings</th><th>No of</th></tr><tr><td>2024</td><td>9</td><td></td></tr><tr><td>2025</td><td>12</td><td></td></tr></table> The verification team reviewed and verified the health and safety records and log sheets /39/ maintained on-site, finding them to be acceptable.			Year	No of Trainings	No of	2024	9		2025	12	
	Year	No of Trainings	No of										
	2024	9											
	2025	12											
	Measurement methods and procedures	The training records include attendance registers and photos are available to measure the level of awareness program conducted for local communities and others The verification team has reviewed health and safety records, log sheets /39/ and Health insurance trainings /39/ for the employees.											
	Measuring/reading/recording frequency	Once for each monitoring period Frequency is in compliance with the registered PDD /21/ and hence accepted.											
	QA/QC procedures	Accident or incident records are provided											
	Purpose of data/parameter	Monitoring the awareness programs conducted will help to demonstrate the contribution to SDG13 – 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning											
Additional comments	None												
Findings	CL-02 & CAR-02 are raised and successfully closed. Refer Appendix 4 of this report for more details.												
Conclusion	As per para 365 to 370 of CDM VVS for project activity version 03.0 /22/, the Verification team confirms that the calibration frequency is in line with the monitoring plan mentioned in the approved GS PDD /21/.												

D.6.3. Comparison of monitored parameters with last monitoring period

N/a as not a community service activity.

D.6.4. Implementation of sampling plan

Means of verification	No sampling plan applied for the project activity. Therefore, this section is not applicable.
Findings	-
Conclusion	Not applicable.

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

Means of verification	Verification team has checked whether the calibration of the measuring equipment's that have an impact on the claimed GHG emission reductions is conducted by the PP at a frequency specified in the monitoring plan /21/.
------------------------------	--

	The calibration details of the monitoring equipment's corresponding to the monitoring parameter mentioned in the section B.7.1 of the approved GS PDD /21/ has been checked and justified under section D.6.2 of this report in detail.																																												
	As per the approved PDD /21/ and the Power purchase agreement with the grid operator Vietnam electricity (ENV) /07/, the main meters shall be tested/verified once in a year and the other meters are tested/verified (and re-calibrated, if not in conformity) at least once every 3 years (PPA, Annex 6, section 2) after commissioning.																																												
	The monitoring equipment's have been installed in the project activity according to registered monitoring plan /21/. There was no meter change during this monitoring period. Monitoring equipment details have been verified from the remote audit/physical site visit observations, Calibration records /10/, photos /14/ and found consistent with the MR /02/.																																												
	<table><thead><tr><th>Plant Name</th><th>Brand</th><th>Model</th><th>Accuracy Class</th><th>Number of Meters</th></tr></thead><tbody><tr><td>18N, 18NX & 18S</td><td>Elster</td><td>A1700</td><td>Tariff Meter: 0.2</td><td>15 (18N), 10 (18NX) & 9 (18S)</td></tr><tr><td>18E</td><td>Landis Gyr</td><td>E650 Series3</td><td>Others: 0.5</td><td>7 (18E)</td></tr></tbody></table>						Plant Name	Brand	Model	Accuracy Class	Number of Meters	18N, 18NX & 18S	Elster	A1700	Tariff Meter: 0.2	15 (18N), 10 (18NX) & 9 (18S)	18E	Landis Gyr	E650 Series3	Others: 0.5	7 (18E)																								
	Plant Name	Brand	Model	Accuracy Class	Number of Meters																																								
	18N, 18NX & 18S	Elster	A1700	Tariff Meter: 0.2	15 (18N), 10 (18NX) & 9 (18S)																																								
	18E	Landis Gyr	E650 Series3	Others: 0.5	7 (18E)																																								
	<table><thead><tr><th rowspan="2">Plant Name</th><th rowspan="2">Meter Number</th><th rowspan="2">Serial Number</th><th colspan="3">Calibration Dates</th></tr><tr><th>2024³</th><th>2025</th><th>2026</th></tr></thead><tbody><tr><td rowspan="2">18E</td><td>131 Main</td><td>38152538</td><td rowspan="2">25/03/2024 (Valid until: 31/03/2027)</td><td rowspan="2">28/02/2025 (Valid until: 27/02/2028)</td><td rowspan="2">27/02/2026 (Valid until: 27/02/2029)</td></tr><tr><td>131 Backup</td><td>40377372</td></tr><tr><td rowspan="2">18N & 18NX</td><td>275 Main</td><td>22019513</td><td rowspan="2">26/03/2024 (Valid until: 28/02/2027)</td><td rowspan="2">28/02/2025 (Valid until: 27/02/2027)</td><td rowspan="2">27/02/2026 (Valid until: 27/02/2029)</td></tr><tr><td>275 Backup</td><td>18080164</td></tr><tr><td rowspan="2">18S</td><td>272 Main</td><td>18066336</td><td rowspan="2">26/03/2024 (Valid until: 28/02/2027)</td><td rowspan="2">28/02/2025 (Valid until: 27/02/2027)</td><td rowspan="2">27/02/2026 (Valid until: 27/02/2029)</td></tr><tr><td>272 Backup</td><td>17051038</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						Plant Name	Meter Number	Serial Number	Calibration Dates			2024 ³	2025	2026	18E	131 Main	38152538	25/03/2024 (Valid until: 31/03/2027)	28/02/2025 (Valid until: 27/02/2028)	27/02/2026 (Valid until: 27/02/2029)	131 Backup	40377372	18N & 18NX	275 Main	22019513	26/03/2024 (Valid until: 28/02/2027)	28/02/2025 (Valid until: 27/02/2027)	27/02/2026 (Valid until: 27/02/2029)	275 Backup	18080164	18S	272 Main	18066336	26/03/2024 (Valid until: 28/02/2027)	28/02/2025 (Valid until: 27/02/2027)	27/02/2026 (Valid until: 27/02/2029)	272 Backup	17051038						
	Plant Name	Meter Number	Serial Number	Calibration Dates																																									
				2024 ³	2025	2026																																							
18E	131 Main	38152538	25/03/2024 (Valid until: 31/03/2027)	28/02/2025 (Valid until: 27/02/2028)	27/02/2026 (Valid until: 27/02/2029)																																								
	131 Backup	40377372																																											
18N & 18NX	275 Main	22019513	26/03/2024 (Valid until: 28/02/2027)	28/02/2025 (Valid until: 27/02/2027)	27/02/2026 (Valid until: 27/02/2029)																																								
	275 Backup	18080164																																											
18S	272 Main	18066336	26/03/2024 (Valid until: 28/02/2027)	28/02/2025 (Valid until: 27/02/2027)	27/02/2026 (Valid until: 27/02/2029)																																								
	272 Backup	17051038																																											
Verification of the energy meters was conducted by competent authority. Verification team has checked the verification performance from the verification reports /10/ and found within limit. There was no delay in verification.																																													
VVB confirm that verification of the energy meters has been done as per the monitoring plan /21/.																																													
Findings	CL01, CL03 are raised and closed successfully.																																												
Conclusion	As per para 365 to 370 of CDM VVS for project activity version 03.0 /22/, the Verification team confirms that the calibration frequency is in line with the monitoring plan mentioned in the approved GS PDD /21/. The verification team																																												

³ Since the calibration of meters are not carried within a year, the error in generation and consumption for March 2024 is calculated separately in the ER spreadsheet.

found the meter verification and data recording approach acceptable for ensuring credible and accurate emission reduction calculation during the monitoring period.

D.8. Assessment of SDG impacts

D.8.1. Calculation of baseline value or estimation of baseline situation of each SDG Impact

Means of verification

SDG 7: Affordable and Clean Energy
The contribution to SDG 7 is defined as the produced electricity by the solar power plant. As there is no electricity produced in the baseline, the baseline value is 0.

SDG 8: Decent Work and Economic Growth
The project leads to employment opportunities which would not have been possible in the baseline scenario. So, the baseline value is 0.

SDG 13: Climate Action:

As per the approved PDD /21/, baseline reductions by the project activity (BEy) is calculated as follows:
Baseline emissions include only CO₂ emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing grid-connected power plants and the addition of new grid-connected power plants. The baseline emissions are calculated as follows:
$$BEy = EG_{PJ,y} \times EF_{grid,CM,y}$$

Where:
BEy = Baseline emissions in year y (t CO₂/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 CO₂ emission factor for grid connected power generation in year y calculated using the latest version of "TOOL07: Tool to calculate the emission factor for an electricity system" (t CO₂/MWh)
EF_{grid,CM,y} = Baseline emission factor = 0.8050 tCO₂/MWh
EG_{PJ,y} is a monitoring parameter and already verified under section D.6.2 of this report. EF_{grid,CM,y} is the ex-ante parameter and already verified under D.6.1 of this report. Verification team has verified the calculation of BEy under the ER calculation sheet /04/ and found in compliance with the approved GS PDD /21/ and the applied methodology /20/.

The verification team assessed whether the data and calculations of each SDG from the approved GS PDD /21/ is correct. The verification team has checked whether calculations of SDGs have been carried out in accordance with the formulae and methods described in the approved GS PDD /21/.

The calculation, applied formulae and the method for calculation of SDGs are in accordance with the approved GS PDD /21/ and are in line with the requirements of the applied methodology /20/. The formulae and the methods referred in the MR /02/ and the emission reduction calculation spread sheet /04/ for estimation of SDGs complies with the corresponding formulae and methods in the approved GS PDD /21/.

Hence SDGs for this monitoring period are as follows.

SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit
7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh
8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21

	13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂
Findings	CAR04 is raised and closed successfully.				
Conclusion	As per para 372 and 373 of CDM VVS for project activity version 03.0 /22/, Verification team concludes that the calculation provided in the monitoring report /02/ and emission reduction spread sheet /04/ are complete and reflect all the requirements of the registered monitoring plan /21/ and: a) All the monitored data pertaining to SDGs as required by the registered monitoring plan was available to PP, the same has been verified by the verification team. b) All the formula used for the SDGs, was in line to the registered monitored plan /21/. c) The ex-ante parameter correctly sourced from the approved GS PDD /21/ and was found to be appropriate and justified.				

D.8.2. Calculation of project value or estimation of project situation of each SDG Impact

Means of verification

SDG 7: Affordable and Clean Energy

Following table mentions the “Quantity of net electricity generation supplied by the project plant/unit to the grid in year y” which is already verified under section D.6.2 of this report.

Monitoring Period	18E	18N+NX	18S	Total
01/06/2024 – 31/12/2024	25,730	260,993	41,931	328,653
01/01/2025 – 31/12/2025	46,193	465,335	76,293	587,821
01/01/2026 – 28/02/2026	8,530	82,858	13,628	105,015
Total	80,453	809,187	131,852	1,021,489

SDG 8: Decent Work and Economic Growth

The project activity created employment opportunities 62 jobs during this monitoring period.

As for characteristics/types of employments created (temporary/permanent or skilled/unskilled etc.) and terms and labour conditions, such as job-related health and safety and training of employees the number of employees are counted and the characteristics/types as well as terms and labour conditions assessed. This parameter is also verified under section D.6.2 of this report.

Monitoring Period	Job created	Training conducted
01/06/2024 - 28/02/2026	63	21

SDG 13 Climate Action:

As per the approved PDD /21/ and applied methodology /20/, Project activity emissions (PE_y) are calculated using the following equation:

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

Where:

PE_y = Project emissions in year y (tCO₂e/yr)

PE_{FF,y} = Project emissions from fossil fuel consumption in year y (tCO₂/yr)

PE_{GP,y} = Project emissions from the operation of dry, flash steam or binary geothermal power plants in year y (t CO₂e/yr)

PE_{HP,y} = Project emissions from water reservoirs of hydro power plants in year y (tCO₂e/yr)

• The project is not a geothermal or solar thermal project, which also uses fossil fuels for electricity generation. Therefore, PE_{FF,y} = 0

• The project is not a geothermal project. Therefore, PE_{GP,y} = 0

• The project is not a hydro project. Therefore, PE_{HP,y} = 0

	Therefore, in line with applied methodology, project emissions for the project activity are 0 t CO₂e. The verification team assessed whether the data and calculations of each SDG from the approved GS PDD /21/ is correct. The verification team has checked whether calculations of SDGs have been carried out in accordance with the formulae and methods described in the approved GS PDD /21/. The calculation, applied formulae and the method for calculation of SDGs are in accordance with the approved GS PDD /21/ and are in line with the requirements of the applied methodology /20/. The formulae and the methods referred in the MR /02/ and the emission reduction calculation spread sheet /04/ for estimation of SDGs complies with the corresponding formulae and methods in the approved GS PDD /21/. Hence SDGs for this monitoring period are as follows. <table><tr><th>SDG</th><th>SDG Impact</th><th>Baseline estimate</th><th>Project estimate</th><th>Net benefit</th></tr><tr><td>7</td><td>Affordable & Clean Energy</td><td>0</td><td>1,021,489 MWh</td><td>1,021,489 MWh</td></tr><tr><td>8</td><td>Decent Work & Economic Growth</td><td>0</td><td>Job created: 63 Trainings conducted: 21</td><td>Job created: 63 Trainings conducted: 21</td></tr><tr><td>13</td><td>Climate Action</td><td>822,272 tCO₂</td><td>0</td><td>822,272 tCO₂</td></tr></table>	SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit	7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh	8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21	13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂
SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit																	
7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh																	
8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21																	
13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂																	
Findings	CAR03 is raised and closed successfully.																				
Conclusion	As per para 372 and 373 of CDM VVS for project activity version 03.0 /22/, Verification team concludes that the calculation provided in the monitoring report /02/ and emission reduction spread sheet /04/ are complete and reflect all the requirements of the registered monitoring plan /21/ and: a) All the monitored data pertaining to SDGs as required by the registered monitoring plan was available to PP. PP has calculated the SDGs conservatively as per the Approved GS PDD /21/ which is accepted to the verification team. b) All the formula used for the SDGs, was in line to the registered monitored plan /21/. c) The ex-ante parameter correctly sourced from the approved GS PDD /21/ and was found to be appropriate and justified.																				

D.8.3. Calculation of leakage GHG emissions

Means of verification	Not applicable in accordance with applied methodology /20/ and approved GS PDD /21/.
Findings	No finding raised.
Conclusion	Verification team concludes that the leakage emissions are not applicable to the project activity for the current monitoring period.

D.8.4. Calculation of net benefits or direct calculation of each SDG Impact

Means of verification	The verification team has checked whether calculations of SDGs have been carried out in accordance with the formulae and methods described in the monitoring plan /21/. The calculation provided in the ER sheet /04/ and MR /02/ was assessed appropriate by the verification team. The verification team confirms that the emission reductions are real and measurable. Hence SDGs for this monitoring period are as follows.
------------------------------	--

	SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit
	7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh
	8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21
	13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂
All the monitored data are archived in electronic and paper form. The data will be kept for the whole crediting period and 2 years after the last crediting period thereby meeting the requirement of the approved GS PDD /21/.					
Findings	CAR03 is raised and closed successfully.				
Conclusion	As per para 372 and 373 of CDM VVS for project activity version 03.0 /22/, Verification team concludes that the calculation provided in the monitoring report /02/ and emission reduction spread sheet /04/ are complete and reflect all the requirements of the monitoring plan /21/ and: a) All the monitored data as required by the registered monitoring plan /21/ was available to PP, the same has been verified by the verification team. b) Formula used for the SDGs calculation were in line to the registered monitored plan /21/. The ex-ante emission factor correctly sourced from the approved GS PDD /21/ and was found to be appropriate and justified.				

D.8.5. Comparison of actual SDGs Impacts with estimates in approved PDD

Means of verification	The MR includes a comparison of the calculated SDGs with the ex-ante calculated values in the approved GS PDD /21/.			
	SDG	Values estimated in ex ante calculation of approved PDD for this monitoring period	Actual values ⁴ achieved during this monitoring period	Comparison
	13	945,517	822,272 tCO ₂	Emission reduction for this monitoring period is less than the estimated value as per approved PDD /21/. Hence no justification required.
	7	1,174,591 MWh	1,021,489 MWh	The actual electricity generated during this monitoring period is less than the estimated

⁴ Whenever emission reductions are capped, both the original and capped values used for calculations must be transparently reported. Use brackets to denote original values.

				electricity as per the approved PDD /21/. Hence no justification required.
	8	Jobs: 82 Training: 2	Jobs: 63 Training: 21	There is improvement with respect to baseline and hence accepted. The amount of salary given to each employee has been confirmed using the review of pay slip/35/ during the onsite audit due to the confidentiality the value is not included here only the number of workers has been included along with the training details /19/
Findings	CAR03 is raised and closed successfully.			
Conclusion	Verification team confirms that the comparison for the estimated and actual SDGs for this monitoring period is correctly calculated and reported.			

D.9. SAFEGUARDS REPORTING

As per the Safeguarding Principles Assessment in the approved PDD /21/, there was one safeguarding principle which was part of the monitoring plan as mentioned below.

Monitoring Parameter				Assessment/Observation by the VVB
Relevant SDG Indicator: Safeguarding Principle – Community Health, Safety and Working Conditions Data/Parameter: No of awareness programmes Unit: Number Description: Provide awareness trainings regarding the climate change and mitigation measures				The same is verified from the site visit interviews of stakeholders, Environmental & Social monitoring report /18/, Training records include attendance register and photos of training /19/.
Year	Training Title	No of Trainings	No of staffs attended	
2024	OHS Training – Group 1	1	2	
2024	OHS Training – Group 2	1	1	
2024	OHS Training – Group 3	2	49	
2024	OHS Training – Group 4	1	5	
2024	OHS Training – Group 5	1	1	
27 Mar 2024	Crane Operation Training	1	2	

21 May 2024	Firefighting and Rescue Drill	1	15
08 Nov 2024	Fire Prevention and Rescue Skills Training	1	12
Mar 2025	OSH and Chemical Spill Response Training	1	8
Apr 2025	Internal OSH Training and Workplace Safety Regulations	1	13
Apr 2025	Crane Operation Training and Certification	1	1
May 2025	Fire Prevention and Rescue Compliance and Annual Drill	1	14
May 2025	Heatstroke Prevention and First Aid Training	1	48
Jun 2025	First Aid Training	1	35
Aug 2025	Electrical Safety Training	1	12
Oct 2025	Fire Prevention and Firefighting Training	1	20
Oct 2025	HR Policies and Regulations Training	1	34
Apr & Jun 2025	Underground Cable Technical Training	1	3
Apr 2025	PVsyst Software Training	1	3
Jul 2025	Data Analytics Training Course	1	1
2024 & 2025	Total	21	279

D.10. STAKEHOLDER INPUTS AND LEGAL DISPUTES

As part of the grievance mechanism in place, the local stakeholders are encouraged to approach the PP through following avenues i.e. in-person, e-mail and telephone to express their grievance, if any. The telephone numbers and email id of the project's Management Board and of the GS consultancy company are prominently displayed for easy approach by the local stakeholders. The grievance is recorded if any. PP has reported that no inputs were received during this monitoring period as verified from Environmental & Social Monitoring report /18/.

VVB has confirmed the grievance mechanism from the interviews of the stakeholders and also from the grievance sheets available on site, information gathered by PP in the excel sheet. Based on the interviews, grievance sheets and information gathered by PP in the excel sheet /17/, VVB confirm that no negative comment was received during this monitoring period.

This is further verified by the site visit interview of stakeholders and found no negative comments. The local stakeholders were interviewed to be aware of the grievance mechanism that is in place and are prior informed about the contact details of the responsible entities.

The verification team has found that the project activity is located in inhabited areas and there is no visible impact on human activities.

Verification team gained conformance that the established grievance mechanism is functioning, and for this verification period there were no comments from the stakeholders that required attention by the PP.

Opinion:

The adequacy and compliance of the monitoring plan in the Monitoring report was found as per the requirements laid by the monitoring methodology and the approved PDD. The information flow (from data

generation, aggregation, to recording, calculation and reporting) is already included under respective parameter above. The verification team has verified all the data and collected evidence as per the required monitoring frequency and found to be correct and appropriate meeting the requirements of the applied methodology and approved PDD.

SECTION E. Internal quality control

The draft verification report prepared by team leader is reviewed by an independent technical reviewer before requesting for issuance for this verification period for the project activity to confirm the internal procedures established by 4KES are duly followed and the verification report/opinion is reached in an objective manner and complies with the applicable CDM requirements. The technical review is conducted by the technical reviewer qualified as per the 4KES procedures established for the qualification of CDM personnel as per EB guidelines.

The independent technical reviewer may approve or reject the draft verification report. The findings may be identified even at this stage, which needs to be satisfactorily resolved, before the request for issuance is submitted to GS. The final decision is taken by the Head of the VVB. The technical reviewer approves the final version of the report.

The final approval is authorized by the Director, 4KES once the report is approved by the Head/VVB Manager.

SECTION F. Verification opinion

The verification team confirms that the evidence is of sufficient quantity, appropriate quality and reliable. The reported values, notation, units and sources in the monitoring report for all the monitoring parameters have been cross checked with the emission reduction sheet and monitoring report. During the course of verification, the data submitted by PP was cross verified with the values mentioned in the emission reduction sheet and monitoring report. The procedure for data monitoring, recording, transfer and compilation was also verified and found in compliance with the monitoring plan as mentioned in the approved GS PDD /21/.

Evidences (Documents/Interviews) referred for verification of individual monitoring parameters and fixed parameter are defined in section D.6 above. It is confirmed by the assessment team that the reported emission reductions have been conservatively calculated. A list of referred documents for verification is also included in Appendix 3 of this report.

Based on the information seen and evaluated we confirm that the implementation of the project has resulted in SDGs during period from 01/06/2024 – 28/02/2026 (Including both the days) as follows.

SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit
13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂
7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh
8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21



SECTION G. Certification statement

>> 4K EARTH SCIENCE PRIVATE LIMITED has been contracted by BIM Group to undertake independent verification and certification for the SDGs reported from “BIM Solar Farm”, GS Ref. No. 7525 for the monitoring period 01/06/2024 – 28/02/2026 in the Monitoring Report Version 1.0 (first submission) dated 20/03/2026.

The verification is based on the approved GS PDD /21/ and the monitoring report for this project. Our verification approach was based on the requirements as defined under the Kyoto Protocol, Marrakech accord, GS Validation and Verification Standard /31/, as well as those defined by the CDM Executive Board.

The management of BIM Renewable Energy Stock Company is responsible for the preparation of the GHG emissions data and the reported SDGs on the basis set out within the project Final Monitoring Report, version 3 dated 20/05/2026. The calculation and determination of SDGs from the project is the responsibility of the management of the BIM Renewable Energy Stock Company. The development and maintenance of records and reporting procedures are in accordance with the Monitoring Report, version 3 dated 20/05/2026.

It is our responsibility to express an independent GHG verification opinion on the GHG emissions and on the calculation of GHG emission reductions from the project for the period 01/06/2024 – 28/02/2026 based on the reported emission reductions in the Final Monitoring Report version 3 dated 20/05/2026 for the same period.

Based on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these, 4K EARTH SCIENCE PRIVATE LIMITED planned and performed our work to obtain the information and explanations that we considered necessary to provide sufficient evidence for us to give reasonable assurance that this reported amount of GHG emission reductions for the period is fairly stated.

4K EARTH SCIENCE PRIVATE LIMITED confirms the following;

Reporting period: From 01/06/2024 to 28/02/2026

Verified and certified SDGs in the above reporting period:

SDG	SDG Impact	Baseline estimate	Project estimate	Net benefit
13	Climate Action	822,272 tCO ₂	0	822,272 tCO ₂
7	Affordable & Clean Energy	0	1,021,489 MWh	1,021,489 MWh
8	Decent Work & Economic Growth	0	Job created: 63 Trainings conducted: 21	Job created: 63 Trainings conducted: 21

Appendix 1. Abbreviations

Abbreviations	Full texts
BE	Baseline Emissions
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM EB	CDM Executive Board
CERs	Certified Emission Reductions
CL	Clarification Request
CO ₂ e	Carbon dioxide equivalent
COP	Conference of Parties
DNA	Designated National Authority
VVB	Designated Operational Entity
EF	Emission Factor
ERs	Emission Reductions
FAR	Forward Action Request
GHGs	Greenhouse Gas(es)
IPCC	Intergovernmental Panel on Climate Change
KP	Kyoto Protocol
kWh	Kilo Watt Hour
LE	Leakage Emissions
MR	Monitoring Report
MP	Monitoring Plan
MWh	Mega Watt Hour
PE	Project Emissions
PDD	Project Design Document
PS	Project Standard
PCP	Project Cycle Procedure
PP	Project Representative
QA/QC	Quality Assurance/Quality Control
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
4KES	4K Earth Science Private Limited

Appendix 2. Competence of team members and technical reviewers

<u>Certificate of Competence</u>							
Name	☒ Mr. ☐ Ms.	Stalin S					
Qualification Procedure	Fulfills the requirement as per the appointment of personnel procedure of 4KES for Validation and Verification of A6.4/VCS/GS/GCC/GHG Projects.						
Appointed to work as:							
	Validator/ Verifier	Team Leader	Trainee	Technical Expert	Technical Reviewer	Financial Expert	Approver
<i>Appointed</i>	Yes	Yes	No	Yes	Yes	Yes	Yes
<i>Appointed Date</i>	23-06-2025						
Authorized to work as Technical Expert for:							
	Sectoral Scope		TA Code		Technical Area within the scope		



<i>Authorized Technical Area</i>	Energy industries (renewable - / non-renewable sources)	1.1	Thermal energy generation
	Energy industries (renewable - / non-renewable sources)	1.2	Renewables
	Energy distribution	2.1	Energy distribution
	Energy demand	3.1	Energy demand
	Waste handling and disposal	13.1	Solid waste and wastewater
	Waste handling and disposal	13.2	Manure
<i>Authorized to work as Local Expert for:</i>			
<i>Country/Countries</i>	India		
<u><i>Compliance check by:</i></u>		Swati S Acharya	

<u>Certificate of Competence</u>							
Name	☒ Mr. ☐ Ms.	Gurubalaji K					
Qualification Procedure	Fulfil the requirement as per the appointment of personnel procedure of 4KES for Validation and Verification of A6.4/VCS/GS/GCC/GHG Projects.						
Appointed to work as:							
	Validator/ Verifier	Team Leader	Trainee	Technical Expert	Technical Reviewer	Financial Expert	Approver
<i>Appointed</i>	Yes	No	No	No	No	No	No
<i>Appointed Date</i>	23-06-2025						
Authorized to work as Technical Expert for:							
Authorized Technical Area	Sectoral Scope		TA Code		Technical Area within the scope		
	-		-		-		
Authorized to work as Local Expert for:							
Country/Countries		India					
Compliance check by:							
		Swati S Acharya					

<u>Certificate of Competence</u>							
Name	☐ Mr. ☒ Ms.	Pham Minh Hang					
Qualification Procedure	Fulfil the requirement as per the appointment of personnel procedure of 4KES for Validation and Verification of A6.4/VCS/GS/GCC/GHG Projects.						
Appointed to work as:							
	Validator/ Verifier	Team Leader	Trainee	Technical Expert	Technical Reviewer	Financial Expert	Approver
<i>Appointed</i>	No	No	No	Yes	No	No	No
<i>Appointed Date</i>	12/01/2026						
Authorized to work as Technical Expert for:							
Authorized Technical Area	Sectoral Scope		TA Code		Technical Area within the scope		
	Energy industries (renewable - / non-renewable sources)		1.2		Renewables		



Authorized to work as Local Expert for:	
Country/Countries	Vietnam
Compliance check by:	
Swati S Acharya	

<u>Certificate of Competence</u>							
Name	☒ Mr. ☐ Ms.	Chetan Swaroop Sharma					
Qualification Procedure	Fulfil the requirement as per the appointment of personnel procedure of 4KES for Validation and Verification of A6.4/VCS/GS/GCC/GHG Projects.						
Appointed to work as:							
	Validator/ Verifier	Team Leader	Trainee	Technical Expert	Technical Reviewer	Financial Expert	Approver
Appointed	Yes	Yes	No	Yes	Yes	No	Yes
Appointed Date	23-06-2025						
Authorized to work as Technical Expert for:							
Authorized Technical Area	Sectoral Scope		TA Code		Technical Area within the scope		
	Energy industries (renewable - / non-renewable sources)		1.1		Thermal energy generation		
	Energy industries (renewable - / non-renewable sources)		1.2		Renewables		
	Energy distribution		2.1		Energy distribution		
	Energy demand		3.1		Energy demand		
	Waste handling and disposal		13.1		Solid waste and wastewater		
	Waste handling and disposal		13.2		Manure		
Authorized to work as Local Expert for:							
Country/Countries	India, Mauritius, Vietnam, Senegal and Thailand						
Compliance check by:							
Swati S Acharya							

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1.	Project Representative (BIM solar)	Initial GS monitoring report	Version 1.0, dated 20/03/2026	Project Representative (BIM solar)
2.	Project Representative (BIM solar)	Final GS Monitoring report	Version 3, dated 20/05/2026 (final)	Project Representative (BIM solar)
3.	Project Representative (BIM solar)	Draft ER calculation sheet	Corresponding to initial MR version 1.0	Project Representative (BIM solar)
4.	Project Representative (BIM solar)	Final ER calculation sheet	Corresponding to final MR version	Project Representative (BIM solar)
5.	Manufacturers	Technical specification of the equipment's i.e. modules, inverters, transformers and energy meters	-	Project Representative (BIM solar)
6.	Project Representative (BIM solar) and VIETNAM ELECTRICITY (ENV)	Commissioning certificates 18N dated 11/05/2019 18S dated 07/05/2019 18E dated 23/04/2019 18NX dated 24/12/2020		Project Representative (BIM solar)
7.	Project Representative (BIM solar) and VIETNAM ELECTRICITY (ENV)	Power Purchase agreement	9th November 2018	Project Representative (BIM solar)
8.	Project Representative (BIM solar) and VIETNAM ELECTRICITY (ENV)	Monthly Energy Generation data for this monitoring period	-	Project Representative (BIM solar)
9.	Project Representative (BIM solar)	Monthly Sales invoices for this monitoring period	From 02/05/2024 – 01/05/2029	Project Representative (BIM solar)
10.	Energie Express	Calibration certificate for electricity meters covering the monitoring period	2024: Calibrated on 25/03/2024 2025: Calibrated on 28/02/2025 2026: Calibrated on 27/02/2026	Project Representative (BIM solar)
11.	Project Representative	Single Line Diagram	-	Project Representative

	ve (BIM solar)			ative (BIM solar)
12.	Project Representative (BIM solar)	Organizational Chart and training certificates	-	Project Representative (BIM solar)
13.	Project Representative (BIM solar) and BIM Renewable Energy Stock Company	Operations and Maintenance agreement between Project Representative (BIM solar) and BIM Renewable Energy Stock Company dated 18/07/2019	-	Project Representative (BIM solar)
14.	Project Representative (BIM solar)	Photographic evidence of the major equipment's along with meter photos with recent readings, Screenshot of SCADA	-	Project Representative (BIM solar)
15.	Project Representative (BIM solar)	Declaration for double counting	20/03/2026	Project Representative (BIM solar)
16.	Project Representative (BIM solar)	Installation Agreement - Project Representative (BIM solar)	From 01/06/2024 to 28/02/2026	Project Representative (BIM solar)
17.	Project Representative (BIM solar)	Grievance mechanism	-	Project Representative (BIM solar)
18.	Project Representative (BIM solar)	Supportive documents for the sustainable parameters i.e. SDG 8, Safeguarding Principle 4 Employment contract, Organization chart, Training records from 2024 (covering safety, electrical risks, fire response, PPE use, vehicle use, hygiene, and emergency procedures) Environmental and Social Monitoring Reports (E&S quarterly reports, 2025)	-	Project Representative (BIM solar)
19.	Project Representative (BIM solar)	Accident and Incident Record Training proof and Photos.	From 01/06/2024 to 28/02/2026	Project Representative (BIM solar)
20.	UNFCCC	Approved monitoring methodology: ACM0002: Grid-connected electricity generation from renewable sources - Version 21.0	-	Publicly Available
21.	Project Representative (BIM solar)	Approved GS PDD (version 11.0, dated 12/09/2024 for 2 nd CP) and GS Validation report, GS review closure	-	Project Representative (BIM solar)
22.	UNFCCC	CDM Validation and Verification Standard for project activities, Version 03.0 CDM Project Standard for project activities, Version 03.0 CDM project cycle procedure for project activities, Version 03.0	-	Publicly Available
23.	Publicly available	GS Monitoring report form: https://globalgoals.goldstandard.org/t-perfcert-monitoring-report/	-	Publicly Available

24.	web	Websites referred: http://www.itouchmap.com/latlong.html (Latitude-Longitude location finder)	-	Publicly Available
25.	UNFCCC	Glossary "CDM terms"	Version 11.0	Publicly available
26.	Publicly available	GS4GG PRINCIPLES & REQUIREMENTS, Version 1.2 https://www.goldstandard.org/project-developers/standard-documents	-	Publicly available
27.	UNFCCC	CDM webpage https://cdm.unfccc.int/Projects/projsearch.html	-	Publicly available
28.	VERRA	Verra Registry https://registry.terra.org/app/search/VCS/All%20Projects	-	Publicly Available
29.	I.REC Standard	International REC Standard (I-REC) https://www.irecstandard.org/registries/	-	Publicly Available
30.	Global Carbon Council	GCC Website https://www.globalcarboncouncil.com/	-	Publicly Available
31.	Gold Standard	Validation and Verification Standard	2.0	Publicly Available
32.	BIM Renewable Energy Stock Company	Operations and Maintenance reports by BIM Renewable Energy Stock Company for the year 2024 to 2026	From 01/06/2024 to 28/02/2026	Project Representative (BIM solar)
33.	Project Representative (BIM solar)	Previous RCP PDD, Validation report and GS review closure	-	Project Representative (BIM solar)
34.	Government Authority	Environmental clearance	Dated 16/08/2019	Project Representative (BIM solar)
35.	BIM	Salary Slip	Year 2024-2025	Project Representative (BIM solar)
36.	BIM	The Ministry of Natural Resource and Environment (MONRE) has obtained the historical data from "National electricity system regulation centre" and calculated the emission factor. http://www.dcc.gov.vn/van-ban-phap-luat/1111/Nghien-cuu,-xay-dung-he-so-phat-thai-(EF)-cua-luoi-dien-Viet-Nam-nam-2021-(k%C3%A8m-CV-327/BDKH-PTCBT).html	-	Publicly available
37.	Project participant	Photographic evidence, Video of project site	-	Project participant
38.	Project participant	Annual Report	20-12-2024	Publicly available
39.	Project participant	Health & Safety issues training records - Training records - Attendance records - Photo evidence - Health and Safety records and log sheets maintained on-site		

Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. FAR from previous validation/Verification

FAR ID	01	Section no.	IRR	Date:	27/04/2026
Description of FAR					
<i>During future verification, VVB is requested to re assess projects additionality in case electricity generation/tariff is higher than estimation. Its noticed from sensitivity analysis that benchmark will be reached with electricity generation or tariff increase by 4.8%</i>					
Project participant response					Date: DD/MM/YYYY
Documentation provided by project participant					
N/A					
VVB assessment					Date: 03/05/2026
During the current monitoring period, the electricity generation achieved by the project has been reviewed against the ex-ante assumptions applied during validation. Based on the verification of monitored generation data and the emission reduction calculations, the actual electricity generation has not exceeded the ex-ante estimated level to an extent that would trigger the sensitivity threshold identified during validation. Accordingly, the condition specified in the FAR, namely a material increase in electricity generation and/or tariff that could affect the benchmark analysis and additionality assessment, has not occurred during the monitoring period. Therefore, reassessment of additionality is not required at this stage. FAR closed for the current verification period.					

Table 2. CL from this Validation/Verification

CL ID	01	Section no.		Date:	27/04/2026
Description of CL					
1. PP is to submit the proof of manufacturing specification 2. LSC report. 3. SDG proofs 4. Monthly generation records. 5. Grievance mechanism documentation 6. Employment contracts of project staff 7. Calibration records					
Project participant response					Date: 30/04/2026
<i>The data has been shared through following sharefolder: BIM Solar - Verification 4</i>					
Documentation provided by project participant					
VVB assessment					Date: 03/05/2026
The data shared has been verified and the supporting documents are found to be acceptable hence the CL is closed.					

CL ID	02	Section no.	D	Date:	27/04/2026
Description of CL					
Clarify treatment of curtailment losses and confirm they are excluded from ER calculations.					
Project participant response					Date: 30/04/2026
<i>Curtailment losses cannot be treated separately because they are imposed by the grid primarily. The grid accepts and pays only for the metered electricity generation, and this same metered generation is used for ER calculation. Therefore, curtailment VVBs not affect the ER computation.</i>					
Documentation provided by project participant					
N/A					
VVB assessment					Date: 03/05/2026
The clarification provided PD is seems to be acceptable and the curtailment details are mentioned in the APPENDIX of the MR , hence the CL is closed.					

CL ID	03	Section no.	D.2	Date: 27/04/2026
Description of CL				
1. Provide justification for lower employment compared to ex-ante estimates. 2. Training data under SDG 8 is inconsistently presented. Lacks clear summary of total trainings and participants. PP shall provide a structured summary for the monitoring period. 3. Clarify whether awareness programs target external stakeholders/community or only employees.				
Project participant response				Date: 30/04/2026
1. <i>The lower employment compared to the ex-ante estimate is mainly due to the difference between projected and actual operational manpower requirements. The ex-ante estimate was prepared during the project planning stage and included anticipated staffing needs. During actual implementation and operation, the project achieved more efficient manpower deployment through streamlined O&M practices, shared support functions, subcontracted/outsourced services, and operational optimisation. As a result, the current employment level is reduced than ex-ante. This VVBs not indicate reduced project activity but rather reflects the actual staffing requirement under normal operation.</i> 2. <i>Training data has been revised based on the training's records.</i> 3. <i>The awareness programmes are intended for both internal and external stakeholders. However, due to the availability of external stakeholders and their other commitments, it may not always be practical to engage them as a group. Therefore, the awareness sessions may be conducted internally or externally, depending on stakeholder availability.</i>				
Documentation provided by project participant				
-				
VVB assessment				Date: 03/05/2026
The project participant has provided adequate clarification regarding the lower employment figures during the monitoring period, attributing the variance to actual operational optimisation and reduced manpower requirement compared to ex-ante projections. The training information under SDG 8 has been revised and structured summaries of trainings and participants have been incorporated in the monitoring report. Clarification has also been provided regarding the scope of awareness programmes, confirming that activities may target both internal and external stakeholders depending on stakeholder availability. Based on the revised explanations and corresponding updates in the monitoring report, the clarification is considered adequately addressed, hence the CL is closed.				

CL ID	04	Section no.	E	Date: 27/04/2026
Description of CL				
1. Provide details on data backup, security, and retrieval procedures. 2. Clarify procedures followed in case of meter failure or data gaps during the monitoring period.				
Project participant response				Date: 30/04/2026
1. <i>The following details are included under section C in detail: The plant uses a SCADA system to automatically record and store operational data, including electricity generation data. SCADA data are periodically backed up, and system access is restricted to authorised personnel through login credentials/access rights. Historical data can be retrieved from the SCADA database and exported for monitoring, verification and audit purposes.</i> 2. <i>The following details are included under section C in detail: In case of meter failure or data gaps, the issue will be recorded and rectified by the responsible technical/O&M team. The affected period will be identified, and available supporting records such as SCADA logs, backup meter data, utility/grid records or meter reading reports will be used for cross-checking. Any data substitution or estimation, if required, will be clearly documented with justification and supporting evidence for verification.</i>				
Documentation provided by project participant				
-				
VVB assessment				Date: 03/05/2026
The project participant has clarified the data backup, security, and retrieval arrangements implemented through the SCADA system, including periodic backup procedures and restricted access controls. The procedures applicable in case of meter failure or data gaps have also been described, including identification of affected periods, cross-checking against supporting records, and documentation of any data substitution or estimation. The information provided is considered sufficient for verification purposes. Hence the CL is closed.				

CL ID	05	Section no.	D.3	Date: 27/04/2026
Description of CL				
Training data under SDG 8 is inconsistently presented. Lacks clear summary of total trainings and participants. PP shall provide a structured summary for the monitoring period.				
Project participant response				Date: 30/04/2026
<i>The training details have been revised in the MR based on the available supporting data. A structured summary has been added to clearly present the total number of trainings conducted and the total number of participants during the monitoring period.</i>				
Documentation provided by project participant				
-				
VVB assessment				Date: 03/05/2026
The project participant has revised the training information in the monitoring report and incorporated a structured summary clearly indicating the total number of trainings conducted and total participants during the monitoring period. The revised presentation adequately addresses the clarification request. Hence the CL is closed.				

Table 3. CAR from this Validation/Verification

CAR ID	01	Section no.	D.2	Date: 27/04/2026
Description of CAR				
- Discrepancies observed between generation values reported in Sections D.2 and E.2. PP shall reconcile and ensure consistency across all sections and ER calculations. - PP shall correct and clearly define whether the parameter represents gross or net generation, ensuring consistency with ACM0002 and ER calculations.				
Project participant response				Date: 30/04/2026
<i>The generation value reported in Section D.2 refers to gross electricity generation, while Section E.2 refers to net electricity generation after deducting auxiliary consumption. The ER calculation is based on the applicable net electricity generation, and the MR has clearly distinguished gross and net generation values to ensure consistency across all sections.</i> <i>The parameter has been revised to clearly define the generation value as net electricity generation, after deducting auxiliary consumption. This is consistent with ACM0002 and the ER calculation approach. The MR has also been updated to ensure the same definition is applied consistently across all relevant sections.</i>				
Documentation provided by project participant				
-				
VVB assessment				Date: 03/05/2026
The project participant has clarified that the value reported in Section D.2 represents gross electricity generation, while Section E.2 reflects net electricity generation after deduction of auxiliary consumption. The monitoring report has been revised to clearly distinguish these parameters, and the emission reduction calculations have been confirmed to use net electricity generation in line with the applicable methodology. Hence the CAR is closed.				

CAR ID	02	Section no.	D.2	Date: 27/04/2026
Description of CAR				
- Auxiliary consumption is not fully disaggregated across plants and periods. PP shall provide complete, plant-wise monitored data aligned with ER calculations. - PP shall reconcile total generation values across the MR and ensure consistency with ER spreadsheet. (Section D.2 (Total: 1,025,065 MWh) vs Section E.2 (Total: 1,021,489 MWh))				
Project participant response				Date: 30/04/2026
<i>The ER spreadsheet already provides the monthly auxiliary consumption data on a plant-wise basis, which is aligned with the ER calculations. In the MR, only the summarized auxiliary consumption was presented for reporting purposes.</i> <i>As mentioned previously, 1,025,065 refers to the gross electricity generation, while 1,021,489 refers to the net electricity generation after deducting auxiliary consumption.</i>				
Documentation provided by project participant				

-	
VVB assessment	Date: 03/05/2026
The project participant has confirmed that plant-wise monthly auxiliary consumption data are available in the emission reduction spreadsheet and are consistent with the emission reduction calculations. The difference between the reported total generation values has also been clarified as the distinction between gross and net electricity generation. Based on the explanation provided and the revised documentation, Hence the CAR is closed.	

CAR ID	03	Section no.	C	Date: 27/04/2026
Description of CAR				
Calibration frequency and practices are not clearly justified against standards. PP shall clarify compliance with national regulations, manufacturer recommendations, and GS requirements.				
Project participant response				Date: 30/04/2026
<i>The calibration practice has been clarified in Section C of the MR. The main tariff meters are validated by EVN annually in line with EVN/national requirements, while other electricity meters are verified once every three years as per applicable regulatory requirements and supplier/manufacturer recommendations. The calibration/verification is carried out by an independent accredited third party, and the relevant calibration certificates are available for GS-VVB review. This approach ensures compliance with national regulations, manufacturer recommendations and GS monitoring requirements.</i>				
Documentation provided by project participant				
-				
VVB assessment				Date: 03/05/2026
The project participant has clarified the calibration and verification frequency applicable to the monitoring equipment and has demonstrated alignment with national regulatory requirements, manufacturer recommendations, and monitoring requirements. The annual validation of tariff meters and periodic verification of other meters by an independent accredited third party have been confirmed, and supporting calibration certificates have been made available for review, Hence CAR is closed.				

CAR ID	04	Section no.	A.4	Date: 27/04/2026
Description of CAR				
Overlap between CP-01 and CP-02 observed. PP shall clarify crediting structure and confirm no double counting of emission reductions.				
Project participant response				Date:
Documentation provided by project participant				
<i>The crediting period has been amended in the revised MR.</i>				
VVB assessment				Date: 03/05/2026
The project participant has revised the monitoring report to amend the crediting period and clarify the crediting structure of CP-01 and CP-02. Based on the revised monitoring report, the identified overlap has been resolved and no double counting of emission reductions has been identified for the monitoring period under verification. Hence the CAR is closed.				

Table 4. FAR from this Verification

FAR ID	xx	Section no.		Date: DD/MM/YYYY
Description of FAR				
NA				
Project Representative (BIM solar) response				Date: DD/MM/YYYY
Documentation provided by Project Representative (BIM solar)				
VVB assessment				Date: DD/MM/YYYY