



VERIFICATION REPORT VAAYU (INDIA) POWER CORPORATION PRIVATE LIMITED

VERIFICATION OF THE VAAYU INDIA WIND POWER PROJECT IN GUJARAT

REPORT No.BVC/INDIA -VR/620.49/2013

REVISION No. 01

BUREAU VERITAS CERTIFICATION

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VERIFICATION REPORT

Date of first issue: 26/12/2013	Organizational unit: Bureau Veritas Certification Holding SAS
Client: Vaayu (India) Power Corporation Private Limited	Client ref.: Mr. Yogesh Mehra

Summary:

Bureau Veritas Certification has conducted the 3rd periodic verification of *Vaayu India Wind Power Project in Gujarat*, CDM Registration Reference Number 4700, owned by Vaayu(India) Power Corporation Private Limited, which is located in villages Chattar, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India, and applying the methodology ACM0002 version 11, on the basis of UNFCCC criteria for the CDM, as well as criteria given to provide for consistent project operations, monitoring and reporting. UNFCCC criteria refer to Article 12 of the Kyoto Protocol, the CDM rules and modalities and the subsequent decisions by the CDM Executive Board, as well as the host country criteria.


The verification scope is defined as an independent and objective review and ex-post determination of the monitored GHG emission reductions, and consisted of the following three phases: i) desk review of the project design, the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion. The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

In summary, Bureau Veritas Certification confirms that the project is implemented as planned and described in the validated and registered project design documents. Installed equipments being essential for generating emission reduction run reliably and are calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions.

The GHG emission reductions are calculated without material misstatements, and the emission reductions verified totalize 68,389 tons of CO₂e for the monitoring period.

Our opinion relates to the projects' GHG emissions and resulting GHG emission reductions reported and related to the valid and registered project baseline, approved monitoring plan and its associated documents.

Reporting period:	01/01/2013 to 31/08/2013
Baseline emissions:	68,389 t CO ₂ equivalents.
Project emissions:	0 t CO ₂ equivalents.
Leakage emissions:	0 t CO ₂ equivalents.
Emission Reductions:	68,389 t CO ₂ equivalents.

Report No.: BVC-India /VR/620.49/2013	Subject Group: CDM
Project title: Vaayu India Wind Power Project in Gujarat	
Work carried out by: Mr. Anurag Juyal - Team Leader Mr. Bhavesh Prajapati - Team Member	
Internal Technical Review carried out by:  Mr. Sanjay Patankar- Local Product Manager	
Date of this revision: 06/01/2014	Rev. No.: 01
Number of pages: 55	

Indexing terms**Work approved by:**

Mr. Matthieu Martini

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Abbreviations

CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reductions
CL	Clarification Request
CO2	Carbon Dioxide
CO2e	Carbon Dioxide Equivalent
DOE	Designated Operational Entity
DRR	Daily Reading Record
ETN	Electricity Transaction Note
FAR	Forward Action Request
GHG	Green House Gas(es)
MoV	Means of Verification
MP	Monitoring Plan
MR	Monitoring Report
MRR	Monthly Reading Record
PDD	Project Design Document
PLF	Plant Load Factor
PP	Project Participant
PPA	Power Purchase Agreement
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
WEC	Wind Energy Converter



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1. INTRODUCTION

Vaayu (India) Power Corporation Private Limited has commissioned Bureau Veritas Certification to verify the emissions reductions of its CDM project “**Vaayu India Wind Power Project in Gujarat**” (hereafter called “**the Project**”) at villages Chattar, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India.

This report summarizes the findings of the verification of the Project, performed on the basis of UNFCCC criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

1.1. Objective

The objective of CDM verification is to conduct a thorough, independent assessment of the registered project activities.

In carrying out its verification work, the DOE shall ensure that the project activity complies with the requirements of paragraph 62 of the CDM modalities and procedures. In particular, this assessment shall:

- (a) Ensure that the project activity has been implemented and operated as per the registered PDD or any approved revised PDD, and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place;
- (b) Ensure that the monitoring report and other supporting documents provided are complete in accordance with latest applicable version of the completeness checklist for requests for issuance of CERs, verifiable, and in accordance with applicable CDM requirements;
- (c) Ensure that actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan or any revised approved monitoring plan, and the approved methodology including applicable tool(s);
- (d) Evaluate the data recorded and stored as per the monitoring methodology including applicable tool(s).

1.2. Scope

The verification scope is defined as an independent and objective review and ex-post determination of the monitored GHG emission reductions. The verification is based on the validated and registered project design document, the monitoring report, emission reduction calculation spreadsheet, and supporting documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations.

The verification is not meant to provide any consulting service towards the PPs. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.

1.3. GHG Project Description

The Project consists of installation of 64 WECs with a unit installed capacity of 800 kW, providing a total installed capacity of 51.20 MW. The annual expected electricity supplied to southern regional grid is 115312 MWh (approx) and the annual estimated emission reductions are **106378 tCO₂e**.



VERIFICATION REPORT

Project title:	Vaayu India Wind Power Project in Gujarat
UNFCCC ref number:	4700
Registration Date:	09/05/2011
Crediting Period:	01/06/2011 to 31/05/2021 (fixed)
Monitoring Period:	01/01/2013 to 31/08/2013
Project Participants:	Vaayu (India) Power Corporation Private Limited (Host Party Name)
Methodology used	ACM0002 version 11
Location of the Project:	Villages Chattar, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India
UNFCCC view page:	http://cdm.unfccc.int/Projects/DB/DNV-CUK1303122887.18/view

A request for approval of permanent change from the registered monitoring plan as described in the registered PDD has been submitted prior to the submission of the request for issuance and approved by the Board on 01/08/2013.

The details regarding the post-registration changes can be found in the validation opinion on revision in monitoring plan.

Geo coordinates of the WECs are specified in the revised MR. The project activity involves supply, erection, commissioning and operation of 64 WECs of rated capacity 800 kW each. The machines are Enercon E-53 make. The WECs generates 3-phase power at 400V, which is stepped up to 33 KV. The WECs can operate in the frequency range of 46–54 Hz. The electricity generated by the project activity is supplied to the state electricity utility in Gujarat and displaces electricity from grid connected fossil fuel based electricity generation plants.

The verification team confirms that there have been no modifications or alterations to the project activity during this monitoring period.

1.4. Verification Team

The assessment team and internal technical reviewer team consist of the following personnel:

FUNCTION	NAME	TA 1.2	TA X.X	TASK PERFORMED*
Team Leader	Mr. Anurag Juyal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> DR <input type="checkbox"/> SV <input type="checkbox"/> RI <input type="checkbox"/> TR
Team Member	Mr. Bhavesh Prajapati	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> DR <input checked="" type="checkbox"/> SV <input type="checkbox"/> RI <input type="checkbox"/> TR
Technical Specialist	N.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> DR <input checked="" type="checkbox"/> SV <input type="checkbox"/> RI <input type="checkbox"/> TR
Internal Technical Reviewer (ITR)	Mr. Sanjay Patankar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> DR <input type="checkbox"/> SV <input type="checkbox"/> RI <input checked="" type="checkbox"/> TR
Specialist supporting ITR	N.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> DR <input type="checkbox"/> SV <input type="checkbox"/> RI <input checked="" type="checkbox"/> TR
Report approval	Mr. Matthieu Martini	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> DR <input type="checkbox"/> SV <input checked="" type="checkbox"/> RI <input type="checkbox"/> TR

*DR = Document Review; SV = Site Visit; RI = Report issuance; TR = Internal Technical Review



2. METHODOLOGY

The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

In order to ensure transparency, a verification protocol was customized for the project, according to the version 05.0 of the Clean Development Mechanism Validation and Verification Standard, issued by CDM Executive Board at its 75th meeting on 04/10/2013. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

- It organizes, details and clarifies the requirements a CDM project is expected to meet;
- It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The completed verification protocol is enclosed in Appendix A to this report.

2.1. Review of Documents

The assessment of the project documentation provided by the project participant is based upon both quantitative and qualitative information on emission reductions. Quantitative information comprises the reported numbers in the monitoring report (MR) version 03 dated 04/01/2014 and emission reduction calculation spreadsheet. Qualitative information comprises information on internal management controls, calculation procedures, procedures for transfer of data, frequency of emissions reports, and review and internal audit of calculations.

The monitoring report version 01 submitted by the project participant was also web hosted on the UNFCCC-CDM web site on 08/10/2013 and thus, was available in the public domain.

In addition to the monitoring documentation provided by the project participants, the DOE reviews:

- (a) The registered PDD (/1/) and the monitoring plan, including the revised monitoring plan and the corresponding validation report
- (b) The validation report and verification report of previous monitoring period (/2/)
- (c) The applied monitoring methodology(/3/)
- (d) Relevant decisions, clarifications and guidance from the CMP and the CDM Executive Board
- (e) Other information and references relevant to the project activity's resulting emission reductions (e.g. IPCC reports, laboratory analysis or national regulations)

2.2. Follow-up Interviews

On 28/10/2013, Bureau Veritas Certification performed a site visit and interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of Vaayu (India) Power Corporation Private Limited (Project Owner) and Wind World India Limited (CDM Consultant) were interviewed (see References). The main topics of the interviews are summarized in Table 1.

Table 1 Interview topics

Interviewed organization	Interview topics
Vaayu (India) Power Corporation Private Limited (the Project Owner)	<ul style="list-style-type: none"> ➤ Project Design and implementation ➤ Technical equipment, calibration and operation ➤ Monitoring Plan and management procedures ➤ Monitoring data ➤ Data uncertainty and residual risks (QA/QC) ➤ GHG Calculation ➤ Environmental Impacts ➤ Compliance with National Laws and Regulations
Wind World India Ltd. (the Consultant)	<ul style="list-style-type: none"> ➤ Monitoring Plan ➤ Monitored data and Monitoring Report ➤ GHG Calculations

2.3. Resolution of Clarification, Corrective and Forward Action Requests

The objective of this phase of the verification is to resolve issues related to the monitoring, implementation and operations of the registered project activity that could impair the capacity of the registered project activity to achieve emission reductions or influence the monitoring and reporting of emission reductions prior to Bureau Veritas Certification's positive conclusion on the GHG emission reduction calculation.

Findings established during the verification can either be seen as a non-fulfillment of criteria ensuring the proper implementation of a project or where a risk to deliver high quality emission reductions is identified.

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

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

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

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

To guarantee the transparency of the verification process, the concerns raised are documented in more detail in the verification protocol in Appendix A.



2.4. Internal Technical Review

The verification report underwent an Internal Technical Review (ITR) before requesting issuance of CERs for the project activity.

The ITR is an independent process performed to examine thoroughly that the process of verification has been carried out in conformance with the requirements of the verification scheme as well as internal Bureau Veritas Certification procedures.

The Team Leader provides a copy of the verification report to the reviewer, including any necessary verification documentation. The reviewer reviews the submitted documentation for conformance with the verification scheme. This will be a comprehensive review of all documentation generated during the verification process.

When performing an Internal Technical Review, the reviewer ensures that:

- The verification activity has been performed by the team by exercising utmost diligence and complete adherence to the CDM rules and requirements.
- The review encompasses all aspects related to the project which includes project design, baseline, additionality, monitoring plans and emission reduction calculations, internal quality assurance systems of the project participant as well as the project activity, review of the stakeholder comments and responses, closure of CARs, CLs and FARs during the verification exercise, review of sample documents.

The reviewer may raise Clarification Requests to the verification team and discusses these matters with Team Leader.

After the agreement of the responses on the Clarification Requests from the verification team as well as the PP(s), the finalized verification report is accepted for further processing such as uploading via the UNFCCC interface.

3. VERIFICATION CONCLUSIONS

In the following sections, the conclusions of the verification are stated.

The findings from the desk review of the original monitoring documents and the findings from interviews during the follow up visit are described in the Verification Protocol in Appendix A.

The Clarification, Corrective and Forward Action Requests are stated, where applicable, in the following sections and are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in **04 CAR(s), 06 CL(s) and 00 FAR(s)**.

The CARs and CLs were closed based on adequate responses from the Project Participant(s) which meet the applicable requirements. They have been reassessed before their formal acceptance and closure.

The number between brackets at the end of each section corresponds to the VVS paragraph.



3.1. Remaining issues from validation or previous verification (213)

All CARs and CLs raised were successfully closed during the validation stage and previous verification of the Project, no remaining issues were left. FAR raised during previous verification was raised as CL during the current verification.

3.2. Compliance of the project implementation with the registered project design document (228)

From the site visit performed, the verification team is able to conclude that all the sixty four Wind Energy Convertors (WECs) each of capacity 800 kW as stated in the approved revised PDD have been commissioned and are in operation. The WECs are located in villages Chatter, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India. The total installed capacity of the project activity is 51.2 MW (64 nos. × 800 kW). The commissioning dates of the wind turbines were confirmed by checking the commissioning certificates of each WEC (/4/). All the equipments as described in the registered PDD (/1/) have been installed at the project site. The electricity exported to and imported from the grid is recorded through cluster energy meters¹. In the project activity, a total of 17 cluster energy meters are used to measure the net electricity supplied to the grid by all the 64 WECs.

Apart from the recording at the cluster meters, electricity export and import from all the WECs in the wind farm (including non-PP WECs) is also recorded at the Wind World India pooling substation² for the purpose of calculation of transmission loss.

The WEC location nos. and the commissioning dates of the WECs are tabulated below:

<u>Sr. No.</u>	<u>Location No</u>	<u>WTG-ID No.</u>	<u>Commissioning Date</u>
1	3020	EIL/800/10-11/1826	12/07/2010
2	3021	EIL/800/10-11/1827	12/07/2010
3	3022	EIL/800/10-11/1828	12/07/2010
4	3072	EIL/800/09-10/1738	25/06/2010
5	3073	EIL/800/09-10/1739	25/06/2010
6	3075	EIL/800/09-10/1740	25/06/2010
7	3076	EIL/800/09-10/1741	25/06/2010
8	3088	EIL/800/09-10/1742	25/06/2010

¹ This metering happens at 33 kV and is referred further in the report as WEC metering location

² This metering happens at 220 kV at the Wind world India pooling substation and is referred further in the report as metering at pooling substation.



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<u>Sr. No.</u>	<u>Location No</u>	<u>WTG-ID No.</u>	<u>Commissioning Date</u>
9	62	EIL/800/09-10/1766	27/06/2011
10	63	EIL/800/09-10/1767	04/07/2011
11	64	EIL/800/09-10/1768	04/07/2011
12	539	EIL/800/09-10/1789	14/02/2011
13	540	EIL/800/09-10/1790	14/02/2011
14	541	EIL/800/09-10/1791	14/02/2011
15	543	EIL/800/09-10/1792	18/02/2011
16	544	EIL/800/09-10/1793	14/02/2011
17	545	EIL/800/09-10/1794	18/02/2011
18	546	EIL/800/09-10/1795	18/03/2011
19	547	EIL/800/09-10/1796	18/02/2011
20	548	EIL/800/09-10/1797	18/02/2011
21	903	EIL/800/09-10/1747	04/05/2011
22	904	EIL/800/09-10/1748	04/05/2011
23	905	EIL/800/09-10/1749	04/05/2011
24	906	EIL/800/09-10/1750	05/03/2011
25	907	EIL/800/09-10/1751	05/03/2011
26	908	EIL/800/09-10/1752	05/03/2011
27	909	EIL/800/09-10/1753	05/03/2011
28	910	EIL/800/09-10/1754	05/03/2011
29	912	EIL/800/09-10/1746	14/02/2011
30	926	EIL/800/09-10/1769	10/06/2011
31	927	EIL/800/09-10/1770	10/06/2011
32	928	EIL/800/09-10/1771	10/06/2011



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<u>Sr. No.</u>	<u>Location No</u>	<u>WTG-ID No.</u>	<u>Commissioning Date</u>
33	929	EIL/800/09-10/1772	10/06/2011
34	931	EIL/800/10-11/1870	10/06/2011
35	932	EIL/800/09-10/1773	10/06/2011
36	933	EIL/800/09-10/1774	10/06/2011
37	934	EIL/800/09-10/1775	10/06/2011
38	935	EIL/800/09-10/1776	10/06/2011
39	936	EIL/800/09-10/1777	27/06/2011
40	937	EIL/800/09-10/1778	27/06/2011
41	938	EIL/800/09-10/1779	27/06/2011
42	939	EIL/800/09-10/1760	24/05/2011
43	941	EIL/800/09-10/1761	24/05/2011
44	942	EIL/800/09-10/1762	24/05/2011
45	943	EIL/800/09-10/1763	24/05/2011
46	944	EIL/800/09-10/1764	24/05/2011
47	945	EIL/800/09-10/1765	24/05/2011
48	947	EIL/800/09-10/1755	06/05/2011
49	948	EIL/800/09-10/1756	06/05/2011
50	950	EIL/800/09-10/1757	06/05/2011
51	951	EIL/800/09-10/1758	06/05/2011
52	952	EIL/800/09-10/1759	06/05/2011
53	958	EIL/800/09-10/1743	04/05/2011
54	959	EIL/800/09-10/1744	04/05/2011
55	960	EIL/800/09-10/1745	04/05/2011
56	992	EIL/800/09-10/1782	18/03/2011



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<u>Sr. No.</u>	<u>Location No</u>	<u>WTG-ID No.</u>	<u>Commissioning Date</u>
57	993	EIL/800/09-10/1783	18/03/2011
58	994	EIL/800/09-10/1784	18/03/2011
59	995	EIL/800/09-10/1785	18/03/2011
60	996	EIL/800/09-10/1786	18/03/2011
61	997	EIL/800/09-10/1787	18/03/2011
62	1028	EIL/800/09-10/1788	04/05/2011
63	1045	EIL/800/09-10/1780	04/07/2011
64	1046	EIL/800/09-10/1781	04/07/2011

The verification team based on the physical verification of site and documentary evidence is able to confirm and conclude that:

- There is no change in the effective output capacity due to increased installed capacity or increased number of units, or installation of units with lower capacity or units with a technology which is less advanced than that described in the PDD.
- There is no addition of component or extension of technology.
- There is no removal or addition of one (or more) site of a project activity registered with multiple-sites.

The verification team also confirms that there has not been any change in the values of the actual operational parameters during the current monitoring period.

The meter numbers and the calibration details are crosschecked by the calibration certificates (/5/).

The details of meters installed at WEC metering location (Cluster meters) is as follows:-

<i>Sr. No</i>	<i>Meter Serial No.</i>	<i>Make</i>	<i>Accuracy class</i>	<i>Last dates of calibration before monitoring period</i>	<i>Latest Calibration date</i>	<i>Due Date of Calibration</i>
1	10059208	L&T	0.2	24/08/2010	25/09/2013	24/09/2016
2	10059203	L&T	0.2	24/08/2010	25/09/2013	24/09/2016
3	GJU60947	Secure	0.2	03/09/2010	25/09/2013	24/09/2016
4	GJU61707	Secure	0.2	29/01/2011	25/09/2013	24/09/2016
5	GJU61698	Secure	0.2	29/01/2011	25/09/2013	24/09/2016
6	GJU61321	Secure	0.2	05/02/2011	25/09/2013	24/09/2016
7	GJU61313	Secure	0.2	18/12/2010	25/09/2013	24/09/2016



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8	GJU61690	Secure	0.2	29/01/2011	25/09/2013	24/09/2016
9	GJU61699	Secure	0.2	29/01/2011	25/09/2013	24/09/2016
10	GJU61322	Secure	0.2	09/12/2010	26/09/2013	25/09/2016
11	GJU61696	Secure	0.2	29/01/2011	26/09/2013	25/09/2016
12	GJU61310	Secure	0.2	18/12/2010	26/09/2013	25/09/2016
13	GJU61701	Secure	0.2	29/01/2011	26/09/2013	25/09/2016
14	GJU61693	Secure	0.2	29/01/2011	26/09/2013	25/09/2016
15	GJU61692	Secure	0.2	29/01/2011	25/09/2013	25/09/2016
16	GJU61691	Secure	0.2	29/01/2011	26/09/2013	25/09/2016
17	GJU60943	Secure	0.2	03/09/2010	26/09/2013	25/09/2016

The details of meters installed at Enercon pooling sub-station is as follows:-

Sr. No	Meter type	Meter Serial No.	Make	Accur acy class	Last dates of calibration before monitoring period	Calibration date during Monitoring Period	Due Date of Calibration
1	Main meter	GJB01470	Secure	0.2	22/01/2010	17/01/2012	16/01/2015
2	Main meter	GJU04175	Secure	0.2	22/01/2010	17/01/2012	16/01/2015
3	Main meter	GJU04176	Secure	0.2	22/01/2010	17/01/2012	16/01/2015
4	Main meter	KAB11082	Secure	0.2	29/05/2010	17/01/2012	16/01/2015

The verification team also reviewed the Monitoring report version 2 (/6/) and confirms that the information provided in the Monitoring report is in accordance with that stated in the approved revised PDD.

[Management and Operation]

The PP has operated the Project as per the approved revised PDD. The monitoring organization has been set up and all monitoring staffs have been trained. Meter reading records of all the meters are based on continuously measurement and monthly recorded by the PP. The grid company issues the Monthly statement to the PP every month to confirm the net electricity exported to the grid.



Corresponding to the paragraph 228 of VVS version 05.0, Bureau Veritas Certification can confirm that:

- The implementation of the Project is consistent with the approved revised PDD.
- The Project is operated as per the approved revised PDD by the PP.

3.3. Compliance of the monitoring plan with the monitoring methodology including applicable tool(s) (232)

The verification team has verified the monitoring plan, including the data and parameters required to be monitored, measurement procedures, monitoring frequency and QC/QA procedures as described in the approved revised PDD.

The project activity is registered with methodology ACM0002 version 11, according to which the net electricity supplied to the Grid by the renewable energy technology i.e. electricity exported by the project activity to the Grid and the electricity imported from the grid is to be monitored and measured. Accordingly, the monitoring plan of the approved revised PDD indicates that the net electricity supplied to the Grid by the project activity ($EG_{PJ,y}$) is calculated as the difference between Electricity exported to the grid by the project activity ($EG_{PJ,Export,y}$) and Electricity imported from the grid to the project activity ($EG_{PJ,Import,y}$).

The electricity generation is monitored through electronic tri-vector meter installed at each WEC metering location (or cluster meters) as well as the energy meters installed at the pooling substation. The meters installed at each metering location are with an accuracy class of 0.2.

The grid emission factor (**0.92252** tCO₂/MWh) has been fixed ex-ante for the entire crediting period in the approved revised PDD.

Hence the verification team concluded that no deviation request or revision request is required for the current monitoring period.



Corresponding to the paragraph 232 of VVS version 05.0, Bureau Veritas Certification can confirm that the monitoring plan is in accordance with the approved methodology including applicable tool(s) applied by the Project.

3.4. Compliance of monitoring activities with the monitoring plan (235-236)

Monitoring has been carried out in accordance with the monitoring plan contained in the approved revised PDD.

[Parameters and information flow]

The parameters required by the monitoring plan and how Bureau Veritas Certification has verified the information flow (from data generation, aggregation, to recording, calculation and reporting) for these parameters including the values in the monitoring report are described below:

Parameters monitored:

Sr. no.	Parameter	Data information flow
(1)	Net Electricity import recorded at Wind World (India) Limited Substation ($EG_{GETCO,Import}$)	<p>The verification team noted that the electricity imported from the grid to the project activity and non-project activity WEC is recorded through Single billing electronic meters located at the Wind World India Substation.</p> <p>The electronic tri-vector meter measures the electricity</p>



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		<p>imported from the grid on a continuous basis and is recorded by PP's representative and the state utility on monthly basis.</p> <p>The parameter energy imported from the grid by the project activity and non-project activity WECs ($EG_{GETCO,Import}$) is measured on a continuous basis and is recorded and signed jointly by the recorded and signed jointly by the personnel of state utility and PP.</p> <p><i>Based on the above, the verification team concludes that the monitoring of net electricity imported from the grid is in line with the provision described in the monitoring plan.</i></p>
(2)	Net Electricity export recorded at Wind World (India) Limited Substation ($EG_{GETCO,Export}$)	<p>The verification team noted that the electricity exported to the grid by project activity and non-project activity WEC is recorded through Single billing electronic meters located at the Wind World India Substation.</p> <p>The electronic tri-vector meter measures the electricity exported to the grid on a continuous basis and is recorded by PP's representative and the state utility on monthly basis.</p> <p>The parameter energy exported to the grid by the project activity and non-project activity WECs ($EG_{GETCO,Import}$) is measured on a continuous basis and is recorded and signed jointly by the recorded and signed jointly by the personnel of state utility and PP.</p> <p><i>Based on the above, the verification team concludes that the monitoring of net electricity exported to grid is in line with the provision described in the monitoring plan.</i></p>
(3)	Net Quantity of Electricity exported to the grid ($EG_{PJ,y}$)	<p>Based on the monitored parameters as described above, the net electricity supplied to the grid is calculated as per the following formula by the state utility:</p> $EG_{PJ,y} = EG_{PJ,Export,y} - EG_{PJ,Import,y}$ <p>Where</p> <p>$EG_{PJ,Export,y}$ – Electricity exported by project activity to the grid (Calculated)</p> <p>$EG_{PJ,Import,y}$ – Electricity imported by project activity from grid (Calculated)</p> <p>Formula to calculate $EG_{PJ,Export,y}$ and $EG_{PJ,Import,y}$ is as follows-</p> $EG_{PJ,Export,y} = EG_{GETCO, Export} \times EG_{Cluster,Export} / EG_{Cluster,WF,Export}$ $EG_{PJ,Import,y} = EG_{GETCO, Import} \times EG_{Cluster,Import} / EG_{Cluster,WF,Import}$



		<p>$EG_{\text{Cluster,Export}}$ = Electricity exported by the project activity, as measured at Cluster Meter</p> <p>$EG_{\text{Cluster,Import}}$ = Electricity imported by the project activity, as measured at Cluster Meter</p> <p>$EG_{\text{Cluster,WF,Export}}$ = Electricity exported by all the project owners connected to Wind World (India) Limited substation, as measured at Cluster Meter</p> <p>$EG_{\text{Cluster,WF,Import}}$ = Electricity imported by all the project owners connected to Wind World (India) Limited substation, as measured at Cluster Meter</p> <p>The verification team has cross-checked the value of net electricity export by the project activity for all the months during the entire monitoring period and found them to be appropriate.</p> <p>Since monthly statements (/7/) are the certificate issued by the state utility viz. Gujarat Energy Transmission Corporation Limited and hence the same is considered as authentic and reliable.</p> <p><i>Based on the above, the verification team concludes that the monitoring of net electricity exported to grid by the project activity is in line with the provision described in the monitoring plan.</i></p>
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Parameters determined ex-ante:

(1) $EF_{\text{grid,CM,y}}$ emission factor of the NEWNE regional grid

The emission factor of the Project has been determined ex-ante in the registered PDD. The emission factor used in the monitoring report has been verified against the PDD and found them to be consistent.



Corresponding to the paragraph 235 and 236 of VVS version 05.0, Bureau Veritas Certification can confirm that:

- The monitoring has been carried out in accordance with the monitoring plan contained in the approved revised PDD.
- All parameters required by the monitoring plan have been sufficiently monitored and correctly listed. The monitored data for required parameters have been verified by checking the whole information flow.

3.5. Compliance with the calibration frequency requirements for measuring instruments (243)

Details of calibration frequency of measuring equipment

Baseline emission parameters		
Sr. no.	Parameter	Details
(1)	Net Quantity of Electricity exported to the grid ($EG_{PJ,y}$)	<p><u>Monitoring equipment</u> – (or energy meters) installed at each WEC metering location and the pooling sub-station which are used to measure the net electricity exported to the grid are of 0.2 accuracy class and are under the control of the state electricity utility.</p> <p><u>Calibration frequency</u> – All the energy meters have been calibrated and details of calibration of all the energy meters for the entire monitoring period has been included in section C of the monitoring report. The verification team has cross-checked the records of calibration (/5/) of all the energy meters for the entire monitoring period and found them to be appropriate.</p> <p>From reviewing each of the calibration certificates, the verification team was able to confirm that test results for all the energy meters are satisfactory and that the meters have operated within the permissible error limit.</p>

Hence, in line with the above the verification team confirms that the calibration frequency has been carried out in accordance with the national standards and EB guidance.

[Calibration frequency]

The calibration frequency fulfills the requirement as described in the monitoring plan and is in compliance with the national standard /8/.

During the site visit, while reviewing the calibration certificates of all the cluster meters, the verification team noted that for some of the energy meters there has been a delay in calibration and the calibration frequency of once in three years has not been followed:

Meter serial number	Make	Accuracy class %	Last Calibration	Current calibration
10059208	L & T	0.2	24/08/2010	25/09/2013
10059203	L & T	0.2	24/08/2010	25/09/2013
GJU60947	Secure	0.2	03/09/2010	25/09/2013
GJU60943	Secure	0.2	03/09/2010	26/09/2013



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It is identified that the calibration has been delayed during the monitoring period. A conservative approach is adopted in the calculation of emission reductions as follows:

Conservative approach to calculate the net electricity supplied has been followed in line with EB 52 Annex 60 wherever applicable as follows:

<i>Measured Value</i>	<i>Parameter</i>	<i>Error identified during calibration</i>	<i>Corrected values</i>
X MWh	Electricity export	$\pm 1\%$	$X (1 - \text{Max . permissible error}\%/100)$
X MWh	Electricity import	$\pm 1\%$	$X (1 + \text{Max . permissible error}\%/100)$

As per the calibration records available after the delayed calibration, the energy meters were found to be within maximum permissible error and hence for the above procedure the maximum permissible error of energy meters viz. 0.2 was used.

In the project activity, net electricity values are taken from the share certificate issued by GETCO, wherein electricity export and import values are not provided separately but the direct net electricity export value is provided.

Hence the PP has applied 0.2% error factor only on the net export value i.e. reduced the value of net export by 0.2% for calculation of ERs.

The verification team is of the opinion that since the value of total import recorded at the substation is much less than 2% of the total export recorded at the substation³, therefore not increasing the import value by 2% will not have any material impact in the calculation of emission reductions. The same is in line with para 10(c) of **"GUIDELINE ON THE APPLICATION OF MATERIALITY IN VERIFICATIONS"**.

Also as a conservative approach, maximum possible error of cluster meters has been applied for the entire duration of the monitoring period even though the delay in calibration was applicable only for 4 out of the 17 cluster meters.

Corresponding to the paragraph 243 of VVS version 05.0, Bureau Veritas Certification can confirm that:

- For calibration that has been delayed, the conservative approach is adopted in the calculation of emission reductions and deemed as appropriate.

3.6. Assessment of data and calculation of emission reductions (246)

A complete set of data for the specified monitoring period is available.

The critical parameter used for the determination of the Emission Reductions is the net electricity supplied to the grid by the Project. The data pertaining to the above parameter are maintained in the identified records. All the data are in compliance with that stated in the Monitoring Report version 03.

³ The value of total export and import recorded at the substation is provided in a separate sub-sheet in ER calculation sheet.

As per the methodology ACM0002 version 11 and the approved revised PDD, the emission reductions for the Project are calculated as the baseline emissions minus the project emissions. Hence the emission reduction is determined by the following formula:

$$ER_y = BE_y - PE_y$$

Where,

ER_y : Emission reductions

BE_y : Baseline emissions

PE_y : Project emissions

The data used for calculation of the GHG emission reductions are as follows:

- The net electricity exported to the grid by the project activity
- The NEWNE regional grid emission factor.

As per the monitoring plan of the approved revised PDD, the following complete data set was required for the specified monitoring period to calculate the GHG emission reductions resulting from the project activity-

Baseline emission	
Parameter	Source
<i>Net Quantity of Electricity exported to the grid ($EG_{PJ,y}$)</i>	<u>Share Certificate Issued by GETCO</u> All the monthly Statements showing the energy supplied by the project activity wind mills for the current monitoring period have been cross-checked by the verification team. The value in the statement is aggregated to calculate the net electricity exported to the grid by the project activity. The PP has included a separate worksheet in the ER calculation spreadsheet (/9/), which mentions monthly statement readings for the project activity for the current monitoring period separately for each billing month.

The verification team confirms that complete data set for all the above mentioned monitored parameters is available for the current monitoring period and hence any theoretical assumption or request for deviation was not required before submitting the request for issuance.

Cross check of information in monitoring report

The information in the monitoring report has been cross-checked through other documentary evidence as explained below:

Baseline emission	
Parameter	Cross-check Source
<i>Net Quantity of Electricity exported to the grid ($EG_{PJ,y}$)</i>	The value of net electricity supplied to the grid as reflected in the monthly share certificate has been compared with the invoices submitted to GUVNL (/10/).

Calculation procedure of baseline emissions, project emissions and leakage

	Calculation procedure
Baseline emissions	<p>Baseline emission calculations have been done in the monitoring report as per the following equation -</p> $BE_y = EG_{PJ,y} * EF_{grid,CM,y}$ <p>Where –</p> <p>BE_y – Baseline emissions</p> <p>$EG_{PJ,y}$ – Net quantity of electricity exported to the grid by the project activity</p> <p>$EF_{grid,CM,y}$ – Baseline emission factor for NEWNE regional grid</p> <p>The above mentioned calculation procedure is in line with the procedure described in the approved revised PDD.</p>
Project emissions	Not applicable since there are no emissions attributed to the project activity outside the project boundary.
Leakage	Not applicable since there are no emissions attributed to the project activity outside the project boundary.

The verification team confirms that appropriate methods and formulae for calculating baseline emissions have been followed.

Emission factor and default values

Baseline emission factor of southern regional grid - The emission factor taken for the calculation of baseline emissions (0.92252 tCO₂/MWh) is determined ex-ante and fixed for the crediting period. The same is in line with the approved revised PDD.

The verification team confirms that the emission factor is in line with the requirement of the applied methodology and associated tools.

[Comparison of ERs]

The annual estimated emission reductions are 106378 tCO₂e as per the approved PDD. The actual operation period of the Project in the monitoring period is 8 months. The corresponding estimate in the monitoring period are $(106378/12) \times (8) = 70918$ tCO₂e. The actual emission reductions are 3.57 % lower than the estimated value in the monitoring period i.e. 68389 tCO₂e.



Corresponding to the paragraph 246 of VVS version 05.0, Bureau Veritas Certification can confirm that:

- Data used for the determination of the emission reductions are available and monitored in accordance with the monitoring plan contained in the registered PDD.
- Information and data provided in the monitoring report have been cross-checked with other sources such as plant logbooks, inventories, purchase records, laboratory analysis.
- Appropriate methods and formulae for calculating baseline emissions, project emissions and leakage have been followed.



- Assumptions, emission factors and default values that were applied in the calculations have been justified.

4. VERIFICATION OPINION

Bureau Veritas Certification has performed the 3rd periodic verification of “**Vaayu India Wind Power Project in Gujarat**” CDM Registration Reference Number **4700**, which is located in villages Chattar, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India, and applying the methodology ACM0002 version 11. The verification was performed based on the requirements set by the CDM and relevant guidance provided by CMP and the CDM Executive Board.


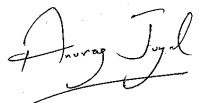
The verification consisted of the following three phases: i) desk review of the project design, the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

The management of *Vaayu (India) Power Corporation Private Limited* is responsible for the preparation of the GHG emissions data and the reported GHG emission reductions of the project on the basis set out within the monitoring plan contained in the registered PDD. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

Bureau Veritas Certification has verified the project Monitoring Report version 03 dated 04/01/2014 for the reporting period as indicated below. Bureau Veritas Certification confirms that the project is implemented as described in the validated and registered project design documents. Installed equipments being essential for generating emission reductions run reliably and are calibrated appropriately. The monitoring system is in place and the Project is generating GHG emission reductions as a CDM project.

Bureau Veritas Certification can confirm that the GHG emission reductions are calculated without material misstatements. Our opinion relates to the projects' GHG emissions and resulting GHG emission reductions reported and related to the validated and registered project baseline, approved monitoring plan and its associated documents. Based on the evidence and information that are considered necessary to guarantee that GHG emission reductions are appropriately calculated, Bureau Veritas Certification confirms the following statement:

Reporting period:	01/01/2013 to 31/08/2013
Baseline emissions:	68,389 t CO ₂ equivalents
Project emissions:	0 tCO ₂ equivalents
Leakage emissions:	0 tCO ₂ equivalents
Emission Reductions:	68,389 t CO ₂ equivalents

	
Mr. Sanjay Patankar	Mr. Anurag Juyal
Internal Technical Reviewer	Team Leader
06/01/2014	06/01/2014



5. REFERENCES

Documents reviewed:

/1/	Registered PDD version 04 dated 17/04/2013, UNFCCC ref no. 4700
/2/	Validation Report dated 09/04/2011 and Validation Opinion on PRC dated 14/05/2013
/3/	ACM0002 / version 11 " <i>Consolidated baseline methodology for grid-connected electricity generation from renewable sources</i> "
/4/	Commissioning certificate of all the WECs
/5/	Calibration certificates of all the energy meters for the year 2010, 2011, 2012 and 2013.
/6/	Monitoring Report version 03, dated 04/01/2014
/7/	Certificate for share of electricity generated by Wind farm for the entire monitoring period
/8/	CEA metering regulations
/9/	ER Calculation Spreadsheet dated 10/12/2013
/10/	Invoices submitted to GUVNL for the entire monitoring period

Persons interviewed:

	Wind World India Limited	
/1/	Ms. Poorvi Joshi	CDM Consultant
/2/	Mr. Hiren	O & M operator
/3/	Mr. Faizan	O & M operator
/4/	Mr. Vikas Sharma	O & M operator



6. CURRICULA VITAE OF THE DOE'S VERIFICATION TEAM MEMBERS

Mr. Anurag Juyal	Bureau Veritas Certification, India	<p>Team Leader, Climate Change Lead Verifier</p> <p>Mr. Anurag Juyal is a Post-graduate in Energy Systems with more than 5 years of experience in the field of climate change services. He is working in Bureau Veritas Certification (India) Pvt. Ltd. as Lead Verifier-Climate Change. Prior to joining Bureau Veritas, he worked on GS/CDM/VCS projects as a consultant. He has received extensive training in CDM validation and verification processes and participated in assessment of CDM projects.</p>
Mr. Bhavesh Prajapati	Bureau Veritas Certification, India	<p>Team Member, Climate Change Local Product Manager</p> <p>Graduate in the field of Chemical Engineering and post graduate in finance (MBA-Finance). He has more than 8 years of Industrial work experience in the field of environment audits, consultancy of HVAC (pharmaceutical industry as well as commercial air conditioning) and utility services and project management of various Greenfield as well as gray field projects. He has undergone lead verifier's training on Clean Development Mechanism. He is involved in the validation/verification projects of CDM and VCS.</p>
Mr. Sanjay Patankar	Bureau Veritas Certification, India	<p>Technical Reviewer, Climate Change Local Product Manager</p> <p>Educational qualifications: B.E. (Mech.) M.E. (Mech.) He has over 20 years of experience in engineering manufacturing industry covering various functions like enterprise management, product design, engineering, tool & die design, improvements in the production shop, quality assurance & control and systems planning and implementation, including ISO 9001 based quality management systems. Working for the last 2 years in Bureau Veritas Certification (India) Pvt. Ltd. as Lead Auditor for ISO 9001, 14001 and OHSAS 18001 standards/specifications. Has undergone training related to Clean Development Mechanism and is currently involved in validation and verification of CDM project activities.</p>

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APPENDIX A: CDM PROJECT VERIFICATION PROTOCOL (Rev 08)

Table 1 Verification requirements based on VVS version 05.0 (EB 75 Annex 5), PS version 02.1 (EB 75 Annex 4), PCP version 03.1 (EB 70 Annex 4), and Guidelines for completing the Monitoring Report Form version 4.0 (EB 75 Annex 7)

CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
Part I Cover Page					
(a) Is the title of the project activity provided?	MR		The title of the project activity has been provided as "Vaayu India Wind Power Project In Gujarat".	OK	OK
(b) Is the reference number of the project activity provided?	MR		Reference number of the project activity has been provided as 4700.	OK	OK
(c) Is the version number of the monitoring report indicated?	MR		Version number is indicated as 1.	OK	OK
(d) Is the completion date of the monitoring report provided in DD/MM/YYYY format?	MR		Completion date of the monitoring report is provided as 19/09/2013.	OK	OK
(e) Is the registration date of the project activity provided in DD/MM/YYYY format?	MR		Registration date of the project activity has been provided as 09/05/2011.	OK	OK
(f) Are the monitoring period number and duration of this monitoring period (first and last days included in DD/MM/YYYY format) provided?	MR		Monitoring period number is provided as 3 rd and the monitoring period is provided as 01/01/2013 – 31/08/2013(both first & last days included)	OK	OK
(g) Are project participants indicated?	MR		Project participant has been indicated as "Vaayu (India) Power Corporation Private Limited"	OK	OK
(h) Is the host party (ies) indicated?	MR		Host party has been indicated as India.	OK	OK
(i) Are the sectoral scope(s) and applied methodology (ies) indicated?	MR		Yes. Sectoral scope is indicated as 1 and applied methodology is mentioned as ACM0002/version 11.	OK	OK
(j) Is the estimated amount of GHG emission reductions or net anthropogenic GHG removals by sinks for this monitoring period in the	MR		Estimated amount of GHG emission reductions for this monitoring period has been indicated as 70,918 tCO ₂ e.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
registered PDD indicated?					
(k) Are the actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved in this monitoring period indicated?	MR		Actual GHG emission reductions achieved in this monitoring period is indicated as 68,526 tCO ₂ e.	OK	OK
(l) Are the actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved during the period up to 31 December 2012 indicated (if applicable)?	MR		This section is not included in the monitoring report. The version number of the MR is not the latest available on the UNFCCC website. Please explain.	CAR 1	
(m) Are the actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved during the period from 1 January 2013 onwards indicated (if applicable)?	MR		This section is not included in the monitoring report. The version number of the MR is not the latest available on the UNFCCC website. Please explain.	(CAR 1)	
Part II Monitoring Report					
A. Description of project activity					
A.1 Purpose and general description of project activity					
A.1.1 Is the description of the project activity to be presented in this section a brief summary of the detailed description given in the section B.1 Implementation status of the project activity?	MR		The description provided is a brief summary of the detailed description given in section B.1 Implementation status of the project activity.	OK	OK
A.1.2 Does this description include:					
A.1.2.1 Purpose of the project activity and the measures taken for GHG emission reductions or net anthropogenic GHG	MR		Purpose of the project activity and the measures taken for GHG emission reductions are provided in the MR.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
removals by sinks?					
A.1.2.2 Brief description of the installed technology and equipments?	MR		Brief description of the installed technology and equipments is provided in the MR.	OK	OK
A.1.2.3 Relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.)?	MR		Continued operation period is not stated in section A.1 of the MR. Please clarify.	CL 1	
A.1.2.4 Total GHG emission reductions or net anthropogenic GHG removals by sinks achieved in this monitoring period?	MR		Total GHG emission reductions achieved in this monitoring period has been specified in the MR.	OK	OK
A.2 Location of project activity					
A.2.1 Is the information on the location of the project activity provided, including Host Party (ies), Region/State/Province, City/Town/Community, Physical/Geographical location etc.?	MR		Yes, location of the project activity with latitude longitude coordinates of each wind turbine is presented. Details regarding host party, village, District & state is also provided.	OK	OK
A.3 Parties and project participant(s)					
A.3.1 Is the Party (ies) and project participant(s) involved in the project activity listed in the provided table?	MR		Party is mentioned as India and project participant is mentioned as "Vaayu (India) Power Corporation Private Limited".	OK	OK
A.4 Reference of applied methodology					
A.4.1 Is the exact reference (number, title, version) of the methodology (ies) indicated?	MR		<p>The exact reference of the methodology has been indicated as :</p> <p>Number – ACM0002</p> <p>Title – <i>Consolidated methodology for grid-connected</i></p>	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
			<i>electricity generation from renewable sources</i> Version – 11.0		
A.4.2 Is the exact reference (number, title, version) of any tools and other methodologies to which the applied methodology (ies) refers indicated?	MR		The number, title and version of all the tools referred by the methodology is provided in section A.4 of the MR.	OK	OK
A.5 Crediting period of project activity					
A.5.1 Are the type, start date and length of the crediting period corresponding to this monitoring period provided?	MR		Yes, the type, start date and length of the crediting period corresponding to this monitoring period is provided.	OK	OK
B. Implementation of project activity					
B.1 Description of implemented registered project activity					
B.1.1 Is the description of the installed technology, technical processes and equipments provided, include diagrams where appropriate?	MR PS	191(a)	Description of the installed technology and equipments have been provided in the MR.	OK	OK
B.1.2 Is the information on the implementation and actual operation of the project activity, including relevant dates (e.g. construction, commissioning, continued operation periods, etc.) provided?	PS	191(b)	Yes, information about the continued operation period of the project activity has been provided.	OK	OK
B.1.3 Is the description of: (i) the events or situations that occurred during the monitoring period that may impact the	PS	191(c)	There are no events or situation that occurred during the monitoring period that may impact applicability of methodology. Validation team has verified the same	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
applicability of the methodology (ii) how the issues resulting from these events or situations have been addressed provided?			during the interview with representatives of O&M service provider during the site visit.		
B.1.4 Have the project participants addressed the FARs identified during validation or previous verification(s)?	VVS	213	During the onsite visit for the project activity during 2 nd monitoring period, it was observed that significant numbers of WEGs (31 nos.) were not operating due to some issues with the grid. The impact of the same needs to be considered and assessed in the respective monitoring period. Please clarify.	CL 2	
B.1.5 Have the implementation and operation of the project activity been conducted in accordance with the description contained in the registered PDD?	VVS	226	Implementation and operation of the project activity has been conducted in accordance with the description contained in the registered PDD.	OK	OK
B.1.6 Are all physical features of the project activity in the registered PDD in place?	VVS	227	All the physical features of the project activity in the revised PDD are in place.	OK	OK
B.1.7 Have the project participants operated the project activity as per the registered PDD or any approved revised PDD?	VVS	227	Yes, the project has been operated as per the approved revised PDD. The same was confirmed during physical site visit on 28/10/2013 by validation team.	OK	OK
B.1.8 Was an on-site visit conducted?	VVS	227	An on-site visit was conducted on 28/10/2013 by a single member verification team.	OK	OK
B.1.9 If an on-site visit is not conducted, is the rationale of the decision justified?	VVS	227	An on-site visit was conducted on 28/10/2013 by a single member verification team.	OK	OK
B.2 Post registration changes					
B.2.1 Temporary deviations from registered monitoring plan or applied methodology					
B.2.1.1 Is it indicated whether any temporary deviations have been applied during	MR		Not applicable	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
this monitoring period?					
B.2.1.2 Is a description of the deviation(s) in accordance with applicable provisions in the Project standard provided?	MR		Not applicable	OK	OK
B.2.1.3 Are the reasons for the deviation(s), how it deviates from the monitoring plan and/or applied methodology(ies), the duration for which the deviation(s) is(are) applicable and justification on the conservativeness of the approach included in the description?	MR		Not applicable	OK	OK
B.2.1.4 For deviation(s) that require prior approval by the Board, are the date of approval and reference number included in the description?	MR		Not applicable	OK	OK
B.2.2 Corrections					
B.2.2.1 Is it indicated whether any corrections to project information or parameters fixed at validation have been approved during this monitoring period or submitted with this monitoring report?	MR		Not applicable	OK	OK
B.2.2.2 In cases where the correction(s) and the revised PDD are approved prior to the submission of this monitoring report for request for issuance, are the approval date and reference number provided? Otherwise, are the version	MR		Not applicable	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
number and the completion date of the revised PDD provided?					
B.2.3 Permanent changes from registered monitoring plan or applied methodology					
B.2.3.1 Is it indicated whether any permanent changes from the registered monitoring plan or applied methodologies have been approved during this monitoring period or submitted with this monitoring report?	MR		Yes, it is indicated that the permanent changes from the registered monitoring plan have been approved.	OK	OK
B.2.3.2 In cases where the change(s) and the revised PDD are approved prior to the submission of this monitoring report for request for issuance, are the approval date and reference number provided? Otherwise, are the version number and the completion date of the revised PDD provided?	MR		The approval date when the permanent changes to registered monitoring plan were approved is 01/08/2013. The same has been provided in the MR.	OK	OK
B.2.4 Changes to project design of registered project activity					
B.2.4.1 Is it indicated whether any changes to the project design of the project activity have been approved during this monitoring period or submitted with this monitoring report?	MR		Not applicable	OK	OK
B.2.4.2 In cases where the change(s) and the revised PDD are approved prior to the submission of this monitoring report for	MR		Not applicable	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
request for issuance, are the approval date and reference number provided? Otherwise, are the version number and the completion date of the revised PDD provided?					
B.2.5 Changes to start date of crediting period					
B.2.5.1 Is it indicated whether any changes to the start date of the crediting period have been approved during this monitoring period?	MR		Not applicable	OK	OK
B.2.5.2 In cases where the changes and the revised PDD are approved prior to the submission of this monitoring report for request for issuance, are the approval date and reference number provided?	MR		Not applicable	OK	OK
B.2.6 Types of changes specific to afforestation or reforestation project activity					
B.2.6.1 Is it indicated whether any changes specific to afforestation or reforestation project activities have been applied during this monitoring period based on applicable provisions in the Project standard that do not require prior approval by the Board?	MR		Not applicable	OK	OK
B.2.6.2 If changes were applied, are the version number and the completion date of the revised PDD provided?	MR		Not applicable	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
C. Description of monitoring system					
C.1 General requirements					
C.1.1 Have project participants described the monitoring system and provided line diagrams (graphical schemes) showing all relevant monitoring points?	MR PS	193	Yes, the monitoring system has been described. In section C.1 of the MR the line diagram showing all the relevant monitoring points is not provided.	OK	OK
C.1.2 Does this description where appropriate include data collection procedures (information flow including data generation, aggregation, recording, calculations and reporting), organizational structure, roles and responsibilities of personnel, and emergency procedures for the monitoring system?	MR PS	193	Emergency procedures for cluster meters are not specified in Section C of the MR. Please explain.	CAR 2	
C.1.3 Is the monitoring plan of the project activity in accordance with the applied methodology including applicable tool(s)?	VVS	229	Yes, the monitoring plan implemented is in accordance with the applied methodology.	OK	OK
C.1.4 For monitoring aspects that are not specified in the methodology, particularly in the case of small-scale methodologies (e.g. additional monitoring parameters, monitoring frequency and calibration frequency), are there any issues which may enhance the level of accuracy and completeness of the monitoring plan and should bring to the attention of the Board?	VVS	231	Not Applicable	OK	OK
C.1.5 Has the monitoring plan been properly	VVS	234(a)	Yes, the monitoring plan has been properly	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
implemented and followed by the project participants?			implemented in line with the monitoring plan in revised approved PDD.		
C.1.6 Have all parameters stated in the monitoring plan and relevant Board decisions been monitored and updated as applicable, including:	VVS	234(b)		-	-
C.1.6.1 Project emission parameters?	VVS	234(b)	Project emissions are considered as zero which is in line with the methodology.	OK	OK
C.1.6.2 Baseline emission parameters?	VVS	234(b)	Yes	OK	OK
C.1.6.3 Leakage parameters?	VVS	234(b)	Leakage is not considered.	OK	OK
C.1.6.4 Management and operational system: the responsibilities and authorities for monitoring and reporting are in accordance with the responsibilities and authorities stated in the monitoring plan?	VVS	234(b)	The name of the O & M contractor does not match with the revised approved PDD. Please clarify.	CL 3	
D. Data and parameters					
D.1 Data and parameters fixed ex ante or at renewal of crediting period					
D.1.1 For "Purpose of data", is one of the following options chose: (a) Calculation of baseline emissions or baseline net GHG removals by sinks; (b) Calculation of project emissions or actual net GHG removals by sinks; (c) Calculation of leakage?	MR		Purpose of data is appropriately stated for parameters fixed ex-ante.	OK	OK
D.1.2 For "Value(s) applied", if applicable, is one table used to report multiple values referring	MR		Value applied has been provided in the MR which is in accordance with the approved revised PDD.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
to the same data and parameter? If necessary, are reference(s) to electronic spreadsheets used?					
D.1.3 Is the source of data provide and/or identified?	PS	195(d)	Source of data has been provided in the MR.	OK	OK
D.1.4 Is information about appropriate emission factors, IPCC default values and any other reference values that have been used in the calculation of GHG emission reductions or net GHG removals provided?	PS	195(g)	Information about emission factors has been provided. IPCC default values or any other reference values have not been used.	OK	OK
D.2 Data and parameters monitored					
D.2.1 For "Purpose of data", is one of the following options chose: (a) Calculation of baseline emissions or baseline net GHG removals by sinks; (b) Calculation of project emissions or actual net GHG removals by sinks; (c) Calculation of leakage?	MR		Purpose of data is appropriately stated for parameters being monitored.	OK	OK
D.2.2 For "Value(s) of monitored parameter", if applicable, is one table used to report multiple values referring to the same data and parameter? If necessary, are reference(s) to electronic spreadsheets used?	MR		Yes, value of the applicable monitored parameter is provided in the table.	OK	OK
D.2.3 Are the values of the monitored parameter for the purpose of calculating GHG emission reductions or net GHG removals provided? Where data are measured continuously, are they presented using an	PS	195(a)	The values of $EG_{GETCO,Export}$ and $EG_{GETCO,Import}$ do not matches with the values provided in the ER calculation spreadsheet. Please clarify.	CL 4	

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
appropriate time interval? For default values (such as an IPCC value), where it is ex post confirmed, is the most recent value applied?					
D.2.4 Is the equipment used to monitor each parameter described, including details on accuracy class, and calibration information (frequency, date of calibration and validity), if applicable as per monitoring plan?	PS	195(b)	<p>The date of calibration of two cluster meters is not clear from the test certificate submitted –</p> <p>Sr. no. – 10059208 Sr. no. – 10059203</p> <p>Please clarify.</p>	CL 5	
D.2.5 Is the equipment used for monitoring is controlled and calibrated in accordance with the monitoring plan, the applied methodology, the Board guidance, local/national standards, or as per the manufacturer's specification?	VVS	234(c)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	CAR 3	
D.2.6 Is the calibration of those measuring equipments that have an impact on the claimed emission reductions conducted by the project participants at a frequency specified in the applied monitoring methodology and/or the monitoring plan?	VVS	237	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.7 If, during verification of a certain monitoring period, the calibration has been delayed and the calibration has been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available), is the following conservative	VVS	238			

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
approach adopted in the calculation of emission reductions:					
D.2.7.1 Applying the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error?	VVS	238(a)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.7.2 Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment?	VVS	238(b)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.8 Has the error has been applied:	VVS	239	-	-	-
D.2.8.1 In a conservative manner, such that the adjusted measured values of the delayed calibration shall result in fewer claimed emission reductions?	VVS	239(a)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.8.2 For all measured values taken during the period between the scheduled date of calibration and the actual date of calibration.	VVS	239(b)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.9 In cases where the results of the delayed calibration are not available, or the calibration has not been conducted at the time of verification, prior to finalizing	VVS	240	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	

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verification, were the project participants requested to conduct the required calibration have the project participants calculated the emission reductions conservatively using the approach mentioned in item "D.2.7" above?					
D.2.10 In cases where it is not possible for the project participants to conduct the calibration at a frequency specified by either the applied methodology, guidance provided by the Board, and/or the registered monitoring plan due to reasons beyond the control of PPs, are the requirements for post registration changes, in section 9.5 of the VVS, followed?	VVS	241	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.11 In cases where neither the monitoring methodology nor the monitoring plan specify any requirements for calibration frequency for measuring equipments, are the equipments calibrated either in accordance with the specifications of the local/national standards, or as per the manufacturer's specification? If neither local/national standards nor the manufacturer's specification are available, were international standards used?	VVS	242	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
D.2.12 Is it described how the parameters are measured/calculated and the measurement and recording frequency?	PS	195(c)	Yes, the procedure for measurement & calculation and measurement & recording frequency is provided in the MR.	OK	OK

VERIFICATION REPORT

CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
D.2.13 Are monitoring results consistently recorded as per approved frequency?	VVS	234(d)	Yes, monitoring results are recorded on a monthly basis, which is in line with the applied methodology and the approved revised PDD.	OK	OK
D.2.14 Is the source of data (e.g. logbooks, daily records, surveys, etc.) provide and/or identified?	PS	195(d)	Source of data is provided in the MR.	OK	OK
D.2.15 Where relevant is the calculation method of the parameter provided?	PS	195(e)	Yes. Calculation method of monitored parameter is provided in the MR.	OK	OK
D.2.16 Are the QA/QC procedures applied described (if applicable per monitoring plan)?	PS	195(f)	Emergency procedures for cluster meters are not specified in Section C of the MR. Please explain.	(CAR 2)	
D.2.17 Have quality assurance and quality control procedures been applied in accordance with the monitoring plan or the revised monitoring plan?	VVS	234(e)	Emergency procedures for cluster meters are not specified in Section C of the MR. Please explain.	(CAR 2)	
D.2.18 Is information about appropriate emission factors, IPCC default values and any other reference values that have been used in the calculation of GHG emission reductions or net GHG removals provided?	PS	195(g)	Yes.	OK	OK
D.3 Implementation of sampling plan					
D.3.1 Is a description provided on how project participants implemented the sampling efforts and surveys for those data and parameters according to the sampling plan, Include:	MR		Not applicable.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
D.3.1.1 Description of implemented sampling design?	MR		Not applicable.	OK	OK
D.3.1.2 Collected data (electronic spreadsheets may be attached and referenced)?	MR		Not applicable.	OK	OK
D.3.1.3 Analysis of the collected data?	MR		Not applicable.	OK	OK
D.3.1.4 Demonstration on whether the required confidence/precision has been met?	MR		Not applicable.	OK	OK
E. Calculation of emission reductions or GHG removals by sinks					
E.1 Calculation of baseline emissions or baseline net GHG removals by sinks					
E.1.1 Are the sample calculations for all formulae used and calculation of baseline emissions or baseline net GHG removals by sinks provided, applying actual values?	MR PS	197(a)	<p>The following is quoted in the MR <i>"The baseline is the kWh produced by the renewable generating unit multiplied by an emission coefficient (measured in kg CO₂e/kWh) calculated in a transparent and conservative manner as the weighted average emissions (in kg CO₂e/kWh) as described in registered PDD"</i>.</p> <p>The above is not as per approved revised PDD.</p> <p>The notations and details of parameters used in the baseline emission formula are not as per approved revised PDD. Please explain.</p>	CAR 4	
E.1.2 Are the electronic spreadsheets to present full calculations in the monitoring report attached?	MR		Details of project activity viz. Title of the project activity, reference number, monitoring period number and dates etc. is not provided in the electronic spreadsheet. Please clarify.	CL 6	

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
E.2 Calculation of project emissions or actual net GHG removals by sinks					
E.2.1 Are the sample calculations for all formulae used and calculation of project emissions or actual net GHG removals by sinks provided, applying actual values?	MR PS	197(b)	Not applicable	OK	OK
E.2.2 Are the electronic spreadsheets to present full calculations in the monitoring report attached?	MR		Not applicable	OK	OK
E.3 Calculation of leakage					
E.3.1 Are the sample calculations for all formulae used and calculation of leakage provided, applying actual values?	MR PS	197(c)	Not applicable	OK	OK
E.3.2 Are the electronic spreadsheets to present full calculations in the monitoring report attached?	MR		Not applicable	OK	OK
E.4 Summary of calculation of emission reductions or net anthropogenic GHG removals by sinks					
E.4.1 Are the results of above sections summarized and GHG emission reductions or net anthropogenic GHG removals by sinks for this monitoring period presented, using the provided table?	MR PS	197(d)	Results of GHG emission reductions for this monitoring period has been presented using the provided table.	OK	OK
E.4.2 Is a complete set of data for the specified monitoring period is available?	VVS	245(a)	Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	(CAR 3)	
E.4.3 Has information provided in the monitoring report been cross-checked with other	VVS	245(b)	Information provided in the MR has been cross-checked with invoices submitted to GUVNL.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
sources such as plant log books, inventories, purchase records, laboratory analysis?					
E.4.4 Have calculations of baseline emissions, and project activity emissions and leakage, as appropriate, been carried out in accordance with the formulae and methods described in the monitoring plan and the applied methodology document?	VVS	245(c)	Yes, the calculations of baseline emissions are carried out in accordance with the formulae and methods described in the monitoring plan and the applied methodology document. PP has also provided the ER calculation spreadsheet and the formulae used are in line with approved revised PDD.	OK	OK
E.4.5 Have any assumptions used in emission calculations been justified?	VVS	245(d)	Assumptions have not been used for emission calculations.	OK	OK
E.4.6 Have appropriate emission factors, IPCC default values and other reference values been correctly applied?	VVS	245(e)	Appropriate emission factors have been applied in the MR.	OK	OK
E.5 Comparison of actual emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD					
E.5.1 Is a comparison of actual GHG emission reductions or net anthropogenic GHG removal of the project activity achieved during this monitoring period with the estimates in the registered PDD provided?	MR PS	198	Comparison of actual GHG emission reductions with PDD estimates has been provided. Actual GHG ERs are observed to be less than the PDD estimates.	OK	OK
E.6 Remarks on difference from estimated value in registered PDD					
E.6.1 For any registered CDM project activity, except A/R project activities, have project participants explained the cause of any	MR PS	199	The ERs have not increased in accordance with PDD estimates and hence no explanation is required.	OK	OK

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CHECKLIST QUESTION	Ref.	§	COMMENTS	Draft Concl	Final Concl
increase in the actual GHG emission reductions achieved during the current monitoring period (e.g. higher water availability, higher plant load factor, etc.), including all information (i.e. data and/or parameters) that is different from that stated in the registered PDD?					
E.7 Actual emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards					
E.7.1 If the monitoring period starts before 31 December 2012 and ends anytime thereafter, are actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved for the following two periods provided respectively? (a) Up to 31 December 2012 (1st commitment period); (b) From 1 January 2013 onwards.	MR		The monitoring period starts from 01/01/2013 onwards. The actual values of ER achieved from 01/01/2013 to the end of monitoring period are provided in table presented in section E.7.	OK	OK
E.7.2 Is it ensured that the achieved GHG emission reductions or net anthropogenic GHG removals by sinks are calculated proportionally for each period? In cases where annual caps were applied in the calculations, is it ensured that the annual caps are pro-rated to each period?	MR		Not applicable.	OK	OK

VERIFICATION REPORT

Table 2 Resolution of Corrective Action /Clarification / Forward Action Requests

Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
<u>CL 1</u> Continued operation period is not stated in section A.1 of the MR. Please clarify.	A.1.2.3	The revised MR has been updated.	Continued operation period has now been stated in the revised MR. Hence CL 1 is closed.
<u>CL 2</u> During the onsite visit for the project activity during 2 nd monitoring period, it was observed that significant numbers of WEGs (31 nos.) were not operating due to some issues with the grid. The impact of the same needs to be considered and assessed in the respective monitoring period. Please clarify.	B.1.4	During the site visit of second verification it was observed that the WECs were running due to the grid failure and O & M activity. However during the verification, it has been confirmed that the WECs are running properly. The monthly performance details of the all WECs are attached as the documentary evidence.	During the 3 rd verification, it was observed that all the WEGs were operational. The same was also cross-verified with documentary evidence. Hence CL 2 is closed.
<u>CL 3</u> The name of the O & M contractor does not match with the revised approved PDD. Please clarify.	C.1.6.4	The name of the company has been changed from Enercon (India) Limited to Wind World (India) Limited with effect from 1 Jan 2013. The document evidencing the name change i.e. certificate of incorporation has been submitted to the DOE. The same has been also revised in the updated PDD and MR.	The name of the O & M contractor has been revised in the MR due to the change in name of company. Documentary evidence to support the same has been submitted to the DOE. Hence CL 3 is closed.
<u>CL 4</u> The values of EG _{GETCO,Export} and EG _{GETCO,Import}	D.2.3	The sheet and the MR have been made consistent. The error has been rectified.	The values of EG _{GETCO,Export} and EG _{GETCO,Import} have been made consistent in the MR and the ER

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Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
do not matches with the values provided in the ER calculation spreadsheet. Please clarify.			calculation spreadsheet. Hence CL 4 is closed.
<u>CL 5</u> The date of calibration of two cluster meters is not clear from the test certificate submitted – Sr. no. – 10059208 Sr. no. – 10059203 Please clarify.	D.2.4	The earlier submitted calibration certificate was the initial meter test report received from GEDA. We have further sent the request of recalibrating these meters to GEDA. The latest dates of the calibration are mentioned in the revised MR. The calibration certificate is also submitted to the DOE.	The date of calibration of the cluster meters is now provided in the revised MR. For some of the cluster meters, the calibration frequency of once in three years was not followed and hence conservatively error factor has been applied for the entire monitoring period. Hence CL 5 is closed.
<u>CL 6</u> Details of project activity viz. Title of the project activity, reference number, monitoring period number and dates etc. is not provided in the electronic spreadsheet. Please clarify.	E.1.2	The revised sheet has included following details in the title of the project activity, reference number, monitoring period number and dates.	All the relevant details are now provided in the ER calculation spreadsheet. Hence CL 6 is closed.
<u>CAR 1</u> This section is not included in the monitoring	Part 1(I)	The MR version has been revised as per the latest available version of UNFCCC.	Latest version of the MR has now been used.

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Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
report. The version number of the MR is not the latest available on the UNFCCC website. Please explain.			Hence CAR 1 is closed.

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Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
<u>CAR 2</u> Emergency procedures for cluster meters are not specified in Section C of the MR. Please explain.	C.1.2	Emergency procedure for the clusters meters have been included in the MR.	Emergency procedure for cluster meters is now provided in section C of the MR. Hence CAR 2 is closed.
<u>CAR 3</u> Details of calibration carried out after the end date of monitoring period is not provided. Please explain.	D.2.5	The latest calibration certificates of all cluster meters have been submitted to the DOE. The dates of the latest calibration is also mentioned in the MR.	The latest calibration date of all cluster meters is now provided in the MR. Hence CAR 3 is closed.
<u>CAR 4</u> The following is quoted in the MR “ <i>The baseline is the kWh produced by the renewable generating unit multiplied by an emission coefficient (measured in kg CO₂e/kWh) calculated in a transparent and conservative manner as the weighted average emissions (in kg CO₂e/kWh) as described in registered PDD</i> ”. The above is not as per approved revised PDD.	E.1.1	The quote was a typological error in the MR and the same has been deleted in the revised MR. The notations and details of parameters used in the baseline emission formula has been revised in the MR as per approved registered PDD.	Typographical error in the MR has been removed from the MR. Notation and details of parameters have been made as per approved revised PDD. Hence CAR 4 is closed.

VERIFICATION REPORT

Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
The notations and details of parameters used in the baseline emission formula are not as per approved revised PDD. Please explain.			