GS4GG Verification (Performance Certification) Report

Project Title
Renewable Energy Wind Power Project in Rajasthan

For
Vish Wind Infrastrukture LLP

Report No- GS.VER.18.23

Revision No-01

Date: 01/04/2020

SECTION A. Executive summary

The basic details of the GS project activity are mentioned below:

Project title	Renewable Energy Wind Power Project in Rajasthan
ESPL ref.No.	GS.VER.18.23
GS ID	GS5007
UNFCCC registration number	5090
Date of GS registration	28/11/2016
GS4GG Version	1.2
GS4GG Activity Requirements	Renewable Energy Activity Requirements GS4GG Code 201 RE
Technical Area(TA)	TA 1.2
Selected Sustainable Development Goals (SDGs)	SDG 3, SDG 7, SDG 8 and SDG 13
Sectoral scope (UNFCCC)	1
GS4GG Sectoral Scope:	2
GS4GG Certified Product	GHG Emission Reductions
GS4GG SDG Impact Statement	Not applicable

This verification is an independent and objective review for the additional Gold Standard (GS4GG) requirement, for the monitoring period from 01/09/2017 to 31/12/2018 for the project activity "Renewable Energy Wind Power Project in Rajasthan" (GS ID-5007 & UN Ref. No - 5090), this verification report doesn't include the verification of the GHG parameters but only review the additional requirements for GS labelling the already issued CER. The current monitoring period covers the period from 01/09/2017 to 31/12/2018 and carbon credits for this period are currently in the process of issuance/20/.
The emission reductions which are being verified for the period 01/09/2017 to 31/12/2018, in this report, will only be deemed final after the successful issuance of the CERs from the CDM EB.
The verification report addresses the implementation and operation of the GS PA and tests the data and assertions set out in the monitoring report based on the following:

(i) The registered GS/CDM PDD and Passport
(ii) The approved methodology mention in the PDD and passport
(iii) UNFCCC criteria referred to in the Kyoto Protocol criteria and the CDM modalities and procedures as agreed in the Bonn Agreement and the Marrakech Accords
(iv) The latest GS4GG principles and requirements v 1.2
(v) CDM Validation and Verification Standard (VVS) for PAs
(vi) CDM Project Standard (PS) and Project Cycle Procedure (PCP) for PAs
(vii) Relevant decisions, guidance and clarifications of the CMP and CDM Executive Board and any other information and references relevant to the project activity's reported emission reductions

The verification has considered both quantitative and qualitative aspects on stated/reported emission reductions. The monitoring report (all versions) and corresponding supporting documentation was assessed in accordance with the rules defined by UNFCCC, as appropriate to the PA.
The verification is not meant to provide any consulting or recommendations to the CME/others. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the monitoring activities.

The verification process involved following;

- Contract with Vish Wind Infrastrukture LLP
- for the scope of verification;
- Submission of monitoring report and supporting documents
- Desk review
- Physical on-site inspection
- Issuance of verification findings
- Reporting, calculation checks, QA/QC and resolution of findings
- Issuance of draft verification report
- Independent technical review of the project documentation
- Issuance of the final verification report
- Submission of the request for issuance, as appropriate

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 DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Team Leader and Local Expert	EI	Soni	Ravi Kant	Central office	Y	Y	Y	Y
2.	Verifier	IR	Gupta	Anshika	Central office	Y	N	N	Y
3.	Meth Expert	EI	Soni	Ravi Kant	Central office	Y	Y	Y	Y
4.	Technical Expert	EI	Soni	Ravi Kant	Central office	Y	Y	Y	Y
5.	Financial/ Other Expert	EI/IR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6.	Trainee	EI/IR	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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 DOE or outsourced entity)
1.	Technical reviewer	IR	Garg	Shreya	Central office
2.	Approver	IR	Singh	Kaviraj	Central office

SECTION C. Application of materiality

C.1. Consideration of materiality in planning the verification

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Omissions and misstatements in data transfer from hand written data in the JMR to ER calculation sheet.	Low	Ineffective quality control of data transfer due to unclear QA/QC procedure.	Quality procedure followed at site to be checked. It is to be demonstrated by the PP that how to transfer data and how this can be crosschecked. Relevant site personnel has been interviewed to confirm whether procedure is actually conducted.
2.	Missing data due to failure of measurement equipment	Low	The monitoring plan defines emergency procedures in case malfunctioning or	It is to be checked if related main meters are installed as per monitoring plan.

			failure of meter. Further, check meters are also installed onsite.	Relevant site personnel has been Interviewed to confirm whether the emergency procedure is known to them. To be checked if the equipment is malfunctioning and the accuracy and reliability of data for the concerned period cannot be ensured, the relevant emission reductions have been claimed or not.

C.2. Consideration of materiality in conducting the verification

>> The project activity is large scale project and applicable threshold for materiality in accordance with CDM VVS for PAs Version 02.0 paragraph 3269(c) is 2%. All the monthly reported figures for parameter $EG_{facility,y}$ were verified with respective monthly breakup sheets and were found to be consistent. Therefore, it can be stated that the verified value is free from any potential error / omission / misstatement. The project activity, being a wind energy project, has assumed the project emission and leakages to be zero which is in line to the applied methodology and is also reasonable in the opinion of assessment team. Therefore, there are no additional factors which might lead to introduction of error in emission reduction estimation.

SECTION D. Means of verification

D.1. Desk review

The verification is performed primarily as a desk review of the documents submitted at various stages of assessments. The review is performed by assessment team using dedicated protocols (checklists). The assessment team cross checks the information provided in the documents (MR) and information from sources other than those used, if available, and also conducts independent background investigations. Earthood conducted a desk review as under;

a) A review of the data and information presented to verify their completeness
b) A review of the monitoring plan (as described in PDD and passport), the monitoring methodology including applicable tool(s) and, where applicable, the applied standardized baseline, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures
c) A review of calculations and assumptions made in determining the GHG data and emission reductions;
d) 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 during the verification is provided under appendix 3 of this report.

D.2. On-site inspection

Duration of on-site inspection: 18/06/2019 and 19/06/2019				
No.	**Activity performed on-site**	**Site location**	**Date**	**Team member**
1.	An assessment of the implementation of sustainability monitoring plan and operation of the registered project activity as per the registered passport; A review of information flows for generating, aggregating and reporting the monitoring parameters; Interviews with relevant personnel to determine whether the operational and data collection procedures are implemented in accordance with the monitoring plan in the Passport; A cross check between information provided in the monitoring report and data from other sources such as plant logbooks, inventories, purchase records or similar data sources; An identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters. Interview and feedback of the relevant stakeholders about the PA.	Jodhpur/Jaisalmer	18/06/2019 and 19/06/2019	Ravi Kant Soni

D.3. Interviews with project participants

No.	**Interviewee**			**Date**	**Subject**
	Last name	**First name**	**Affiliation**		
1.	Kumar	Navneet	VWLLP	18/06/2019 and 19/06/2019	Monitoring of SDG parameters
2.	Mangal	Jaiprakash	WWIL	18/06/2019	Monitoring of SDG parameters
3.	Kumar	Jitendra	WWIL	18/06/2019 and 19/06/2019	Monitoring of SDG parameters
4.	Ram	Sharvan	WWIL	18/06/2019	Monitoring of SDG parameters

D.4. Interviews with local stakeholders

ESPL as a part of verification procedure conducted a comprehensive interaction with stakeholders. It was done during the site visit on 18/06/2019 and 19/06/2019. It included interaction with the local villagers and representatives of PP. The assessment team have interviewed the local stakeholders and they were questioned for various topics as summarized below;

- Effect of project on their livelihood and income
- Any problem related to wind turbine installation in nearby areas
- Does the noise generated by wind turbines disturbs any of their activity or comfort
- Are they happy with the benefits and development as CSR activity of the PP
- General feedback about wind farms
- Do they know about the grievance and feedback back register/mechanism?
- Any concerns or feedback; Positive (P) and Negative (N)

No.	Name of Stakeholder	Address	Feedback (Positive/Negative/Concerns)
1.	Khet Singh	Local villager	Positive
2.	Sumer	Local villager	Positive
3.	Madna Ram	Local villager	Positive
4.	Rampratap	Local villager	Positive
5.	Ashok Jakhar	Local villager	Positive
6.	Devaram	Local villager	Positive
7	Deepak Sisodiya	Local villager	Positive
8	Rameshwar	Local villager	Positive
9	Madan Lal	Local villager	Positive
10	Gopal Manda	Local villager	Positive

D.5. Sampling approach

>> No sampling approach has been applied by the verification team as all the monthly reported figures in the MR/05/ and the ER sheet/06/ were checked from the actual records.

D.6. Clarification requests, corrective action requests and forward action requests raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form	-	-	-
Compliance of the project implementation with the GS registered PDD/Passport	-	-	-
Post-registration changes	-	-	-
Compliance of the implementation of grievances mechanism in line with the registered GS PDD/Passport	-	CAR #2	-
Compliance of the CDM monitoring plan with the monitoring methodology including applicable tool and standardized baseline	-	-	-
Compliance of monitoring activities with the CDM registered monitoring plan	-	-	-
Compliance of SDG outcomes monitoring activities with the approved GS PDD/Transition annex	-	CAR #1	-
Compliance with the calibration frequency requirements for measuring instruments	-	CAR #3	-
Assessment of data and calculation of emission reductions or net removals		-	-
Others (please specify)	-	-	-
Total	-	03	-

SECTION E. Verification findings

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

Means of verification	The monitoring report form used is GS4GG MR template form version 01, which was the appropriate form and the latest version available at the time of verification. All the sections of the form were filled as per the guidelines and gave all the relevant details.
Findings	No finding was raised.
Conclusion	The monitoring report is found to be complying with the monitoring report form.

E.2. Remaining forward action requests from validation and/or previous verification

>> This is second verification of the project activity under GS and no FAR(s) from validation /02 / or previous verification /19/ that need to be closed during this verification.

E.3. Compliance of the project implementation with the registered project design document

Means of verification	The project activity consists of 37 WTGs (0.8 MW capacity each), making the total installed capacity to be 29.6 MW in the Jodhpur and Jaisalmer district in Rajasthan, India. The WTGs are of Wind World (E-53) make. The WTGs have been commissioned between 23/09/2010 and 26/01/2011. The same was verified against the commissioning certificates/10/. The commercial operation of the project activity had been started on 23/09/2010 and 26/01/2011, which was verified vide commissioning certificates/10/ and corroborated by monthly breakup sheets/21/ prepared by O&M contractor and approved by state utility, indicating the start date of commercial operation. The WTGs belong to project activity are installed at Jaisalmer and Jodhpur site and connected to various clusters and each cluster have exclusive dedicated metering arrangement at 33kV at project site. Similarly, the WTGs of other project developers (non-project activity) are also connected to separate clusters having exclusive dedicated metering arrangement at 33kV at project site. All the cluster meters (for the project activity and non-project activity are further connected at 220 kV Wind World sub-station (Bhu sub-station, Jaisalmer) and at 132 kV Wind World sub-station (Salodi sub-station, Jodhpur) through 33 kV bus, from where the electricity supplied to DISCOM sub-station (Akal,Jaisalmer) and (PS-8 Narwa,Jodhpur) respectively. At both the substations the electricity generated by all the WTGs (project and non-project) is being fed to the NEWNE grid through two separate lines. Each line having one set of meters (main and check meter) and monthly reading is taken by the RRVPNL representatives in the presence of WWIL officials in the form of JMR. It was observed during the site visit that, the WTGs (project activity and non-project) are connected to the sub-station meters (common metering points) at Jaisalmer and Jodhpur site. Hence, in order to calculate the net electricity exported to the grid by the WTGs of the project activity alone, an apportioning procedure is followed which has been correctly described in section C of the MR/06/ and in section B.7.2 of the registered PDD/1.1/. The rated capacities of transformers were also indicated at the metering points located in the DISCOM substation/07/ and the same was found to be consistent with description given in the registered PDD. Furthermore, capacity of transformers verified through the specifications mentioned at the name plate of transformer/07/ and found consistent with registered PDD /1.1/ and MR. The project implementation, with reference to GS passport, was checked on site to confirm the following: • The monitoring system including the measurement of parameters, data collection and archiving was also implemented and operated inline to the GS passport/1/, /13/. • The emission reduction was achieved in compliance with applied methodology, GS passport. • The project contributes to the sustainable development which includes, but not limited to, enhancement of local economy, creating employment and many other benefits to the rural population.
Findings	No issues identified and hence finding was not raised for this section
Conclusion	• In view of the information's verified during the site visit, the verification team is able to confirm that all physical features (technology, project equipment, and monitoring and metering equipment) of the registered CDM project activity are in place and that the project participants have operated the project activity as per the registered PDD. • No information with regard to data and variables was identified that may

	surpass the estimated quantity of ERs in the registered PDD. • The emission reductions achieved during the current monitoring period are (42,481 tCO_2e), that is within the estimated quantity (65,362 tCO_2e) in the registered PDD for the comparable period.

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents[1]

>> There are no temporary deviations from registered monitoring plan or applied methodology. It was verified and confirmed from the registered PDD/1.1/; the applied methodology/08/ and the on-site verification.

E.4.2. Corrections

>> There are no corrections during the current monitoring period.

E.4.3. Changes to the start date of the crediting period

>> There is no change to the start date of the crediting period. It was verified and confirmed from the UNFCCC project webpage/13/.

E.4.4. Inclusion of a monitoring plan

>> Not applicable

E.4.5. Permanent changes from registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

>> There are no permanent changes from the registered monitoring plan/1.1/ or applied methodology/08/ during the current monitoring period.

E.4.6. Changes to the project design

>>Not applicable

E.4.7. Changes specific to afforestation and reforestation project activities

>> Not applicable

E.5. Compliance of monitoring plan with the monitoring methodology including applicable tool and standardized baseline

Means of verification	Compliance of the monitoring activities related to parameters used in the emission reduction calculations were already verified during the site visit. The monitoring plan outlined in the registered PDD is in accordance with the applied methodology and correctly applied by the registered CDM project activity. During the site visit the verification team has verified the sustainability monitoring plan and found to be in compliance with the registered passport.
Findings	No issues identified in section hence finding was not raised.
Conclusion	The monitoring plan outlined in the GS Passport is in accordance with the applied methodology /08/ and correctly applied by the project activity.

[1] Other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the applied(selected) methodologies are collectively referred to as the other (applied) methodological regulatory documents).

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

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

Relevant SDG Indicator 13.2.1: Number of countries that have communicated the establishment or operationalization of anintegrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)

Operating Margin Emission Factor of NEWNE Electricity Grid (EF $_{grid,OM,y}$ tCO_2e/MWh)

Means of verification	The value of this parameter is considered as 1.0050. This was checked with the registered PDD /1.1/ and CO2 Baseline Database for Indian Power Sector", version 05 published by the Central Electricity Authority, Ministry of Power, Government of India .
Findings	No finding was raised
Conclusion	The value in the monitoring report /05/ and corresponding emission reduction calculations spreadsheet /06/ are consistent with the registered PDD (page 25). The applied value is correct and justified.

E.6.1.2 Build Margin Emission Factor of NEWNE Electricity Grid (EF $_{grid,BM,y}$, tCO_2e/MWh)

Means of verification	The value of this parameter is considered as 0.6752. This was checked with the registered PDD /1.1/ and CO2 Baseline Database for Indian Power Sector", version 05 published by the Central Electricity Authority, Ministry of Power, Government of India.
Findings	No finding was raised
Conclusion	The value in the monitoring report /05/ and corresponding emission reduction calculations spreadsheet /06/ are consistent with the registered PDD/1.1/ (page 26). The applied value is correct and justified.

E.6.1.3 Combined Margin Emission Factor of NEWNE Electricity Grid ($EF_{grid,CM,y}$, tCO_2e/MWh)

Means of verification	The value of this parameter is considered as 0.9225. This was checked with the registered PDD /1.1/ and CO2 Baseline Database for Indian Power Sector", version 05 published by the Central Electricity Authority, Ministry of Power, Government of India.
Findings	No finding was raised.
Conclusion	The value in the monitoring report /05/ and corresponding emission reduction calculations spreadsheet /06/ are consistent with the registered PDD/1.1/ (page 26). The applied value is correct and justified.

E.6.2. Data and parameters monitored (Carbon Verification)

The verification of monitoring parameters are in accordance with the monitoring plan described in the registered PDD; the emission reductions (ER) achieved during the period from 01/09/2017 to 31/12/2018 are currently under issuance at UNFCCC /20/.

E.6.3. Data and parameters monitored (SDG outcomes monitoring)

E.6.3.1: Net electricity generation supplied to the grid by the Project activity, $EG_{facility,y}$ (MWh)

Relevant SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption

Means of verification	**Criteria/Requirements**	

	Measuring /Reading /Recording frequency	The parameter is calculated as difference of $EG_{Export,y}$ and $EG_{Import,y}$ and recorded monthly basis in line with the approved monitoring plan. $EG_{facility,y} = EG_{Export,y} - EG_{Import,y}$ Where, EG_{Export}= Electricity exported by the project activity to the grid EG_{Import}= Electricity imported by the project activity to the grid
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes. In line with the approved monitoring plan, this parameter is recorded on monthly basis in the breakup sheets issued by state utility.
	How were the values in the monitoring report verified?	The data transfer process for the said parameter is as follows: The Joint meter reading at all the metering points at DISCOM substation is taken by the representatives of DISCOM (RRVPNL) in the presence of WWIL officials in the form of JMRs. Based on the data recorded in the JMRs and generation recorded at WTGs panel meters, electricity exported/imported to/from the grid by the project activity is calculated by O&M contractor, using the apportioning procedure and breakup sheets for each project developer is prepared which is endorsed by state utility(DISCOM). Cumulative value of $EG_{facility,\ y}$ for entire monitoring period is reported in the monitoring report, however monthly values are reported in the ER calculation sheet. The monthly values were verified from the breakup sheets issued by state utility and found to be consistent. Value of this parameter for the current monitoring period is 46,058.234 MWh.
	If applicable, has the reported data been cross-checked with other available data?	Monthly reported values of $EG_{facility,y}$ for the current monitoring period were further cross-checked with the monthly invoices raised by the PP /15/ to state utility and found to be consistent.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, all the stakeholders, namely, the Grid Authority (DISCOM), and the WWIL (O&M Contractor), implemented the adequate QA/QC procedures.
Findings	No issues identified and hence finding was not raised for this section	
Conclusion	The parameter has been monitored appropriately, in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.3.2: Electricity export to the grid by the Project activity, $EG_{Export,y}$ (MWh)

Relevant SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption

Means of verification		
	Criteria/Requirements	
	Measuring /Reading /Recording frequency	The parameter is calculated and recorded on monthly basis using following measured parameters: (a) Monthly export readings recorded at grid-interconnection point (JMR Reading) and

		(b) Generation recorded at LCS meter at each WTG.
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	The monitoring of parameter has been implemented in accordance with the registered monitoring plan.
	How were the values in the monitoring report verified?	The data transfer process for the said parameter is as follows: The Joint meter reading at all the metering points at DISCOM substation is taken by the representatives of DISCOM in the presence of WWIL officials in the form of JMRs. Based on the data recorded in the JMRs and generation recorded at WTGs panel meters, electricity exported/imported to/from the grid by the project activity is calculated by O&M contractor, using the apportioning procedure and breakup sheets for each project developer is prepared. Cumulative value of $EG_{Export,y}$ for entire monitoring period is reported in the monitoring report, however monthly values are reported in the ER calculation sheet. The monthly values were verified from the monthly breakup sheets/21/ issued by state utility and found to be consistent. Value of this parameter for the current monitoring period is 46,144.608 MWh.
	If applicable, has the reported data been cross-checked with other available data?	Monthly reported values of $EG_{Export,y}$ for the current monitoring period were further cross-checked with the monthly invoices raised by the PP /22/ to state utility and found to be consistent.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, all the stakeholders, namely, the Grid Authority (RRVPNL)), and the WWIL (O&M Contractor), implemented the adequate QA/QC procedures.
Findings	No issues identified and hence finding was not raised for this section	
Conclusion	The parameter has been monitored appropriately, in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.3.3: Electricity Import from grid by the Project activity, $EG_{Import,y}$ (MWh)

Relevant SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption

Means of verification	**Criteria/Requirements**	
	Measuring /Reading /Recording frequency	The parameter is calculated and recorded on monthly basis using following measured parameters: (a) Monthly export readings recorded at grid-interconnection point (JMR Reading) and (b) Generation recorded at LCS meter at each WTG.
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	The monitoring of parameter has been implemented in accordance with the registered monitoring plan.
	How were the values in the monitoring report verified?	The data transfer process for the said parameter is as follows: The Joint meter reading at all the metering points at DISCOM substation is taken by the representatives of DISCOM in the presence of WWIL officials in the form of JMRs. Based on the data recorded in the JMRs and generation recorded at WTGs panel meters, electricity exported/imported to/from the grid by the project activity is calculated by O&M contractor, using the apportioning procedure and breakup sheets for each project developer is prepared. Cumulative value of $EG_{Import,y}$ for entire monitoring period is reported in the monitoring report, however monthly values are reported in the ER calculation sheet. The monthly values were verified from the monthly breakup sheets/21/ issued by state utility and found to be consistent. Value of this parameter for the current monitoring period is 86.374 MWh.
	If applicable, has the reported data been cross-checked with other available data?	Monthly reported values of $EG_{Import,y}$ for the current monitoring period were further cross-checked with the monthly invoices raised by the PP /22/ to state utility and found to be consistent.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, all the stakeholders, namely, the Grid Authority (RRVPNL)), and the WWIL (O&M Contractor), implemented the adequate QA/QC procedures.
Findings	No issues identified and hence finding was not raised for this section	
Conclusion	The parameter has been monitored appropriately, in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.3.4: Summation of net electricity generation (Gross Export-Gross Import) by all the WEGs of project activity (j number of WEGs), as measured at the controller (LCS meter) at project site. Each WEG has exclusive LCS meter that records net electricity generation (Gross Export-Gross Import) from the WEG. j is number of WEGs of project activity connected to main meter (JMR/billing meter) at DISCOM substation and backup meter at WWIL substation.

Relevant SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption

Means of verification	**Criteria/Requirements**	
	Measuring /Reading /Recording frequency	The parameter is continuously measure, recorded hourly and reported monthly in line with the registered monitoring plan.
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes. In line with the approved monitoring plan, this parameter is recorded on monthly basis in the monthly generation reports (MGR) issued by O&M contractor/23/.
	How were the values in the monitoring report verified?	The data is generated and recorded in the SCADA system automatically. The O&M contractor, based on recorded data in the SCADA system, prepares the daily generation reports. These daily generation reports are used to prepare monthly generation reports. The monitoring procedures were sufficiently robust to enable accurate transmission of data. Monthly values are reported in the ER calculation sheet. The monthly values were verified from the monthly generation reports/23/ issued by state utility and found to be consistent.
	If applicable, has the reported data been cross-checked with other available data?	Not applicable, as the generation recorded at the LCS meter is cross verified by the energy calculated by inverting system installed in the WTGs.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Grid Authority (RRVPNL), and the WWIL (O&M Contractor), implemented the adequate QA/QC procedures.
Findings	No issues identified and hence finding was not raised for this section	
Conclusion	The parameter has been monitored appropriately, in accordance with the registered monitoring plan (as per measurement methods and procedures to be applied) and applied methodology. The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.3.5: Quality of Employment

Relevant SDG Indicator 8.5.2: Unemployment rate, by sex, age and persons with disabilities

Means of verification	**Criteria/Requirements**	
	Measuring /Reading /Recording frequency	Quality of employment generated by the project activity is monitored. Project participant conducts various activities on regular basis for improving the skills and thereby quality of

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<tr><td></td><td>
<table>
<tr><td></td><td>employment of its employees. Various indicators of quality of employment viz. quality job creation, working conditions, health care facilities, skill build-up through workshops and trainings, putting safeguard in place and living standard of the plant staff are monitored as and when such activities are organised/12,15,16/.</td></tr>
<tr><td>Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)</td><td>The measuring and recording frequency is in line with the monitoring plan of registered passport.

The project passport requires the quality of employment to be monitored on annual basis. The assessment team confirms that the monitoring of quality of employment with reference to various parameters viz. training, occupational health, safety of employees and working environment is being done on annual basis /12,15,16,17/.</td></tr>
<tr><td>How were the values in the monitoring report verified?</td><td>The following training programs/12/ to enhance the safety awareness, operational skills and occupational health management have been organized during the current monitoring period.
<table>
<tr><td>Training Objective</td><td>Date</td></tr>
<tr><td>Mock drill conducted for (OH&S / Environment) emergency Health</td><td>15/12/2017</td></tr>
<tr><td>HSE training programs related to job safety, Incident Management and work permit revision</td><td>04/12/2018</td></tr>
</table></td></tr>
<tr><td>If applicable, has the reported data been cross-checked with other available data?</td><td>Yes, the reported data has been cross checked with thequantitative information about the quality of employment which includes the records of HR, training, health care facilities etc. are maintained /9,12/.</td></tr>
<tr><td>Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?</td><td>Counting of the number of trainings and respective attendees is done by a training attendance sheet which states the programme name, venue, faculty, date and timing, attendee details (employee code, name, designation and department). Each training attendance sheet has a unique form number. Numbers of jobs created has been categorized and records are maintained accordingly. Records of any activity related to the quality of employment is maintained by HR.</td></tr>
</table>
</td></tr>
<tr><td>Findings</td><td>CAR #1 was raised and resolved</td></tr>
<tr><td>Conclusion</td><td>The parameter has been monitored appropriately, in accordance with the sustainability monitoring plan (as per measurement methods and procedures to be applied). The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.</td></tr>
</table>

E.6.3.6: Human and Institutional capacity

Relevant SDG Indicator 3.8.1: Coverage of essential health services (defined as the average coverage of essential services based on tracer interventions that include reproductive, maternal, new born and child health, infectious diseases, non-communicable diseases and service capacity and access, among the general and the most disadvantaged population)

<table>
<tr><td>Means of verification</td><td>
<table>
<tr><td>Criteria/Requirements</td><td></td></tr>
<tr><td>Measuring /Reading /Recording frequency</td><td>It’s a sustainable development parameter which monitors the number of number of initiatives, events and programmes, primarily Health and Education Camps and villagers directly or indirectly benefited by the CSR activity initiatives, referring to the project,</td></tr>
</table></td></tr>
</table>

		undertaken by the project proponent.This parameter are monitored on annual basis.
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	The number of local villagers, directly and indirectly benefited by the project activity, is monitored annually which is found in line to the frequency set in passport /01/.
	How were the values in the monitoring report verified?	Project proponent has initiated the number of CSR programmes pertaining to capacity building, health, education etc. The main CSR activities/11/ verified are as below; • As part of its endeavour to introduce healthcare awareness and contemporary health care services, fully equipped mobile medical van is launched on 24/09/2016 by organizational group in collaboration with CSR consulting partner SoulAce with ground level NGO partner (NUS-Nari Uthan Sasthan).Mobile healthcare medical van is operational across nearby 9 villages of project site(Jaisalmer district). The villagers are Barna & Khuri, Kita & Pithodai Ki Dhani, Korwa, Kotri, Pithla, Senag, Ugawa and Sipla, which will be covered for interventions where the basic access to health services is lacking. • In order to provide access of safe drinking water, in collaboration with CSR consulting partner SoulAce with local NGO(NUS-Nari Uthan Sasthan),RO systems have been in 12 government schools at Bhu,Sipla and Tinwari sites. • The project devloper has launched CSR program to ensure better Health, Education, Sanitation & Hygiene to under prevailed government school students. The local NGO partner DHARA sansthan has setup health camps, distributed school bags, note books, pencil kits and free sanitary pads to girls students. During the site visit the assessment team has verified the following information's pertaining to each initiative as mentioned above: i. Medical health van was operational and qualified medical team comprised of one MBBS doctor, Nurse, pharmacist. Medical staff and representatives of NGO were interviewed and it is confirmed that NGO having access to deserving villages which are cut off from regular health services. The health clinic is pre-scheduled with dedicated day and time for each village such that it can cover total 9 villages in Jaisalmer district. Mobile healthcare unit covers the vicinity of 20-50 kms from its centre and will visit 2-3 villages a day on a regular basis. Services being provided to villagers are of high quality, free of cost and at their doorstep. Every week the mobile health van is running in the villages and providing necessary health care facilities including referral services to the door steps of the villagers and awareness camp in their villages. ii. Availability of safe potable water is a major problem in majority of rural areas in Rajasthan. The assessment team has visited the concerned schools and confirmed that thousands of School Children have been benefited with the RO System installed. It is one of the greatest gifts one

		could donate to a community. iii. The PP has started new CSR activities with a special focus to cater the needs of underprivileged students at govt. schools. The activities considered under the CSR program are Health Support to students, Study materials to underprivileged students and promotion of menstrual hygiene awareness amongst girl students. The programs were kick started in three schools at Jaisalmer district during the month of August and there are plans to conduct such activities in other regions of Jaisalmer as well as in Jodhpur in next phase. The verification team is in opinion that estimation of the exact number of stakeholders (local villagers, students) who have been benefited by these initiatives is very difficult. However, taking note of the type of CSR activities initiated and observation of the stakeholder's interviews and time duration of monitoring period, it can be concluded that the number estimated for the beneficiaries in the MR with reference to each initiative, is reasonable and conservative. It is also important to note that the social initiatives take care of long term and broad impacts.
	If applicable, has the reported data been cross-checked with other available data?	The parameter was verified using documented evidences/11/ • Quarterly CSR reports (August 2016 to April 2017) • MIS reports (Sept 2016 to March 2017) - include number of health clinics conducted. • DHARA Sansthan Program Progress Report, October 2018 • Acknowledgement and feedback letters regarding RO installation, health camps, distribution of education kits and sanitary pads, from Principals of various Government schools. • Interviews of schools staff. • Local villager's interview and on-site observation. • Photographs relevant to particular activity,
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes during the site visit it is assured that the project proponent has appropriately maintained the records for the CSR activities, hence it can be confirmed that the QA//QC process is in place.
Findings	CAR #1 was raised and resolved.	
Conclusion	The parameter has been monitored appropriately, in accordance with the sustainability monitoring plan (as per measurement methods and procedures to be applied). The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.3.7: Quantitative employment and income generation

Relevant SDG Indicator 8.5.2: Unemployment rate, by sex, age and persons with disabilities

Means of verification		
	Criteria/Requirements	
	Measuring /Reading /Recording frequency	This is a sustainable development parameter to monitor the total number of employment opportunities created. Total number of job created for the local population is monitored on annual basis.

	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes. The monitoring frequency is in line with the passport /01/.
	How were the values in the monitoring report verified?	Total number of job created by the project is 25 which include technical VWLLP staff, security guards and office boy. This is verified from the HR records that all local guards belongs to the local areas/9/. Also, most of the staff of WWIL is from the local areas however it does have some senior personal from outside. The local contracts were also found from the local nearby areas. The assessment team has interviewed the guards and observed that almost all of the personnel were unemployed before taking up the job of security guards with the project developer. Therefore, the assessment team is in opinion that the project activity contributes to the livelihood of the poor. In addition to the direct jobs created, quite a few indirect jobs were created by the project activity like frequent visits to the project site by various stakeholders of the project (project developers, technicians, auditors, vendors and suppliers) gives rise to a demand for various support services in the local area. This results in increased livelihood options and income generation for the local population and estimation of such number is a bit difficult task.
	If applicable, has the reported data been cross-checked with other available data?	The reported data has been cross checked with the HR records maintained by the project proponent and interviewing the local stakeholders during the site visit.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	The HR department monitors and maintains the up to date records of total number of job created, necessary QA/QC processes in place.
Findings	CAR #1 was raised and resolved.	
Conclusion	The parameter has been monitored appropriately, in accordance with the sustainability monitoring plan (as per measurement methods and procedures to be applied). The monitoring results were recorded consistently as per the approved frequency in the monitoring plan.	

E.6.4. Implementation of sampling plan

Means of verification	Not applicable
Findings	Not applicable
Conclusion	Not applicable

E.6.5. Complaints received as a part of grievance mechanism

Means of verification

The verification team has checked the grievance register maintained at respective site office and confirmed that no formal complaints were received during the current monitoring period. During the site visit interactions with stakeholders(villagers) done by the assessment team and the points discussed are summarized below:

Questions asked?	Stakeholder comment/response	Name of stakeholder
Do you have any problem due to installation of project?	No negative impact on the presence of wind farms. In fact the development of wind farms will subsequently increase the property value resulting to the	Ramesh

		overall development in the region.	
	Are you aware of the grievance mechanism and complaint procedure?	Yes, we are aware of the same. Site staff visits our place time to time to get feedback from villagers. We also provide our comments in the register maintained at site office and in the lobby of the site office.	Sumer
	Do you know the contact details of GS registry staff to be communicated in case of any complaint? Contact for regional GS officer: +91 98118 73703 Email Id of regional GS officer: neha.rao@goldstandard.org	Yes we are aware of the same; all the information is available in the complaint register.	Madna Ram Rampratap
	Employments opportunities created due implementation of project activity?	Yes, many job opportunities are created for local villagers.	Rameshwar Ashok Jakhar
Findings	CAR #2 was raised and resolved.		
Conclusion	Based on the complaint register verified and interviews of local villagers during the site visit, the verification team able to conclude that: • The grievance mechanism implemented is in place • Complaints received from local villagers are consistently recorded, however no formal complaints received during the current monitoring period.		

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

Means of verification	The requirements have already been verified during CDM verification and issuance of CERs for the current monitoring period is awaited/19/, /20/.
Findings	Not applicable
Conclusion	No further verification is required in this regard.

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

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

Means of verification	The assessment team has verified the verification reports for the monitoring period from 01/09/2017 to 31/12/2018, the amount of CERs verified as 42,481 tCO_2 and request for issuance is submitted to UNFCCC/20/.
Findings	CL #1 was raised and resolved.
Conclusion	The verification team confirms that a) The complete data was available and is duly reported; b) Appropriate methods and formulae for calculating baseline GHG emissions or baseline net GHG removals were followed; c) Appropriate emission factors and other reference values were correctly applied.

E.8.2. Calculation of project GHG emissions or actual net GHG removals by sinks

Means of verification	The requirements have already been verified during CDM verification and issuance of CERs for the current monitoring period is awaited/20/.
Findings	Not applicable

Conclusion	No further verification is required in this regard.

E.8.3. Calculation of leakage GHG emissions

Means of verification	The requirements have already been verified during CDM verification and issuance of CERs for the current monitoring period is awaited/19/.
Findings	Not applicable
Conclusion	No further verification is required in this regard.

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

Means of verification	The requirements have already been verified during CDM verification and issuance of CERs for the current monitoring period is awaited EB/20/.
Findings	Not applicable
Conclusion	No further verification is required

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

Means of verification	As verified and evident from the final Monitoring Report /05/ and corresponding ER sheet /06/, the actual emission reductions achieved by the project activity in the current monitoring period were found lesser than (35% lower) the estimated quantity in the registered PDD/1.1/ for the comparable period.

Estimated ERs for comparable period as per registered PDD (tCO2e)	Actual ERs achieved in the current monitoring period (tCO2e)
65,362	42,481

Findings	No issues identified and hence finding was not raised for this section
Conclusion	The actual emission reductions achieved by the project activity are lower than the estimated quantity of ERs in the registered PDD/1.1/. Accordingly, it was accepted by the verification team.

E.8.6. Remarks on difference from estimated value in registered PDD

Means of verification	The actual emission reductions were less than the estimation in the registered PDD/1.1/ for an equivalent length of the monitoring period therefore no further explanation is required.
Findings	No finding was raised
Conclusion	The actual ERs are less than the estimated quantity of ERs as given in the registered PDD/1.1/, which is appropriate and accepted.

E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Means of verification	Based on the assessment done, the verification team is able to certify that the emission reductions from the GS project activity 5007 “Renewable energy wind power project in Rajasthan” in India during the period 01/09/2017 to 31/12/2018 (including both days) is 42,481 tCO_2e.

	First commitment period (up to 31 Dec 2012) (tCO2e)	01 Jan 2013 onwards (tCO2e)
Emission Reductions	NA	42,481

Findings	No finding was raised
Conclusion	Actual GHG emission reductions achieved during period starting from 1st January 2013 onwards was verified as 42,481 tCO_2e.

SECTION F. Internal quality control

A draft verification report prepared by assessment team is reviewed by an independent Technical Review team (one or more members) to confirm if the internal procedures established and implemented by Earthood were duly complied with and such opinion/conclusion is reached in an objective manner that complies with the applicable Gold Standard and CDM requirements. The technical review team is collectively required to possess the technical expertise of all the technical area/sectoral scope the project activity relates to. All team members of technical review team are independent of the validation team. The report approved by Quality Manager is endorsed by Managing Director, who is overall responsible to ensure quality, before final release. The further details of applicable procedures and responsibilities about Earthood Quality Management System (QMS) are available on its website (www.earthood.in).

SECTION G. Verification opinion

Earthood Services Private Limited (ESPL), contracted by Vish Wind Infrastrukture LLP , has performed the independent verification of the emission reductions for the GS Project 5007 “Renewable Energy Wind Power Project in Rajasthan” in “India ” for the monitoring period 01/09/2017 to 31/12/2018 as reported in the Monitoring Report, Version 1.1 dated 06/02/2020. The Vish Wind Infrastrukture LLP is responsible for the collection of data in accordance with the monitoring plan and the reporting of GHG emissions reductions from the project activity. Earthood commenced the verification against the baseline and monitoring methodology ACM0002, version 12.3.0 the monitoring plan contained in the PDD Version 11 dated 08/07/2014, GS Passport Version 03 dated 09/12/2016 and Monitoring Report Version 1.1 dated 06/02/2020.

ESPL confirms that the monitoring system is in place and the emission reductions are calculated without material misstatements. This verification report has been prepared using the latest available template specified by UNFCCC and complies with the instructions to follow as per para 22 and 23 of CDM VVS for PAs Version 02.0. The verification activities were conducted in accordance with ESPL’s CDM Quality Manual System as per the steps indicated under Section A of this report.

As a result, it is confirmed that the emission reductions from the GS PA (5007) “Renewable Energy Wind Power Project in Rajasthan ” are correctly reported in the Monitoring Report (final) Version 1.1 dated 06/02/2020 and corresponding ER sheet for the monitoring period 01/09/2017 to 31/12/2018 (including both days) amounted as 42,481 tCO2e. Therefore, this will be submitted as part of request for issuance as per CDM PCP for PAs Version 02.0 and GS4GG principles and requirements v 1.2.

Note:

ESPL would like to confirm that amount of CERs for the period from 01/09/2017 to 31/12/2018 are verified as 42,481 tCO2e and request for issuance for this period has been submitted to UNFCCC which is currently under process. In case if any issues raised by UNFCCC during the process that may impact on amount of CERs verified, shall be addressed in this report.

SECTION H. Certification statement

ESPL’s verification approach is based on the understanding of the risks associated with reporting of GHG emission data and the controls in place to mitigate these. ESPL planned and performed the verification by obtaining evidence and other information and explanations that ESPL considered necessary to give reasonable assurance that reported GHG emission reductions are fairly stated.

In our opinion the GHG emissions reductions reported for the project activity are fairly stated in the Monitoring Report (final) Version 1.1 dated 06/02/2020. ESPL, based on outcome of verification activities, certifies in writing that, during the monitoring period 01/09/2017 to 31/12/2018 (including both days), the registered GS PA “Renewable Energy Wind Power Project in Rajasthan” in the registered GS PA achieved the verified amount of 42,481 tCO2e reductions in anthropogenic emissions by sources of greenhouse gases that would not have occurred in the absence of the PA.

The verified amount of emission reductions is stated below as per each vintage covered under the current monitoring period.

	Emission Reductions (Amount) in this monitoring period	
Year	**Duration**	**Emission reduction**
2017	01/09/2017 to 31/12/2017	7,313 tCO2e
2018	01/01/2018 to 31/12/2018	35,168 tCO2e
Total	**Nil**	42,481 tCO2e

Approved by

Dr. Kaviraj Singh

Managing Director **Date: 09/04/2020**

Earthood Services Privated Limited **Place: Gurgaon,Haryana**

Appendix 1. Abbreviations

Abbreviations	Full texts
ABT	Availability Based Tariff
DISCOM	Distribution Company
EIL	Enercon (India) Limited
EPC	Engineering and Procurement Contractor
ESIA	Environmental and Social Impact Assessment
GOI	Government of India
GS4GG	Gold Standard for Global Goals
GS	Gold Standard
JMR	Joint Meter Reading
JVVNL	Jaipur VidyutVitran Nigam Limited
LCS	Local Controller System
MGR	Monthly Generation Reports
NEWNE	North East West North-East
O&M	Operation and Maintenance
PPA	Power Purchase Agreement
QA/QC	Quality Assurance/Quality Control
RERC	Rajasthan Electricity Regulatory Commission
RMP	Revision in Monitoring Plan
RPTCL	Rajasthan Power Transport Company Limited
RRVPNL	Rajasthan Rajya Vidyut Prasaran Nigam Limited
SFR	Stakeholder Feedback Round
WTG	Wind Turbine Generator
WWIL	Wind World India Limited

Appendix 2. Competence of team members and technical reviewers

Competence Statement	
Name	Ravi Kant Soni
Country	India
Education	B. Tech. (Mechanical Engineering) M. Tech. (Energy Management)
Experience	8 Years +
Field	Energy and Climate Change
Approved Roles	
Team Leader	YES
Validator	YES
Verifier	YES
Methodology Expert	AMS-I.D., AMS-I.C., ACM0002
Local expert	YES (India)
Financial Expert	No
Technical Reviewer	No

TA Expert	YES (TA 1.2)		
Reviewed by	Shreya Garg	**Date**	04/06/2019
Approved by	Anshika Gupta	**Date**	04/06/2019

Competence Statement			
Name	Anshika Gupta		
Country	India		
Education	M.Sc. (Climate Science & Policy), TERI University		
Experience	4 Years +		
Field	Climate Change		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS-I.A., AMS-II.G., ACM0002, AMS-III.A.V.		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert	Yes (TA 1.2, TA 3.1)		
Reviewed by	Shreya Garg	**Date**	12/03/2019
Approved by	Kaviraj Singh	**Date**	12/03/2019

Competence Statement			
Name	Shreya Garg		
Country	India		
Education	M.Sc. (Climate Science & Policy), TERI University		
Experience	6 Years +		
Field	Climate Change		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS.I.A., AMS.I.C., AMS.I.D., AMS.I.F., AMS.II.D., AMS.II.G., AMS.II.J., AMS.III.AV., ACM0002, ACM0012		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert	YES (TA 1.2, TA 3.1)		
Reviewed by	Abhishek Mahawar	**Date**	01/03/2018
Approved by	Ashok Gautam	**Date**	01/03/2018

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	PP	GS Passport	Version 03, dated 14/12/2016	Other
1.1	PP	CDM registered PDD	Ver.11,dated 08/07/2014	Other
2	ESPL	GS Validation Report,	Version 02,dated 29/09/2016	Other
3	PP	ER spread sheet (initial)	Version 1.0 dated 17/02/2020	PP
4	PP	Monitoring Report	Version 1.0 dated 31/12/2019	PP
5	PP	Monitoring Report (final)	Version 1.1 dated 06/02/2020	PP
6	PP	ER spread sheet (final)	Version 1.1,Dated 06/02/2020	PP
7	ESPL	On site verification activities including physical inspection and interviews of the personnel	Dated 18/06/2019 and 19/06/2019	Other
8	UNFCCC	Methodology ACM0002	Version 12.3.0	Other
9	PP	HR records for various parameters viz. total number of employees, type of employment, quality of employment etc.	-	PP
10	State utility	Commissioning certificates for all the WTGs	-	Other
11	PP	i. Quarterly CSR reports (August 2016 to April 2017) ii. Quarterly CSR reports (April 2018 to Oct 2018) iii. Quarterly CSR reports (August 2018 to March 2019) iv. MIS reports (Sept 2016 to March 2017) - include number of health clinics conducted. v. Interviews of schools staff vi. Local villagers interview and on-site observation vii. Photographs relevant to particular activity,	-	PP
12	PP	Training records (Attendance and photographs)	-	PP
13	UNFCCC	UNFCCC project web page	-	Other

		http://cdm.unfccc.int/Projects/DB/DNV-CUK1315481394.7/view		
14	GS	GS project webpage https://registry.goldstandard.org/projects/details/875	-	Other
15	PP	Records of Safety system and procedures implemented on site	-	PP
16	PP	Records of health care and first aid facilities for employees available on/off site	-	PP
17	PP	Policy, procedure and records for occupational safety	-	PP
18	PP	Copy of grievance register	-	PP
19	ESPL	GS verification report: For the period: 01/01/2015 to 31/08/2017	Version 01, dated 05/01/2018	Other
20	ESPL	Issuance request For the period : 01/09/2017 to 31/12/2018 (Ref: http://cdm.unfccc.int/Projects/DB/DNV-CUK1315481394.7/view)	-	Other
21	RRVPNL	Monthly breakup sheets issued by state utility	-	PP
22	VWLLP	Monthly Invoices raised by the PP to state utility	-	PP
23	VWLLP	Monthly Generation Reports issued by EPC contractor	-	PP
24	RRVPNL	Monthly JMRs issued by state utility	-	PP

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

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

FAR ID	xx	**Section no.**	xx	**Date:** DD/MM/YYYY
Description of FAR				
NA				
Project participant response				**Date:** DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				**Date:** DD/MM/YYYY

Table 2. CL from this verification

CL ID		**Section no.**		**Date :**
Description of CL				
Project participant response				**Date :**
Documentation provided by project participant				
DOE assessment				**Date:** DD/MM/YYYY

Table 3. CAR from this verification

CAR ID	01	**Section no.**	E.6.3	**Date :** 23/02/2020
Description of CAR				
SDG indicator- 8.5.2 Unemployment rate, by sex, age and persons with disabilities: There is no information regarding categories of jobs created during the monitoring period is provided. **SDG indicator-8.5.2 Unemployment rate, by sex, age and persons with disabilities** Please submit the employment records for the year 2017-2018. **SDG 3.8.1 : Human and Institutional capacity**: Please submit evidences (CSR records) for total number of initiatives, events and programmes, primarily Health and Education Camps organized during the year 2017-2018. **Section E of the MR(Calculation of SDG outcomes):** Please clarify why SDG 3 is not discussed in this section.				
Project participant response				**Date : 06/03/2020**
'**SDG indicator- 8.5.2 Unemployment rate, by sex, age and persons with disabilities'** Category wise distribution of jobs created during the monitoring period have been provided in revised MR. **SDG indicator-8.5.2 Unemployment rate, by sex, age and persons with disabilities** PP has submitted employment records for the year 2017 & 2018 to DOE. PP has also corrected number of persons employed for project activity in revised MR. **SDG 3.8.1 : Human and Institutional capacity**: PP has submitted CSR reports with regard to initiatives, events and programmes, primarily Health and Education Camps organized during the year 2017-2018. **Section E of the MR(Calculation of SDG outcomes):** PP has revised MR and provided SDG 3 details in Section E of revised MR(Calculation of SDG outcomes).				
Documentation provided by project participant				
GS MR version 1.1, dated 06/03/2020				
DOE assessment				**Date:** 10/03/2020
The PP has provided the information regarding categories of jobs created during the monitoring period in the MR, found to be satisfactory. Employment records submitted for the year 2017 & 2018 are found to be acceptable. The PP has submitted the CSR reports for 2017 and 2018 with regard to initiatives, events and programmes, primarily Health and Education Camps organized during the current monitoring period, found to be appropriate, hence accepted. CAR #1 is closed.				

CAR ID	02	**Section no.**	E.6	**Date** 23/02/2020
Description of CL				
Grievance Mechanism: Please clarify why the name of concern person who had raised comments/suggestions is not mentioned in this section. Also submit the evidences regarding the objections/suggestions recorded as a part of grievance mechanism.				
Project participant response				**Date :06/03/2020**
PP has submitted scan copy of Grievance register to DOE clearly highlighting name of person who had raised comments/suggestions.				
Documentation provided by project participant				
Scan copy of Grievance register maintained at project site				
DOE assessment				**Date:** 10/03/2020
The PP has submitted the copy of Grievance register and it is confirmed that no complaint received during the monitoring period, however some suggestions/comments rose by local villagers and the PP has appropriately responded/ addressed all the comments. CAR #2 is closed.				

CAR ID	03	Section no.	E.7	Date 23/02/2020
Description of CL				
Meters installed at Jodhpur site were calibrated on 14/08/2019,Please clarify why this information is not provided in the MR.				
Project participant response				**Date :06/03/2020**
Since the energy meters installed at Jodhpur site were calibrated on 14/08/2019, PP has updated this information in revised MR.				
Documentation provided by project participant				
GS MR version 1.1				
DOE assessment				**Date:** 10/03/2020
The PP has reported the latest calibration date of energy meters in the MR, found consistent with the calibration certificate, hence accepted. CAR #3 is closed.				

Table 4. FAR from this verification

FAR ID	xx	Section No.		Date: DD/MM/YYYY
Description of FAR				
NA				
Project participant response				**Date:** DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				**Date:** DD/MM/YYYY