



Monitoring report form
(Version 05.1)

Complete this form in accordance with the Attachment "Instructions for filling out the monitoring report form" at the end of this form.

MONITORING REPORT

Title of the project activity	Ulan Phase II 10MWp Solar PV Project	
Reference number of the project activity	GS 2679	
Version number of the monitoring report	02.1	
Completion date of the monitoring report	01/03/2017	
Monitoring period number and duration of this monitoring period	Monitoring period 02, 01/11/2015-31/12/2016	
Project participant(s)	Ulan Jinfeng New Energy Photovoltaic Power Generation Co., Ltd. (project owner) Carbon Invcap International Trading Co., Ltd. (buyer)	
Host Party	P.R. of China	
Sectoral scope(s)	01 Energy industries (Renewable sources)	
Selected methodology(ies)	AMS-I.D. "Grid connected renewable electricity generation"(Version 17.0)	
Selected standardized baseline(s)	N/A	
Estimated amount of GHG emission reductions or net GHG removals by sinks for this monitoring period in the registered PDD	16,141tCO ₂ e	
Total amount of GHG emission reductions or net GHG removals by sinks achieved in this monitoring period	GHG emission reductions or net GHG removals by sinks reported up to 31 December 2012	GHG emission reductions or net GHG removals by sinks reported from 1 January 2013 onwards
	N/A	13,849

SECTION A. Description of project activity

A.1. Purpose and general description of project activity

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Ulan Phase II 10MWp Solar PV Project (hereafter referred to the Project) is a newly built new solar PV power plant. The purpose of the Project is to install 41,440 pieces of the polycrystalline silicon solar cell modules with unit capacity of 250Wp to generate clean renewable electricity with zero emissions. The actual installed capacity of the Project is 10.36MWp. It is estimated that the feed-in electricity from the Project is approximately 16,103.7MWh per year. The electricity generated by the Project is supplied to Northwest China Power Grid (NWPG). The scenario existing prior to the implementation of the proposed project is that the quantity of net electricity generation by the Project will be generated by other grid-connected power plant or provided by newly added power sources in the NWPG. The baseline scenario is the same as the scenario existing prior to the start of implementation of the project activity.

The Project, developed by Ulan Jinfeng New Energy Photovoltaic Power Generation Co., Ltd., involves construction and operation of a Solar PV power project that is located in Keke Town, Ulan County, Haixi Mongol and Tibetan Autonomous Prefecture, Qinghai Province, P. R. of China. The Project construction was commenced on 18/07/2013, and the operation was started on 20/12/2013, the continued operation periods is 25 years.

The project was registered as a GS project on 05/12/2014 with the registration reference number of 2679.

The project is registered as a retroactive GS project. As per the GS rules, pre-registration credits can be claimed for two years prior to the GS registration. Therefore, the start date of the GS crediting period is the same as the operation started date, 20/12/2013.

The net power supply during this monitoring period (01/11/2015-31/12/2016) is 16,170.834MWh. The total emission reductions in this monitoring period (01/11/2015-31/12/2016) are 13,849tCO₂e.

The Project Developer warrants it has, and continues to have, (or if acting in the capacity as an Agent, The person or entity it represents has and continues to have) full legal and beneficial title to any Units Listed by User in accordance with the Gold Standard Registry Terms of Use and the underlying Environmental Benefits corresponding to such Units and it has not sold, transferred, assigned, licensed, Disposed of, granted or otherwise created any interest or encumbrance in or agreed to sell, assign, license, dispose of, grant or otherwise create any interest or encumbrance in the Units or the underlying Environmental Benefits corresponding to such Units other than as contemplated under the Gold Standard Registry Terms of Use.

A.2. Location of project activity

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The Project is located in Keke Town, Ulan County, Haixi Mongol and Tibetan Autonomous Prefecture, Qinghai Province, P. R. of China, with central geographical coordinates of east longitude of 98°23'09" and north latitude of 36°59'11".

A.3. Parties and project participant(s)

Party involved ((host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Indicate whether the Party involved wishes to be considered as project participant (yes/no)
P.R. of China (host)	Ulan Jinfeng New Energy Photovoltaic Power Generation Co., Ltd.(Project owner)	No
United Kingdom of Great Britain and Northern Ireland	Carbon Invcap International Trading Co., Ltd. (buyer)	No

A.4. Reference of applied methodology and standardized baseline

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(a) The applied methodology(ies)

AMS-I.D. "Grid connected renewable electricity generation"(Version 17.0);;

(b) Any tools and other methodologies to which the applied methodology(ies) refers
 "Guidelines on the demonstration of additionality of small-scale project activities" (Version 09.0)

For more information, please visit:

<http://cdm.unfccc.int/methodologies/SSCmethodologies/approved>

A.5. Crediting period of project activity

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Renewable crediting period of 7×3 years is chosen for the Project. The first crediting period of the project activity is from 20/12/2013 to 19/12/2020.

A.6. Contact information of responsible persons/entities

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The MR of the Project was completed on 01/03/2017 by Xiayue of Goldchina Consultancy International Co., Ltd.

Address: Room 3103, Unit 3, Building 1, Tangning One, No. 16, Zhongguancun East Road, Haidian District, Beijing, 100083

Telephone:(8610)6268 2682; Fax: (8610)6268 2682
 Email: zzn01@mails.tsinghua.edu.cn; zzn@gcci-carbon.com

SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity

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The project started operation on 20/12/2013. This project consists of one site only and the implementation is not phased. No equipment was exchanged or overhauled. No events occurred that affected the applicability of the methodology.

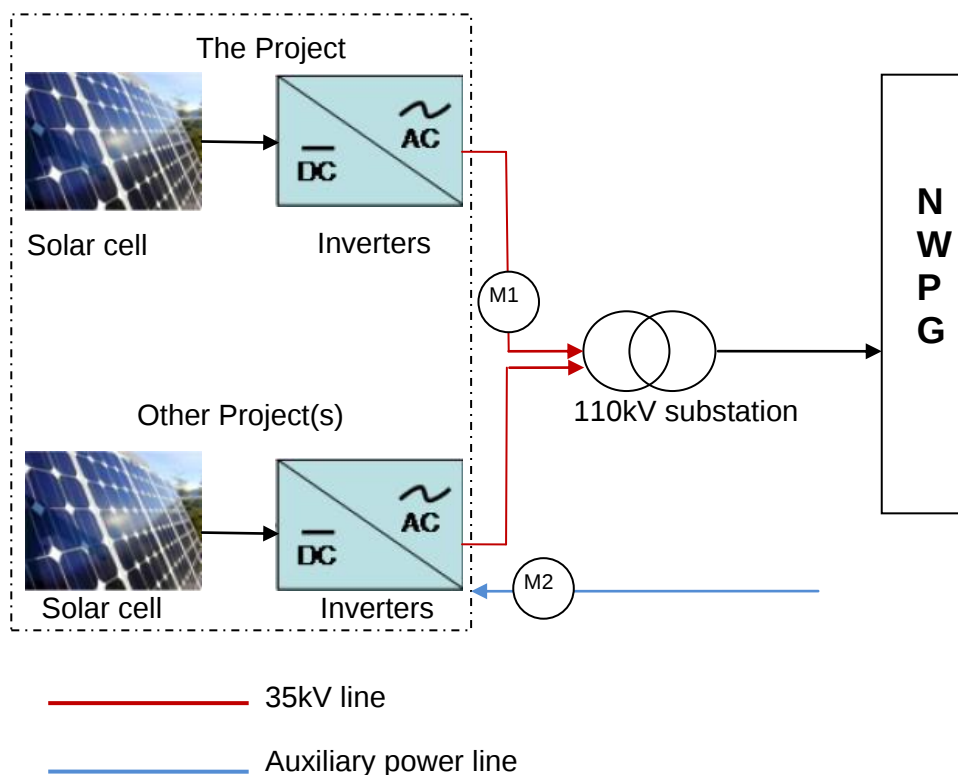
The total installed capacity is 10.36MWp which consists of 41,440 pieces of the polycrystalline silicon solar PV cell modules with unit capacity of 250Wp.

The solar cell module employed by the Project were provided by Jinko Solar Co., Ltd. The inverter employed by the Project were provided by Anhui Duraluxe Energy Co.,Ltd. The main technical parameters of the key equipments of the Project are illustrated in Table 1.

Table 1. Major technical parameters of the solar cell module and inverter

	Item	Unit	Project
Solar cell module	Type		JKM250P-60
	Number		41,440
	Rated Max. Power	Wp	250
	Optimum Voltage	V	30.4
	Optimum Current	A	8.23
	Open Circuit voltage	V	37.6
	Short Circuit current	A	8.81
	Lifetime	year	25
Inverter	Type		DS 500 KTL
	Number		20
	Max. Output power	kW	500
	Rated frequency	HZ	50/60

The technical process of the Project can be illustrated by below figure 1.



B.2. Post-registration changes

B.2.1. Temporary deviations from registered monitoring plan, applied methodology or applied standardized baseline

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No temporary deviation from registered monitoring plan or applied methodology.

B.2.2. Corrections

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No correction.

B.2.3 Changes to start date of crediting period

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No permanent change from registered monitoring plan or applied methodology.

B.2.4 Inclusion of a monitoring plan to the registered PDD that was not included at registration

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No change to project design of registered project activity.

B.2.5. Permanent changes from registered monitoring plan, applied methodology or applied standardized baseline

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No change to start date of crediting period.

B.2.6. Changes to project design of registered project activity

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Not applicable.

B.2.7. Types of changes specific to afforestation or reforestation project activity

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Not applicable.

SECTION C. Description of monitoring system

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1. Data collection procedures

The electric energy metering system was equipped according to the requirements of the Technical Administrative Code of Electric Energy Metering (DL/T448-2000).

The M1 was installed at the 35 kV line of the Project and electricity meter M2 was installed at the auxiliary power line.

More details please see figure 2.

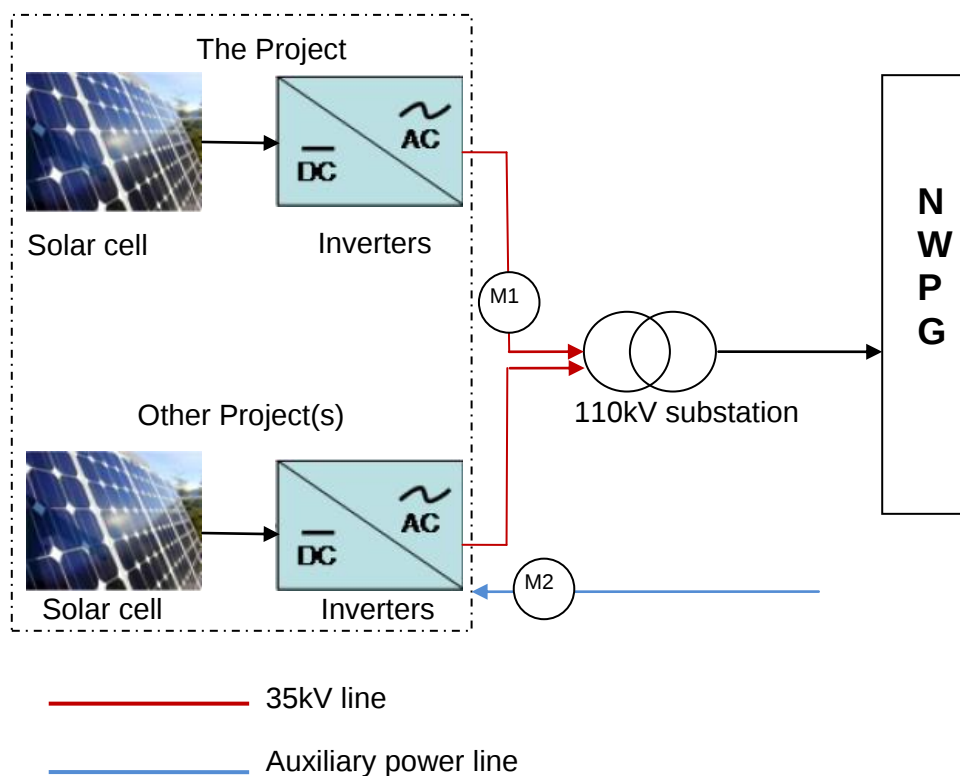


Figure 2. The connection structure and the meter location

2. Organizational structure

The monitoring of the emission reductions is carried out according to the scheme shown in figure 3.

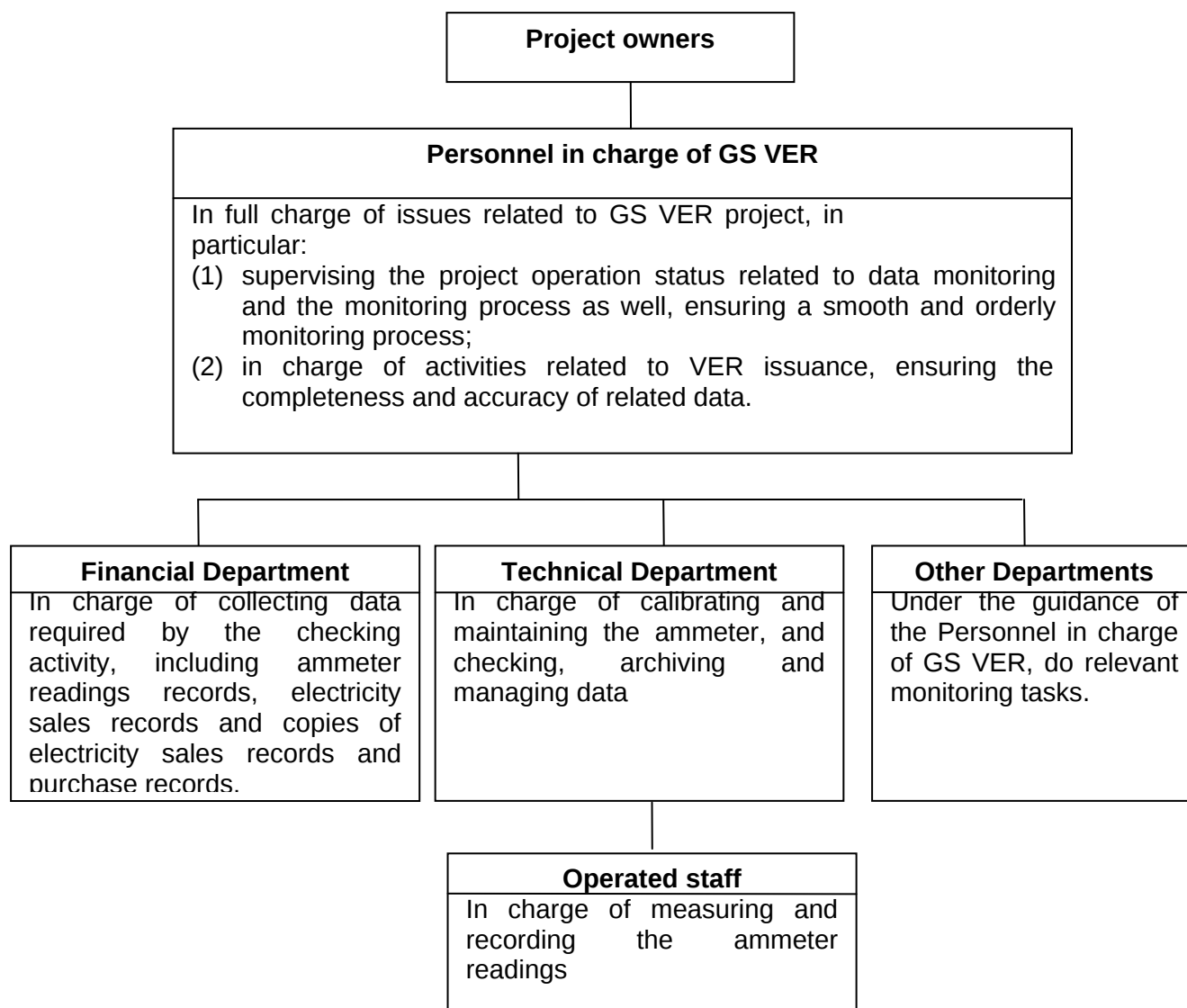


Figure 3. Management Structure of Monitoring Plan

3. Emergency procedures

For M1:

The records of electricity sales and purchase will be used to cross-check the readings of the meter M1 as long as the error in the meter M1 is within the permissible limits. However, when the meter has the malfunction or the breakdown, the net electricity supplied to the grid will be determined according to the stipulation of the PPA, the emission reductions during this period will be considered as 0tCO₂e.

For M2:

As per the appendix I of Project standard, if M2 is functioned improperly or out of order, the imported electricity will be estimated by assuming that equipment consuming the imported electricity operated at maximum capacity for the full period of the missing data, and the estimate shall include an addition of 10% to account for transmission and distribution losses.

SECTION D. Data and parameters

D.1. Data and parameters fixed ex ante or at renewal of crediting period

(Copy this table for each piece of data and parameter)

Data/parameter:	$EF_{grid,CM,y}$
Unit	tCO ₂ /MWh

Description	Combined Margin CO ₂ emission factor.
Source of data	Registered PDD
Value(s) applied)	0.856875
Choice of data or measurement methods and procedures	2013 baseline emission factors for regional power grids in China, issued by China DNA
Purpose of data	Calculation of baseline emissions
Additional comments	This parameter is ex ante determined in PDD and fixed during the first crediting period.

D.2. Data and parameters monitored

(Copy this table for each piece of data and parameter)

Data/parameter:	$EG_{facility,y}$
Unit	MWh/yr
Description	Quantity of net electricity generation supplied to the grid in year y. The net electricity generation supplied to the grid is the difference between the measured quantities of the grid electricity export and import.
Measured/calculated/default	Measured
Source of data	Measured by Electricity meter
Value(s) of monitored parameter	16,170.834
Monitoring equipment	The meter M1 owned by the PP is a bidirectional meter. Type: DTSD341 Accuracy class: 0.2S Serial number: 35175165446241009801300651 Calibration frequency: At least annually Calibration date: 10/12/2014, 08/12/2015, 03/12/2016 Calibration institution: Electricity Metering and Verification Center of Qinghai Province Calibration validity: valid The meter M2 owned by the PP is a bidirectional meter. Type: DSSD331 Accuracy class: 0.5S Serial number: 86034185428251009806011369 Calibration frequency: At least annually Calibration date: 10/12/2014, 08/12/2015, 03/12/2016 Calibration institution: Electricity Metering and Verification Center of Qinghai Province Calibration validity: valid
Measuring/reading/recording frequency:	Continuous measurement and at least monthly recording
Calculation method (if applicable):	The following parameters shall be measured: (i) The quantity of the grid electricity export(measured by M1); and (ii) The quantity of the grid electricity import(measured by M1 and M2 ¹).
QA/QC procedures:	Cross checked by the records for sold/purchased electricity
Purpose of data:	Calculation of baseline emissions
Additional comments:	-

Data and parameters monitored for Gold Standard sustainable development indicators

¹ The meters M2 recorded the total quantity of the grid electricity import by the Project and other Project(s) through auxiliary power line, for conservativeness, the total quantity of the grid electricity import was deducted for calculating the net electricity generation supplied to grid by the Project.

According to the requirements of the Gold Standard, the project activity must be assessed against a matrix of sustainable development indicators. Five indicators were added to the monitoring plan.

Copy Table for each indicator

No	1	
Indicator	Air quality	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Indirect parameter of "Total clean and renewable electricity supplied by the Project" is measured in order to calculate the concentrations of SO ₂ and NO _x , as multiplied by default national emission factor from the Chinese government	
Current situation of parameter	16,170.834MWh of clean electricity produced by the Project	
Estimation of baseline situation of parameter	In the baseline, equivalent electricity supplied by NWPG which is generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid.	
Future target for parameter	Consistency in the clean electricity produced by the Project, which replaces of fossil fuel consumption for the equivalent electricity generation and thus reduce air pollutants emissions and improve the air quality. Right now, there is no available public data on average atmospheric pollutant emissions per kWh of electricity associated with the largely fossil fuel-based grid electricity in NWPG. Therefore, the average data for China is used to clarify the issue. The SO₂ emission factor is 2.3 g/kWh for sulphur fossil fuel-based power plants (http://news.bjx.com.cn/html/20120606/364987.shtml). The NO_x emission factor is 2.6 g/kWh for fossil fuel-based power plants (http://news.bjx.com.cn/html/20120606/364987.shtml). By using the above data, people could have better understanding about the approximate amount of pollutants that have been reduced from the Project.	
Way of monitoring	How	The net electricity supplied by the Project will be continuously measured by electricity meters
	When	The net electricity supplied by the Project will be continuously measured and monthly recorded.
	By who	Monitored by the Project owner

No	2	
Indicator	Water quality and quantity	
Mitigation measure	Wastewater is treated through septic-tank, or used as greening water.	
<i>Repeat for each parameter</i>		
Chosen parameter	N/A	
Current situation of parameter	N/A	
Estimation of baseline situation of parameter	N/A	
Future target for parameter	Wastewater will not be discharged without treatment.	
Way of monitoring	How	Check the septic-tank and interview with the local residents.
	When	Once for each monitoring period
	By who	Monitored by the project owner.

No	3	
Indicator	Other pollutants	

Mitigation measure		Domestic solid waste will be collected together and periodically transferred to the local waste disposal plant for further treatment. The wasted equipment, such as the solar cell panel, will be collected together and transferred to the manufacturer.
<i>Repeat for each parameter</i>		
Chosen parameter		N/A
Current situation of parameter		N/A
Estimation of baseline situation of parameter		N/A
Future target for parameter		Solid waste will not be discharged without treatment.
Way of monitoring	How	Check the domestic solid waste collecting device, the wasted equipment collecting place and interview with local residents.
	When	Once for each monitoring period
	By who	Monitored by the project owner.

No		4
Indicator		Quality of employment
Mitigation measure		N/A as indicator scored positive.
<i>Repeat for each parameter</i>		
Chosen parameter		Training of staff.
Current situation of parameter		The staffs have accepted a series of training on the technology and the monitoring of the plant operation, and the emergency and safety procedures.
Estimation of baseline situation of parameter		In the baseline, local people have no such opportunities to be trained on the technology and the monitoring of the plant operation, and the emergency and safety procedures.
Future target for parameter		Together with the technology supplier, the Project organise training for the staff on the technology and the monitoring of the plant operation, and the emergency and safety procedures.
Way of monitoring	How	The training records for all the employees
	When	Once for each monitoring period
	By who	Monitored by the project owner

No		5
Indicator		Quantitative employment and income generation
Mitigation measure		N/A as indicator scored positive.
<i>Repeat for each parameter</i>		
Chosen parameter		Number of jobs created in the operations of the Project and their salary levels.
Current situation of parameter		6 employees have been employed. The average salary of the employee was CNY 66,000/year.
Estimation of baseline situation of parameter		In the baseline, local people have no such job opportunities from the Project, and their income has no increase. The local average salary level is CNY 57,084/year, please refer to Section 4-15 of <i>China Statistical Yearbook 2015</i> .
Future target for parameter		Consistency in the number of jobs created during operational period, and the salary of employees will be above the local average.
Way of monitoring	How	HR records or report
	When	Once for each monitoring period

	By who	Monitored by the project owner.
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D.3. Implementation of sampling plan

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Not applicable

SECTION E. Calculation of emission reductions or GHG removals by sinks

E.1. Calculation of baseline emissions or baseline net GHG removals by sinks

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The baseline emissions are the product of electrical energy baseline $EG_{BL,y}$ expressed in MWh of electricity produced by the renewable generating unit multiplied by the grid emission factor.

$$BE_y = EG_{BL,y} * EF_{CO_2,grid,y} \quad (1)$$

Where

BE_y Baseline emission in year y (tCO₂/y);

$EG_{BL,y}$ Quantity of net electricity supplied to the grid as a result of the implementation of the project activity in year y (MWh);

$EF_{CO_2,grid,y}$ CO₂ emission factor of the grid in year y (t CO₂/MWh).

For the Project,

$$EG_{BL,y} = EG_{facility,y} \quad (2)$$

$EG_{facility,y}$ Quantity of net electricity generation supplied to the grid in year y. The net electricity generation supplied to the grid is the difference between the measured quantities of the grid electricity export and import (MWh).

Paragraph 12 in the methodology gives two methods of calculating emission factor in a transparent and conservative manner and method (a), i.e. "A combined margin (CM), consisting of the combination of operating margin (OM) and build margin (BM) according to the procedures prescribed in the *Tool to calculate the emission factor for an electricity system*" is chosen for the proposed project. So,

$$EF_{CO_2,grid,y} = EF_{grid,CM,y} \quad (3)$$

$EF_{grid,CM,y}$ Combined margin CO₂ emission factor for the project electricity system in year y.

So

$$BE_y = EG_{facility,y} \times EF_{grid,CM,y} \quad (4)$$

For $EG_{facility,y}$:

Period	The quantity of the grid electricity export(MWh)			
	Measured by Electricity meter M1		Records of electricity sales	Verified data
	Meter reading	A	B	C=MIN(A,B)
01/11/2015-30/11/2015	484.507	1,348.900	1,340.790	1,340.790
01/12/2015-31/12/2015	504.046	1,367.730	1,336.0400	1,336.040
2015 SUM		2,716.630	2,676.830	2,676.830
01/01/2016-31/01/2016	521.272	1,205.820	1,200.5300	1,200.530
01/02/2016-29/02/2016	537.163	1,112.370	1,100.3500	1,100.350
01/03/2016-31/03/2016	558.067	1,463.280	1,433.4400	1,433.440
01/04/2016-30/04/2016	579.755	1,518.160	1,508.4800	1,508.480
01/05/2016-31/05/2016	599.427	1,377.040	1,321.2800	1,321.280
01/06/2016-30/06/2016	617.209	1,244.740	1,225.6100	1,225.610
01/07/2016-31/07/2016	635.778	1,299.830	1,228.2700	1,228.270
01/08/2016-31/08/2016	654.493	1,310.050	1,303.8400	1,303.840
01/09/2016-30/09/2016	671.538	1,193.150	1,168.6700	1,168.670
01/10/2016-31/10/2016	685.754	995.120	980.3700	980.370
01/11/2016-30/11/2016	699.590	968.520	965.4300	965.430
01/12/2016-31/12/2016	712.201	882.770	868.6700	868.670
2016 sum		14,570.850	14,304.940	14,304.940
SUM		17,287.480	16,981.770	16,981.770

Period	The quantity of the grid electricity import(MWh)								EG _{facility,y} (MWh)
	Measured by Electricity meter M1		Records of electricity purchase	Verified data	Measured by Electricity meter M2		Records of electricity purchase	Verified data	
	Meter reading	D1	E1	F1=MAX(D1,E1)	Meter reading	D2	E2	F2=MAX(D2,E2)	G=C-F1-F2
01/11/2015-30/11/2015	2.010	5.880	50.600	50.600	1461.027	7.377	7.377	7.377	1,282.813
01/12/2015-31/12/2015	2.107	6.790	69.960	69.960	1462.129	0.441	0.441	0.441	1,265.639
2015 SUM		12.670	120.560	120.560		7.818	7.818	7.818	2,548.452
01/01/2016-31/01/2016	2.201	6.580	22.000	22.000	1473.401	4.509	4.509	4.509	1,174.021
01/02/2016-29/02/2016	2.277	5.320	84.480	84.480	1501.211	11.124	11.124	11.124	1,004.746
01/03/2016-31/03/2016	2.356	5.530	58.080	58.080	1506.194	1.993	1.993	1.993	1,373.367
01/04/2016-30/04/2016	2.423	4.690	59.400	59.400	1510.117	1.569	1.569	1.569	1,447.511
01/05/2016-31/05/2016	2.491	4.760	60.720	60.720	1515.321	2.082	2.082	2.082	1,258.478
01/06/2016-30/06/2016	2.554	4.410	51.920	51.920	1517.340	0.808	0.808	0.808	1,172.882
01/07/2016-31/07/2016	2.619	4.550	42.240	42.240	1519.070	0.692	0.692	0.692	1,185.338
01/08/2016-31/08/2016	2.691	5.040	44.000	44.000	1520.867	0.719	0.719	0.719	1,259.121
01/09/2016-30/09/2016	2.767	5.320	49.280	49.280	1522.683	0.726	0.726	0.726	1,118.664
01/10/2016-31/10/2016	2.850	5.810	56.760	56.760	1533.525	4.337	4.337	4.337	919.273
01/11/2016-30/11/2016	2.937	6.090	55.000	55.000	1538.719	2.078	2.078	2.078	908.352
01/12/2016-31/12/2016	3.028	6.370	64.680	64.680	1547.124	3.362	3.362	3.362	800.628
2016 sum		64.470	648.560	648.560		33.998	33.998	33.998	13,622.382
SUM		77.140	769.120	769.120		41.816	41.816	41.816	16,170.834

$$BE_y = 16,170.834 * 0.856875 = 13,849 \text{ tCO}_2\text{e}$$

E.2. Calculation of project emissions or actual net GHG removals by sinks

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The Project is a grid-connected solar PV electricity generation project and there is no on-site consumption of fossil fuels due to the Project, according to AMS-I.D. (Version 17.0), there is no CO₂ emission from the Project. So the $PE_y = 0 \text{ tCO}_2\text{e}$.

E.3. Calculation of leakage

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According to AMS-I.D. (Version 17.0), if the energy generating equipment is transferred from another activity, leakage is to be considered, the equipment of the project activity are all purchased from manufactures, so the leakage is neglected, the $LE_y = 0 \text{ tCO}_2\text{e}$.

E.4. Summary of calculation of emission reductions or net GHG removals by sinks

Item	Baseline emissions or baseline net GHG removals by sinks (t CO ₂ e)	Project emissions or actual net GHG removals by sinks (t CO ₂ e)	Leakage (t CO ₂ e)	GHG emission reductions or net GHG removals by sinks (t CO ₂ e) achieved in the monitoring period		
				Up to 31/12/2012	From 01/01/2013	Total amount
2015	2,183	0	0	0	2,183	2,183
2016	11,666	0	0	0	11,666	11,666
Total	13,849	0	0	0	13,849	13,849

E.5. Comparison of actual emission reductions or net GHG removals by sinks with estimates in registered PDD

Item	Values estimated in ex ante calculation of registered PDD	Actual values achieved during this monitoring period
Emission reductions or GHG removals by sinks (t CO ₂ e)	16,141	13,849

*The estimated annual emission reductions are 13,798 tCO₂e/y as per registered PDD. The monitoring period covers 427 days, 16,141 = 13,798 * 427 / 365.

E.6. Remarks on difference from estimated value in registered PDD

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The actual emission reductions generated in the monitoring period are 13,849 tCO₂e, which are lower than the estimated emission reductions in the registered PDD. No further remark is needed.

SECTION F. Results of Gold Standard sustainable development indicator

During the monitoring period, there is no comment received in the Continuous Input / Grievance Expression Process Book in the reception room of Ulan Jinfeng New Energy Photovoltaic Power Generation Co., Ltd. In the Book, GS contact info@goldstandard.org and +41 (0) 22 788 7080 is informed to local stakeholders for comments.

F.1. Air quality

The total clean and renewable electricity supplied by the Project was 16,170.834MWh during this monitoring period (01/11/2015-31/12/2016) as presented in the *Data Reading Records for Monitoring Meter* and *Records for sold/purchased electricity*. According to the registered GS passport, the SO₂ emission factor is 2.3 g/kWh for sulphur fossil fuel-based power plants (<http://news.bjx.com.cn/html/20120606/364987.shtml>) and the NO_x emission factor is 2.6 g/kWh for fossil fuel-based power plants (<http://news.bjx.com.cn/html/20120606/364987.shtml>), so about 37,192 kg SO₂ and 42,044kg NO_x was reduced from the Project during this monitoring period (01/11/2015-31/12/2016).

F.2. Water quality and quantity

According to the registered GS passport, the mitigation measure, *wastewater treated through septic-tank, or used as greening water*, should be monitored. During the monitoring period, the wastewater is treated through septic-tank, also the project owner interviews the local residents about the water quality.

By checking the wastewater treatment facility and the *Waste treatment record*, the mitigation measures were implemented.



Figure 3 Wastewater treatment facility

Also, the interview with local residents was implemented. According to the interview, the local residents thought the waste water is treated though waste water treatment facility, and not discharged directly, beside, the project is far away from the village, so the impact of the Project to local water environment is negligible.

F.3. Other pollutants

According to the registered GS passport, the mitigation measure, *the domestic solid waste collected together and periodically transferred to the local waste disposal plant for further treatment*, the wasted

equipment, such as the solar cell panel, collected together and transferred to the manufacturer, should be monitored.

By checking the solid waste collecting device, the Waste treatment record, the wasted equipment collecting place, the mitigation measure has been implemented.



Figure 4 Solid waste collecting device



Figure 5 The wasted equipment collecting place

Also, the interview with local residents was implemented. According to the interview, the local residents thought the solid waste is collected by the solid waste collecting device then transferred to the local waste disposal plant for further treatment, and not discharged directly, so the impact of the solid waste to local environment is very small.

F.4. Quality of employment

During the monitoring period, the staffs have accepted a series of training on the technology and the monitoring of the plant operation, and the emergency and safety procedures, all these have been presented in the training records. The list of training courses is as follows:

No.	Content of training	Time of training	Attendees
-----	---------------------	------------------	-----------

1	Fire fighting training	17/11/2015	operation staff
2	Solar cell modules washing training	03/12/2015	operation staff
3	Special equipment operation training	25/02/2016- 05/03/2016	operation staff
4	Maintenance and management of the Inverter and the solar cell modules	13/05/2016	operation staff
5	Maintenance and manage of the power station training 2	28/07/2016- 04/08/2016	operation staff
6	Quality, environment and occupational safety and health management system training 2	30/09/2016	operation staff
7	High-voltage switchgear cabinet inspection training	05/11/2016	operation staff
8	Electric power security training (trauma, burn, frostbite)	18/12/2016	operation staff

As per the *Training records* of the Project, the content of training includes but not limited to security management system, Maintenance of low-voltage and high-voltage switchgear, safety law of special equipment.

F.5. Quantitative employment and income generation

During the monitoring period, 6 employees have been employed. And the average salary of the employee can reach CNY 66,000/year, all these have been presented in the monthly *HR records*, the average salary of the employee is higher than the local average salary levels CNY 57,084/year.

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Appendix 1. Contact information of project participants and responsible persons/entities

Project participant and/or responsible person/ entity	☒ Project participant ☐ Person/entity responsible for completing the MR-FORM
Organization name	Ulan Jinfeng New Energy Photovoltaic Power Generation Co., Ltd.
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Building	
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Website	
Contact person	Wang Hongye
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Salutation	Ms.
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Project participant and/or responsible person/ entity	☒ Project participant ☐ Person/entity responsible for completing the MR-FORM
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