



VCS VERIFICATION REPORT

INNER MONGOLIA CHIFENG GAOFENG WIND POWER PROJECT

(VCS PROJECT ID: 813)



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Summary:

Shenzhen CTI International Certification Co., Ltd (CTI) has performed the verification of the emission reductions reported for the project activity “Inner Mongolia Chifeng Gaofeng Wind Power Project” (VCS Project ID:813) for the monitoring period 01/05/2012-31/12/2017 within the 1st VCS crediting period 11/12/2008-10/12/2018, 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 VCS Standard Version 4.2.

The verification was performed on the basis of VCS Standard Version 4.2 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 one CL, and no CAR or FAR is raised in this monitoring period.

In CTI's opinion, the GHG emission reductions reported for the project in the monitoring report (version 02 dated 27/05/2022) are fairly stated. The GHG emission reductions of the period from 01/05/2012-31/12/2017 within the 1st VCS crediting period were calculated correctly on the basis of approved methodology ACM0002 “Consolidated methodology for grid-connected electricity generation from renewable sources” (version 10), the monitoring plan contained in the registered VCS PD (version 02, dated 09/04/2012) for the 1st VCS crediting period 11/12/2008-10/12/2018.

CTI does not assume any responsibility towards the issuance and utilization of the VCU's hereby verified and certified. Request for issuance of VCU's 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 "Inner Mongolia Chifeng Gaofeng Wind Power Project" during this monitoring period from 01/05/2012-31/12/2017 amount to 740,545 tCO₂e.

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1 INTRODUCTION

Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd. has commissioned Shenzhen CTI International Certification Co., Ltd (CTI) to carry out the verification and certification of emission reductions reported for the “Inner Mongolia Chifeng Gaofeng Wind Power Project” (the Project) for the monitoring period 01/05/2012-31/12/2017. 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 “Inner Mongolia Chifeng Gaofeng Wind Power Project” for the period 01/05/2012-31/12/2017.

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 4.1)/37/
- VCS Standard (version 4.2)/36/ and other relevant requirements defined by Verra;
- The approved methodology ACM0002 (version 10)/40/ 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. As per the para 3.9.1 of the VCS Standard Version 4.2, the project size categorization belongs to 'Project' as the expected annual emission reductions is 150,915tCO₂e lower than 300,000 tCO₂e. Therefore, according to the requirement of para 4.1.8 (4) of VCS standard Version 4.2 "The threshold for materiality with respect to the aggregate of errors, omissions and misrepresentations relative to the total reported GHG emission reductions and/or removals shall be five percent for projects and one percent for large projects.", CTI applied a materiality threshold of 5% with respect to omission or misstatements concerning reported quantities of the project activity.

1.4 Summary Description of the Project

Sectoral Scope and Project Type

According to the VCS Program Guide (version 4.1)/37/ and Annex A of the Kyoto Protocol, the project is applicable under the following activity categories:

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

Project Background

The project is located at northwest of Songshan District, Chifeng City, Inner Mongolia Autonomous Region, P.R.China. The site location's approximate coordinates are north latitude 42°23'02" and east longitude 118°43'26" and its altitude is 1,601m. The project activity was registered as a CDM project with Ref.3439 on 25/10/2010 and the renewable crediting period was selected starting on 25/10/2010. The project has been registered as VCS project with Ref. VCS 813 under VCS Standard Version 3 with the crediting period start date 11/12/2008 when the commencement of operations activities started as confirmed by checking the Construction completion report /30/, operation logs/7/, VCS validation report /23/, the VCS monitoring report and verification report for the period of 11/12/2008-24/10/2010 /25//26/.

The amount of 242,778 tCO₂e VCU's have been issued for the monitoring period 11/12/2008-24/10/2010 within the 1st VCS crediting period. GHG emission reductions have been applied for CERs under CDM of which total 219,306 tCO₂e have been issued for the monitoring periods 25/10/2010-30/06/2011 and 01/07/2011-30/04/2012.

The installed capacity of the project is 50MW equipped with 25 sets of wind turbine generator in type of Vestas V80-2000kW of Denmark, with unit capacity of 2000kW, manufactured by Vestas Wind Systems A.S. The electricity generated by the project activity is supplied to the Northeast China Power Grid (hereafter referred to as "NEPG"), and the project is estimated to deliver 150,915 tCO₂e emission reductions annually.

2 VERIFICATION PROCESS

2.1 Method and Criteria

The verification was performed through means of the following three phases in accordance with the requirement of the registered VCS PD (version 02 dated 09/04/2012) and monitoring plan contained in the registered VCS PD, the applied methodology, and the VCS Standard (version 4.2) 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

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& Verifier	Feng Tian	1.2	☒ DR ☒ SV ☒ RP ☐ TR
Technical Reviewer	Lin Shunrong	1.2, 14.1, 15.1	☒ DR ☐ SV ☐ RP ☒ TR

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

In addition to the VER/VCU monitoring report/1/, the registered VCS PD /11/, emission reduction calculation spreadsheet/2/, the following documents also were assessed as a part of the verification audit:

- The VCS validation report /23/;
- The CDM registered PDD and corresponding validation report /24/;
- The previous VER/VCU monitoring report/25/ and verification report/26/, and previous CDM/CER monitoring reports /27/and verification reports/28/;

- Baseline and monitoring methodology ACM0002 (version 10) applied by the project/40/;
- Relevant decisions, clarifications and guidance from the Verra/36/-/39/; and
- Other information and references relevant to the project activity.

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 17/05/2022, CTI visited the project proponent Chifeng Xinsheng Wind Power Co., Ltd. to perform on-site assessment. The key personnel of the project were interviewed or assisted the verification team /40/. 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 /41/ are summarized in the table below:

Interviewed personnel	Role	Organization	Subject
Mr. Yang Jianmin	Plant Director	Chifeng Xinsheng Wind Power Co., Ltd.	Operation of the project activity; Implementation of the monitor plan of the project activity; Data collection and data achievement; Calibration of meters and equipment maintenance; The complaint by local stakeholders; The stakeholder consultation during the operation of the project activity. Project's sustainable development contributions
Mr. Liu Zhifeng	O&M Staff		
Mr. Huang Shifu	O&M Staff		
Mr. Zhang Xiaobo	Local resident	Local Village	The impact of the project activity; The complaint by local stakeholders; The stakeholder consultation during the operation of the project activity; Project's sustainable development contributions。
Mr. Yang Jianmin			
Mr. Guo Shouqiang	Staff	Local Environment Protection Bureau	
Mr. Luo Sen	Project Manager	Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd.	Data collection and ER calculation.

2.4 Site Inspections

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 registered VCS PD of the project activity;
- A review of information flows for generating, recording, aggregating and reporting the monitoring parameters; and
- Interviews with relevant personnel to determine whether the operational and data collection procedures are implemented in accordance with the monitoring plan;
- A cross-check between information provided in the monitoring report and data from other sources such as plant logbooks and the electricity receipts;
- A check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the registered 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.

In addition, all parameters required by the monitoring methodology ACM0002 (version 10), 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 1 CL and no CAR in this monitoring period. The CL was satisfactorily addressed by the project proponents in the updated monitoring report version 02 dated 27/05/2022 (refer to Appendix D for further details).

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/26/, and no FAR was raised during this verification.

2.6 Eligibility for Validation Activities

The project has been validated by Det Norske Veritas under the CDM rules and registered as CDM project on 25/10/2010, and was registered as VCS project under VCS standard version 3 through gap validation by Bureau Veritas Certification Holding SAS.

CTI was accredited in Sectoral Scope 1 on validation and verification and thus is eligible for verification activities on the project. By checking the UNFCCC website, the VCS pipeline and the previous verification reports/28/, it is confirmed the verification for this monitoring period 01/05/2012-31/12/2017 which is no more than consecutive 6 years is the first verification undertaken by CTI. Therefore, the verification undertaken by CTI is in line with the requirement for VVB stipulated in Section 4.1.20 of VCS standard version 4.2

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project has been registered as a CDM project on 25/10/2010 under the UNFCCC with Ref. 3439. The renewable CDM crediting period was selected starting on 25/10/2010. By checking the UNFCCC website: <https://cdm.unfccc.int/Projects/DB/DNV-CUK1266838855.4/view>, it is confirmed that total 219,306tCO₂e of CERs have been issued for the monitoring periods 25/10/2010-30/06/2011 and 01/07/2011-30/04/2012.

3.2 Methodology Deviations

The validation process /16/ has assessed all factors and issues that constitute the basis for emission reductions from the project according to the applicable CDM methodology ACM0002 (version 10) /40/. There was not any methodology deviation applied to this project. Details refer to section 4.1.

3.3 Project Description Deviations

By checking the previous CDM verification reports with the monitoring period 25/10/2010 to 30/04/2012, the Construction completion report /30/, operation logs/7/ and through the site visit

interview with project owner, it is confirmed that the project started commissioning on 11/12/2008 which is the project start date according to the requirement of VCS. A deviation was identified for the crediting period of the Project. The project is registered as VCS project under VCS version 3 and completed validation before 19/03/2020. As per VCS requirement, it remains eligible to apply the crediting period requirements under VCS 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 under VCS is updated from 11/12/2008-24/10/2010 to 11/12/2008-10/12/2018, which lasts for 10 years. As per VCS requirement, the project did not conduct the validation of crediting period renewal within the two years after the end of the first VCS crediting period. Thus, the crediting period of the project ends on 10/12/2018.

CTI confirms that the project remains in compliance with VCS Program rules and this deviation has 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 and no any other project description deviations occurred. Details refer to section 4.1.

3.4 Grouped Project

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

4 VERIFICATION FINDINGS

This section summarizes the findings from the verification of the emission reductions reported for the “Inner Mongolia Chifeng Gaofeng Wind Power Project” for the monitoring period 01/05/2012-31/12/2017.

4.1 Project Implementation Status

Project Implementation in accordance with the registered project design document

The project is a wind power grid-connected plant and locates at northwest of Songshan District, Chifeng City, Inner Mongolia Autonomous Region, P.R.China. The geographical coordinates are verified by GPS system as north latitude 42°23'02" and east longitude 118°43'26". The total installed capacity is 50MW equipped with 25 sets of wind turbine generator in type of Vestas V80-2000kW of Denmark, with unit capacity of 2000kW. It was confirmed by checking the Construction completion report /30/, the operation logs/7/, the previous VCS/CDM monitoring reports and verification reports /25/-/28/ the first turbine was put into operation on 11/12/2008, and the project was put into full commercial operation on 24/12/2008. The actual implementation of the project during this verification period was verified in terms of nameplates of wind turbines /29/ and the equipment purchase contract /31/. The details of the turbines with respect to their installation and capacity have been verified to be consistent with description indicated in the registered VCS PD.

The electricity generated by the project activity is supplied to the NEPG, which can be confirmed by the Power purchase agreement (PPA) signed between Chifeng Xinsheng Wind Power Co., Ltd. and East Inner Mongolia Electric Power Company/3/. All the monitoring system in operation period is consistent with the description in the monitoring plan. The control system at the power plant is automated and assures continuous operation, including monitoring on malfunction of equipment. By checking the daily operation and maintenance records/7/ and via on-site visit, CTI can confirm that no serious malfunction happened and the plant was under a normal operation as expected in this monitoring period.

On-site training for the related procedures including, recording and reporting was verified to be in place/6/ and their implementation was confirmed by interview with the key operators/41/ and observing the operation.

CTI confirms that the project implementation is in accordance with the project description contained in registered VCS PD. Furthermore, through visual inspection and document review, it is confirmed that all physical features of the project activity including data collection systems and storage systems have been implemented in accordance with the monitoring plan.

CL 01 was raised to clarify the full operation date of the project and is successfully closed, details refer to Appendix D.

Compliance of monitoring plan with monitoring methodology

CTI is able to confirm that the monitoring plan contained in the registered VCS PD is in accordance with the approved methodology applied by the project activity, i.e. ACM0002 (version 10).

Compliance of monitoring with the monitoring plan

CTI confirms that all the other parameters stated in the monitoring plan are monitored and reported appropriately. Parameters required to be monitored by the monitoring plan as per the monitoring methodology ACM0002 (version 10) 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, recording, aggregation, calculation and reporting) for these parameters is provided. The information flow for each parameter is further verified in the following sections.

Parameters fixed ex ante

“Data and parameters fixed ex ante” in the MR are checked against the registered VCS PD. The parameter $EF_{grid,CM,y}$ is the combined margin CO₂ emission factor of the power grid in year y, which was determined ex-ante at the validation stage and has been fixed during the first crediting period. CTI verified and confirms that the emission factor used in the monitoring report is in compliance with the registered VCS PD.

Parameters monitored

CTI conducted document review and performed on-site assessment with project stakeholders to:

- A review of information flows for generating, aggregating and reporting the monitoring parameters;

- Determine whether the operational and data collection procedures are implemented in accordance with the registered monitoring plan;
- A cross-check between information provided in the monitoring report and data from other sources such as plant logbooks and sales receipts;
- 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.

According to the monitoring plan, the parameters to be monitored are as below:

EG_y Net electricity supplied by the project activity to the grid during the year y

Monitored parameter EG_y

EG_y is the net electricity supplied by the project activity to the grid during the year y and is calculated as the electricity exported to the grid minus electricity imported from the grid.

By site inspection and checking the monitoring plan contained in the registered VCS PD and previous verification reports, CTI confirmed electricity exported to and imported from the grid are continuously measured by main meter M2 and backup meter M1. The meter M2 has been installed at the high-voltage side of Sunjiaying 35kV-to-220kV switch station and with an accuracy level of 0.2S. The meter M1 has been installed at the low-voltage side of Sunjiaying 35kV-to-220kV switch station and with an accuracy level of 0.5S.

The verification team had on-site checked the location of the meters against the diagram of power connection system /4/ and found them to be consistent and installed in accordance with the monitoring plan. All the monitoring facilities and system have been verified by CTI during on-site visit.

By checking operation log /7/ and via on-site visit, it is confirmed that all meters were working well during this monitoring period. Via the on-site interview and by checking the daily operation and maintenance records/7/, monthly reading records and electricity sales and purchase receipts/9/ issued by grid company, it is confirmed by the verification team that the electricity exports and imports are continuously measured by M1 and M2. PP and grid company read the readings of electricity exports and imports from M2 at 24:00 on the last day of each month and documented in the monthly reading records. After confirmed by both sides the electricity sales and purchase receipts/9/ were issued by the grid company and have been used for cross-checking the records of electricity exports and imports.

As described above, the meters have been installed in accordance with VCS Program rules and meet all appropriate rules and requirements of VCS standard. CTI has on-site checked the location of the meters against the diagram of power connection system and found them to be consistent.

Data in the monthly reading records were used to the report, through a cross check with sales and purchase receipts. The conservative values were used for the monitoring report and ERs calculation spreadsheet, which has been verified by the verification team. Supporting references and data

required to determine the quantity of net electricity generation supplied by the project is found to be complete and transparent.

Monitoring equipment and calibration

The documents review was carried out. Particular attention was paid to the frequency of measurements, the quality of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the registered VCS PD and the methodology ACM0002(version 10) and corresponding tool(s), and the quality assurance and quality control procedures.

All monitoring meters have been calibrated annually as per the monitoring plan covering this monitoring period. The relevant information of the calibration is listed as below:

Item	M1 (Backup meter)	M2 (Main meter)
Type	DSSD331	ZMD402CT44.0457
Accuracy	0.5S	0.2S
Serial No.	20070767010229	94348631
Calibration frequency	Annually	
Calibration date	25/07/2011 22/07/2012 20/07/2013 16/07/2014 12/07/2015 10/07/2016 07/07/2017	
Calibration validity	24/07/2012 21/07/2013 19/07/2014 15/07/2015 11/07/2016 09/07/2017 06/07/2018	
Calibration entity	Northeast Electric Power Research Institute Co., Ltd.	

Calibration records and accreditation certificates/12//13/have been verified by the verification team. The actual accuracy verified to be 0.5S for M1 and 0.2S for M2 which is higher than the requirement in the monitoring plan (accuracy degree is not less than 0.5) contained in the registered VCS PD and in compliance with the Technical administrative code of electric energy metering /15/. The calibration frequency of meters is annual, which is consistent with the monitoring plan. Based on the site visit and by checking the calibration reports, CTI confirms that:

- All meters have been installed in accordance with the monitoring plan;

- The meters' accuracy is in line with the requirement of the monitoring plan;
- The calibration frequency of the meters is annual, which is in line with the monitoring plan. And the calibrations are verified to be valid for the whole reporting period.

Data management and control

Chifeng Xinsheng Wind Power Co., Ltd. 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 project management and monitoring manual/5/, including the organization structure with the responsibilities, personnel competencies, monitoring procedures and monitoring management. By interview with the staff/41/ and check records /7//8/ 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.

As the above and document review, verification team considers that the project activity operated properly in the way complying with the implementation plan and monitoring plan contained in the VCS PD and the monitoring was performed in a transparent and comprehensive manner during this monitoring period.

By checking the UNFCCC website: <https://cdm.unfccc.int/Projects/DB/DNV-CUK1266838855.4/view>, it is confirmed that emission reductions within the monitoring periods 25/10/2010-30/06/2011 and 01/07/2011-30/04/2012 have been issued as CERs and no other issuance request was submitted under CDM.

Therefore, it is concluded no double counting issuance has occurred for this verified monitoring period 01/05/2012-31/12/2017 under both VCS and CDM programmes. Via the on-site interview, and checking the Statement on no double counting made by PP /32/ it is confirmed that the emission reductions for this verified period are only requested for VCUs issuance.

The verification team has also checked other GHGs programs and forms of credit such as exchange platform of Chinese Certified Emission Reduction(CCER) projects, Gold Standard, EU ETS, IREC, China ETS and based on the interview with the project proponent, during this monitoring period, it is confirmed that except CDM and VCS scheme:

- No evidence showing that the project has participated or been rejected under any other GHG programs since validation or previous verification.

- There is no observation that the project has received or sought any other emission trading program and form of environmental credit, or has become eligible to do so since validation or previous verification.

The project is completely voluntary CDM and VCS project, not included in an emissions trading program or any other mechanism that includes GHG allowance trading. Although the national emission trading scheme has been launched since 16/07/2021, it only covers the high-emission and energy intensive industries that emit at least 26,000 tonnes of CO₂e/year as per the regulation/19/ including thermal power generation, petrochemical, chemical, building materials, iron and steel, etc. By checking the business license/14/of the project proponent, it is confirmed that the PP is qualified in business scope of renewable energy investment, thus is not included the mandatory emission control scheme and there is no emission cap enforced for the PP by further checking the compulsive company list under China ETS in public information/20/. Moreover, it is confirmed by CTI the project is not registered as a CCER project in China, the emission reductions generated by the project activity are not eligible for transaction under China ETS as per the regulation/19/. Hence, it is confirmed that the emission reductions will not be double counted.

Via the on-site inspection, and through the interviews with the project proponent, local villagers and official from local environment bureau, and by checking the evidences provided by the project proponent, the verification team agrees on the following points regarding to the promotion of sustainability development by the project activity:

- *SDG 7, Indicator 7.2.1 Renewable energy share in the total final energy consumption*

The project provides clean and renewable energy through making use of wind power, displacing fossil fuel power in the grid NEPG. During this monitoring period, 646,259.410 MWh of net electricity generated by wind energy was delivered to the NEPG. It is verified by checking the daily and monthly reading records/8/ and via on-site inspection. This contributes to increasing the share of clean energy consumption of China's "Action Plan for Carbon Dioxide Peaking Before 2030". /34/

- *SDG 8, Indicator Numbers of decent work opportunities provided which have income higher than local average level*

It is verified by interviewing with project proponent, staff and local villagers and checking the Statement on the annual income of employees from 2012 to 2017 /21/ and Per capita disposable income of residents in Inner Mongolia Autonomous Region in 2012 and 2017 /22/, that the project activity provides 20 long-term job opportunities for local residents including 11 female employees and provides higher salary from 108,633.41 RMB/year in 2012 to 160,221.70 RMB/year in 2017 above the local average level of 23,150 RMB/year in 2012 and 26,212RMB/year in 2017. Hence, the contribution to this SDG has been confirmed and the provisions for monitoring and reporting this goal is verified as reasonable. This also contributes to one of the China's actions for promoting sustainable developing, "Increase labor force participation rate through implementation of the classification policy. Vigorously enforce the Law on Promotion of Employment" /33/

- *SDG 13, Indicator Tonnes of greenhouse gas emissions avoided or removed*

As verified by on-site inspection, and via checking the emission reduction calculation sheet/2/ and the monthly reading records/8/, 740,545 tCO₂e GHG emission reductions are generated by the

project activity during this monitoring period. This contributes achieve one of China's stated sustainable development priorities "Actively adapt to climate change and strengthen resistance capacity to climate risks in agriculture, forestry, water resources and other key fields, as well as cities, coastal regions and ecologically vulnerable areas". /35/

Meanwhile, by checking the approved VCS and CDM monitoring reports for previous monitoring periods, it is confirmed that the project contributions with all impacts were not included in previously approved VCS monitoring report or reported in Sustainable Development Contribution Reports, thus, all impacts during the previous monitoring periods has not been calculated in the cumulative impact. Therefore, the cumulative contributions over the project lifetime are considered as the same as the current project contributions.

In conclusion, Verification Team was able to confirm that the project implementation is in accordance with the project description contained in the registered VCS PD. All required equipments and procedures are available and implemented in an appropriate manner. All necessary monitoring instruments are installed and operated. The project is completely operational and the same has been confirmed on-site. Neither mistakes nor malfunction on main meters have been observed during this monitoring period.

4.2 Safeguards

4.2.1 No Net Harm

Via on-site inspection and checking the EIA summary and conclusion provided in the approved VCS PD, it is confirmed that the impact caused by the project activity on the surrounding ecosystem and residents, wastewater, noise, solid waste and atmosphere etc. is very little, there would be no net harm caused due to the project activity. Appropriate mitigation measures have been undertaken by the project proponent to avoid the potential impacts during the construction and operation. The EIA of the project are approved by the government.

Also, no potential environment or social economic matter was found during the site visit. It is verified by interviewing with project proponent, staff and local villagers and checking the Statement on the annual income of employees from 2012 to 2017 /21/ and Per capita disposable income of residents in Inner Mongolia Autonomous Region in 2012 and 2017/22/, that the project has contributed to the local employment and improved income levels by providing job opportunities and offering permanent employees wages well above local average income levels. As stated by the plant staff during the on-site interviews, they have gained knowledge and skills in the regular training organized by the project proponent, so it can be judged that the project has, to some extent, improved the marketability of the employees as well as the possibility of lifelong learning for them.

In conclusion, the implementation of the project activity does not cause any significant negative environmental or socio-economic impacts and is beneficial to the local socio-economic environment.

4.2.2 Local Stakeholder Consultation

The local stakeholder's meeting was held in Wengniute County in 08/2007. 8 participants attended the meeting including representatives from the local government and local residents. The project owner introduced the proposed project and the opinions expressed by the stakeholders were recorded and are available on request.

In addition, the project owner carried out a questionnaire survey on the local villagers and residents from July-2007 to August-2007. Total 22 questionnaires were given out and all of them were returned successfully.

The stakeholder meeting and the questionnaire survey showed that the proposed project receives strong support from the local community. They all believe the proposed project will promote local economic development and agree with the project development and construction.

For continuous communication with local stakeholders, the project owner has informed the local authority, the neighbourhood committee, and local residents of any key implementation schedules and changes of the project. The project owner also carried out questionnaire survey every two years to collect the relevant comments and suggestions, i.e. in May 2012, June 2014 and April 2016 during this monitoring period and no negative comment was received by checking the filled questionnaires through on-site visit. 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, local authority has conducted spot checks on the implementation of the project periodically as per the request from the local governments' regulations, no negative comments and issues from the local stakeholders during this monitoring period were identified and the project passed all the periodic spot checks by local government.

All such conclusion has been verified through site visit and checking VCS PD.

4.3 AFOLU-Specific Safeguards

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

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

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:

$$ER_y = BE_y - PE_y - LE_y$$

Baseline emissions

Baseline emissions are determined as multiplying quantity of net electricity supplied by the project activity to the grid (EG_y) by the validated ex-ante fixed grid emission factor ($EF_{grid,CM,y}$).

$$BE_y = EG_y \times EF_{grid,CM,y}$$

Grid emission factor ($EF_{grid,CM,y}$)

$EF_{grid,CM,y}$ is the grid emission factor of the which has been verified ex-ante in the validation stage in the VCS PD as 1.1459 tCO₂e/MWh.

The net electricity supplied by the project activity to the grid during the year y (EG_y)

As per the Section 4.1 above, EG_y is determined the differences between electricity exported to and imported from the grid

The verification team has checked the monthly reading records, sales and purchase receipts issued by the grid company and emission reduction calculation sheet, and confirmed the data and calculation applied are correct, complete and transparent. The reading records and EG_y calculation are summarized in the Table 1 as follow:

Table 1 The net electricity supplied by the project activity to the grid (EG_y)

Period		Electricity exported to the grid by the project (MWh)			Electricity imported from the grid by the project (MWh)			EG _y (MWh)
		Monthly recording data from M2	Values from sales receipts	Conservative values	Monthly recording data from M2	Values from purchase receipts	Conservative values	
		A	B	C=min(A,B,)	D	E	F=max(D,F)	
01/05/2012	31/05/2012	10,660.000	10,660.000	10,660.000	15.465	15.465	15.465	10,644.535
01/06/2012	30/06/2012	7,700.000	7,700.000	7,700.000	35.996	35.996	35.996	7,664.004
01/07/2012	31/07/2012	5,250.000	5,250.000	5,250.000	53.328	53.328	53.328	5,196.672
01/08/2012	31/08/2012	3,790.000	3,790.000	3,790.000	40.263	40.263	40.263	3,749.737
01/09/2012	30/09/2012	4,910.000	4,910.000	4,910.000	49.995	49.995	49.995	4,860.005
01/10/2012	31/10/2012	12,680.000	12,680.000	12,680.000	47.196	47.196	47.196	12,632.804
01/11/2012	30/11/2012	6,740.000	6,740.000	6,740.000	59.594	59.594	59.594	6,680.406
01/12/2012	31/12/2012	13,820.000	13,820.000	13,820.000	28.131	28.131	28.131	13,791.869
Subtotal 2012		65,550.000	65,550.000	65,550.000	329.967	329.968	329.968	65,220.032
01/01/2013	31/01/2013	13,290.000	13,290.000	13,290.000	21.198	21.198	21.198	13,268.802
01/02/2013	28/02/2013	13,840.000	13,840.000	13,840.000	35.996	35.996	35.996	13,804.004
01/03/2013	31/03/2013	9,020.000	9,020.000	9,020.000	15.396	15.396	15.396	9,004.604
01/04/2013	30/04/2013	11,280.000	11,280.000	11,280.000	11.866	11.866	11.866	11,268.134
01/05/2013	31/05/2013	8,890.000	8,890.000	8,890.000	20.532	20.532	20.532	8,869.468
01/06/2013	30/06/2013	6,190.000	6,190.000	6,190.000	24.531	24.531	24.531	6,165.469
01/07/2013	31/07/2013	6,330.000	6,330.000	6,330.000	11.999	11.999	11.999	6,318.001

01/08/2013	31/08/2013	8,360.000	8,360.000	8,360.000	20.531	20.531	20.531	8,339.469
01/09/2013	30/09/2013	8,390.000	8,390.000	8,390.000	12.666	12.666	12.666	8,377.334
01/10/2013	31/10/2013	11,490.000	11,490.000	11,490.000	9.599	9.599	9.599	11,480.401
01/11/2013	30/11/2013	16,340.000	16,340.000	16,340.000	20.665	20.665	20.665	16,319.335
01/12/2013	31/12/2013	17,550.000	17,550.000	17,550.000	16.798	16.798	16.798	17,533.202
Subtotal 2013		130,970.000	130,970.000	130,970.000	221.776	221.777	221.777	130,748.223
01/01/2014	31/01/2014	18,920.000	18,920.000	18,920.000	25.064	25.064	25.064	18,894.936
01/02/2014	28/02/2014	6,610.000	6,610.000	6,610.000	30.930	30.930	30.930	6,579.070
01/03/2014	31/03/2014	11,850.000	11,850.000	11,850.000	22.665	22.665	22.665	11,827.335
01/04/2014	30/04/2014	9,440.000	9,440.000	9,440.000	26.264	26.264	26.264	9,413.736
01/05/2014	31/05/2014	14,540.000	14,540.000	14,540.000	24.398	24.398	24.398	14,515.602
01/06/2014	30/06/2014	4,080.000	4,080.000	4,080.000	29.330	29.330	29.330	4,050.670
01/07/2014	31/07/2014	7,330.000	7,330.000	7,330.000	58.661	58.661	58.661	7,271.339
01/08/2014	31/08/2014	2,780.000	2,780.000	2,780.000	37.330	37.330	37.330	2,742.670
01/09/2014	30/09/2014	6,022.000	6,022.000	6,022.000	26.931	26.931	26.931	5,995.069
01/10/2014	31/10/2014	9,778.000	9,778.000	9,778.000	41.329	41.329	41.329	9,736.671
01/11/2014	30/11/2014	16,135.000	16,135.000	16,135.000	29.064	29.064	29.064	16,105.936
01/12/2014	31/12/2014	22,379.000	22,379.000	22,379.000	45.329	45.329	45.329	22,333.671
Subtotal 2014		129,864.000	129,864.000	129,864.000	397.293	397.295	397.295	129,466.705
01/01/2015	31/01/2015	15,192.000	15,192.000	15,192.000	31.997	31.997	31.997	15,160.003
01/02/2015	28/02/2015	12,440.000	12,440.000	12,440.000	47.995	47.995	47.995	12,392.005
01/03/2015	31/03/2015	16,296.000	16,296.000	16,296.000	39.996	39.996	39.996	16,256.004

01/04/2015	30/04/2015	11,627.000	11,627.000	11,627.000	21.331	21.331	21.331	11,605.669
01/05/2015	31/05/2015	11,879.000	11,879.000	11,879.000	18.665	18.665	18.665	11,860.335
01/06/2015	30/06/2015	6,190.000	6,190.000	6,190.000	37.329	37.329	37.329	6,152.671
01/07/2015	31/07/2015	2,865.000	2,865.000	2,865.000	50.662	50.662	50.662	2,814.338
01/08/2015	31/08/2015	4,192.000	4,192.000	4,192.000	45.329	45.329	45.329	4,146.671
01/09/2015	30/09/2015	5,236.000	5,236.000	5,236.000	34.663	34.663	34.663	5,201.337
01/10/2015	31/10/2015	11,873.000	11,873.000	11,873.000	21.331	21.331	21.331	11,851.669
01/11/2015	30/11/2015	6,890.000	6,890.000	6,890.000	34.663	34.663	34.663	6,855.337
01/12/2015	31/12/2015	8,956.000	8,956.000	8,956.000	37.330	37.330	37.330	8,918.670
Subtotal 2015		113,636.000	113,636.000	113,636.000	421.291	421.291	421.291	113,214.709
01/01/2016	31/01/2016	3,673.000	3,673.000	3,673.000	50.662	50.662	50.662	3,622.338
01/02/2016	29/02/2016	7,090.000	7,090.000	7,090.000	55.995	55.995	55.995	7,034.005
01/03/2016	31/03/2016	6,696.000	6,696.000	6,696.000	34.663	34.663	34.663	6,661.337
01/04/2016	30/04/2016	893.000	893.000	893.000	71.993	71.993	71.993	821.007
01/05/2016	31/05/2016	14,227.000	14,227.000	14,227.000	38.663	38.663	38.663	14,188.337
01/06/2016	30/06/2016	5,371.000	5,371.000	5,371.000	26.664	26.664	26.664	5,344.336
01/07/2016	31/07/2016	2,816.000	2,816.000	2,816.000	45.329	45.329	45.329	2,770.671
01/08/2016	31/08/2015	3,811.000	3,811.000	3,811.000	58.661	58.661	58.661	3,752.339
01/09/2016	30/09/2016	4,849.000	4,849.000	4,849.000	34.663	34.663	34.663	4,814.337
01/10/2016	31/10/2016	10,231.000	10,231.000	10,231.000	33.863	33.863	33.863	10,197.137
01/11/2016	30/11/2016	15,646.000	15,646.000	15,646.000	51.462	51.462	51.462	15,594.538
01/12/2016	31/12/2016	13,788.000	13,788.000	13,788.000	31.997	31.997	31.997	13,756.003

Subtotal 2016		89,091.000	89,091.000	89,091.000	534.614	534.615	534.615	88,556.385
01/01/2017	31/01/2017	12,611.000	12,611.000	12,611.000	33.330	33.330	33.330	12,577.670
01/02/2017	28/02/2017	12,244.000	12,244.000	12,244.000	42.662	42.662	42.662	12,201.338
01/03/2017	31/03/2017	9,582.000	9,582.000	9,582.000	43.166	43.166	43.166	9,538.834
01/04/2017	30/04/2017	12,671.000	12,671.000	12,671.000	43.210	43.210	43.210	12,627.790
01/05/2017	31/05/2017	10,905.000	10,905.000	10,905.000	46.915	46.915	46.915	10,858.085
01/06/2017	30/06/2017	3,991.000	3,991.000	3,991.000	51.768	51.768	51.768	3,939.232
01/07/2017	31/07/2017	3,580.000	3,580.000	3,580.000	46.887	46.887	46.887	3,533.113
01/08/2017	31/08/2017	5,196.000	5,196.000	5,196.000	51.979	51.979	51.979	5,144.021
01/09/2017	30/09/2017	8,502.000	8,502.000	8,502.000	44.628	44.628	44.628	8,457.372
01/10/2017	31/10/2017	7,680.000	7,680.000	7,680.000	50.484	50.484	50.484	7,629.516
01/11/2017	30/11/2017	16,927.000	16,927.000	16,927.000	44.052	44.052	44.052	16,882.948
01/12/2017	31/12/2017	15,707.000	15,707.000	15,707.000	43.563	43.563	43.563	15,663.437
Subtotal 2017		119,596.000	119,596.000	119,596.000	542.644	542.644	542.644	119,053.356
Total		648,707.000	648,707.000	648,707.000	2,447.584	2,447.590	2,447.590	646,259.410

*Note:

As the cut-off time for electricity exports and imports is at 24:00 on the last day of each month, monthly readings of electricity exports and imports are cross-checked with the sales and purchase receipts issued by grid company, the most conservative values are applied for calculation of EG_y.

The corresponding baseline emissions during this monitoring period is calculated as:

Year	EG _y (MWh)	EF _{grid,CM,y} (tCO ₂ /MWh)	BE _y (tCO ₂)
2012 (01/05/2012-31/12/2012)	65,220.032	1.1459	74,735
2013	130,748.223	1.1459	149,824
2014	129,466.705	1.1459	148,355
2015	113,214.709	1.1459	129,732
2016	88,556.385	1.1459	101,476
2017	119,053.356	1.1459	136,423
Total	646,259.410	-	740,545

Project emissions

As statement in the registered VCS PD, for the wind power activities, the project emissions from the project is zero. Hence, PE_y during the monitoring period from Inner Mongolia Chifeng Gaofeng Wind Power Project is zero.

Leakages

Leakage does not need to be accounted for this project as per the monitoring methodology ACM0002 (version 10).

Emission reductions

The emission reductions for this monitoring period were calculated as:

Monitoring period	GHG emission reductions or removals (tCO ₂ e)
01/05/2012 – 31/12/2012	74,735
01/01/2013 – 31/12/2013	149,824
01/01/2014 – 31/12/2014	148,355
01/01/2015 – 31/12/2015	129,732
01/01/2016 – 31/12/2016	101,476
01/01/2017 – 31/12/2017	136,423
Total ERs claimed (in 2,071 days)	740,545

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

The emission reductions claimed are 740,545 tCO₂e in this monitoring period (i.e. 2,071 days). Compared with expected emission reductions 856,288 tCO₂e (calculated as 150,915/365d*2,071d), the reported emission reductions in this monitoring period which are 13.52% lower than that expected in the registered VCS PD. Considering the natural fluctuate of the wind resource, actual generator operation conditions, CTI is able to confirm that the actual power supply and also emission reductions reported in this monitoring period are reasonable and appropriate.

CTI verified the input data for calculating emission reductions and the calculating process, and confirmed the result were complete and transparent. Therefore, CTI is able to confirm that the actual power supply and also emission reductions reported in this monitoring period are reasonable and appropriate.

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 “Inner Mongolia Chifeng Gaofeng Wind Power Project” in China (VCS Project ID: 813) for the period 01/05/2012-31/12/2017.

The verification is based on the baseline and monitoring methodology ACM0002 (version 10), the VCS PD. 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 4.2 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 the registered VCS PD ;
- the monitoring plan is as per the applied methodology;
- the monitoring complies with the monitoring plan;
- the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable VCS Standard Version 4.2 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 "Inner Mongolia Chifeng Gaofeng Wind Power Project" for the period 01/05/2012-31/12/2017 are fairly stated in the monitoring report (version 02 dated 27/05/2022). The GHG emission reductions were calculated correctly on the basis of the approved methodology ACM0002 (version 10) and the monitoring plan contained in the registered VCS PD.

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:

Reporting period: 01/05/2012-31/12/2017

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

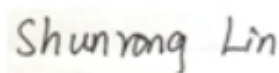
Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2012 (01/05/2012-31/12/2012)	74,735	0	0	74,735
2013	149,824	0	0	149,824
2014	148,355	0	0	148,355
2015	129,732	0	0	129,732
2016	101,476	0	0	101,476
2017	136,423	0	0	136,423
Total	740,545	0	0	740,545



Mr. Feng Tian

Team Leader

08-June-2022



Ms. Lin Shunrong

Technical Reviewer

08-June-2022

APPENDIX A: ABBREVIATIONS

CAR	Corrective Action Request
CCER	Chinese Certified Emission Reduction
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
EIA	Environmental Impact Assessment
ER	Emission Reduction
ETN	Electricity Transaction Note
EU ETS	EU Emissions Trading Scheme
FAR	Forward Action Request
FSR	Feasibility Study Report
GHG	Greenhouse Gas(es)
IREC	International Renewable Energy Certificates
MR	Monitoring Report
NEPG	Northeast China Power Grid
PD	Project Description
PP	Project Proponent
SN	Serial Number
VCS	Verified Carbon Standard
VCU	Verified Carbon Unit

APPENDIX B: REFERENCES

Documentation used to verify the information provided by the project proponents

/1/	Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd.: VER/VCU Monitoring Report for Inner Mongolia Chifeng Gaofeng Wind Power Project, version 01 dated 13/05/2022, version 02 dated 27/05/2022
/2/	Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd.: Emission reduction calculation spreadsheet for Inner Mongolia Chifeng Gaofeng Wind Power Project, version 1.0 dated 13/05/2022
/3/	Chifeng Xinsheng Wind Power Co., Ltd. and East Inner Mongolia Electric Power Company: Power Purchase Agreement for Inner Mongolia Chifeng Gaofeng Wind Power Project
/4/	Chifeng Xinsheng Wind Power Co., Ltd.: Diagram of power connection system
/5/	Chifeng Xinsheng Wind Power Co., Ltd.: VER monitoring manual and management procedure.
/6/	Chifeng Xinsheng Wind Power Co., Ltd.: Records of training for on-site staff.
/7/	Chifeng Xinsheng Wind Power Co., Ltd.: Daily operation and maintenance records.
/8/	Chifeng Xinsheng Wind Power Co., Ltd.: Monthly reading records of Inner Mongolia Chifeng Gaofeng Wind Power Project from 01/05/2012-31/12/2017
/9/	East Inner Mongolia Electric Power Company.: Electricity Sales and Purchase Receipts from 01/05/2012-31/12/2017
/10/	Questionnaires filled by local stakeholders
/11/	Chifeng Xinsheng Wind Power Co., Ltd.: Registered VSC PD (version 02 dated 09/04/2012)
/12/	China National Accreditation Service for Conformity Assessment: Accreditation certificates of Northeast Electric Power Research Institute Co., Ltd., issued on 15/01/2012 and valid to 14/01/2017, 15/01/2017 and valid to 14/01/2022
/13/	Northeast Electric Power Research Institute Co., Ltd.: Calibration certificates for meters M1 and M2 covering this monitoring period
/14/	Business license of Chifeng Xinsheng Wind Power Co., Ltd.
/15/	State Economic and Trade Commission: Technical administrative code of electric energy metering (DL/T 448-2016)

/16/	UNFCCC, http://cdm.unfccc.int
/17/	Gold Standard, http://www.goldstandard.org/
/18/	China CCER Exchange Info-platform, http://cdm.ccchina.org.cn/ccer.aspx
/19/	Measures for the Administration of Carbon Emission Trading, issued by Ministry of Ecology and Environment of China, dated 31/12/2020
/20/	Enforced company list in China cap & trade scheme, issued by Ministry of Ecology and Environment of China
/21/	Chifeng Xinsheng Wind Power Co., Ltd.: Statement on the annual income of employees from 2012 to 2017
/22/	Per capita disposable income of residents in Inner Mongolia Autonomous Region in 2012 and 2017 http://tj.nmg.gov.cn/
/23/	Bureau Veritas Certification Holding SAS: VCS Validation Report
/24/	CDM-PDD, version 5.0 dated 19/09/2010 Det Norske Veritas: CDM Validation Report, version 03, dated 09/02/2010
/25/	VER/VCU Monitoring Report for Inner Mongolia Chifeng Gaofeng Wind Power Project of previous monitoring period 11/12/2008-24/10/2010
/26/	Bureau Veritas Certification Holding SAS: VCS Verification Report for Inner Mongolia Chifeng Gaofeng Wind Power Project of previous monitoring period 11/12/2008-24/10/2010
/27/	CDM/CER Monitoring Reports for Inner Mongolia Chifeng Gaofeng Wind Power Project of previous CDM monitoring periods 25/10/2010-30/06/2011 and 01/07/2011-30/04/2012
/28/	CDM Verification Reports for Inner Mongolia Chifeng Gaofeng Wind Power Project of previous monitoring period 25/10/2010-30/06/2011 and 01/07/2011-30/04/2012
/29/	Vestas Wind Systems A.S.: Nameplates of the equipment
/30/	Chifeng Xinsheng Wind Power Co., Ltd.: Construction completion report
/31/	Co-signed by the Vestas Wind Systems A.S., and Chifeng Xinsheng Wind Power Co., Ltd.: Wind Turbines Purchase Agreement
/32/	Chifeng Xinsheng Wind Power Co., Ltd.: Statement on no double counting

/33/	Law of the People's Republic of China on Promotion of Employment Order of the President of the People's Republic of China
/34/	Action Plan for Carbon Dioxide Peaking Before 2030 published by the State Council on 24/10/2021
/35/	Responding to Climate Change: China's Policies and Actions released by the State Council on 10/2021

Methodologies, tools and other guidance

/36/	Verified Carbon Standard: VCS Standard, version 4.2
/37/	Verified Carbon Standard: VCS Program Guide, version 4.1
/38/	Verified Carbon Standard: VCS Sectoral Scopes http://v-c-s.org/node/448
/39/	Verified Carbon Standard: Registration and Issuance Process, version 4.1
/40/	UNFCCC EB: Approved methodology, ACM0002 , version 10

Persons interviewed

/41/	Mr. Yang Jianmin, Plant Director, Chifeng Xinsheng Wind Power Co., Ltd. Mr. Liu Zhifeng, O&M Staff, Chifeng Xinsheng Wind Power Co., Ltd. Mr. Huang Shifu, O&M Staff, Chifeng Xinsheng Wind Power Co., Ltd. Mr. Zhang Xiaobo, local resident, Local Village Mr. Yang Jianmin, local resident, Local Village Mr. Guo Shouqiang, Staff, Local Environment Protection Bureau Mr. Luo Sen, Project Manager, Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd.
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APPENDIX C: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS

Mr. Tian FENG

Satisfies the requirements of competence management system of CTI Certification, and is hereby appointed as:

Qualification					
GHG Auditor	Validator	Verifier	Team Leader	Technical Reviewer	Technical Expert
√	-	√	√	-	-

Scope	Technical Area
SS 1: Energy industries (renewable/non-renewable sources)	TA 1.2: Energy generation from renewable energy sources

This appointment is valid for 3 years from its date of approval below and is bound by internal requirements of management system of the Certification Body of CTI.

Approved by:

Wu LIN

Wu Lin

Technical Competent Manager

Shenzhen, 10/02/2022

Ms. Shunrong LIN

Satisfies the requirements of competence management system of CTI Certification, and is hereby appointed as:

Qualification						
Status	GHG Auditor	Validator	Verifier	Team Leader	Technical Reviewer	Technical Expert
Date	√	√	√	√	√	√

Scope	Technical Area
SS 1: Energy industries (renewable/non-renewable sources)	TA 1.2: Energy generation from renewable energy sources
SS 14: Afforestation and reforestation	TA 14.1: Afforestation and reforestation
SS 15: Agriculture	TA 15.1: Agriculture

This appointment is valid for 3 years from its date of approval below and is bound by internal requirements of management system of the Certification Body of CTI.

Approved by:

Wu Lin

Wu LIN

Technical Competent Manager

Shenzhen, 01/01/2021

APPENDIX D: 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
NA	NA	NA	NA

Table 2: Clarification Requests

CL ID	Clarification Request	Response by Project Proponent	Verification Team Assessment
CL 01	Full operation date of the project is missing in MR (version 01 dated 13/05/2022) thus, CL 01 was raised for clarification	The full operation date had been included in the updated in the MR.	OK. It has been revised and verified by CTI by checking updated MR. Therefore, CL 01 is closed.

Table 3: Forward Action Requests

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