



VERIFICATION REPORT

199.70 MW WIND PROJECT IN MAHARASHTRA BY BWDPL



South Asia

Document Prepared By

TÜV SÜD South Asia Pvt Ltd

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Summary:

TÜV SÜD South Asia Pvt. Ltd has performed the second verification of the aforementioned VCS project activity. The verification is based on the currently valid documentation of the VCS v4.0 requirements.

The Verification has been conducted for the monitoring period 02/04/2016 to 30/11/2020.

The verification process includes three phases:

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

The main purpose of this project activity is to generate clean form of electricity through renewable wind energy source. The Project activity involves installation of 40 WTGs of capacity 2 MW each (Vestas WTGs) and 57 WTGs of individual capacity 2.1 MW each (Suzlon WTGs), in the state of Maharashtra. The total capacity of the project is 199.7 MW. The electricity generated by the project is sold to the state electricity grid. Thus, the project

activity displaces an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid.

The first set of WTGs under the project were commissioned on 17th May 2013 and the total capacity of the project is 199.7 MW.

4 Clarification Requests (CLs) have been raised during the course of verification process and has been successfully closed. No Corrective Action Request (CAR) or Forward Action Request (FAR) was raised during this verification.

The total GHG emission reductions for the current monitoring period are 1,956,688 tCO₂e. No uncertainties were noticed during the verification.

In conclusion, it is TUV SUD's opinion that the project activity "199.70 MW Wind Project in Maharashtra by BWDPL", meets all relevant requirements for VCS standard and guidelines and correctly applies the baseline and monitoring methodology ACM0002, version 16.0 "Grid-connected electricity generation from renewable sources".

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1 INTRODUCTION

1.1 Objective

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

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

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

1.2 Scope and Criteria

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

- VCS v4.0 requirements
- Clean Development Mechanism Validation and Verification Standard (VVS) for Project Activities v2.0
- Baselines and monitoring methodologies (including GHG inventories)
- Environmental issues relevant to the applicable sectoral scope
- Current technical and operational knowledge of the specific sectoral scope and information on best practice
- Stakeholder consultation and feedback

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

1.3 Level of Assurance

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

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

1.4 Summary Description of the Project

The main purpose of this project activity is to generate clean form of electricity through renewable wind energy source. Bothe Windfarm Development Pvt. Ltd. is the promoter of the proposed project activity. The Project has installed 40 WTGs of individual capacity 2 MW each, and 57 WTGs of individual capacity 2.1 MW each, in the state of Maharashtra. The technology employed is of Suzlon Energy Limited (2.1 MW) and Vestas (2 MW). The total project capacity is 199.7 MW.

The Project activity is a new facility (Greenfield) and it plans to utilize wind energy to generate electricity and supply it to distribution licensees which is a part of the NEWNE (Northern, Eastern, Western and North-Eastern) grid of India. In the absence of the project the same electricity would have been generated through fossil fuel dominated power plants. Thus, the project displaces the electricity from the grid and hence, the electricity grid has been taken as the baseline to the project activity. Emission reductions are claimed on the net electrical energy that is sold to the grid utility.

2 VERIFICATION PROCESS

2.1 Method and Criteria

The information provided by the project participants is assessed by applying the means of verification specified in the VCS standard V4.0 of 19/09/2019 and validation and verification manual V 3.2.

A competent assessment team is selected prior to the start of the verification. The team is selected to cover the technical area(s), sectoral scope(s) and relevant host country experience for evaluating the VCS project activity. Additionally, a competent Technical Reviewer or Technical Reviewer Team is appointed to conduct checks on quality and completeness.

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

2.2 Document Review

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

2.3 Interviews

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

S. No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	V R	Ramesh	Sr. Manager – BWDPL	01/03/2021	Plant Technology, monitoring, data recording, data storage and QA/QC procedures	Rekha Menon
2	N	Prabakaran	Sr. Executive- BWDPL	01/03/2021		
3	Jadhav	Dattatrey	Sr. Engineer (OMS) -BWDPL	01/03/2021		
4	Karale	Vijay	Sr. Manager (OMS) -BWDPL	01/03/2021		
5	Dutta	Supratik	Deputy General Manager (Operations) - EKI Energy Services	01/03/2021	Monitoring plan and ER calculations	
6	Saha	Tapti	Consultant - EKI Energy Services	01/03/2021		

2.4 Site Inspections

Please see 2.3

2.5 Resolution of Findings

Please refer to Appendix -2 of the report.

2.5.1 Forward Action Requests

This is the 2nd periodic verification of the project activity and no FAR was raised in the previous verification /39/ nor the current verification.

2.6 Eligibility for Validation Activities

Not applicable

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project proponent has provided undertaking that it will not claim any GHG credits in any GHG program other than that under VERRA during the current monitoring period. It is also confirmed that the project is not registered with any other GHG programme.

3.2 Methodology Deviations

There is no deviation with respect to the project activity during the current monitoring period.

3.3 Project Description Deviations

As per registered PD, commissioning dates for WTG no SP29, SP30, SP31, SP32 AND SP33 are 16/12/2014 whereas the commissioning certificates are dated 26/12/2014 /27/. The same has been updated in table of section I.7. of the MR. The verification team confirmed the same from the commissioning certificates and accepted the same.

3.4 Grouped Project

Not applicable as the project is non-grouped.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

Bothe Windfarm Development Pvt. Ltd. is the promoter of the proposed project activity. The Project has installed 40 WTGs of individual capacity 2 MW each, and 57 WTGs of individual capacity 2.1 MW each, in the state of Maharashtra. The technology employed is of Suzlon Energy Limited (2.1 MW) and Vestas (2 MW). The total project capacity is 199.7 MW / 05/ to /33/.

The Project activity is a new facility (Greenfield) and it plans to utilize wind energy to generate electricity and supply it to distribution licensees which is a part of the NEWNE (Northern, Eastern, Western and North-Eastern) grid of India. In the absence of the project the same electricity would have been generated through fossil fuel dominated power plants. Thus, the project displaces the electricity from the grid and hence, the electricity grid has been taken as the baseline to the project activity. Emission reductions are claimed on the net electrical energy that is sold to the grid utility.

The first project WTGs under the project was commissioned on 17th May 2013 namely I-7 /08/.

The details of the WTGs in the project and their location and commissioning dates are discussed in section 1.7 of the MR. The audit team has checked all the commissioning certificates of WTGs to confirm the location and the implementation of the project.

Monitoring Parameters:

Means of verification	Referring to VCS v4 and p.360, p.361, p.363 and p.364 of CDM VVS PA, v2.0, the below tables provide a summary on the verification of each monitoring parameter listed in the registered monitoring plan.	
	Data / Parameter:	EG _{PJ,y}
	Data unit:	MWh
	Description:	Quantity of net electricity generation supplied by the project to the grid in year y
	Source of data used:	Monthly electricity credit notes by MSEDCL to BTWDPL /35/
	Means of verification/Comments:	This net electricity generation value is calculated based on the difference between measured values of “export” and “import” for 8 feeders involved in the project activity. The same was

		checked with ER spread sheets and found to be appropriate /42/.
	Cross-check	Credit notes were checked against the invoices /36/ and found to be consistent.
Compliance with the calibration frequency requirements for measuring instruments As per the registered monitoring plan, the meters are to be calibrated annually. The audit team has checked the calibration certificates and records of the monitoring equipment as given below and found that there is delay in calibration for the month of May 2018, May and June 2019 and June and July 2020 /34/. Accordingly, PP has applied necessary correction factors for the delay, and the calculations are found to be conservative. The details of the calibration of meters are given in the table below.		
Conclusion	The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD. All parameters were monitored and determined as per the registered monitoring plan. Referring to p.360, p.361, p.363 and p.364 of CDM VVS PA, v2.0, VVB confirms through video call and telephonic interviews and from the document review, the actual monitoring system complies with the registered monitoring plan. The substantiation of this conformity on information flow for these parameters including the values in the monitoring reports is reported in the above section. During the verification, all relevant monitoring parameters of the registered monitoring plan have been verified with regard to the appropriateness of the verification method, the correctness of the values applied for ER calculation, the accuracy and applied QA/QC measures. After appropriate corrections, carried out by the project participant, it is confirmed that all monitoring parameters have been measured / determined without material misstatements and are in line with all applicable standards and relevant requirements. All parameters required to be monitored are recorded at the intervals required by the registered monitoring plan and the applied methodology. On the basis of review of source and nature of available evidences and records, the verification team confirms the quality of evidence for emission reduction provided is sufficient, which is as per the registered PD.	

Calibration of the meters

Equipment	Make	Serial no	Accuracy	Calibration date	Valid till
Main meter-Feeder 1	Elster	15687851	0.2s		
Check meter-Feeder 1	Elster	05269326	0.2s		
Main meter-Feeder 2	Elster	15687861	0.2s		
Check meter-Feeder 2	Elster	15687859	0.2s		

Main meter-Feeder 3	Elster	05269324	0.2s	19/05/2016	18/05/2017
Check meter-Feeder 3	Elster	05269316	0.2s	19/05/2017	18/05/2018
Main meter-Feeder 4	Elster	05269327	0.2s	21/05/2018	20/05/2019
Check meter-Feeder 4	Elster	15687848	0.2s	18/06/2019	17/06/2020
Main meter-Feeder 5	Elster	16351048	0.2s	08/07/2020	07/07/2020
Check meter-Feeder 5	Elster	16351049	0.2s		
Main meter-Feeder 6	Elster	16351050	0.2s		/34/
Check meter-Feeder 6	Elster	16351051	0.2s		
Main meter-Feeder 7	Elster	16351052	0.2s		
Check meter-Feeder 7	Elster	16351053	0.2s		
Main meter-Feeder 8	Elster	16351054	0.2s		
Check meter-Feeder 8	Elster	16351055	0.2s		

4.2 Safeguards

4.2.1 No Net Harm

The project does not have any negative environmental impacts. As discussed in the MR section 2.1, wind power projects do not require an EIA to be done, which is as per the EIA notification, dated 14/09/2006 /44/.

4.2.2 Local Stakeholder Consultation

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

During current monitoring period no grievance was received/43/. Thus, assessment team is of the opinion that the ongoing stakeholder mechanism is adequate and appropriate.

4.3 AFOLU-Specific Safeguards

Not applicable to this as this is not an AFOLU project activity.

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

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

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

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

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

Calculation of leakage GHG emissions

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

Quality of Evidence to Determine GHG Emission Reductions and Removals

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

4.6 Non-Permanence Risk Analysis

Not applicable.

5 VERIFICATION CONCLUSION

The VVB confirms that

- the development and maintenance of records and reporting procedures are in accordance with the registered monitoring plan;

- the project is operated as planned and described in the project design document approved by the EB;
- the installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately;
- the monitoring system is in place and generates GHG emission reductions data;
- the monitoring plan in Monitoring Report is as per the PDD and monitoring plan approved by the EB;
- the approved monitoring plan in the approved VCS-PD is as per the applied methodology;
- There is an audit trail that contains the evidence and records that validate the stated figures.

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

Verification period: From 02/04/2016 to 30/11/2020

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

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2016	392,585	0	0	392,585
2017	396,360	0	0	396,360
2018	403,027	0	0	403,027
2019	418,133	0	0	418,133
2020	346,583	0	0	346,583
Total	1,956,688	0	0	1,956,688

APPENDIX 1: DOCUMENTS REVIEWED

No	Author	Title	References to the document
1	UNFCCC	CDM VVS for PA v2.0	
2	CDM Executive Board	ACM0002 – “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”, Version 16	20/11/2014
3	Verra	VCS Program Guide, v 4.0	19/09/2019
4	Verra	VCS Standard v4.0	19/09/2019
5	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-48, I-64, I-25, I-29, I-68, I-27	21/06/2013
6	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-1, I-2, I-3	27/05/2013
7	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-66	20/09/2013
8	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-7	17/05/2013
9	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-23, I-21	18/06/2013
10	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-39	21/08/2013
11	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-49, I-47	09/10/2013
12	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-30, I-15	10/10/2013
13	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-59, I-37, I-40, I-71, I-72, I-76, I-77	24/01/2014
14	Maharashtra State Electricity	Commissioning Certificates for I-52	20/02/2014

	Distribution Company Limited		
15	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-8, I-35, I-56, I-41, I-63, I-6, I-42, I-43, I-45	11/09/2013
16	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-5, I-4	15/06/2013
17	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-60	09/01/2013
18	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-33, I-73, I-75	31/01/2014
19	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-57, I-16, I-24, I-81, I-82	26/03/2014
20	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-22	29/03/2014
21	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-34	31/03/2014
22	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-26	07/09/2013
23	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-18	30/03/2013
24	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for SP-40, 05, 06, 07, 08, 09, 10	11/12/2014
25	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for SP-12, 13, 17	25/12/2014
26	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for SP-19, 20, 27, 41, 24,	16/12/2014

27	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for SP-29, 30, 31, 32, 33	26/12/2014
28	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for SP-21, 22, 2634, 35, 36, 37, 38, 39, 28, I-84, SP-25	30/12/2014
29	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-13, I-46, 61	22/08//2014
30	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-19, 31	01/10/2014
31	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-69, 28, 51	03/11/2014
32	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-78, 17	27/11/2014
33	Maharashtra State Electricity Distribution Company Limited	Commissioning Certificates for I-79, 83	27/11/2014
34	Maharashtra State Electricity Distribution Company Limited	Calibration test certificates for main and check meters for all the WTGS in Feeder-1, 2 , 3 , 4, 5, 6, 7 and 8 .	19/05/2016,19/05/2017, 21/05/2018, 18/06/2019, 08/07/2020
35	Maharashtra State Electricity Distribution Company Limited	Credit notes for the period April 2016 to November 2020	-
36	BWDPL	Invoices against the credit notes for the period April 2016 to November 2020	
37	Google Earth	GPS coordinates for 97 WTGs	
38	BWDPL	Site photographs of WTGs and energy meters	
39	Applus Certification	Verification report for the project titled “ 199.70 MW Wind Project in Maharashtra by BWDPL	01/07/2016
40	EKI Energy Services Limited	VCS-PD for the project titled “ 199.70 MW Wind Project in Maharashtra by BWDPL	16/05/2015
41	EKI Energy Services Limited	VCS-MR for the project titled” 199.70 MW Wind project in Maharashtra by BWDPL ”	version 01 of 04/12/2020

			and version 02 of 01/03/2021
42	EKI Energy Services Limited	ER spread sheets (VCS1447_ER Sheet_V01_09122020.ss.xlsx) ER spread sheets (VCS1447_ER Sheet_V0212032021.xlsx),	Version 01 of 09/12/2020 version 02 of 12/03/2021
43	BWDPL	Grievance register	For the period 2016-2020
44	Ministry of Environment and Forest	EIA notification	14/09/2006

APPENDIX 2: RESOLUTION OF FINDINGS

Table 1. CL from this verification

CL ID	01	Section no.	1.11	Date: 11/02/2021
Description of CL				
<i>Section 1.11 of the MR is not clear, if the project has any provisions for monitoring and reporting the sustainable development indicators.</i>				
Project participant response				Date: 01/03/2021
<i>There is no requirement of monitoring of sustainability development indicators neither according to the monitoring plan of the registered PD or host country regulation and same has been included in Section 1.11 of the MR</i>				
Documentation provided by project participant				
<i>Revised MR V2 dated 01/03/2021</i>				
DOE assessment				Date: 20/03/2021
<i>The project doesn't have any provisions for monitoring and reporting the sustainable development indicators as per the registered PD as well as host country regulations. The same has been made transparent in Section 1.11of the MR.</i>				
<i>CL01 is closed.</i>				

CL ID	02	Section no.	2.2	Date: 11/02/2021
Description of CL				
Section 2.2 of the local stakeholders' consultation is not transparent on the mechanisms for ongoing communication with local stakeholders. PP is requested to provide evidence for the same.				
Project participant response				Date: 01/03/2021
<i>A dedicated Visitor register cum grievance register has been placed at the project site which is accessible to stakeholders to provide their feedback on the project. This has been clarified in the section 2.2 of the MR and necessary supportive has been submitted to DOE.</i>				

Documentation provided by project participant	
1. Revised MR V2 dated 01/03/2021 2. Grievance register	
DOE assessment	Date: 20/03/2021
It is checked that a grievance register is maintained at the site. The same has been checked and noted that the project has not received any negative comments. Ongoing methods of communication with local stakeholders has been made transparent in section 2.2 of the MR. CL 02 is closed.	

CL ID	03	Section no.	4.3	Date: 11/02/2021
Description of CL				
The verification team checked the calibration certificates. However, the following gaps noted. 18/05/2018 to 20/05/2018, 20/05/2019 to 17/06/2019 and 17/06/2020 to 07/07/2020. It is not clear on how the above-mentioned gaps are adjusted in the ER calculations. PP is requested to make the same transparent in the MR and ER spread sheets. 2. Section 4.3 of the VCS-MR not transparent on the line diagram with monitoring points.				
Project participant response				Date: 01/03/2021
1. Calibration dates have been revised as per calibration certificates in the revised MR. There is a delay in calibrations of all WTGs in the month of May,2018, May and June, 2019 and June,July,2020 within a permissible limit of accuracy class of 0.2%. Hence an error Factor of 0.2% has been applied in the due months readings. 2. Single Line Diagram has been included in section 4.3 of VCS MR.				
Documentation provided by project participant				
1. Revised ER Sheet V2 dated 01/03/2021 2. Revised MR V2 dated 01/03/2021				

DOE assessment	Date: 20/03/2021
1. The verification team checked the ER sheets and noted that a maximum error of 0.2% as been applied to the calibration gap period, which is accepted. 2. Single line diagram is included in section 4.3 of the revised MR. Based on the above justification, CL03 is closed.	

CL ID	04	Section no.	5.1	Date: 01/03/2021
Description of CL				
1. The proposed monitoring period is from 02/04/2016 to 30/11/2020. The values of net electricity exported to the grid is sourced from the monthly credit notes issued by the state utility (MSEDCL). Though the emission reductions are calculated from 02/04/2016. However, the next export values reported in the emission reduction spread sheets also accounts for 01/04/2016. PP is requested to do the necessary adjustments in ER calculations and support the same with evidence. 2. Export values not transparent for the following turbines in the ER sheet. Also provide credit notes and invoices for the same. 08/2017 : I-33, 46, 53, 61, I-19, 31, I-28, 69, 38, 51, I-79, 80, 83, I-78, 17 07/2019: I-66, I-01, 02, I-30, 49, 39, 25, 48, 29, 64, 21, 23, 3 and I-7 02/04/2016 to 01/03/2017 : SP-17,09,35,36, I-84, SP-33,25,21,27. 01/01/2019 to 01/11/2020: SP-27,21,25 1/07/2019 : Nor provided for feeder 1. 05/2019: SP 29,30,31,32,33,34,37,39,35,36,38 and I-84.				
Project participant response				Date: 25/02/2021
1. Apportioning methodology has been applied for this calculation of the month April,2016 in ER Sheet. 2. Pending credit notes and invoices have been provided to DOE.				

Documentation provided by project participant	
1. Revised ER Sheet V2 dated 01/03/2021 2. Credit Notes and Invoices	
DOE assessment	Date: 20/03/2021
1. The verification team accepts the justification provided by the PP. The same was checked with the ER spread sheets and accepted. 2. Checked the credit notes with invoices. The same was checked with the ER spread sheets and found to be consistent and acceptable. Based on the above CL 04 is closed.	

Table 2. CAR from this verification
NA

Table 3. FAR from this validation
NA