



VCS VERIFICATION REPORT

HANGJIN YIHEWUSU PHASE I 49.5MW WIND POWER PROJECT (VCS PROJECT ID: 1128)



Document Prepared By

Shenzhen CTI International Certification Co., Ltd.

Project Title	Hangjin Yihewusu Phase I 49.5MW Wind Power Project
Version	01.0
Report ID	CTINB-2022-0403

Report Title	Hangjin Yihewusu Phase I 49.5MW Wind Power Project
Client	Climate Bridge (Shanghai) Ltd.
Pages	32
Date of Issue	25/11/2022
Prepared By	Shenzhen CTI International Certification Co., Ltd.
Contact	Address: F8-A CTI Building, No.4 LiuXianSan Road, Xin'an Street, Bao'an District, 518101, Shen Zhen, China Tel: +86 10 65580012 Email: linshunrong@cti-cert.com Website: http://www.cti-cert.org
Approved By	Zhou Lu 
Work Carried Out By	Team Leader: Tong Dezheng Technical Reviewer: Lin Shunrong

Summary:

Shenzhen CTI International Certification Co., Ltd (CTI) has performed the verification of the emission reductions reported for the project activity “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” (VCS Project ID: 1128) for the monitoring period 26/03/2021 to 25/07/2022, to review and determine the monitored reductions in GHG emissions that have occurred as a result of the project activity. These emission reductions are claimed as Verified Carbon Units (VCU) under the Verified Carbon Standard (VCS) version 4.3.

The verification was performed on the basis of VCS Programme Guide version 4.2 and VCS Standard version 4.3 for the VCS projects, as well as criteria given to provide for consistent project operations, monitoring and reporting. The verification was conducted by means of document review, follow-up interviews and site inspections, and the resolution of outstanding issues. The verification team identified 1 CAR, no CL or FAR in this monitoring period.

In CTI's opinion, the GHG emission reductions reported for the project in the monitoring report (version 2.0 dated 18/11/2022) are fairly stated. The GHG emission reductions of the period were calculated correctly on the basis of approved methodology ACM0002 “Grid-connected electricity generation from renewable sources” (Version 12.3.0 and Version 21.0) and the monitoring plan contained in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022).

CTI does not assume any responsibility towards the issuance and utilization of the VCUs hereby verified and certified. Request for issuance of VCUs shall be made by the project proponent to an approved VCS Program Registry based on the requirements set out under the most recent version of the VCS Program Guidelines clause on VCS Registration.

The verification of reported emission reductions is based on the information made available to CTI and the engagement conditions detailed in this report. CTI cannot be held liable by any party for decisions made or not made based on this report.

Hence, CTI is able to certify that the emission reductions from the “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” during the period amount to 132,371 tCO₂e.

contents

1 Introduction	6
1.1 Objective	6
1.2 Scope and Criteria	6
1.3 Level of Assurance	7
1.4 Summary Description of the Project	7
2 Verification Process	8
2.1 Method and Criteria	8
2.2 Document Review	8
2.3 Interviews	9
2.4 Site Inspections	10
2.5 Resolution of Findings	11
2.6 Eligibility for Validation Activities	12
3 Validation Findings	12
3.1 Participation under Other GHG Programs	12
3.2 Methodology Deviations	13
3.3 Project Description Deviations	13
3.4 Grouped Project	14
4 Verification Findings	15
4.1 Project Implementation Status	15
4.2 Safeguards	18
4.3 AFOLU-Specific Safeguards	19
4.4 Accuracy of GHG Emission Reduction and Removal Calculations	19
4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals	26
4.6 Non-Permanence Risk Analysis	26
5 Verification conclusion	26
APPENDIX A: Abbreviations	29
APPENDIX B: references	30

APPENDIX C: Corrective Action Requests, clarification requests and Forward Action Requests	32
---	-----------

1 INTRODUCTION

Climate Bridge (Shanghai) Ltd. has commissioned Shenzhen CTI International Certification Co., Ltd (CTI) to carry out the verification and certification of emission reductions reported for the “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” (the project) for the period 26/03/2021 to 25/07/2022. This report contains the findings from the verification and includes a verification statement for the verified carbon units.

1.1 Objective

Verification is the periodic independent review and ex-post determination by an accredited verification body of the monitored reductions in GHG emissions that have occurred as a result of the registered VCS project activity during a defined verification period.

A verification statement is the written assurance by a verification body that, during a specific period in time, a project activity achieved the emission reductions as verified.

The objective of this verification was to verify and provide a verification statement of emission reductions reported for the “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” for the period 26/03/2021 to 25/07/2022.

1.2 Scope and Criteria

The scope of the verification is:

- To verify that actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan;
- To evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emissions reduction data is free from material misstatement;
- To verify that reported GHG emissions data is sufficiently supported by evidence.

The criteria of the verification are:

- VCS Program Guide (version 4.2) /28/
- VCS Standard (version 4.3) /27/ and other relevant requirements defined by Verra;
- The approved methodology ACM0002 (Version 12.3.0 and Version 21.0) /31/ applied by the project.

The verification shall ensure that reported emission reductions are complete and accurate in order to be verified.

1.3 Level of Assurance

The verification report expresses a conclusion with a reasonable level of assurance about whether the reported GHG emissions reduction data is free from material misstatement. CTI applied a materiality threshold of 5% (for projects with $ER \leq 300,000$ tCO₂e per year) with respect to emission or misstatements concerning reported quantities as per VCS standard (i.e. para 3.9.1 and 4.1.8 (4) of VCS Standard, v4.3).

1.4 Summary Description of the Project

Sectoral Scope and Project Type

According to the VCS Program Guide (version 4.2) /28/, the project is applicable under the following activity categories:

- Sectoral Scope: 1. Energy (Renewable/non-renewable).
- Project type: wind power generation project.

According to Annex A of the Kyoto Protocol, the project is applicable under the Sectoral Scope 1: Energy Industries (renewable/ non-renewable sources).

Project Background

Project title:	Hangjin Yihewusu Phase I 49.5MW Wind Power Project
Project proponent:	Inner Mongolia Guodian New Energy Co.,Ltd. (China)
Project location:	Hangjin County, Ordos City, in the western Inner Mongolia of China
VCS Project ID:	1128
Applied methodology:	ACM0002 Version 12.3.0 and Version 21.0
VCS project crediting period:	28/12/2011 - 27/12/2021 (the first VCS crediting period) 28/12/2021 - 27/12/2031 (the second VCS crediting period)
VCU verification period:	26/03/2021 to 25/07/2022 (26/03/2021 to 27/12/2021 belongs to the 1st VCS crediting period, 28/12/2021 to 25/07/2022 belongs to the 2nd VCS crediting period)

2 VERIFICATION PROCESS

2.1 Method and Criteria

Based on the requirements of competency, experience and qualified sectoral scopes, CTI appointed a verification team in accordance with CTI's internal procedures.

Function	Name	Technical competence	Task Performance*
Team Leader	Tong Dezheng	1.2	☒ DR ☒ SV ☒ RP ☐ TR
Technical Reviewer	Lin Shunrong	1.2	☒ DR ☐ SV ☐ RP ☒ TR

*DR=Document review; SV=Site visit; RP=Reporting; TR=Technical review

The verification was performed through means of the following three phases in accordance with the requirement of the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022), the applied methodology, and the VCS Standard (version 4.3) and other relevant VCS requirements:

- A desk review of the monitoring report and all support documents;
- Follow-up interviews with project stakeholders and site inspection;
- The resolution of outstanding issues and the issuance of the verification report and statement.

The following sections outline each step in more detail.

The verification of the emission reductions has assessed all factors and issues that constitute the basis for emission reductions from the project. These include:

- The emission reduction calculations and the relevant data records;
- The calibration and maintenance records for the monitoring instruments;
- The management systems to support the project operation and monitoring.

2.2 Document Review

In addition to the VER/VCU monitoring report /1/ and emission reduction calculation spreadsheet /2/, the following documents also were assessed as a part of the verification audit:

- Registered VCS PD (version 03 dated 24/09/2013) /18/;
- Revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) /10/;
- renewed VCS PD (version 2.0 dated 18/11/2022) /23/;
- The Validation Report of registered CDM PDD, NO. JCI-CDM-VAL-11/140 REVISION NO. 00, dated 04/09/2012 /19/;

- Validation Opinion of revised CDM PDD, version 1.1 dated 04/02/2015 /11/;
- Validation Report of renewed VCS PD (version 2.0 dated 18/11/2022) /24/;
- VCS Verification Report for Hangjin Yihewusu Phase I 49.5MW Wind Power Project of previous monitoring periods /12/;
- Baseline and monitoring methodology ACM0002 applied by the project/31/;
- Relevant decisions, clarifications and guidance from the Verra/27/-/30/; and
- Other information and references relevant to the project activity.

The references used in the course of this verification are summarized in Appendix B.

During the desk review, CTI has applied standard auditing techniques to assess the quality of information provided. The following activities were performed:

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

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

2.3 Interviews

On 14/11/2022, CTI visited Inner Mongolia Guodian New Energy Co.,Ltd. performed on-site assessment. The key personnel of the project were interviewed or assisted the verification team. Main topics of the interview cover implementation of the project construction, applicability of selected methodology, implementation of project monitoring, emission reduction calculation, etc.

The key personnel interviewed are summarized in the table below:

Interviewed personnel	Role	Organization	Subject
Mr. Yang Xiaochun	Plant Manager	Hangjin Yihewusu Phase I 49.5MW Wind Power Plant	Operation of the project activity; Implementation of the monitor plan of the project activity; Data collection, QA/QC and data achievement; Calibration of meters and equipment maintenance; SDG contribution of the project activity;
Mr. Yu Yang	Duty Director	Hangjin Yihewusu Phase I 49.5MW Wind Power Plant	
Ms. Gao Wa	Representative of the project owner	Inner Mongolia Guodian New Energy Co.,Ltd.	
Mr. Hao Jianping	Staff	Local Environment Protection Bureau	The impact of the project activity; SDG contribution of the project activity; The complaint by local stakeholders; The stakeholder consultation during the operation of the project activity.
Mr. Bai Guixiang	Local resident	Local Village	
Mr. Li Jiqing	Local resident	Local Village	
Ms. Xing Da	Local resident	Local Village	
Ms. Qiao Liyun	Local resident	Local Village	
Ms. Ding Wenjun	Project Manager	Climate Bridge (Shanghai) Ltd.	Data collection and ER calculation.

2.4 Site Inspections

The verification team performed the on-site verification (Hangjin County, Ordos City, in the western Inner Mongolia of China) on 14/11/2022. The interviewed personnel and objective are listed in above table. During the on-site assessment, CTI has applied standard auditing techniques to assess the quality of information provided. The following aspects of the project activity have been verified:

- An assessment of the implementation and operation of the registered project activity is as per the VCS PD;
- A review of information flows for generating, aggregating and reporting the monitoring parameters;
- Interviews with relevant personnel to determine whether the operational and data collection procedures are implemented in accordance with the monitoring plan in the VCS PD;
- A cross-check between information provided in the monitoring report and data from other sources such as plant logbooks and electricity sale receipts;

- A check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the VCS PD and the selected methodology;
- A review of calculations and assumptions made in determining the GHG data and emission reductions; and
- An identification that quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters.

The data presented in the monitoring report were assessed by review of the detailed project documentation and production records, as well as by interviews with personnel from the project developer Inner Mongolia Guodian New Energy Co.,Ltd. and observation of collection of measurements, observation of established monitoring and reporting practices and assessment of the reliability of monitoring equipment. This has enabled the verification team to assess the accuracy and completeness of reported monitoring results, to verify the correct application of the approved monitoring methodology and the determination of the emission reductions.

In addition, all parameters required by the monitoring methodology ACM0002 (Version 12.3.0 and Version 21.0), and the management system were assessed during the site visit.

2.5 Resolution of Findings

A corrective action request (CAR) shall be raised, where:

- i. Non-conformities with the monitoring plan or methodology are found in monitoring and reporting, or if the evidence provided to prove conformity is insufficient;
- ii. Mistakes have been made in applying assumptions, data or calculations of emission reductions which will impair the estimate of emission reductions;
- iii. Issues identified in a FAR during validation to be verified during verification have not been resolved by the project proponents.

A clarification request (CL) shall be raised if information is insufficient or not clear enough to determine whether the applicable VCS requirements have been met.

The verification team identified no CL and 1 CAR in this monitoring period.

2.5.1 Forward Action Requests

A forward action request (FAR) is issued for actions if the monitoring and reporting require attention and/or adjustment for the next monitoring period.

CTI confirmed that there was no FAR identified in previous verification /12/, and no FAR was raised during this verification.

2.6 Eligibility for Validation Activities

The registered CDM PDD was validated by Japan Consulting Institute on 04/09/2012 /19/ and the revised CDM PDD (approved by CDM EB) was validated by Applus+ LGAI on 04/02/2015 /11/. The previous VCS verification was carried out by RINA and CCSC /12/ under VCS Standard version 3 and 4.0. The proposed monitoring period 26/03/2021 to 25/07/2022 is 3rd VCS verification, and CTI just undertook verification activities for the project according to the VCS Program Guide. This section is thus not applicable.

Furthermore, CTI conducted verification less than six consecutive years and thereby is in compliance with para 4.1.20 of VCS standard version 4.3, which stated that “A validation/verification body may not verify more than six consecutive years of a project’s GHG emission reductions or removals”.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project activity was registered as a CDM project (UNFCCC ID. 7221) on 07/09/2012 as per UNFCCC website (<https://cdm.unfccc.int/Projects/DB/JCI1346997827.74/view>). By checking REC Mechanism database of China, the information of I-REC (international renewable energy certificates), Chinese Emission Trading System (Chinese ETS) and Chinese Certified Emission Reduction Mechanism, it is confirmed that the project activity is not accredited / registered under China’s REC mechanism, I-REC, Chinese ETS, or CCER mechanism. The CERs and VCUs issued or applied by the project activity were:

Period	GHG Emission Reductions (t CO ₂ e)	VCUs or CERs
28/12/2011 to 06/09/2012	58,339	VCUs
07/09/2012 to 20/11/2014	189,860	CERs
21/11/2014 to 20/03/2016	135,902	CERs
21/03/2016 to 25/03/2021	501,498	VCUs
26/03/2021 to 25/07/2022	132,371	In requesting for VCUs

The emission reduction resulted from the project during this monitoring period would only apply for VCUs.

3.2 Methodology Deviations

The validation process /11//19/ has assessed all factors and issues that constitute the basis for emission reductions from the project according to the applicable CDM methodology ACM0002 (Version 12.3.0 and Version 21.0) /31/. There was not any methodology deviation applied to this project. Details refer to section 4.1.

3.3 Project Description Deviations

There are project description deviations in relation with crediting period and location of electricity meters.

1. crediting period

The project is registered under VCS Standard Version 3 and completed validation before 19/03/2020. As per Appendix 3 of VCS Standard version 4.3, registered projects and projects that complete validation on or before 19/03/2020 remain eligible to apply the crediting period requirements under VCS Version 3. Thus, it remains eligible to apply the crediting period requirements under VCS Standard Version 3 which shall be a maximum of ten years and may be renewed at most twice. Therefore, the first renewable crediting period of the Project is updated from 28/12/2011 - 06/09/2012 to 28/12/2011 - 27/12/2021, which lasts for 10 years. As per UNFCCC website (<https://cdm.unfccc.int/Projects/DB/JCI1346997827.74/view>), the project was registered under CDM scheme on 07/09/2012 with reference number of 7221. Considering 3*7 years CDM crediting period and 20 years operation time, it is reasonable that the total VCS crediting period was determined from 28/12/2011 to 27/12/2031, of which the first VCS crediting period is from 28/12/2011 - 27/12/2021 and the second VCS crediting period is from 28/12/2021 - 27/12/2031.

2. Location of meters

- ✓ In the revised CDM PDD (version 3.1 dated 03/02/2015 and approved by CDM EB on 17/04/2015), the substation where the meter Ms and Ms' actually located is Kubuqi Substation, not Balagong Substation as mentioned in registered CDM PDD (version 2.0 dated (version 3.1 dated 03/02/2015)).
- ✓ In the revised CDM PDD (version 3.1 dated 03/02/2015 and approved by CDM EB on 17/04/2015), the location of the meter M_I (unidirectional meter) measured the electricity imported from the 10kV backup power line for emergencies, is located in the on-site substation in the project site, not Yihewusu Substation as mentioned in the registered CDM PDD (version 2.0 dated (version 3.1 dated 03/02/2015)).

It is confirmed that the deviations of the project description does not change the nature of the project activity, will not lower the accuracy and conservativeness of the monitoring system and will not negatively impact the conservativeness of the quantification of GHG emission reductions or removals.

Besides, these deviations have no impact on the applicability of the methodology, additionality or the appropriateness of the baseline scenario and meet all appropriate rules and requirements of VCS standard.

It is confirmed that the deviations are applicable to this monitoring period.

3.4 Grouped Project

The project was not a grouped project; hence this clause is not applicable.

4 VERIFICATION FINDINGS

This section summarises the findings from the verification of the emission reductions reported for the “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” for the period 26/03/2021 to 25/07/2022.

4.1 Project Implementation Status

Project Implementation in accordance with the designed documents

The project is a grid-connected wind power project, which is located in Hangjin County, Ordos City, in the western Inner Mongolia of China. The installed capacity of the project is 49.5MW, consisting of 33 wind turbines with unit capacity of 1,500 kW. The average annual power delivered to the grid by the project is expected to be 117,784 MWh. The actual implementation of the project during this verification period was verified in terms of name plate capacities of wind turbines and monitoring equipment. The details of wind turbines with respect to installation and capacity have been verified to be consistent with description indicated in the revised CDM PDD (approved by CDM EB) and renewed VCS PD (version 2.0 dated 18/11/2022). The project started construction on 26/02/2009 and the project activity was put into operation on 28/12/2011, which has been verified by site visit interview, checking VCS Verification Report of previous monitoring period /12/. The electricity generated by the project activity was supplied to North China Power Grid (NCPG), which can be confirmed by the Power Purchase Agreement (PPA) signed between the project developer and Inner Mongolia Power Grid Company /3/. The project start date was identified as 28/12/2011 when the project started to operate and began generating GHG emission reductions.

The technical parameters have been verified with the nameplates /17/ as below:

Parameters	Data
Model	WD82-1500
Rated power (kW)	1500
Rotor diameter (m)	82
Cut-in wind speed (m/s)	3
Rated wind speed (m/s)	10.5
Cut-out wind speed (m/s)	25
Quantity	33
Operation Lifetime (y)	20

Via onsite investigation and checking daily operation and maintenance records /6/, the verification team confirmed that:

- there is no proposed or actual change to the revised CDM PDD (approved by CDM EB) and renewed VCS PD during this monitoring period;

- all required equipments and procedures are available and implemented in an appropriate manner;
- the project is completely operational and all necessary monitoring instruments are installed;
- all required instruments including standby and operating procedures for the same have been implemented in an appropriate manner;
- neither mistakes nor malfunction on main meters have been observed during this monitoring period.
- the control system at the power plant is automated and assures continuous operation, including monitoring on malfunction of equipment;
- no serious malfunction happened and the plant was under a normal operation as expected in this monitoring period.

Furthermore, on-site training for the related procedures including monitoring, recording and reporting was verified to be in place /5/ and their implementation was confirmed by interview with the key operators and observing the operation. The monitoring structure and responsibility of personnel, as well as internal auditing process have been verified during site visit and confirmed to be in compliance with the the monitoring plan contained in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022).

In conclusion, as part of the site visit, CTI confirms that:

- the monitoring plan contained in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022) is in accordance with the approved methodology applied by the project activity, i.e. ACM0002 (Version 12.3.0 and Version 21.0);
- the project implementation is in accordance with the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022);
- all the monitoring system in operation period is in accordance with the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022);
- all physical features of the proposed project activity including data collection systems and storage systems have been implemented in accordance with the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022) through visual inspection and document review.

Participation or any rejection under any other GHG programs, any other form of environmental credit or emissions trading program since validation or previous verification

The project activity was registered as a CDM project (UNFCCC ID. 7221) on 07/09/2012 as per UNFCCC website (<https://cdm.unfccc.int/Projects/DB/JCI1346997827.74/view>). By checking REC Mechanism database of China, the information of I-REC (international renewable energy certificates), Chinese Emission Trading System (Chinese ETS) and Chinese Certified Emission Reduction Mechanism, it is confirmed that the project activity is not accredited / registered under China's REC mechanism, I-REC, Chinese ETS, or CCER mechanism. The CERs and VCUs issued or applied by the project activity were:

Period	GHG Emission Reductions (t CO ₂ e)	VCUs or CERs
28/12/2011 to 06/09/2012	58,339	VCUs
07/09/2012 to 20/11/2014	189,860	CERs
21/11/2014 to 20/03/2016	135,902	CERs
21/03/2016 to 25/03/2021	501,498	VCUs
26/03/2021 to 25/07/2022	132,371	In requesting for VCUs

Besides, as per “Notice on Strengthening Enterprise Greenhouse Gas Emission Report Management” /21/ issued by National Development and Reform Committee of P.R.China, China has a national emissions trading scheme only cover the high-emission industries, including thermal power generation, petrochemical, chemical, building materials, iron and steel, non-ferrous, paper, aviation and other key emission industries that emitted at least 26,000 tons of CO₂e/year. By checking “List of key emissions in the national carbon emissions transaction quota management in 2019-2020” /22/ issued by Ministry of Ecology and Environment of P.R.China, the project owner is not included in the mandatory emission control scheme and thus no emission cap was enforced for the project activity.

Therefore, the verification team confirmed that the project only applies VCUs under VCS standard, and no rejection from VCS standard occurs.

SD contributions resulted by implementation of the project activity

By checking the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022), China’s National Plan on Implementation of the 2030 Agenda for Sustainable Development and 17 SDGs defined by UNDP, and interviewing with stakeholders during site visit, the verification team confirmed that the project would contribute to sustainable development in as below:

- **SDG 13:** Reducing greenhouse gas emissions compared to a business-as-usual scenario. During this monitoring period, the emission reductions achieved were 132,371tCO₂e. By checking VERRA website (<https://registry.verra.org/app/projectDetail/VCS/1128>), it is confirmed that the cumulative Contributions Over Project Lifetime since project start date, i.e. 28/12/2011, were 1,017,970tCO₂e achieved emission reductions.

- **SDG 7:** Providing clean and renewable energy source and displacing the power generation of fossil fuel power plants, reducing pollution emissions caused by coal burning significantly, thus mitigating the air pollution and its adverse impacts on human health, promoting sustainable economic development in local area. During this monitoring period, the renewable energy supplied to NCPG was 152,494.352MWh. By checking VERRA website (<https://registry.verra.org/app/projectDetail/VCS/1128>), it is confirmed that the cumulative Contributions Over Project Lifetime since project start date, i.e. 28/12/2011, were 1,176,700.920 MWh renewable energy supplied to NCPG.

- **SDG 8:** Providing direct and indirect employment opportunities during construction and operation period, which promotes sustained, inclusive and sustainable economic growth, full and productive employment and decent work for local residents. By checking Employment Contracts and Salary

Records /11/, it is confirmed that since operation of the project activity, 10 long term working opportunities are provided.

The verification team confirmed that there is no proposed or actual change to the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022) during this monitoring period. All required equipments and procedures are available and implemented in an appropriate manner. All necessary monitoring instruments are installed. All required instruments including standby and operating procedures for the same have been implemented in an appropriate manner. The project is completely operational and the same has been confirmed on-site. Neither mistakes nor malfunction on meters have been observed during this monitoring period.

4.2 Safeguards

4.2.1 No Net Harm

By checking the EIA summary /25/ and conclusion provided in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), it is confirmed that wind power is green power and the impact caused by wind power on the surrounding ecosystem and residents, wastewater, solid waste and atmosphere etc. is very little, there would be no net harm caused due to the project activity. Also, the EIA of the project /25/ are approved by the government.

Also, no potential environment or social economic matter was found during the site visit. The project is renewable energy project and thus no net harm observed in air or water quality on-site.

4.2.2 Local Stakeholder Consultation

As per the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), the local stakeholder's consultation was conducted during 17/08/2011 and 19/08/2011. During the stakeholder's consultation, a one page questionnaire which was designed to be easily filled in Were distributed. 50 questionnaires were distributed and 46 questionnaires were filled in, included local residents and members of the local government and authorities. The opinions expressed by the stakeholders were recorded and are available on request.

The survey showed that the project receives strong support from the local community. They all believe the project will provide job opportunities and promote local economic development and agree with the project development and construction.

Communications with local stakeholders were carried out at periodic intervals. During this monitoring period, stakeholder comments were collected in May 2021 and June 2022 through distributing questionnaires. By checking the same, it is confirmed that no comments were received. Furthermore, through interviewing with staff from local environmental protection bureau and local residents during the site visit, it is confirmed by the verification team that during the implementation stage of this monitoring period, on one hand, key implementation schedules or changes of the project will be reported to the local authority, who will inform the neighbourhood committee and the local residents, the comments and suggestions from residents will be collected by the local authority and inform the

project developer; on the other hand, local authority has conducted spot checks on the implementation of the project periodically as per the request from the local governments' regulations. Through interviewing with staff from local environmental protection bureau and local residents during the site visit, It is confirmed by the verification team that there were no negative comments and issues from the local stakeholders during this monitoring period and the project passed all the periodic spot checks by local government.

All such conclusion has been verified through site visit and check revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and MR (version 2.0 dated 18/11/2022).

4.3 AFOLU-Specific Safeguards

For non-AFOLU projects, this section is not required.

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

The monitoring has been carried out in accordance with the monitoring plan contained in the registered revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015). CTI confirms that all parameters stated in the monitoring plan are monitored and reported appropriately. All parameters required to be monitored by the monitoring plan as per the monitoring methodology ACM0002 (Version 12.3.0 and Version 21.0) and the management system were assessed during the site visit. The monitoring report lists each parameter required by the monitoring plan and the information flow (i.e. from data generation, aggregation, recording, calculation and reporting) for these parameters is provided. The information flow for the each parameter in further verified in the following sections.

Parameters monitored

According to the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022), the parameters monitored ex post for the project were justified as follows:

- ✓ **Quantity of net Electricity delivered to the grid by the proposed project / Quantity of net electricity generation supplied by the project plant/unit to the grid in year y ($EG_{\text{facility},y}$)**

Electricity generated by this project is sent to Inner Mongolia power grid, which is part of the North China Power Grid (NCPG). Finally the electricity is supplied to the North China Power Grid (NCPG) of China. $EG_{\text{facility},y}$ is calculated via formula " $EG_{\text{net},m_s,y} - EG_{\text{imp},m_i,y}$ "

The net electricity delivered to the grid measured by meter M_s (M_s') ($EG_{\text{net},m_s,y}$)

$EG_{\text{net},m_s,y}$ is calculated via equation "the amount of electricity supplied to the grid - the amount of electricity imported from the grid". During site investigation, it is confirmed that main meter M_s and its backup meter M_s' installed at the Kubuqi substation were used to measure the amount of electricity

supplied to the grid and the amount of electricity imported from the grid continuously. Meter readings were recorded monthly and archived electronically. M_s' will be used when M_s is not working.

By checking the operation log /6/ and interview with project developer during site visit, it is confirmed that during this monitoring period, meter M_s is working well and has no malfunction. By checking the Electricity Sales Receipts /8/ and interviewing with project developer during site visit, it is confirmed that the cut-off time of electricity supplied to the grid and electricity imported from the grid is 24:00 of 25th day every month except January and February in 2022, and the cut-off time of electricity supplied to the grid and electricity imported from the grid is 24:00 of 24th day in January in 2022 and is 24:00 of 22nd day in February in 2022.. At the cut-off time, the staff from project developer and staff from the grid company read the meter reading of M_s together. The project developer will afterwards form Monthly Reading Records (MRRs) /7/ while the grid company transcribes the data into Electricity Sales and Purchase Receipts /8/. $EG_{net,m_s,y}$ was sourced from Meter Reading Records (MRRs) /7/ and Electricity Sales and Purchase Receipts /8/ covering monitoring period. The conservative data between MRRs and Electricity Sales and Purchase Receipts will be used to calculate the emission reductions.

The electricity imported from the grid through meter M_i ($EG_{imp,m_i,y}$)

During site investigation, it is confirmed that meter M_i installed at the onsite substation at the project site was used to measure $EG_{imp,m_i,y}$ continuously. Meter readings were recorded monthly and archived electronically. Meter M_i recorded the electricity imported from the 10kV backup power supply grid for emergencies from the grid. By checking the operation log /6/ and interview with project developer during site visit, it is confirmed that during this monitoring period, no electricity was imported from the 10kV backup power supply grid.

Monitoring equipment and calibration

Electricity Meters have been calibrated periodically as per the relevant industrial standard by the qualified third party to ensure the monitoring equipments' accuracy and in good conditions. The relevant information of meter's calibration is listed as below.

Meter	Serial Number	Type	Accuracy Class	Calibration Frequency	Calibration Date	Validity
Meter M_s	96913470	ZMQ202C bi-directional meter	0.2s	Annually	10/04/2020	09/04/2021
					05/04/2021	04/04/2022
					02/04/2022	01/04/2023
Meter M_s'	96867840	ZMQ202C bi-directional meter	0.2s	Annually	10/04/2020	09/04/2021
					05/04/2021	04/04/2022
					02/04/2022	01/04/2023
Meter M_i	040120570073	DHZ719 unidirectional meter	0.5s	Annually	19/08/2020	18/08/2021
					10/08/2021	09/08/2022

Meter M_s , M_s' and M_i have been calibrated by Electric Energy Measurement and Testing Center of Inner Mongolia Electric Power Research Institute. Calibration records and accreditation certificates /14//15/

have been verified by the verification team. The accuracy of meter is comply with that in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022). By checking the industrial metering configuration standard “Technical Administrative Code of Electric Energy Metering” /16/, CTI can confirm that the accuracy level of meter meet the requirement stipulated in this standard. CTI can thus confirm that the accuracy of the meter is in line with the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022), and relevant industry standard.

In the monitoring plan of the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022), it is stated that the meter will be calibrated and checked annually for accuracy. By checking the calibration reports, CTI found the calibration frequency of electricity meter is annual, which is in line with the calibrating standard “Technical Administrative Code of Electric Energy Metering” /16/. Hence, CTI can confirm that the meter’s calibration frequency is in line with the monitoring plan of the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022) and relevant industry standard, and the calibrations are verified to be valid for the whole reporting period.

Data management and control

The project developer is responsible for operation and routine maintenance of power plant under the project activity. The quality assurance and quality control procedures have been addressed in the VER project management and monitoring manual /4/, including the organization structure with the responsibilities, personnel competencies, monitoring procedures and monitoring management. By interview with the staff and check records /4/-/6/ during on-site visit, it can be confirmed that the monitoring management system is implemented following the project management and monitoring manual.

All monitoring devices have been calibrated and maintained periodically to ensure the accuracy of measurement. Calibration records of instruments used in measurements were made available during the verification visit and found to be valid for the entire period of the verification. Competence and training records of in-plant personnel engaged in measurement of plant parameters were presented during verification and found to be in order.

CTI confirms that appropriate methods and formulae for calculating baseline emissions, project emissions and leakage have been followed, and the assumptions, emission factors and default values that are applied in the calculation have been justified.

Emission reduction calculation

CTI confirms that appropriate methods and formulae for calculating baseline emissions, project emissions and leakage have been followed, and the assumptions, emission factors and default values that are applied in the calculation have been justified.

According to the applied methodology, the emission reductions are determined as the difference between the baseline emissions, project emissions and leakage:

$$ER_y = BE_y - PE_y$$

✓ Baseline emissions

Baseline reductions are determined as multiplying Quantity of net Electricity delivered to the grid by the proposed project ($EG_{\text{facility},y}$) by baseline grid emission factor ($EF_{\text{grid,CM},y}$) for the 1st crediting period, and multiplying Quantity of net electricity generation supplied by the project plant/unit to the grid in year y ($EG_{\text{facility},y}$) by Combined margin CO₂ emission factor for grid connected power generation in year y ($EF_{\text{grid,CM},y}$) for the 2nd crediting period.

$$BE_y = EG_{\text{facility},y} \times EF_{\text{grid,CM},y} = (EG_{\text{net},m_s,y} - EG_{\text{imp},m_l,y}) \times EF_{\text{grid,CM},y}$$

Combined margin CO₂ emission factor for grid connected power generation in year y ($EF_{\text{grid,CM},y}$)

The parameters $EF_{\text{grid,CM},y}$ is determined ex-ante by China DNA to be 0.8959 tCO₂e/MWh (for the 1st crediting period) and 0.8269 tCO₂e/MWh (for the 2nd crediting period), which is in compliance with the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022). .

Quantity of net Electricity delivered to the grid by the proposed project / Quantity of net electricity generation supplied by the project plant/unit to the grid in year y ($EG_{\text{facility},y}$)

$$EG_{\text{facility},y} = EG_{\text{net},m_s,y} - EG_{\text{imp},m_l,y}$$

$EG_{\text{net},m_s,y}$ = the amount of electricity supplied to the grid - the amount of electricity imported from the grid

$EG_{\text{net},m_s,y}$ is determined by readings of meter Meter M_s, M_s'. Data in the Electricity Sales and Purchase Receipts were used to cross-checked with that in the Monthly Reading Records (MRRs). The most conservative values have been applied to calculate the quantity of net electricity generation supplied by the project. $EG_{\text{imp},m_l,y}$ is determined by readings of meter Meter M_l. During this monitoring period, no electricity was imported from the 10kV backup power supply grid, i.e. value of $EG_{\text{imp},m_l,y}$ is 0.

Period		$EG_{net,m_s,y}$							$EG_{imp,m_i,y}$ (MWh)			$EG_{facility,y}$ (MWh)
		the amount of electricity supplied to the grid (MWh)			the amount of electricity imported from the grid (MWh)			Data used for ER calculation				
		MRRs	Electricity Sales Receipts	Conservative data	MRRs	Electricity Purchase Receipts	Conservative data		MRRs	Statement from the grid	Data used for ER calculation	
		A	B	C=min(A, B)	D	E	F=max(D,E)		G=C-F	H	I	
26/03/2021	25/04/2021	8,574.07	8,574.07	8,574.07	45.69	45.69	45.69	8,528.380	0	0	0	8,528.380
26/04/2021	25/05/2021	15,718.08	15,718.08	15,718.08	19.29	19.29	19.29	15,698.790	0	0	0	15,698.790
26/05/2021	25/06/2021	9,443.24	9,443.24	9,443.24	32.8	32.8	32.8	9,410.440	0	0	0	9,410.440
26/06/2021	25/07/2021	8,011.05	8,011.05	8,011.05	45.91	45.91	45.91	7,965.140	0	0	0	7,965.140
26/07/2021	25/08/2021	7,305.83	7,305.83	7,305.83	33.77	33.77	33.77	7,272.060	0	0	0	7,272.060
26/08/2021	25/09/2021	6,450.15	6,450.15	6,450.15	40.71	40.71	40.71	6,409.440	0	0	0	6,409.440
26/09/2021	25/10/2021	8,579.28	8,579.28	8,579.28	41.21	41.21	41.21	8,538.070	0	0	0	8,538.070
26/10/2021	25/11/2021	14,337.06	14,337.06	14,337.06	34.39	34.39	34.39	14,302.670	0	0	0	14,302.670
26/11/2021	25/12/2021	12,272.17	12,272.17	12,272.17	9.1	9.1	9.1	12,263.070	0	0	0	12,263.070
26/12/2021	27/12/2021	563.53	563.53	563.53	6.19	6.19	6.19	557.340	0	0	0	557.340
28/12/2021	31/12/2021	1,127.07	1,127.07	1,127.07	12.37	12.37	12.37	1,114.700	0	0	0	1,114.700
01/01/2022	24/01/2022	6,762.40	6,762.40	6,762.40	74.24	74.24	74.24	6,688.160	0	0	0	6,688.160
25/01/2022	22/02/2022	5,627.94	5,627.94	5,627.94	70.95	70.95	70.95	5,556.990	0	0	0	5,556.990
23/02/2022	25/03/2022	11,963.57	11,963.57	11,963.57	37.21	37.21	37.21	11,926.360	0	0	0	11,926.360
26/03/2022	25/04/2022	13,041.97	13,041.97	13,041.97	16.34	16.34	16.34	13,025.631	0	0	0	13,025.631

26/04/2022	25/05/2022	10,940.38	10,940.38	10,940.38	75.218	75.218	75.218	10,865.162	0	0	0	10,865.162
26/05/2022	25/06/2022	2,202.45	2,202.45	2,202.45	77.431	77.431	77.431	2,125.019	0	0	0	2,125.019
26/06/2022	25/07/2022	10,318.04	10,318.04	10,318.04	71.11	71.11	71.11	10,246.930	0	0	0	10,246.930

By checking Statement from local power grid company /26/, it is confirmed that electricity data from the period from 26/12/2021 to 27/12/2021, 28/12/2021 to 31/12/2021, 01/01/2022 to 24/01/2022 was sourced from daily meter readings and have been confirmed by local power grid company.

Hence, the corresponding baseline emission reductions are calculated as:

Period	EG _{facility,y}	EF _{grid,CM,y}	BE _y
	MWh	tCO ₂ /MWh	tCO ₂
26/03/2021~27/12/2021 (1 st CP)	90,945.400	0.8959	81,477
28/12/2021~31/12/2021 (2 nd CP)	1,114.700	0.8269	921
01/01/2022~25/07/2022 (2 nd CP)	60,434.252	0.8269	49,973
Total	152,494.352	/	132,371

✓ Project emissions

According to the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022) and through site inspection, it is confirmed the project activity is a wind power plant. As per revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022) and ACM0002 “Grid-connected electricity generation from renewable sources”, Version 12.3.0 and Version 21.0, the project emission (PE_y) = 0 tCO₂e.

✓ Leakages

Leakage does not need to be accounted for this project as per the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022).

✓ Emission reductions

The emission reductions for this monitoring period was calculated as:

Monitoring period	GHG emission reductions or removals (tCO ₂ e)
26/03/2021~31/12/2021	82,398
01/01/2022~25/07/2022	49,973
Total ERs claimed (in 487 days)	132,371

Comparison of actual emission reductions or net anthropogenic GHG removals by sinks with estimates in validated VCS documents

The emission reductions claimed are 132,371 tCO₂e in this monitoring period. As per revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022), the annual emission reduction in 1st and 2nd crediting period are respectively 105,520 tCO₂e and 97,395 tCO₂e. Therefore, the estimated emission reduction in the monitoring period is 136,115 tCO₂e (calculated as 105,520 tCO₂e * 277days / 365days + 97,395 tCO₂e * 210days / 365days).

Compared with expected emission reductions 136,115 tCO₂e, the reported emission reductions in this monitoring period are 2.75% lower than the expected which is due to fluctuation of wind resources.

CTI is able to confirm that emission reductions reported in this monitoring period are reasonable, appropriate and not over estimated. CTI verified the input data for calculating emission reductions and the calculating process, and confirmed the result were complete and transparent.

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

All necessary documentations are collected, referenced and aggregated, which is easily accessible in hard-copy or electronic format. Measurements are performed by calibrated equipment, and the key data can also be cross-checked via other sources, such as records, receipts and inventory data. No assumptions are used that have any material influence on reported emission reductions.

CTI concludes that during this monitoring period, the evidences for determination of emission reductions are sufficient and reasonable, and the calculation of emission reductions is reliable.

4.6 Non-Permanence Risk Analysis

The project is not AFOLU project, and thus non-permanence risk analysis is not applicable for the project.

5 VERIFICATION CONCLUSION

Shenzhen CTI International Certification Co., Ltd (CTI) has performed the verification of the emission reductions that have been reported for the project activity “Hangjin Yihewusu Phase I 49.5MW Wind Power Project” in China (VCS Project ID: 1128) for the period 26/03/2021 to 25/07/2022.

The verification is based on the baseline and monitoring methodology ACM0002 (Version 12.3.0 and Version 21.0), revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022) and the monitoring report (version 2.0 dated 18/11/2022). The verification consisted of the following three phases: i) desk review of the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification and certification report.

The project proponents are responsible for the collection, calculation and determination of the GHG data in accordance with the monitoring plan and the reporting of GHG emission reductions on the basis set out within the project monitoring report.

Our verification approach was based on the requirements as defined under the applicable VCS Standard version 4.3 and relevant UNFCCC requirements. Our approach is risk-based, drawing on an

understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. The verification can confirm that:

- the project is implemented and operated as per revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022);
- the monitoring plan in VCS PD is as per the applied methodology;
- the monitoring complies with the monitoring plan in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015), renewed VCS PD (version 2.0 dated 18/11/2022);
- the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable VCS Standard version 4.3 and CDM requirements;
- 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 GHG emission reductions are calculated without material misstatements.

It is CTI's responsibility to provide an independent verification statement on the reported GHG emission reductions for the project. Based on an understanding of the risks associated with reporting of GHG emission data and the controls in place to mitigate these, CTI planned and performed our work to obtain the information and explanations that we considered necessary to provide reasonable assurance that reported GHG emission reductions are fairly stated.

CTI does not assume any responsibility towards the issuance and utilization of the VCUs hereby verified and certified. Request for issuance of VCUs shall be made by the project proponent to an approved VCS Program Registry based on the requirements set out under the most recent version of the VCS Program Guidelines clause on VCS Registration.

The verification of reported emission reductions is based on the information made available to CTI and the engagement conditions detailed in this report. CTI cannot be held liable by any party for decisions made or not made based on this report.

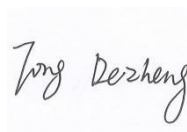
In CTI's opinion the GHG emissions reductions of the "Hangjin Yihewusu Phase I 49.5MW Wind Power Project" for the period 26/03/2021 to 25/07/2022 are fairly stated in the monitoring report (version 2.0 dated 18/11/2022). The GHG emission reductions were calculated correctly on the basis of the approved methodology ACM0002 (Version 12.3.0 and Version 21.0) and the monitoring plan contained in the revised CDM PDD (approved by CDM EB) (version 3.1 dated 03/02/2015) and renewed VCS PD (version 2.0 dated 18/11/2022).

CTI can confirm that the GHG emission reductions are calculated without material misstatements. Based on the evidence and information that are considered necessary to guarantee that GHG emission reductions are appropriately calculated, CTI confirms the following statement:

Verification period: From 26/03/2021 to 25/07/2022

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

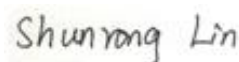
Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
26/03/2021~31/12/2021	82,398	0	0	82,398
01/01/2022~25/07/2022	49,973	0	0	49,973
Total	132,371	0	0	132,371



Mr. Tong Dezheng

Team Leader

25/11/2022



Mr. Lin Shunrong

Technical Reviewer

25/11/2022

APPENDIX A: ABBREVIATIONS

CAR	Corrective Action Request
CER	Certified Emission Reduction(s)
CL	Clarification request
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
CTI	Shenzhen CTI International Certification Co., Ltd
DOE	Designated Operational Entity
EF	Emission Factor
ER	Emission Reduction
FAR	Forward Action Request
GHG	Greenhouse Gas(es)
MP	Monitoring Period
MR	Monitoring Report
NCPG	North China Power Grid
PD	Project Description
PP	Project Proponent
VCS	Verified Carbon Standard
VCU	Verified Carbon Unit

APPENDIX B: REFERENCES

Documentation used to verify the information provided by the project proponents

- /1/ Climate Bridge (Shanghai) Ltd.: VER/VCU Monitoring Report for Hangjin Yihewusu Phase I 49.5MW Wind Power Project, version 1.0 dated 09/10/2022, version 2.0 dated 18/11/2022.
- /2/ Climate Bridge (Shanghai) Ltd.: Emission reduction calculation spreadsheet for Hangjin Yihewusu Phase I 49.5MW Wind Power Project
- /3/ Inner Mongolia Guodian New Energy Co.,Ltd. and Inner Mongolia Power Grid Company: Power Purchase Agreement for Hangjin Yihewusu Phase I 49.5MW Wind Power Project.
- /4/ Inner Mongolia Guodian New Energy Co.,Ltd.: VER monitoring manual and management procedure.
- /5/ Inner Mongolia Guodian New Energy Co.,Ltd.: Records of training for on-site staff.
- /6/ Inner Mongolia Guodian New Energy Co.,Ltd.: Operation log, from 26/03/2021 to 25/07/2022.
- /7/ Inner Mongolia Guodian New Energy Co.,Ltd.: Monthly reading records (MMRs) of Hangjin Yihewusu Phase I 49.5MW Wind Power Project from 26/03/2021 to 25/07/2022.
- /8/ Inner Mongolia Power Grid Company: Electricity Sales Receipts from 26/03/2021 to 25/07/2022.
- /9/ Inner Mongolia Power Grid Company: Electricity Purchase Receipts from 26/03/2021 to 25/07/2022.
- /10/ Revised CDM PDD (approved by CDM EB) version 3.1 dated 03/02/2015.
- /11/ Applus+ LGAI: Validation Opinion of revised CDM PDD, version 1.1 dated 04/02/2015
- /12/ RINA and CCSC: VCS Verification Report of previous monitoring periods
- /13/ VER/VCU Monitoring Report of previous monitoring periods
- /14/ Inner Mongolia Autonomous Region Quality and Technical Supervision Bureau: Accreditation certificate of Electric Energy Measurement and Testing Center of Inner Mongolia Electric Power Research Institute valid till 01/01/2023.
- /15/ Electric Energy Measurement and Testing Center of Inner Mongolia Electric Power Research Institute: Calibration certificates for meters covering this monitoring period.
- /16/ State Economic and Trade Commission: Technical administrative code of electric energy

- metering (DL/T 448-2016).
- /17/ Inner Mongolia Guodian New Energy Co.,Ltd.: nameplate of the equipment
 - /18/ Registered VCS PD version 03 dated 24/09/2013.
 - /19/ Japan Consulting Institute: the Validation Report of registered CDM PDD, NO. JCI-CDM-VAL-11/140 REVISION NO. 00, dated 04/09/2012
 - /20/ Questionnaires distributed by PP in May 2021 and June 2022
 - /21/ “Notice on Strengthening Enterprise Greenhouse Gas Emission Report Management” issued by National Development and Reform Committee of P.R.China
 - /22/ “List of key emissions in the national carbon emissions transaction quota management in 2019-2020” issued by Ministry of Ecology and Environment of P.R.China
 - /23/ Climate Bridge (Shanghai) Ltd.: renewed VCS PD, version 2.0 dated 18/11/2022
 - /24/ Shenzhen CTI International Certification Co., Ltd (CTI): validation report of renewed VCS PD, version 01.0 dated 25/11/2022
 - /25/ Environment Impact Assessment (EIA) Report, completed by Inner Mongolia Hydro and Hydraulic design institute on January 2008 and approved by Local Environmental Protection Bureau on 01/02/2008
 - /26/ Statement from local power grid company issued on 10/10/2022

Methodologies, tools and other guidance

- /27/ Verified Carbon Standard: VCS Standard, version 4.3.
- /28/ Verified Carbon Standard: VCS Program Guide, version 4.2.
- /29/ Verified Carbon Standard: VCS Sectoral Scopes
- /30/ Verified Carbon Standard: Registration and Issuance Process, version 4.3.
- /31/ UNFCCC EB: Approved methodology, ACM0002, Version 12.3.0 and Version 21.0

APPENDIX C: CORRECTIVE ACTION REQUESTS, CLARIFICATION REQUESTS AND FORWARD ACTION REQUESTS

Table 1: Corrective Action Requests

CAR ID	Corrective Action Request	Response by Project Proponent	Verification Team Assessment
01	Please list the monthly value of $EG_{net,m_s,y}$ in the MR.	The monthly value of $EG_{net,m_s,y}$ has been listed in the MR.	The monthly value of $EG_{net,m_s,y}$ have been listed in the MR, which have been verified by CTI through checking meter reading records and Electricity Sales and Purchase Receipts. Therefore, CAR 01 was closed.

Table 2: Clarification Requests

CL ID	Clarification Request	Response by Project Proponent	Verification Team Assessment
NA	NA	NA	NA

Table 3: Forward Action Requests

FAR ID	Forward Action Request	Response by Project Proponent	Verification Team Assessment
NA	NA	NA	NA