INNER MONGOLIA JINGNENG SAIHAN WIND FARM PHASE I PROJECT

Document Prepared By LGAI Technological Center, S.A. (Applus+ Certification)

Project Title	Inner Mongolia Jingneng Saihan Wind Farm Phase I Project
Version	01.0
Report ID	A+SH_SYST_VCS_VER_RCP_6520

Report Title	Inner Mongolia Jingneng Saihan Wind Farm Phase I Project
Client	Climate Bridge (Shanghai) Ltd.
Pages	34
Date of Issue	24/10/2020
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Approved By	LGAI Technological Center S.A. (Applus+ Certification) B.U. Managing Director: Juan Sendín Caballero
Work Carried Out By	Lead Auditor / Technical Expert: Denny Xue Technical Reviewer: Simon Shen

Summary:

LGAI Technological Center, S.A. (hereafter referred to as "Applus+ Certification") has been commissioned by Climate Bridge (Shanghai) Ltd. to perform the verification of greenhouse gas emission reductions of the project activity "Inner Mongolia Jingneng Saihan Wind Farm Phase I Project" (VCS Ref. No. 850, hereafter referred to as "the project activity") reported in the monitoring report /1/ during monitoring period 21/08/2012 to 20/07/2018.

The project activity has been validated by BV based on the CDM PDD /3/ version 3 dated 23/02/2010 and reported in the validation report No. BVC/CHINA-VAL/0090/2008 /4/, version 02, completed on 26/02/2010. The project activity was registered as a CDM project activity on 01/03/2010 and successfully renewed on 11/11/2016 which is available at https://cdm.unfccc.int/Projects/DB/BVQI1241775281.35/view?cp=2. A PRC was made and approved by UNFCCC on 04/08/2013. A gap validation was performed by DNV through the first VCS verification which is available at https://registry.verra.org/app/projectDetail/VCS/850.

The project activity is a wind power project located at Saihantala Town, Suniteyou Qi, Xilinhot City, Xilinguole League, Inner Mongolia Autonomous Region, P. R. China which is to use wind resource for electricity generation. The installed capacity of the project activity is 49.5 MW, consisting of 30 sets of wind turbines with unit capacity of 750 kW and another 18 sets of wind turbines with unit capacity of 1,500 kW. The average annual power delivered to the grid by the project is expected to be 124,497 MWh. The project can reduce GHG emissions by replacing the electricity generated by fossil fuel fired power plants in North China Power Grid (NCPG). It's estimated that the proposed project could achieve GHG emission reductions of 131,331 tCO_2e annually.

The purpose and scope of this verification is to ensure that reported emission reductions are complete and accurate in accordance with applicable VCS standards and relevant UNFCCC requirements in order to be certified. A desk review and a site visit have been conducted to verify the data submitted in the monitoring report /1/. Applus+ Certification confirms the following has been reviewed:

- Monitoring plan included in the registered CDM PDD /3/ version 3 dated 23/02/2010;
- Monitoring plan included in the revised CDM PDD /3/ version 5 dated 23/11/2012;
- Gap VCS PD dated 30/06/2011 /3/;

- Validation report No. BVC/CHINA-VAL/0090/2008 /4/, version 02, completed on 26/02/2010 by BV;
- VCS Verification Report /4/, completed on 29/08/2011 by DNV;
- Approved methodology, ACM0002 /7/, version 7.0, dated 14/12/2007;
- VCS standards and guidance version 4.0, as well as relevant UNFCCC requirements;
- All information and references relevant to the project activity's resulting in emission reductions.

During this verification, no finding was identified related to the monitoring, implementation or operations of the project activity in relation to relevant VCS standards, guidance and UNFCCC requirements and relevant host party criteria and the applied baseline and monitoring methodology etc.

Applus+ Certification confirms that the project is implemented in accordance with the registered PDD and revised CDM PDD /3/. The monitoring plan complies with the applied methodology ACM0002 /7/ version 7.0 and the monitoring has been carried out in accordance with the registered PDD. The monitoring system is in place and the emission reductions are calculated without material misstatements. The level of assurance of the verification is reasonable. Our opinion relates to the projects GHG emissions and the resulting GHG emission reductions reported and related to the valid and registered project baseline and monitoring and its associated documents. Based on the information reviewed and evaluated Applus+ Certification confirms that the implementation of the project has resulted in 635,270 tCO_2e emission reductions during period 21/08/2012 to 20/07/2018.

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1 INTRODUCTION

1.1 Objective

LGAI Technological Center, S.A. (Applus+ Certification) has been commissioned by Climate Bridge (Shanghai) Ltd. to perform the verification of greenhouse gas emission reductions of the project activity "Inner Mongolia Jingneng Saihan Wind Farm Phase I Project" (VCS Ref. No. 850) reported in the Monitoring Report /1/ during monitoring period 21/08/2012 to 20/07/2018.

LGAI Technological Center, S.A. (Applus+ Certification) as the verification body of the project activity has been accredited as a DOE by UNFCCC and also meets the competence requirements as set out in ISO 14065:2007.

The objective of verification is to have an independent review and ex post determination by a Designated Operational Entity (DOE) of the monitored reductions in GHG emissions that have occurred as a result of the registration of VCS project. Certification is the written assurance by the DOE that, during a specific time period, a proposed VCS project activity achieved the reductions in anthropogenic emissions by sources of GHGs as verified.

The objective of this verification/certification is to verify and certify emission reductions, reported for the "Inner Mongolia Jingneng Saihan Wind Farm Phase I Project" in China for the period 21/08/2012 to 20/07/2018.

1.2 Scope and Criteria

The verification scope is defined as an independent and objective review of the registered PD and PDD, the Project's baseline study and Monitoring Report (MR) and other relevant documents. The information in these documents is reviewed against VCS Version 4.0 requirements, UNFCCC rules and associated interpretations.

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

1.3 Level of Assurance

The verification report is based on the VCS-PD, CDM-PDD, revised CDM-PDD, the VCS Monitoring Report (MR), supporting evidences made available to the verifier and information collected through performing interviews and during the on-site assessment.

The verification conclusion is assured a reasonable level of assurance.

1.4 Summary Description of the Project

Project title	Inner Mongolia Jingneng Saihan Wind Farm Phase I Project
VCS reference number	850
Project Participants	Beijing International New Energy Co., Ltd. (Project Owner, host country, P. R. China)
Location of the project	Saihantala Town, Suniteyou Qi, Xilinhot City, Xilinguole League, Inner Mongolia Autonomous Region, P. R. China Geographic coordinates: East longitude: 112°49'36.88'' North latitude: 42°34'23.24''
Project start date	Construction start date: 10/06/2008 Operation start date: 31/12/2008
Version of VCS PD or CDM PDD	Version 3, dated 23/02/2010 (CDM PDD) Version 5, dated 23/11/2012 (CDM PDD)
Monitoring period	21/08/2012 to 20/07/2018
First monitoring report	Version 1.0, dated 09/09/2020
Final monitoring report	Version 2.0, dated 22/10/2020
Applied Methodology/Version	ACM0002, version 7.0, dated 14/12/2007
Scope/Technical Area	1/1.2

The project activity is a wind power project located at Saihantala Town, Suniteyou Qi, Xilinhot City, Xilinguole League, Inner Mongolia Autonomous Region, P. R. China which is to use wind resource for electricity generation. The installed capacity of the project activity is 49.5 MW, consisting of 30 sets of wind turbines with unit capacity of 750 kW and another 18 sets of wind turbines with unit capacity of 1,500 kW. The average annual power delivered to the grid by the project is expected to be 124,497 MWh. The project can reduce GHG emissions by replacing the electricity generated by fossil fuel fired power plants in North China Power Grid (NCPG). It's estimated that the proposed project could achieve GHG emission reductions of 131,331 tCO_2e annually.

The project activity has been validated by BV based on the CDM PDD /3/ version 3 dated 23/02/2010 and reported in the validation report No. BVC/CHINA-VAL/0090/2008 /4/, version 02, completed on 26/02/2010. The project activity was registered as a CDM project activity on 01/03/2010 and successfully renewed on 11/11/2016 which is available at https://cdm.unfccc.int/Projects/DB/BVQI1241775281.35/view?cp=2. A monitoring plan revision was made and approved by UNFCCC on 04/08/2013. A gap validation was performed by DNV through the first VCS verification which is available at https://registry.verra.org/app/projectDetail/VCS/850.

2 VERIFICATION PROCESS

2.1 Method and Criteria

Verification was conducted using Applus+ Certification's procedures in line with the requirements specified in the VCS Standard version 4.0, CDM M&P, the latest version of the CDM Validation and Verification Standard, and relevant UNFCCC requirements and applying standard auditing techniques.

Applus+ Certification completed a strategic review and risk assessment of the projects activities and processes in order to gain a full understanding of:

- Activities associated with all the sources contributing to the project emissions and emission reductions, including leakage if relevant;
- Protocols used to estimate or measure GHG emissions from these sources;
- Collection and handling of data;
- Controls on the collection and handling of data;
- Means of verifying reported data; and
- Compilation of the monitoring report.

Applus+ Certification verified the implementation of the monitoring plan and the data presented in the Monitoring Report /1/ for the period in question. This involved a site visit and a desk review of the Monitoring Report. This Verification Report describes the findings of this assessment.

The information of the assessment team is included in below:

Assessment team

According to the sectoral scopes / technical area and experiences in the sectoral or national business environment, Applus+ Certification has composed a project assessment team in accordance with the appointment rules in Applus+ Certification. The composition of assessment team has to be approved by the Applus+ Certification ensuring that the required skills are covered by the team. The four qualification levels for team members that are assigned by formal appointment rules as below:

- Leader Auditor (LA)
- Auditor (A)/ Auditor Trainee (AiT)

- Technical Reviewer (TR)

- Technical Experts (TE)

Name	Qualification	Coverage of scope	Coverage of Technical Area	Host country experience
Denny Xue	*LA/TE*	*Y (1.2)*	*Y*	*Y*
Simon Shen	*TR*	*Y (1.2)*	*Y*	*Y*

Denny Xue (Master Degree in Environmental Engineering, Bachelor Degree in Thermal Engineering) is a lead auditor appointed by Applus+ Certification for the GHG project assessment. He is based on Shanghai. He has 1.5 years of work experiences in CDM project development. Before he joined Applus+ Certification, he has been worked for Shanghai Chuanji Investment and Management which is a CDM consultancy company as a project manager for CDM project development.

Simon Shen (Master Degree in Thermal Energy Engineering, Bachelor Degree in Environmental Engineering) is a Lead Auditor appointed by Applus+ Certification for the GHG project assessment. He is based in Shanghai. He has several years of work experience in environmental protection field. Before he joined Applus+ Certification, he had been worked for TÜV SÜD as a GHG Validator/Assessment team and ISO 9001/14001 Lead Auditor for 3.5 years.

2.2 Document Review

The VCS monitoring report /1/ version 1.0 dated 09/09/2020, version 2.0 dated 22/10/2020 and the emission reduction calculations spreadsheet /2/, were assessed as part of the verification. In addition, the registered PDD /3/ version 3 dated 23/02/2010, gap VCS PD dated 30/06/2011 /3/ and revised PDD /3/ version 5 dated 23/11/2012 in particular the baseline estimations and the monitoring plan, the CDM validation report /04/ version 02 dated 26/02/2010 and the VCS Verification Report /4/ dated 29/08/2011, as well as relevant documents, were reviewed. A detailed documents reviewed are listed in Appendix 1 of the report.

2.3 Interviews

The key personnel interviewed are summarized in the table below:

Interviewed personnel	Role	Organization	Subject
Ms. Xu Jiaman	Manager	Beijing International New Energy 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.
Mr. Wu Siran	Project Manager	Climate Bridge (Shanghai) Ltd.	Data collection and ER calculation.

2.4 Site Inspections

The assessment team performed the on-site verification (Saihantala Town, Suniteyou Qi, Xilinhot City, Xilinguole League, Inner Mongolia Autonomous Region, P. R. China) on 28-29/09/2020. The interviewed personnel and objective are listed in above table.

2.5 Resolution of Findings

As an outcome of the verification process, the team can raise different types of findings.

Where a non-conformance arises the assessment team shall raise a Corrective Action Request (CAR). A CAR is issued, where:

a) Non-compliance with the monitoring plan or methodology are found in monitoring and reporting and has not been sufficiently documented by the project participants, or if the evidence provided to prove conformity is insufficient;

b) Modifications to the implementation, operation and monitoring of the project activity has not been sufficiently documented by the project participants;

c) Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impact the quantity of emission reductions;

d) Issues identified in a FAR during validation to be verified during verification or previous verification(s) have not been resolved by the project participants.

The assessment team shall raise a Clarification Request (CL) if information is insufficient or not clear enough to determine whether the applicable CDM requirements have been met.

All CARs and CLs raised during verification shall be resolved prior to submitting a request for issuance.

There is no CARs and CLs raised for this monitoring period for the project.

2.5.1 Forward Action Requests

None FAR was raised during the verification process. Also there are no remaining from former verification and validation.

2.6 Eligibility for Validation Activities

Not applicable as LGAI Technological Center, S.A. holds the accreditation for the validation and verification for projects under scope 1.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

Through reviewing the registered PDD /3/ and validation and verification report /4/, it was validated that the project has been registered as a CDM project with reference No. 2567 first which is available at https://cdm.unfccc.int/Projects/DB/BVQI1241775281.35/view?cp=2 and then renewed on 11/11/2016. Then the project has been registered as VCS project which is available at https://registry.verra.org/app/projectDetail/VCS/850. The project does not participate in the other emissions trading program by checking public information on Internet, interviewing with project owner and statement issued by project owner.

During the period from 01/01/2009 to 31/12/2018 as the first VCS crediting period, the project would claim only for VCUs or CERs. But VCUs and CERs will not be claimed in the same period. Also, for period 01/03/2010 to 20/08/2012, the project has applied for the issuance of CERs.

Therefore, Applus+ Certification consider the project is eligible to participate under the VCS Program as there is no double counting for the emission reduction during any period.

3.2 Methodology Deviations

Not applicable as not deviation for methodology.

3.3 Project Description Deviations

The project was registered under CDM scheme on 01/03/2010 with reference number of 2567. According to CDM standard, the crediting period is 01/03/2010-28/02/2017, which could be renewed twice. And a renewal has been done, the second crediting period is 01/03/2017-29/02/2024.

Then the project was registered under VCS scheme in 2011. In the monitoring report, the project commission date is 31/12/2008 but start date of crediting period is chosen as 01/01/2009. Moreover, in the monitoring report, the crediting period was set as from 01/01/2009 to 28/02/2010. While according to VCS 2007.1, the project crediting period is allowable for 10 years and could be renewed twice. Therefore, the first crediting period of project has been determined as 01/01/2009 to 31/12/2018.

The deviation has no impact for the applicability of the methodology, additionality or the appropriateness of the baseline scenario and meet all appropriate rules and requirements of VCS standard.

3.4 Grouped Project

Not applicable as not a grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

By means of on-site visit, the assessment team confirms that all physical features of the proposed CDM project activity proposed in the registered VCS PD and CDM PDD /3/ are in place and the PP has operated the project as per registered CDM PDD and VCS PD /3/. The installed capacity of the project is 49.5 MW, consisting of 30 sets of wind turbines with unit capacity of 750 kW and another 18 sets of wind turbines with unit capacity of 1,500 kW. The electricity generated is transmitted to the local Inner Monglia Power Grid via a newly built transformer station, which was then exported to the NCPG. The project activity was expected to supply 124,497 MWh of electricity to the grid. The construction of the project started on 10/06/2008, the project started operation on 31/12/2008 verified by checking information on the UNFCCC website. There are no changes on the key equipment and technology since the validation of the project. No special event which would affect the monitoring of the project has been observed during the monitoring period.

The project would contribute to sustainable development in as below:

1. GHG emission reduction

The proposed project activity achieves obvious greenhouse gas (GHG) emission reductions by avoiding CO_2 emissions, as grid-connected fossil fuel-fired power dominates in the North China Power Grid.

2. Pollutants emission reduction through replacing fossil fuel combustion

The proposed project is to replace grid-connected fossil fuel-fired power plants in the North China Power Grid, and thus reduce fossil fuel consumption and avoid pollutants emission, such as sulfur dioxide and dust, brought by fossil fuel combustion. Therefore, the proposed project has obvious environmental benefit.

3. Employment opportunities

The conducting of the proposed project offered 16 job opportunities for local people.

4. Economy development

The region can achieve economic growth and booming of local tourism through the construction and operation of the project. Furthermore, the project contributes to local government with more tax revenues and poverty eradication.

The technical parameters have been verified with the nameplates /9 / as below:

Parts	Parameters	Parameters
Turbine		
Type	Goldwind S50/750kW	Goldwind 77/1500kW
Quantity	30	18
Rated capacity (kW)	750	1,500
Number of blades	3	3
Rotor diameter (m)	50	77
Swept area (m^2)	1,963.5	4,657
Cut-in speed (m/s)	3.5	3
Rated wind speed (m/s)	14-15	11
Safe wind speed (m/s)	70	59.5
Cut-out speed (m/s)	25	22
Height of tower (m)	50	65
Rated voltage of generator (V)	690	690
Rated capacity of generator (kW)	750	1,500

By comparing the actual ER claimed in this monitoring period with the estimate in the registered PD, the actual emission reductions (635,270 tCO_2e) are lower than what is stated in the registered PD (i.e. 777,191 tCO_2e, equals to annual emission reductions, 131,331 tCO_2e multiplied by the actual operational days (2,160 days) then divided by 365 days) which surely will not lead to the overestimation of VERs.

The assessment team confirmed that there is no proposed or actual change to the project design 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 main meters have been observed during this monitoring period.

4.2 Safeguards

4.2.1 No Net Harm

By checking the EIA summary and conclusion provided in the registered PD and PDD, it is confirmed that wind power is green power and the impact caused by wind power on the surrounding ecosystem and residents, water, and atmosphere etc. is very little, there would be no net harm caused due to the project activity. Also, the EIA of the project 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

A survey was carried out on 18/03/2008 through the information publication, distributing and collecting responses to questionnaires targeting on local residents, builders and members of the local authorities. The project owner introduced the proposed project, and then a survey was arranged through a one-page questionnaire, which was designed to be easily filled in. The opinions expressed by the stakeholders were recorded and are available on request.

The stakeholder meeting and the 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.

Communications with Local stakeholders was being carried out at periodic intervals. There are no negative comments received for the project.

All such conclusion has been verified through site visit and check registered PDD.

4.3 AFOLU-Specific Safeguards

Not applicable as non-AFOLU project.

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 PDD /3/ and revised monitoring plan /3/. All parameters were monitored and determined as per the monitoring plan which is listed in below table:

Data / Parameter:	EG_y
Data unit:	MWh
Description:	Net electricity supplied to the Grid by the Project activity in year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	602,211.54
Source of data used:	Net electricity supplied to the Grid by the Project activity in year y (EG_y) is calculated by total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y ($EG_{export,y}$), total electricity purchased from the grid by the Project and Project B and other project(s) during year y ($EG_{import,y}$), quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y ($EG_{A-i,y}$), quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y ($EG_{B-i,y}$), quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y ($EG_{C-i,y}$) and total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y ($EG_{im-spare,y}$) as below formula: $EG_y = EG_{A-i,y} / (EG_{A-i,y} + EG_{B-i,y} + EG_{C-i,y}) * EG_{export,y} - EG_{import,y} - EG_{im-spare,y}$
Information flow:	Net electricity supplied to the Grid by the Project activity in year y (EG_y) is calculated by total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y ($EG_{export,y}$), total electricity purchased from the grid by the Project and Project B and other project(s) during year y ($EG_{import,y}$), quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y ($EG_{A-i,y}$), quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y ($EG_{B-i,y}$), quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y ($EG_{C-i,y}$) and total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y ($EG_{im-spare,y}$) as below formula: $EG_y = EG_{A-i,y} / (EG_{A-i,y} + EG_{B-i,y} + EG_{C-i,y}) * EG_{export,y} - EG_{import,y} - EG_{im-spare,y}$

Monitoring method, frequency and equipments:	Net electricity supplied to the Grid by the Project activity in year y (EG_y) is calculated by total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y ($EG_{export,y}$), total electricity purchased from the grid by the Project and Project B and other project(s) during year y ($EG_{import,y}$), quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y ($EG_{A-i,y}$), quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y ($EG_{B-i,y}$), quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y ($EG_{C-i,y}$) and total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y ($EG_{im-spare,y}$) as below formula: $EG_y = EG_{A-i,y} / (EG_{A-i,y} + EG_{B-i,y} + EG_{C-i,y}) * EG_{export,y} - EG_{import,y} - EG_{im-spare,y}$
Calibration:	Net electricity supplied to the Grid by the Project activity in year y (EG_y) is calculated by total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y ($EG_{export,y}$), total electricity purchased from the grid by the Project and Project B and other project(s) during year y ($EG_{import,y}$), quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y ($EG_{A-i,y}$), quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y ($EG_{B-i,y}$), quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y ($EG_{C-i,y}$) and total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y ($EG_{im-spare,y}$) as below formula: $EG_y = EG_{A-i,y} / (EG_{A-i,y} + EG_{B-i,y} + EG_{C-i,y}) * EG_{export,y} - EG_{import,y} - EG_{im-spare,y}$
QA/QC procedure:	Data record will be archived for a period of 2 years after the crediting period to which the records pertain.
Means of verification:	Not applicable

Data / Parameter:	$EG_{export,y}$
Data unit:	MWh
Description:	Total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	1,752,018.55
Source of data used:	Total electricity supplied to the grid via the main power line by the Project, Project B and other project(s) during year y ($EG_{export,y}$) are all sourced from

<table>
<tr><td></td><td>Meter Reading Record (MRRs) /10/ issued by the project owner, Electricity Transaction Notes (ETNs) /11/ issued by power grid company covering monitoring period. For the data of 31/12/2012, 31/12/2013, 31/12/2014, 31/12/2015, 31/12/2016 and 31/12/2017 are sourced from Statement from Power Grid Company /14/.</td></tr>
<tr><td>Information flow:</td><td>1 set of electricity meter (M1 as main meter and M2 as backup meter) installed at the Wenduer substation and high voltage of the 35kV/220kV substation separately was measured continuously, recorded monthly and archived electronically. At 24:00 hr of 20th of each month, the staff from project owner will record 1 set of electricity meter's readings and form Meter Reading Records (MRRs). The staff from power grid company will record the meter readings of main meters then transcribes the data into Electricity Transaction Notes (ETNs), then after the confirmation of the project owner for the ETNs, the project owner would issue the invoice. For data of 31/12/2012, 31/12/2013, 31/12/2014, 31/12/2015, 31/12/2016 and 31/12/2017, data are verified by checking Statement from Power Grid Company /14/.
The data for MRRs, ETNs and Statement from Power Grid Company have been sent to the CDM consulting company for reporting of GHG emission reduction. The conservative one would be used for ER calculation.</td></tr>
<tr><td>Monitoring method, frequency and equipments:</td><td>The parameter was measured continuously and recorded monthly by 1 set of electricity meter (M1 as main meter and M2 as backup meter) installed at the Wenduer substation and high voltage of the 35kV/220kV substation separately. See below for the information of 1 set of electricity meter verified by site visit and checking calibration certificates /12/:
<table>
<tr><th>Meter</th><th>Type</th><th>Serial Number</th><th>Accuracy</th></tr>
<tr><td>Main Meter M1</td><td>ZMQ202C</td><td>95303611</td><td>0.2s</td></tr>
<tr><td>Backup Meter M2</td><td>ZMQ202C</td><td>95303617</td><td>0.2s</td></tr>
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The type, serial number and accuracy have been confirmed by site visit.</td></tr>
<tr><td>Calibration:</td><td>The calibration information is shown as below /12/:
<table>
<tr><th>Meter</th><th>Calibration date</th><th>Valid until</th></tr>
<tr><td rowspan="8">Main Meter M1</td><td>14/06/2012</td><td>13/06/2013</td></tr>
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<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
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<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
</table></td></tr>
</table>

	<table><tr><td rowspan="8">Backup Meter M2</td><td>14/06/2012</td><td>13/06/2013</td></tr><tr><td>13/06/2013</td><td>12/06/2014</td></tr><tr><td>12/06/2014</td><td>11/06/2015</td></tr><tr><td>11/06/2015</td><td>10/06/2016</td></tr><tr><td>10/06/2016</td><td>09/06/2017</td></tr><tr><td>09/06/2017</td><td>08/06/2018</td></tr><tr><td>08/06/2018</td><td>07/06/2019</td></tr></table> The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.
QA/QC procedure:	Data record will be archived for a period of 2 years after the crediting period to which the records pertain.
Means of verification:	Data of the parameter was verified by checking MRRs, ETNs and Statement from Power Grid Company. All data is in line with MRRs, ETNs and Statement from Power Grid Company Information flow was verified by checking MRRs, ETNs and Statement from Power Grid Company, and all information are consistent; Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan; Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.

Data / Parameter:	$EG_{import,y}$
Data unit:	MWh
Description:	Total electricity purchased from the grid by the Project and Project B and other project(s) during year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	4,096.93
Source of data used:	Total electricity purchased from the grid by the Project and Project B and other project(s) during year y ($EG_{import,y}$) are all sourced from Meter Reading Record (MRRs) /10/ issued by the project owner, Electricity Transaction Notes (ETNs) /11/ issued by power grid company covering monitoring period. For the data of 31/12/2012, 31/12/2013, 31/12/2014,

<table>
<tr><td></td><td>31/12/2015, 31/12/2016 and 31/12/2017 are sourced from Statement from Power Grid Company.</td></tr>
<tr><td>Information flow:</td><td>1 set of electricity meter (M1 as main meter and M2 as backup meter) installed at the Wenduer substation and high voltage of the 35kV/220kV substation separately was measured continuously, recorded monthly and archived electronically. At 24:00 hr of 20th of each month, the staff from project owner will record 1 set of electricity meter's readings and form Meter Reading Records (MRRs). The staff from power grid company will record the meter readings of main meters then transcribes the data into Electricity Transaction Notes (ETNs), then after the confirmation of the project owner for the ETNs, the power grid company would issue the invoice. For data of 31/12/2012, 31/12/2013, 31/12/2014, 31/12/2015, 31/12/2016 and 31/12/2017, data are verified by checking Statement from Power Grid Company /14/.

The data for MRRs, ETNs and Statement from Power Grid Company have been sent to the CDM consulting company for reporting of GHG emission reduction. The conservative one would be used for ER calculation.</td></tr>
<tr><td>Monitoring method, frequency and equipments:</td><td>The parameter was measured continuously and recorded monthly by 1 set of electricity meter (M1 as main meter and M2 as backup meter) installed at the Wenduer substation and high voltage of the 35kV/220kV substation separately. See below for the information of 1 set of electricity meter verified by site visit and checking calibration certificates /12/:
<table>
<tr><th>Meter</th><th>Type</th><th>Serial Number</th><th>Accuracy</th></tr>
<tr><td>Main Meter M1</td><td>ZMQ202C</td><td>95303611</td><td>0.2s</td></tr>
<tr><td>Backup Meter M2</td><td>ZMQ202C</td><td>95303617</td><td>0.2s</td></tr>
</table>
The type, serial number and accuracy have been confirmed by site visit.</td></tr>
<tr><td>Calibration:</td><td>The calibration information is shown as below /12/:
<table>
<tr><th>Meter</th><th>Calibration date</th><th>Valid until</th></tr>
<tr><td rowspan="7">Main Meter M1</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="4">Backup Meter M2</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
</table></td></tr>
</table>

	<table><tr><td></td><td>10/06/2016</td><td>09/06/2017</td></tr><tr><td></td><td>09/06/2017</td><td>08/06/2018</td></tr><tr><td></td><td>08/06/2018</td><td>07/06/2019</td></tr></table> The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.
QA/QC procedure:	Data record will be archived for a period of 2 years after the crediting period to which the records pertain.
Means of verification:	Data of the parameter was verified by checking MRRs, ETNs and Statement from Power Grid Company. All data is in line with MRRs, ETNs and Statement from Power Grid Company Information flow was verified by checking MRRs, ETNs and Statement from Power Grid Company, and all information are consistent; Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan; Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.

Data / Parameter:	$EG_{A-i,y}$
Data unit:	MWh
Description:	Quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	607,424.33
Source of data used:	Quantity of electricity supplied to the grid by Group A-i (i=1,2,3,4) of the Project in year y ($EG_{A-i,y}$) are all sourced from Meter Reading Record (MRRs) /10/ issued by the project owner.
Information flow:	4 electricity meters (A-1, A-2, A-3 and A-4) installed at 35 kV transmission line of project activity separately was measured continuously, recorded monthly and archived electronically. At 24:00 hr of each day, the staff from project owner will record 4 electricity meter's readings and form Meter Reading Records (MRRs).

<table>
<tr><td></td><td>The data for MRRs have been sent to the CDM consulting company for reporting of GHG emission reduction.</td></tr>
<tr><td>Monitoring method, frequency and equipments:</td><td>The parameter was measured continuously and recorded monthly by 4 electricity meters (A-1, A-2, A-3 and A-4) installed at 35 kV transmission line of project activity separately. See below for the information of 4 electricity meters verified by site visit and checking calibration certificates /12/:
<table>
<tr><th>Meter</th><th>Type</th><th>Serial Number</th><th>Accuracy</th></tr>
<tr><td>A-1</td><td>DTSD341</td><td>9020390</td><td>0.5s</td></tr>
<tr><td>A-2</td><td>DTSD341</td><td>9020463</td><td>0.5s</td></tr>
<tr><td>A-3</td><td>DTSD341</td><td>9020465</td><td>0.5s</td></tr>
<tr><td>A-4</td><td>DTSD341</td><td>9020392</td><td>0.5s</td></tr>
</table>
The type, serial number and accuracy have been confirmed by site visit.</td></tr>
<tr><td>Calibration:</td><td>The calibration information are shown as below /12/:
<table>
<tr><th>Meter</th><th>Calibration date</th><th>Valid until</th></tr>
<tr><td rowspan="7">A-1</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="7">A-2</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="7">A-3</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="7">A-4</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
</table></td></tr>
</table>

	The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.
QA/QC procedure:	Data record will be archived for a period of 2 years after the crediting period to which the records pertain.
Means of verification:	Data of the parameter was verified by checking MRRs. All data is in line with MRRs; Information flow was verified by checking MRRs, and all information are consistent; Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan; Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.

Data / Parameter:	$EG_{B\text{-}i,y}$
Data unit:	MWh
Description:	Quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	468,051.39
Source of data used:	Quantity of electricity supplied to the grid by Group B-i (i=1,2,3,4) of the Project B in year y are all sourced from Meter Reading Record (MRRs) /10/ issued by the project owner.
Information flow:	4 electricity meters (B-1, B-2, B3 and B4) installed at 35 kV transmission line of project B which is also owned by the project owner separately was measured continuously, recorded monthly and archived electronically. At 24:00 hr of each day, the staff from project owner will record 4 electricity meter's readings and form Meter Reading Records (MRRs). The data for MRRs have been sent to the CDM consulting company for reporting of GHG emission reduction.

Monitoring method, frequency and equipments:

The parameter was measured continuously and recorded monthly by 4 electricity meters (B-1, B-2, B-3 and B-4) installed at 35 kV transmission line of project B separately. See below for the information of 4 electricity meters verified by site visit and checking calibration certificates /12/:

Meter	Type	Serial Number	Accuracy
B-1	DTSD341	4690001	0.5s
B-2	DTSD341	4690002	0.5s
B-3	DTSD341	4690003	0.5s
B-4	DTSD341	4690004	0.5s

The type, serial number and accuracy have been confirmed by site visit.

Calibration:

The calibration information are shown as below /12/:

Meter	Calibration date	Valid until
B-1	14/06/2012	13/06/2013
	13/06/2013	12/06/2014
	12/06/2014	11/06/2015
	11/06/2015	10/06/2016
	10/06/2016	09/06/2017
	09/06/2017	08/06/2018
	08/06/2018	07/06/2019
B-2	14/06/2012	13/06/2013
	13/06/2013	12/06/2014
	12/06/2014	11/06/2015
	11/06/2015	10/06/2016
	10/06/2016	09/06/2017
	09/06/2017	08/06/2018
	08/06/2018	07/06/2019
B-3	14/06/2012	13/06/2013
	13/06/2013	12/06/2014
	12/06/2014	11/06/2015
	11/06/2015	10/06/2016
	10/06/2016	09/06/2017
	09/06/2017	08/06/2018
	08/06/2018	07/06/2019
B-4	14/06/2012	13/06/2013
	13/06/2013	12/06/2014
	12/06/2014	11/06/2015
	11/06/2015	10/06/2016
	10/06/2016	09/06/2017
	09/06/2017	08/06/2018
	08/06/2018	07/06/2019

The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical

	Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.
QA/QC procedure:	Data record will be archived for a period of 2 years after the crediting period to which the records pertain.
Means of verification:	Data of the parameter was verified by checking MRRs. All data is in line with MRRs; Information flow was verified by checking MRRs, and all information are consistent; Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan; Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.

Data / Parameter:	$EG_{C\text{-}i,y}$
Data unit:	MWh
Description:	Quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	678,971.82
Source of data used:	Quantity of electricity supplied to the grid by Group C-i (i=1,2,..,n) of other project(s) in year y are all sourced from Meter Reading Record (MRRs) /10/ issued by the project owner.
Information flow:	4 electricity meters (C-1, C-2, C3 and C4) installed at 35 kV transmission line of other project(s) which is also owned by the project owner separately was measured continuously, recorded monthly and archived electronically. At 24:00 hr of each day, the staff from project owner will record 4 electricity meter's readings and form Meter Reading Records (MRRs). The data for MRRs have been sent to the CDM consulting company for reporting of GHG emission reduction.
Monitoring method, frequency and equipments:	The parameter was measured continuously and recorded monthly by 4 electricity meters (C-1, C-2, C-3 and C-4) installed at 35 kV transmission line of other project(s) separately. See below for the information of 4 electricity meters verified by site visit and checking calibration certificates /12/:

<table>
<tr><td></td><td>
<table>
<tr><th>Meter</th><th>Type</th><th>Serial Number</th><th>Accuracy</th></tr>
<tr><td>C-1</td><td>DTSD341</td><td>2873616</td><td>0.5s</td></tr>
<tr><td>C-2</td><td>DTSD341</td><td>2873617</td><td>0.5s</td></tr>
<tr><td>C-3</td><td>DTSD341</td><td>2873618</td><td>0.5s</td></tr>
<tr><td>C-4</td><td>DTSD341</td><td>2873619</td><td>0.5s</td></tr>
</table>
The type, serial number and accuracy have been confirmed by site visit.
</td></tr>
<tr><td>Calibration:</td><td>
The calibration information are shown as below /12/:
<table>
<tr><th>Meter</th><th>Calibration date</th><th>Valid until</th></tr>
<tr><td rowspan="8">C-1</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="8">C-2</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="8">C-3</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
<tr><td rowspan="8">C-4</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
</table>
The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.
</td></tr>
<tr><td>QA/QC procedure:</td><td>Data record will be archived for a period of 2 years after the crediting period to which the records pertain.</td></tr>
</table>

Means of verification:	Data of the parameter was verified by checking MRRs. All data is in line with MRRs; Information flow was verified by checking MRRs, and all information are consistent; Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan; Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.

Data / Parameter:	$EG_{im\text{-}spare,y}$
Data unit:	MWh
Description:	Total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y
Purpose of the data:	Calculation of baseline emissions
Parameter value:	250.09
Source of data used:	Total electricity purchased from the gird by the Project, Project B and Other project(s) through a spare 10 kV line in the year y ($EG_{im\text{-}spare,y}$) are all sourced from Meter Reading Record (MRRs) /10/ issued by the project owner, Electricity Transaction Notes (ETNs) /11/ issued by power grid company covering monitoring period. For the data of 31/12/2012, 31/12/2013, 31/12/2014, 31/12/2015, 31/12/2016 and 31/12/2017 are sourced from Statement from Power Grid Company /14/.
Information flow:	1 electricity meter (M3) installed at the spare 10 kV line was measured continuously, recorded monthly and archived electronically. At 24:00 hr of 20th of each month, the staff from project owner will record 1 electricity meter's readings and form Meter Reading Records (MRRs). The staff from power grid company will record the meter readings of main meters then transcribes the data into Electricity Transaction Notes (ETNs), then after the confirmation of the project owner for the ETNs, the power grid company would issue the invoice. For data of 31/12/2012, 31/12/2013, 31/12/2014, 31/12/2015, 31/12/2016 and 31/12/2017, data are verified by checking Statement from Power Grid Company /14/.

<table>
<tr><td></td><td>The data for MRRs, ETNs and Statement from Power Grid Company have been sent to the CDM consulting company for reporting of GHG emission reduction. The conservative one would be used for ER calculation.</td></tr>
<tr><td>Monitoring method, frequency and equipments:</td><td>The parameter was measured continuously and recorded monthly by 1 electricity meter (M3) installed at the spare 10 kV line. See below for the information of 1 electricity meter verified by site visit and checking calibration certificates /12/:
<table>
<tr><th>Meter</th><th>Type</th><th>Serial Number</th><th>Accuracy</th></tr>
<tr><td>M3</td><td>DS862-4</td><td>10669106</td><td>2.0</td></tr>
</table>
The type, serial number and accuracy have been confirmed by site visit.</td></tr>
<tr><td>Calibration:</td><td>The calibration information is shown as below /12/:
<table>
<tr><th>Meter</th><th>Calibration date</th><th>Valid until</th></tr>
<tr><td rowspan="8">M3</td><td>14/06/2012</td><td>13/06/2013</td></tr>
<tr><td>13/06/2013</td><td>12/06/2014</td></tr>
<tr><td>12/06/2014</td><td>11/06/2015</td></tr>
<tr><td>11/06/2015</td><td>10/06/2016</td></tr>
<tr><td>10/06/2016</td><td>09/06/2017</td></tr>
<tr><td>09/06/2017</td><td>08/06/2018</td></tr>
<tr><td>08/06/2018</td><td>07/06/2019</td></tr>
</table>
The calibration was conducted by accredited third parties which are Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center /13/ which was accredited by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.</td></tr>
<tr><td>QA/QC procedure:</td><td>Data record will be archived for a period of 2 years after the crediting period to which the records pertain.</td></tr>
<tr><td>Means of verification:</td><td>Data of the parameter was verified by checking MRRs, ETNs and Statement from Power Grid Company. All data is in line with MRRs, ETNs and Statement from Power Grid Company
Information flow was verified by checking MRRs, ETNs and Statement from Power Grid Company, and all information are consistent;
Monitoring method was verified by site visit, checking calibration certificates, all monitoring method meets the description in the revised monitoring plan;
Calibration was verified by checking calibration certificate, all calibration of monitoring equipment meets the requirement indicated in the revised monitoring plan.</td></tr>
</table>

Parameters available at validation stage:

Below data has been verified against the data sources and the PDD.

Parameter title	Description	Data	Source
$EF_{grid,CM,y*}$	The baseline grid emission factor	1.0549	Notification on 2008 baseline emission factors for regional power grids in China, issued by China on 18/07/2008 /15/.

* $EF_{grid,CM,y}$ is not directly available in the registered PDD but calculated based on the ex-ante data fixed in the registered PDD.

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

The monitoring has been carried out in accordance with the revised registered PDD /3/ approved by UNFCCC on 04/08/2013.

As a result of verification of the ER calculation process, the assessment team confirmed that all the parameters required for the determination of the emission reductions have been included in the MR Report and ER Calculation Spreadsheet /2/ and are consistent with the applied methodology ACM0002 version 7.0 and the revised monitoring plan. The parameters are complete in this monitoring period.

After verifying the reported figures with the raw data sources, it's confirmed that the values of the parameters from the raw data sources are consistent with those quoted in the ER Calculation Spreadsheet and the MR Report. The verification process for the same has been clearly described above in section 4.4 of the report.

4.6 Non-Permanence Risk Analysis

Not applicable as a renewable project.

5 VERIFICATION CONCLUSION

Applus+ Certification has been commissioned by Climate Bridge (Shanghai) Ltd. to perform the verification of greenhouse gas emission reductions of the project activity "Inner Mongolia Jingneng Saihan Wind Farm Phase I Project" (VCS Ref. No. 850).

The management of Beijing International New Energy Co., Ltd. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions on the basis set out within the project's Monitoring Plan in the registered PDD /3/, version 3 dated 23/02/2010 and the revised registered PDD /3/ approved on 04/08/2013.

Our verification approach was based on the requirements as defined under the applicable VCS standards 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 PDD and PD;

- the monitoring plan in the registered PDD is as per the applied methodology;

- the monitoring complies with the registered PDD;

- the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable VCS 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.

In our opinion, the GHG emission reductions for "Inner Mongolia Jingneng Saihan Wind Farm Phase I Project" during the monitoring period 21/08/2012 to 20/07/2018 as reported in Monitoring Report, prepared on the basis of the project's Monitoring Plan are fairly stated. Based on the information we have seen and evaluated, we confirm the following statement:

Verification period: From 21/08/2012 to 20/07/2018 (divided into 7 vintage periods). Verified GHG emission reductions or removals in the above reporting period:

Year	Baseline emissions or removals (tCO_2e)	Project emissions or removals (tCO_2e)	Leakage emissions (tCO_2e)	Net GHG emission reductions or removals (tCO_2e)
2012	40,539	0	0	40,539
2013	122,051	0	0	122,051
2014	102,710	0	0	102,710
2015	87,461	0	0	87,461
2016	93,609	0	0	93,609
2017	117,175	0	0	117,175
2018	71,725	0	0	71,725
Total	635,270	0	0	635,270

APPENDIX 1: REFERENCE LIST

1. Monitoring report, Version 1.0, dated 09/09/2020; version 2.0, dated 22/10/2020

2. ER calculation spreadsheet

3. Registered CDM PDD, version 3, dated 23/02/2010;

   Registered VCS Gap PD, dated 30/06/2011;

   Revised Registered CDM PDD, version 5, dated 23/11/2012

4. Validation report, No. BVC/CHINA-VAL/0090/2008, version 02, completed by BV;

   VCS Verification Report, completed on 29/08/2011 by DNV

5. VCS standard version 4.0, dated on 19/09/2019

6. Statement issued by project owner

7 Approved methodology ACM0002, version 7.0, dated 14/12/2007

8 CDM Monitoring procedure

9 Nameplate of the equipment

10 Meter Reading Record (MRRs) for Meters

11 Electricity Transaction Notes covering the monitoring period

12 Calibration certificates of meters covering the whole monitoring period issued by Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center

13 Accreditation certificates for Inner Mongolia Electricity Science Research Institute Electricity Measurement and Testing Center issued by Quality and Technical Supervision Bureau of Inner Mongolia valid from 02/01/2012 to 01/01/2021.

14 Statement from Power Grid Company

15 Notification on 2008 baseline emission factors for regional power grids in China, issued by China on 18/07/2008