Monitoring report form (Version 03.1)

Monitoring report

Title of the project activity	Everbright Zhenjiang Bundled Solar PV Power Generation Project
Reference number of the project activity	5945
Version number of the monitoring report	02
Completion date of the monitoring report	20/05/2013
Registration date of the project activity	26/03/2012
Monitoring period number and duration of this monitoring period	Monitoring period 01, 01/04/2012-31/03/2013 (both the two days included)
Project participant(s)	Everbright Photovoltaic Energy (Zhenjiang) Limited (Project owner); Innovative Carbon Investment Corporation
Host Party(ies)	P.R.China
Sectoral scope(s) and applied methodology(ies)	Sectoral scope: Scope 1: Energy industries (renewable-/non-renewable sources) Selected methodology(ies): AMS-I.D. “Grid connected renewable electricity generation”(Version 17.0)
Estimated amount of GHG emission reductions or net anthropogenic GHG removals by sinks for this monitoring period in the registered PDD	11,914 tCO_2e
Actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved in this monitoring period	9,970 tCO_2e in this monitoring period, and 7,962 tCO_2e during the period of 01/04/2012-31/12/2012; 2,008 tCO_2e during the period of 01/01/2013-31/03/2013.

SECTION A. Description of project activity

A.1. Purpose and general description of project activity

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Everbright Zhenjiang Bundled Solar PV Power Generation Project (hereinafter referred to as the bundled project) is located at Zhenjiang city, Jiangsu Province, P. R. China. The bundled project is operated by Everbright Photovoltaic Energy (Zhenjiang) Limited.

The bundled project is a grid connected solar photovoltaic (PV) project with a total installed capacity of 13.3MW (3.5MW+9.8MW) and the estimated annual electricity generation will be 14,634MWh. The bundled project includes 2 small-scale PV power generation projects as follows:

Jiangsu Zhenjiang PV Power Plant 3.5MWp Project (hereafter referred to as the Zhenjiang Phase I Project) is estimated to deliver 3,797MWh electricity to East China Power Grid (ECPG) annually with the installed capacity of 3.5MW. And the estimated annual average emission reductions of the project are 3,091 tCO_2e.

Jiangsu Zhenjiang PV Power Plant Phase II 9.8MWp Project (hereafter referred to as the Zhenjiang Phase II Project) is estimated to deliver 10,837MWh electricity to East China Power Grid (ECPG) annually with the installed capacity of 9.8MW. And the estimated annual average emission reductions of the project are 8,823 tCO_2e.

As a result, the electricity generated by the bundled project can displace part of the power from the fossil fuel-fired power plants of ECPG, and the expected annual GHG emission reductions are 11,914 tCO_2e.

Zhenjiang Phase I Project construction began on 11/2010; and the project was commissioned on 23/12/2010. The operation period of the project is 25 years.

Zhenjiang Phase II Project construction began on 10/2011; and the project was commissioned on 22/12/2011. The operation period of the project is 25 years.

The monitoring period is from 01/04/2012 to 31/03/2013, the emission reduction achieved by Zhenjiang Phase I Project is 2,754tCO_2e, the emission reduction achieved by Zhenjiang Phase II Project is 7,216tCO_2e. As a result, the emission reduction achieved of the bundled project is 9,970tCO_2e.

A.2. Location of project activity

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The two small-scale projects are located in Zhenjiang city, Jiangsu Province, P. R. China. Each location of plant is presented as follows:

Name of Project	Lati-tude	Longi-tude
Zhenjiang Phase I Project	32°10'13"~32°10'34"N	119°38'55"~119°39'37"E
Zhenjiang Phase II Project	32°10'17"~32°11'37"N	119°30'22"~119°31'04"E

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 if the Party involved wishes to be considered as project participant (Yes/No)**
P.R.China (host)	Everbright Photovoltaic Energy (Zhenjiang) Limited	No
United Kingdom of Great Britain and Northern Ireland	Innovative Carbon Investment Corporation	No

A.4. Reference of applied methodology

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1. Baseline & Monitoring methodology:

AMS-I.D.: “Grid connected renewable electricity generation” (Version 17.0)

2. Reference:

"Tool to calculate the emission factor for an electricity system" (Version 02.2.0)

More information on the methodology and tools listed above is available at the following website:

http://cdm.unfccc.int/methodologies/PAmethodologies/approved.html

A.5. Crediting period of project activity

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For the bundled project, the renewable crediting period (7 years ×3) years is adopted. The first crediting period is from 01/04/2012 to 31/03/2019, and its length is 7 years.

SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity

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The bundled project was registered on 26/03/2012. The solar cell module, dc-to-ac converter (inverter) and transformer are installed in accordance with the registered PDD. DC electricity energy generated by the Solar cell modules in the sunshine was converted into AC electricity by the dc-to-ac converter (inverter). In the end, the AC electricity was boosted by transformer and delivered to the East China Power Grid.

The key technical specifications of the modules and inverters are listed in the following table.

Table B-1 Technical parameters of of solar modules and inverters

Plant Name		Zhenjiang Phase I Project		Zhenjiang Phase Ⅱ Project			
Solar Cells	Type	DA 100	DA102	TW240(28)P		JKM235P-60	
	Manufa-cturer	DuPont Apollo (Shenzhen) Limited		Tianwei Solution (Beijing) Co., Ltd		Zhejiang Jingke Energy Co.,Ltd	
	Material	amorphous silicon thin film		polycrystalline silicon			
	Peak power	100 W ± 5%	102 W±5%	240 Wp		235 Wp	
	Rated power voltage	74.1~76.96 V	74.26~78.06 V	30.3 V		29.6 V	
	Open circuit voltage	98.5~99.2 V	99.38~100.68 V	37.1 V		36.8 V	
	Rated power current	1.3~1.35 A	1.3~1.37A	7.92 A		7.78 A	
	Short circuit current	1.55~1.66 A	1.55~1.66 A	8.88 A		8.35 A	
	Conversion Efficiency	6.4%	6.5%	14.59%		N/A	
	Number of module	23,600 Pieces	10,776 Pieces	34,625 Pieces[1]		6,340 Pieces	
Inve-rter	Type	SG500-KTL		SG500-KTL	SG630-KTL	Solar Lake 10000TL	Solar Lake 15000TL
	Manufac-turer	Sungrow Power Supply Co., Ltd		Sungrow Power Supply Co., Ltd		Samil New energy Co., Ltd	
	Rated capacity	500 kW		500 kW	630 kW	10 kW	15 kW
	Maximum DC	550 kW		550 kW	700 kW	10.4kW	15.6 kW

[1] According to the footnote 2 of the registered PDD, the solar cells number of 30,417 pieces was only for the already purchased part of the equipments. However, as confirmed by the project owner, 4,208 more pieces of the solar cells with the same technical parameters of TW240(28)P are purchased and installed at the project site. Therefore, the total number of the solar cells with type of TW240(28)P installed by Zhenjiang phase II project is 34,625 pieces, and the total installed capacity is 9.8MW (=240W*34625+235W*6340).

	Power					
	MPPT voltage range	450~820 Vdc	450~820 Vdc	500~820 Vdc	320~800 Vdc	380~800V dc
	Rated output voltage	270 V	270 V	315 V	400V	
	Maximum Input current	1200 A	1200 A	1400 A	16/16, 20/20	
	Number of units	7 units	13 units	1 units	9 units	73 units
	Maximum Efficiency	98.7%	98.7%		98%	

The flow diagram of the bundled project is shown below:

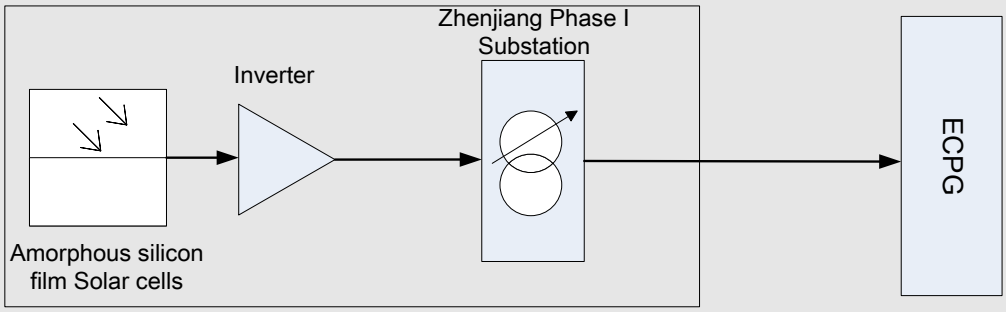

Figure B-1 The flow diagram of Zhenjiang Phase I Project

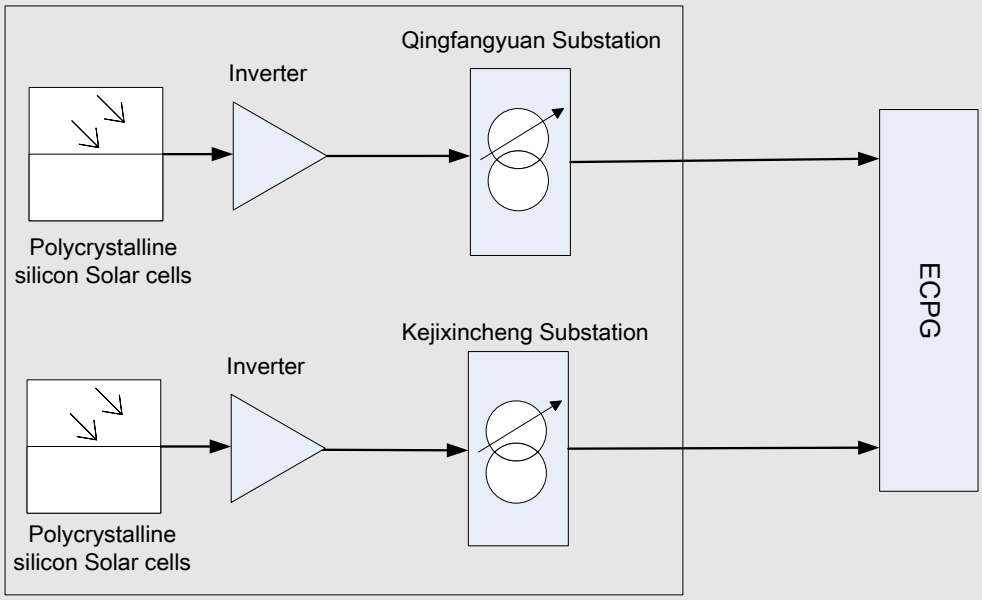

Figure B-2 The flow diagram of Zhenjiang Phase II Project

During this monitoring period, the solar PV power plant has a good running, smooth data transfer and grid connection, and no special events happened.

No events or situations occurred during the monitoring period, which may impact the applicability of the methodology.

B.2. Post registration changes

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

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There is no temporary deviation from registered monitoring plan or applied methodology for this monitoring period.

B.2.2. Corrections

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There is no correction for this monitoring period.

B.2.3. Permanent changes from registered monitoring plan or applied methodology

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There is no permanent change from registered monitoring plan and applied methodology for this monitoring period.

B.2.4. Changes to project design of registered project activity

>>

There is no change to project design of registered project activity.

B.2.5. Changes to start date of crediting period

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Not applicable.

B.2.6. 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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The monitoring system is designed and implemented in accordance with the requirements of AMS-I.D."Grid connected renewable electricity generation" (Version 17.0) and the registered PDD.

1. Monitoring organization

Everbright Photovoltaic Energy (Zhenjiang) Limited has established and maintained the appropriate monitoring and quality control systems, the responsibilities for carrying out these tasks are broadly elaborated in below:

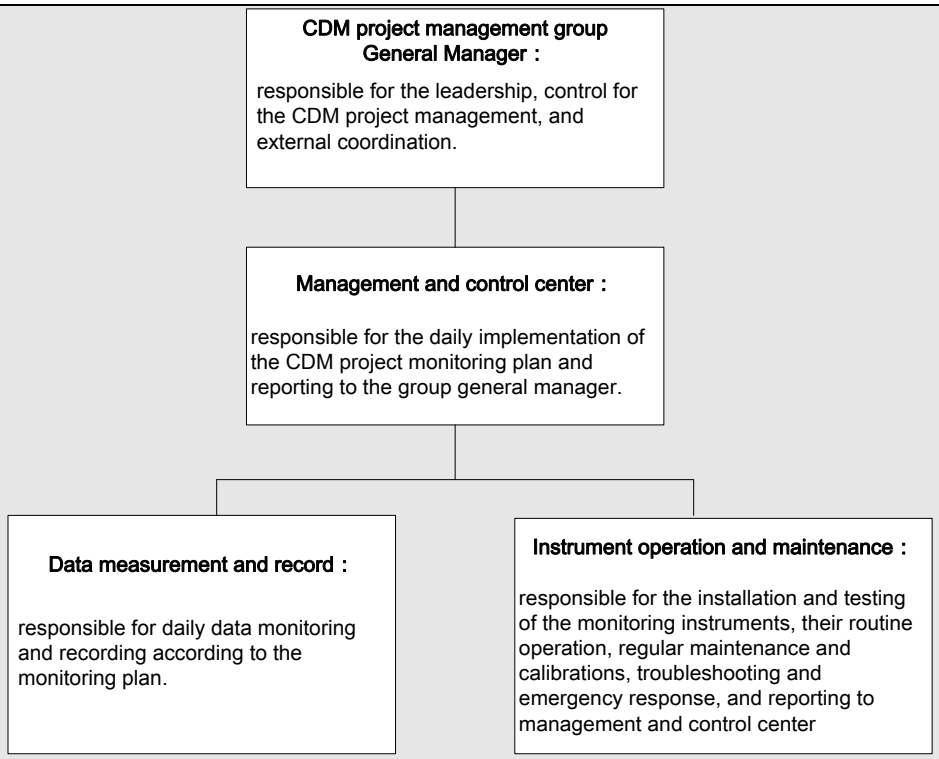

Figure C-1 Structure and function of CDM project management group

All the staffs had obtained the qualification by corresponding training before working during this monitoring period of the bundled project.

2. Installation of meters

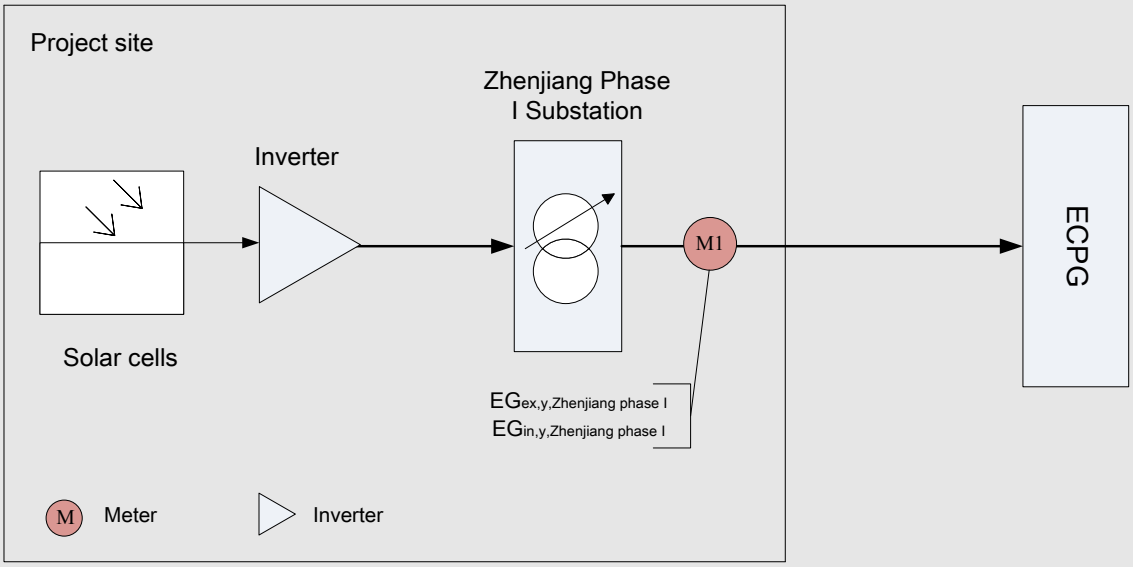

Figure C-2 Monitoring diagram of Zhenjiang Phase I Project

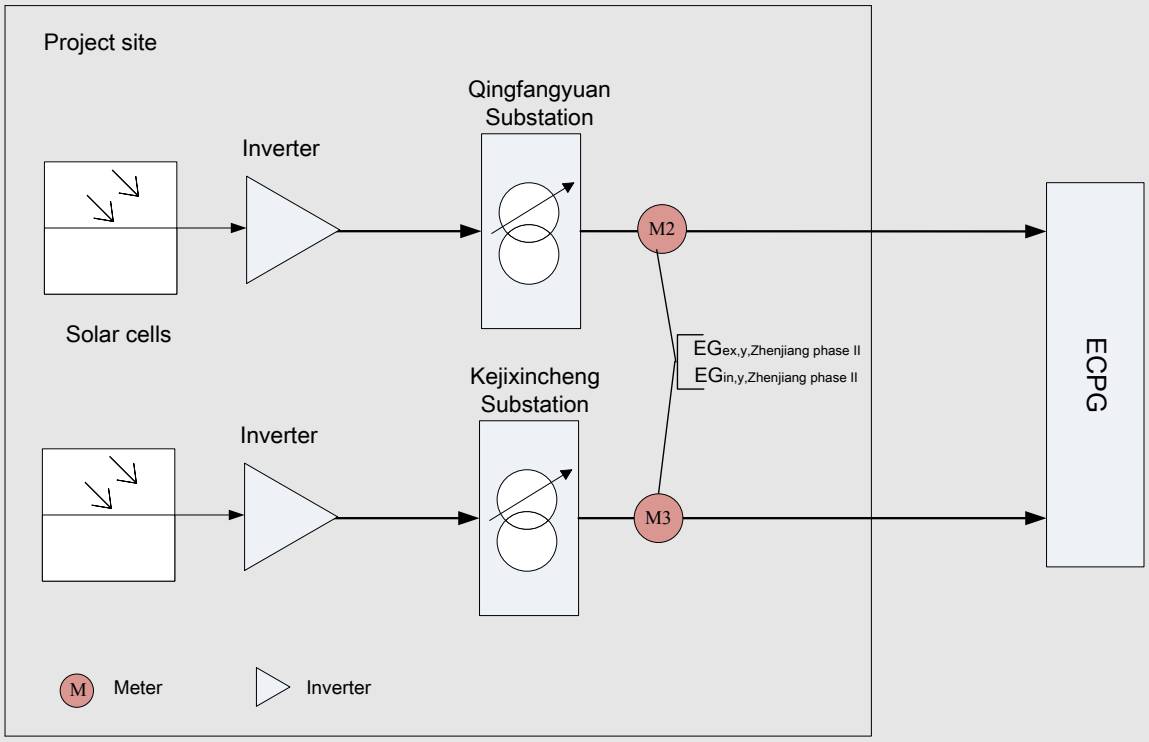

Figure C-3 Monitoring diagram of Zhenjiang Phase II Project

For Zhenjiang Phase I Project, the electricity exported by the project ($EG_{ex,y,Zhenjiang\ Phase\ I}$) and electricity imported from the grid ($EG_{in,y,Zhenjiang\ Phase\ I}$) are measured by the bidirectional electricity meter M1, which is installed at the gate way of the project site. The net electricity used for ERs calculation of Zhenjiang phase I project could be calculated as the difference between $EG_{ex,y,Zhenjiang\ phase\ I}$ and $EG_{in,y,Zhenjiang\ phase\ I}$.

For Zhenjiang Phase II Project, the electricity exported by the project ($EG_{ex,y,Zhenjiang\ Phase\ II}$) and electricity imported from the grid ($EG_{in,y,Zhenjiang\ Phase\ II}$) are measured by the bidirectional electricity meter M2 and M3. The meter M2 is installed at the gate way of Qingfangyuan substation and the meter M3 is installed at the gate way of Kejixincheng substation. The net electricity used for ERs calculation of Zhenjiang phase II project could be calculated as the difference between $EG_{ex,y,Zhenjiang\ phase\ II}$ and $EG_{in,y,Zhenjiang\ phase\ II}$.

3. Data record and management system

The readings of the meters start from the first day of every month and end at 24:00 of the last day of every month are recorded.

Specific staff was appointed to take the overall responsibility for keeping all the data collected as part of monitoring and kept for two years after the end of the last crediting period.

Electronic data, written data and documents, including records for cross-checking of data were regularly copied and kept at least for two years after the end of the last crediting period.

4. Quality assurance and quality control (QA/QC)

The electricity supplied and consumed by the Project shall be cross-checked with records for sold/purchased electricity (e.g. invoices/receipts).

Problem occurred in monitoring and measurement process will be recorded and reported to the Group General Manager.

Should the reading of the main meter be inaccurate by more than the allowable error, or otherwise functioned improperly, the net generation output shall be determined as follows:

a) The value of receipt or invoice will be adopted; or

b) The project owner and the grid company jointly prepare a reasonable and conservative estimate of the

correct reading based on the plant consumption rate, and provide sufficient evidence that this estimation is reasonable and conservative when DOE undertakes verification.

There is no inaccuracy of the meters occurred in this monitoring period.

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:	$EF_{CO2,grid,y}$
Unit:	tCO_2e/MWh
Description:	CO_2 Emission factor of the grid
Source of data:	Calculated base on Chinese DNA's publication
Value(s) applied):	0.81415
Purpose of data:	Calculation of baseline emissions
Additional comment:	It is fixed during the first crediting period and should be updated in the second crediting period.

D.2. Data and parameters monitored

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

Data / Parameter:	$EG_{facility,y,Zhenjiang\ phase\ I}$
Unit:	MWh
Description:	Quantity of net electricity supplied to the grid by Zhenjiang phase I project in year y
Measured/ Calculated / Default:	Calculated
Source of data:	Calculated based on the measured parameters of $EG_{ex,y,Zhenjiang\ phase\ I}$ and $EG_{in,y,Zhenjiang\ phase\ I}$
Value(s) of monitored parameter:	3,383.592
Monitoring equipment:	N/A
Measuring/ Reading/ Recording frequency:	N/A
Calculation method (if applicable):	The parameter will be calculated based on the following measured parameters of $EG_{ex,y,Zhenjiang\ phase\ I}$ and $EG_{in,y,Zhenjiang\ phase\ I}$, i.e. $EG_{facility,y,Zhenjiang\ phase\ I} = (EG_{ex,y,Zhenjiang\ phase\ I} - EG_{in,y,Zhenjiang\ phase\ I})$
QA/QC procedures:	Measurement results shall be cross checked with records for sold/purchased electricity (e.g. invoices/receipts).
Purpose of data:	Calculation of baseline emissions
Additional comment:	-

Data / Parameter:	$EG_{ex,y,Zhenjiang\ phase\ I}$
Unit:	MWh
Description:	Electricity supplied to the grid by Zhenjiang phase I project in year y
Measured/ Calculated /	Measured

Default:	
Source of data:	Measured by electricity meter
Value(s) of monitored parameter:	3,435.064
Monitoring equipment:	**Meter M1**: Electricity meter; Type: DSSD331; Accuracy class: 0.5S; Serial number: 20080515040016; Calibration frequency: Annually; Calibration validity: Calibrated on 15/03/2012 valid to 14/03/2013; Calibrated on 13/03/2013 valid to 12/03/2014.
Measuring/ Reading/ Recording frequency:	Continuously measured and monthly recorded respectively.
Calculation method (if applicable):	N/A
QA/QC procedures:	The electricity meter M1 is calibrated annually according to the related national standard. Cross check measurement results with records for sold electricity.
Purpose of data:	Calculation of baseline emissions
Additional comment:	-

Data / Parameter:	$EG_{in,y,Zhenjiang\ phase\ I}$
Unit:	MWh
Description:	Electricity consumed by Zhenjiang phase I project importing from the grid in year y
Measured/ Calculated / Default:	Measured
Source of data:	Measured by electricity meter
Value(s) of monitored parameter:	51.472
Monitoring equipment:	**Meter M1**: Electricity meter; Type: DSSD331; Accuracy class: 0.5S; Serial number: 20080515040016; Calibration frequency: Annually; Calibration validity: Calibrated on 15/03/2012 valid to 14/03/2013; Calibrated on 13/03/2013 valid to 12/03/2014.
Measuring/ Reading/ Recording frequency:	Continuously measured and monthly recorded respectively.
Calculation method (if applicable):	N/A

QA/QC procedures:	The electricity meter M1 is calibrated annually according to the related national standard. Cross check measurement results with records for purchased electricity.
Purpose of data:	Calculation of baseline emissions
Additional comment:	-

Data / Parameter:	$EG_{facility,y,Zhenjiang\ phase\ II}$
Unit:	MWh
Description:	Quantity of net electricity supplied to the grid by Zhenjiang phase II project in year y
Measured/ Calculated / Default:	Calculated
Source of data:	Calculated based on the measured parameters of $EG_{ex,y,Zhenjiang\ phase\ II}$ and $EG_{in,y,Zhenjiang\ phase\ II}$
Value(s) of monitored parameter:	8,863.029
Monitoring equipment:	N/A
Measuring/ Reading/ Recording frequency:	N/A
Calculation method (if applicable):	The parameter will be calculated based on the following measured parameters of $EG_{ex,y,Zhenjiang\ phase\ II}$ and $EG_{in,y,Zhenjiang\ phase\ II}$, i.e. $EG_{facility,y,Zhenjiang\ phase\ II} = (EG_{ex,y,Zhenjiang\ phase\ II} - EG_{in,y,Zhenjiang\ phase\ II})$
QA/QC procedures:	Measurement results shall be cross checked with records for sold/purchased electricity (e.g. invoices/receipts).
Purpose of data:	Calculation of baseline emissions
Additional comment:	-

Data / Parameter:	$EG_{ex,y,Zhenjiang\ phase\ II}$	
Unit:	MWh	
Description:	Electricity supplied to the grid by Zhenjiang phase II project in year y	
Measured/ Calculated / Default:	Measured	
Source of data:	Measured by electricity meter, and calculated as the sum of the measurement results of electricity meter M2 and M3	
Value(s) of monitored parameter:	8,960.450	
Monitoring equipment:	**Meter M2**	Electricity meter
	Type	DSSD331
	Accuracy class	0.5S
	Serial number	20080515050060
	Calibration frequency	Annually
	Calibration validity	Calibrated on 15/03/2012 valid to 14/03/2013;

	Calibrated on 13/03/2013 valid to 12/03/2014.

Meter M3	Electricity meter
Type	DSSD331
Accuracy class	0.5S
Serial number	20080515040158
Calibration frequency	Annually
Calibration validity	Calibrated on 15/03/2012 valid to 14/03/2013; Calibrated on 13/03/2013 valid to 12/03/2014.

Measuring/ Reading/ Recording frequency:	Continuously measured and monthly recorded respectively.
Calculation method (if applicable):	N/A
QA/QC procedures:	The electricity meter M2 and M3 are calibrated annually according to the related national standard. Cross check measurement results with records for sold electricity.
Purpose of data:	Calculation of baseline emissions
Additional comment:	-

Data / Parameter:	$EG_{in,y,Zhenjiang\ phase\ II}$
Unit:	MWh
Description:	Electricity consumed by Zhenjiang phase II project importing from the grid in year y
Measured/ Calculated / Default:	Measured
Source of data:	Measured by electricity meter, and calculated as the sum of the measurement results of electricity meter M2 and M3
Value(s) of monitored parameter:	97.421
Monitoring equipment:	

Meter M2	Electricity meter
Type	DSSD331
Accuracy class	0.5S
Serial number	20080515050060
Calibration frequency	Annually
Calibration validity	Calibrated on 15/03/2012 valid to 14/03/2013; Calibrated on 13/03/2013 valid to 12/03/2014.

Meter M3	Electricity meter
Type	DSSD331
Accuracy class	0.5S
Serial number	20080515040158
Calibration frequency	Annually
Calibration validity	Calibrated on 15/03/2012

		valid to 14/03/2013; Calibrated on 13/03/2013 valid to 12/03/2014.
Measuring/ Reading/ Recording frequency:	Continuously measured and monthly recorded respectively.	
Calculation method (if applicable):	N/A	
QA/QC procedures:	The electricity meter M2 and M3 are calibrated annually according to the related national standard. Cross check measurement results with records for sold electricity.	
Purpose of data:	Calculation of baseline emissions	
Additional comment:	-	

D.3. Implementation of sampling plan

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N/A

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 calculated as follows:

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

Where:

BE_y	=	Baseline emissions in year y (tCO_2)
$EG_{BL,y}$	=	Quantity of net electricity supplied to the grid as a result of the implementation of the CDM project activity in year y (MWh);
$EF_{CO2,grid,y}$	=	CO_2 Emission Factor of the grid in year y (tCO_2e/MWh).

$$EG_{BL,y} = EG_{facility,y,ZhenjiangphaseI} + EG_{facility,y,ZhenjiangphaseII}$$
$$= \left(EG_{ex,y,Zhenjiang\ phase\ I} - EG_{in,y,Zhenjiang\ phase\ I}\right) + \left(EG_{ex,y,Zhenjiang\ phase\ II} - EG_{in,y,Zhenjiang\ phase\ II}\right) \quad (2)$$

Where:

$EG_{facility,y,Zhenjiang\ phase\ I}$	=	Quantity of net electricity supplied to the grid by Zhenjiang Phase I Project in year *y* (MWh);
$EG_{facility,y,Zhenjiang\ phase\ II}$	=	Quantity of net electricity supplied to the grid by Zhenjiang Phase II Project in year *y* (MWh);
$EG_{ex,y,Zhenjiang\ phase\ I}$	=	Electricity supplied to the grid by Zhenjiang phase I project in year *y* (MWh);
$EG_{in,y,Zhenjiang\ phase\ I}$	=	Electricity consumed by Zhenjiang phase I project importing from the grid in year *y* (MWh);
$EG_{ex,y,Zhenjiang\ phase\ II}$	=	Electricity supplied to the grid by Zhenjiang phase II project in year *y* (MWh);
$EG_{in,y,Zhenjiang\ phase\ II}$	=	Electricity consumed by Zhenjiang phase II project importing from the grid in

year *y* (MWh).

The monthly electricity data of Zhenjiang phase I project are listed in Table E-1 as following:

Table E-1 Net electricity supplied by Zhenjiang phase I Project

Period	$EG_{ex,y,Zhenjiang\ phase\ I}$ (MWh)	$EG_{in,y,Zhenjiang\ phase\ I}$ (MWh)	$EG_{facility,y,Zhenjiang\ phase\ I}$ (MWh)
01/04/2012-30/04/2012	351.600	3.748	347.852
01/05/2012-31/05/2012	367.400	3.612	363.788
01/06/2012-30/06/2012	254.240	3.448	250.792
01/07/2012-31/07/2012	371.560	4.044	367.516
01/08/2012-31/08/2012	349.900	4.076	345.824
01/09/2012-30/09/2012	345.072	3.900	341.172
01/10/2012-31/10/2012	305.412	4.392	301.020
01/11/2012-30/11/2012	242.120	4.940	237.180
01/12/2012-31/12/2012	171.200	5.504	165.696
01/01/2013-31/01/2013	197.120	5.280	191.840
01/02/2013-28/02/2013	180.520	4.428	176.092
01/03/2013-31/03/2013	298.920	4.100	294.820
Total	3,435.064	51.472	3,383.592

The monthly electricity data of Zhenjiang phase II project are listed in Table E-2 as following:

Table E-2 Net electricity supplied by Zhenjiang phase II Project

Period	$EG_{ex,y,Zhenjiang\ phase\ II}$ (MWh)	$EG_{in,y,Zhenjiang\ phase\ II}$ (MWh)	$EG_{facility,y,Zhenjiang\ phase\ II}$ (MWh)
01/04/2012-30/04/2012	993.309	7.216	986.093
01/05/2012-31/05/2012	1,036.899	7.066	1,029.833
01/06/2012-30/06/2012	712.191	6.754	705.437
01/07/2012-31/07/2012	995.311	7.556	987.755
01/08/2012-31/08/2012	855.023	7.679	847.344
01/09/2012-30/09/2012	835.351	8.137	827.214
01/10/2012-31/10/2012	715.510	8.696	706.814
01/11/2012-30/11/2012	570.951	8.594	562.357
01/12/2012-31/12/2012	415.650	9.781	405.869
01/01/2013-31/01/2013	513.999	9.302	504.697
01/02/2013-28/02/2013	461.008	8.427	452.581
01/03/2013-31/03/2013	855.248	8.213	847.035
Total	8,960.450	97.421	8,863.029

The baseline emissions of the bundled project are listed in Table E-3 as following:

Table E-3 Baseline emission of the bundled project

Period	$EG_{BL,y}$ (MWh)	$EF_{CO2,grid,y}$ (tCO_2e/MWh)	BE_y (tCO_2e)
01/04/2012-30/04/2012	1,333.945	0.81415	1,086.031
01/05/2012-31/05/2012	1,393.621	0.81415	1,134.617
01/06/2012-30/06/2012	956.229	0.81415	778.514
01/07/2012-31/07/2012	1,355.271	0.81415	1,103.394
01/08/2012-31/08/2012	1,193.168	0.81415	971.418
01/09/2012-30/09/2012	1,168.386	0.81415	951.241

01/10/2012-31/10/2012	1,007.834	0.81415	820.528
01/11/2012-30/11/2012	799.537	0.81415	650.943
01/12/2012-31/12/2012	571.565	0.81415	465.340
01/01/2013-31/01/2013	696.537	0.81415	567.086
01/02/2013-28/02/2013	628.673	0.81415	511.834
01/03/2013-31/03/2013	1,141.855	0.81415	929.641
Total	12,246.621	0.81415	9,970

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

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According to AMS-I.D. (version 17.0) and the registered PDD, the project emission of the bundled project is zero.

E.3. Calculation of leakage

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According to AMS-I.D. (Version 17.0), no leakage is need to be considered.

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

Item	Baseline emissions or baseline net GHG removals by sinks (t CO_2e)	Project emissions or actual net GHG removals by sinks (t CO_2e)	Leakage (t CO_2e)	Emission reductions or net anthropogenic GHG removals by sinks (t CO_2e)
Total	9,970	0	0	9,970

E.5. Comparison of actual emission reductions or net anthropogenic 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_2e)	11,914	9,970

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

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For Zhenjiang Phase I Project, the actual emission reductions achieved is 2,754tCO_2e in this monitoring period, which is lower than the estimated emission reductions of 3,091tCO_2e in the registered PDD.

For Zhenjiang Phase II Project, the actual emission reductions achieved is 7,216tCO_2e in this monitoring period, which is lower than the estimated emission reductions of 8,823tCO_2e in the registered PDD.

As the actual emission reductions achieved by the bundled project during this monitoring period are lower than the estimated emission reductions in the registered PDD, this section is skipped.

E.7. Actual emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Item	Actual values achieved up to 31 December 2012	Actual values achieved from 1 January 2013 onwards
Emission reductions or GHG removals by sinks (t CO_2e)	7,962	2,008

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Document information

Version	*Date*	*Description*
03.1	2 January 2013	Editorial revision to correct table in section E.5.
03.0	3 December 2012	Revision required to introduce a provision on reporting actual emission reductions or net anthropogenic GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB70, Annex 11).
02.0	13 March 2012	Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20).
01	28 May 2010	EB 54, Annex 34. Initial adoption.

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