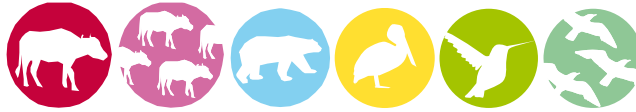


## ANNEX R – PASSPORT TEMPLATE

### CONTENTS



- A. Project title**
  - B. Project description**
  - C. Proof of project eligibility**
  - D. Unique Project Identification**
  - E. Outcome stakeholder consultation process**
  - F. Outcome sustainability assessment**
  - G. Sustainability monitoring plan**
  - H. Additionality and conservativeness deviations**
- Annex 1 ODA declarations**

## SECTION A. Project Title

### [See Toolkit 1.6]

Title: Everbright Zhenjiang Bundled Solar PV Power Generation Project

Date: 27/08/2013

Version no.: 2.0

## SECTION B. Project description

### [See Toolkit 1.6]

Everbright Zhenjiang Bundled Solar PV Power Generation Project (hereafter referred to as the proposed bundled project) is a grid connected bundled solar photovoltaic (PV) project. The total installed capacity is about 13.3MW (3.5MW+9.8MW) and the proposed bundled project will provide 14,634MWh electricity to the East China Power Grid (ECPG) every year. The proposed 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) will deliver 3,797MWh electricity to East China Power Grid (ECPG) annually with the installed capacity of 3.5MW. The estimated annual average emission reductions of the project are 3,001 tCO<sub>2</sub>e.
- Jiangsu Zhenjiang PV Power Plant Phase II 9.8MWp Project (hereafter referred to as the Zhenjiang Phase II Project) will deliver 10,837MWh electricity to East China Power Grid (ECPG) annually with the installed capacity of 9.8MW. The estimated annual average emission reductions of the project are 8,566 tCO<sub>2</sub>e.

Prior to the implementation of the proposed bundled project, the equivalent electricity supplied by the proposed bundled project was sourced from ECPG, which is the same as the baseline scenario. The electricity generated by the proposed 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 11,567tCO<sub>2</sub>e.

The start date of the Zhenjiang Phase I Project is 10/11/2010, when the engineering project contract was signed. The start date of the Zhenjiang Phase II Project is 05/08/2011, when the solar cell procurement contract was signed.

Zhenjiang Phase I Project was commissioned on 23/12/2010. Zhenjiang Phase II Project was commissioned on 22/12/2011.

And the proposed bundled project has been registered as CDM project on 26/03/2012 with the registry number 5945.

The proposed bundled project contributes to sustainable development in the following ways:

- The proposed bundled project can diversify sources of electric generation.






- The proposed bundled project will supply the local area with the available electric power and contribute to national energy supply.
- Improvement of local air environment quality by reducing GHG and air pollutants (e.g. SO<sub>2</sub>, NO<sub>x</sub> and particulates) emissions from the combustion of fossil fuels that will be replaced by the solar PV power plant which is clean and renewable energy source.
- The proposed bundled project will create job opportunities directly and indirectly through construction and operation of the plant.


**SECTION C. Proof of project eligibility**









**C.1. Scale of the Project**

[See Toolkit 1.2.a]

Please tick where applicable:

Project Type	Large	Small
	<input type="checkbox"/>	×
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

	<input type="checkbox"/>
---	--------------------------

Validators/ Verifiers	Gold Standard Secretariat and Technical Advisory Committee	Project participants			
		Type	Scale		
DOE/AIE			Large/ Small*	Micro**	Programme of Activities
		CDM		-	
		Ji		-	-
		VER			

### C.2. Host Country

[See Toolkit 1.2.b]

People's Republic of China

### C.3. Project Type

[See Toolkit 1.2.c and Annex C]

Please tick where applicable:

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	×	<input type="checkbox"/>

Does your project activity classify as an End-use Energy Efficiency Improvement project?	<input type="checkbox"/>	×
Does your project activity classify as waste handling and disposal project?	<input type="checkbox"/>	×

*Please justify the eligibility of your project activity:*

The proposed bundled project will, according to Gold Standard definitions, generate credible greenhouse gas emission reductions, show environmental integrity and contribute to local sustainable development.

The proposed bundled project is eligible as the small scale CER project because it fulfills the following conditions required:

**Scale of project:** The proposed bundled project is a grid connected bundled solar photovoltaic (PV) project with a capacity of 13.3 MW thus it can be classified as Gold Standard small scale project (see PDD).

**Host country:** Host country of the proposed bundled project is China which has ratified the Kyoto Protocol as a non-Annex I country.

**Type of project:** The proposed bundled project belongs to the category “renewable energy supply” defined as the generation and delivery of energy services (e.g. electricity) from non-fossil and non-depletable energy sources.

**Greenhouse gases:** The proposed bundled project is replacing electricity generated from the fossil fuel dominated grid, so it reduces carbon dioxide that would have been emitted by grid connected coal fire power station. Carbon dioxide is one of the three greenhouse gases eligible under the Gold Standard.

**Official development assistance:** The proposed bundled project is not receiving any ODA.

**Other certification schemes:** The proposed bundled project is not claiming any white or green certificates or equivalents and will not be registered under any other voluntary carbon credit scheme.

<b>Pre Announcement</b>	<b>Yes</b>	<b>No</b>
Was your project previously announced?	<input type="checkbox"/>	×
There has been no pre-announcement statement regarding the execution of the proposed bundled project without the inclusion of carbon revenues. CDM funds were a key element in the finance		

structure of the project activity. The incentive from CDM was seriously considered prior to the start of the project activity. The proposed bundled project would not have happened without CDM. In addition, the project activity has already been registered as a CDM project by the Executive Board of the UNFCCC. The registry date is 26/03/2012, registry number is 5945, the link URL is: <http://cdm.unfccc.int/Projects/DB/RWTUV1332758044.77/view>

#### C.4. Greenhouse gas

[See Toolkit 1.2.d]

Greenhouse Gas	
Carbon dioxide	x
Methane	<input type="checkbox"/>
Nitrous oxide	<input type="checkbox"/>

#### C.5. Project Registration Type

[See Toolkit 1.2.f]

Project Registration Type	
Regular	<input type="checkbox"/>

Pre-feasibility assessment	Retroactive projects (T.2.5.1)	Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
----------------------------	-----------------------------------	---	--------------------------------

	x	<input type="checkbox"/>	<input type="checkbox"/>
--	---	--------------------------	--------------------------

**If Retroactive, please indicate Start Date of project activity:**

Zhenjiang Phase I Project: 10/11/2010

Zhenjiang Phase II Project: 05/08/2011

**SECTION D. Unique project identification**

**D.1. GPS-coordinates of project location**

[See Toolkit 1.6]

**Zhenjiang Phase I Project**

	<b>Coordinates</b>
<b>Latitude</b>	32°10'13"~32°10'34"N
<b>Longitude</b>	119°38'55"~119°39'37"E

**Zhenjiang Phase II Project**

	<b>Coordinates</b>
<b>Latitude</b>	32°10'17"~32°11'37"N
<b>Longitude</b>	119°30'22"~119°31'04"E

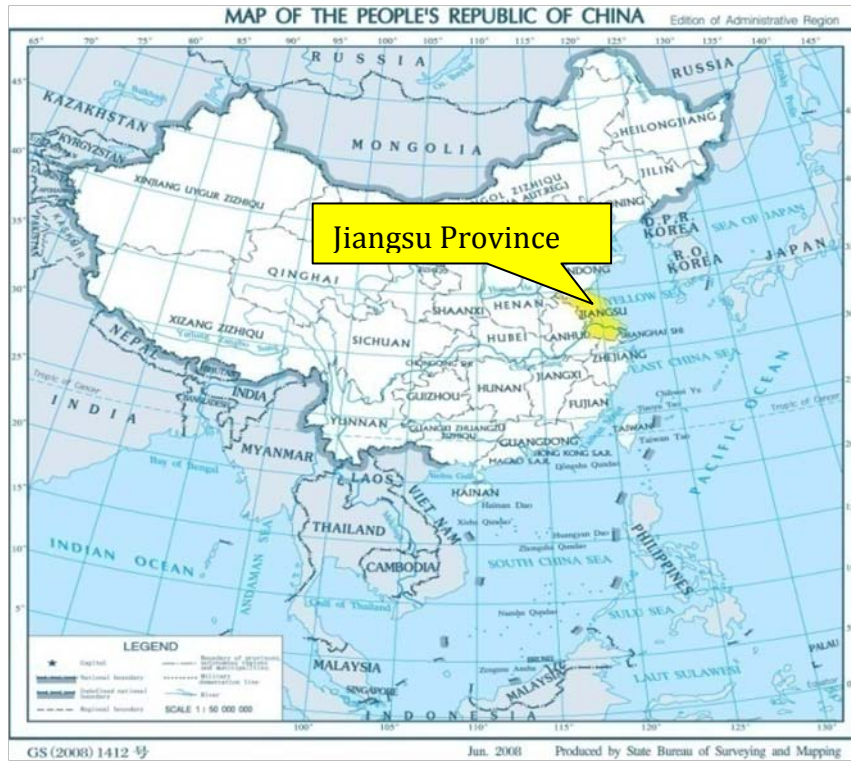


*Explain given coordinates*

The given coordinates belong to the solar cell modules locations of the power plants.

**D.2. Map**

[See Toolkit 1.6]



**Figure D-1 Location of Jiangsu Province**



**Figure D-2 Location of Zhenjiang City**



**Figure D-3 Location of the proposed bundled project**

## SECTION E. Outcome stakeholder consultation process

### E.1. Assessment of stakeholder comments

As the proposed bundled project is a retroactive project, no local stakeholder consultation had been organized subjected to the Gold Standard requirement until the date of application to Gold Standard.

However, in order to get the opinions about the proposed bundled project applying for CDM from the stakeholders, the project owner has carried out a survey on the local residents by sending out questionnaires and comments received from the survey are summarized as follows.

#### Zhenjiang Phase I Project

In Oct. 2010, the project owner of Zhenjiang Phase I Project collected comments from the stakeholders by sending out 30 copies of questionnaire. In total 28 out of 30 questionnaires were returned with a 93.33% response rate. The basic structure of the respondents is illustrated in Table E-1.

The basic structure of the respondents is illustrated in Table E-1.

**Table E-1 Statistics on the basic conditions of people surveyed in Zhenjiang Phase I Project**

	Range	Population	Ratio		Range	Population	Ratio
Age	Below 30	4	14.29%	Sex	Male	25	89.29%
	30-40	0	0%				
	41-50	6	21.43%		Female	3	10.71%
	Above 50	18	64.28%				
Occupation	Worker	8	28.57%	Education	Primary school	7	25%
	Farmer	9	32.14%		Junior School	10	35.71%
	Manager	1	3.57%		Senior school	5	17.86%
	Others	10	35.72%		Colleague	1	3.57%
					University	5	17.71%

As shown in Table E-1, people surveyed are representative of the public in terms of occupation and educational levels. Therefore their attitudes towards the Project can be a comprehensive reflection of the attitudes of the local residents possibly affected by the Project. Among the 28 responses to the questionnaire:

28 people surveyed (accounting for 100%) hold a supportive attitude towards the project, which was considered to reduce environmental pollution (89%), improve economy (100%), provide employment opportunity (100%).

As the suggestion towards the project, People surveyed supposed it is necessary to construct the project.

The survey shows that all of the residents at the Project site consider that construction of the Project will benefit the local economic development.

### Zhenjiang Phase II Project

In Aug. 2011, the project owner of Zhenjiang project collected comments from the stakeholders by sending out 30 copies of questionnaire. During the investigation, the 30 copies of the questionnaire distributed all were received. The basic structure of the respondents is illustrated in Table E-2.

**Table E-2 Statistics on the basic conditions of people surveyed in Zhenjiang Phase II Project**

	Range	Population	Ratio		Range	Population	Ratio
Age	Below 30	10	33.33%	Sex	Male	22	83.33%
	30-40	5	16.67%		Female	8	16.67%
	41-50	7	23.33%				
	Above 50	8	26.67%				
Occupation	Worker	11	36.67%	Education	Primary school	9	30%
	Farmer	8	26.67%		Junior School	10	33.33%
	Manager	4	13.33%		Senior school	5	16.67%
	Others	7	23.33%		Colleague	2	6.67%
					University	4	13.34%

As shown in Table E-2, people surveyed are representative of the public in terms of occupation and

educational levels. Therefore their attitudes towards the Project can be a comprehensive reflection of the attitudes of the local residents possibly affected by the Project. Among the 30 responses to the questionnaire:

29 people surveyed (accounting for 97%) hold a supportive attitude towards the project, which was considered to reduce environmental pollution (83%), improve economy (83%), provide employment opportunity (90%).

As the suggestion towards the project, People surveyed supposed it is necessary to construct the project.

The survey shows that all of the residents at the Project site consider that construction of the Project will benefit the local economic development.

No negative impacts were identified in the public consultation processes of the two projects. The majority of the respondents expressed strong support for the implementation of the proposed bundled project.

## E.2. Stakeholder Feedback Round

Since the proposed bundled project is a Retroactive GS Project, after the pre-feasibility assessment and in order to comply with the requirements of Gold Standard, the project developer conducted a stakeholder consultation meeting on 14:00, 24 April 2013 at the Meeting Room of Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province, China.

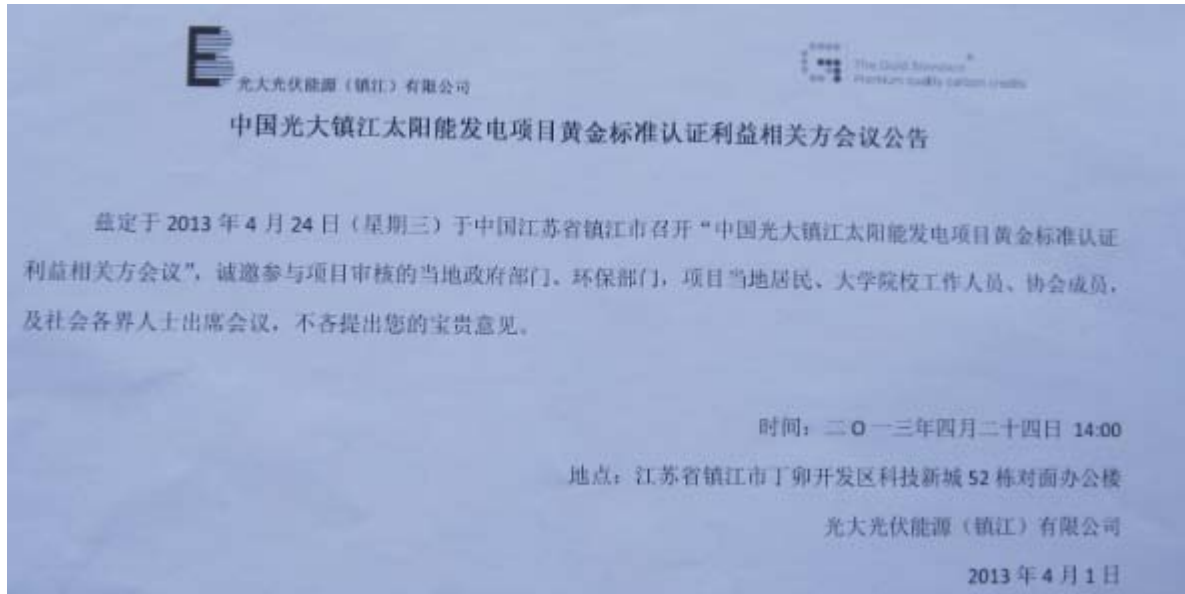
The public invitation was send out via public notices on 01/04/2013. The detail invitation information is like below:

***Notice on the Stakeholder Consultation Meeting of Everbright Zhenjiang Bundled Solar PV Power Generation Project, Jiangsu province, China***

*The Stakeholder Consultation Meeting of Everbright Zhenjiang Bundled Solar PV Power Generation Project, Jiangsu province, China will be hold 14:00, 24 April 2013 at the Meeting Room of Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province, China. We sincerely invite the local resident, school teacher, scholar and any other local people (including local government staffs) to attend the meeting and to make your opinions and suggestions.*

***Time and Date: 14:00, 24 April 2013***

***Place: Meeting Room of Technology new town  
Everbright Photovoltaic Energy(Zhenjiang) Limited  
1 April 2013***



The Project owner has also invited Ms. Sun Cuihua, officer of National Development and Reform Commission, Mr. Zhang Jiancheng, commissioner of Zhenjiang City Development and Reform Commission, Mr. Zhao Yuanzhou, vice-director of Zhenjiang City Environmental Protection Agency, and Mr. Zhou Liyong, teacher of Party School of CPC Zhenjiang City Committee as the local NGO, to attend the stakeholder feedback consultation meeting via email on 10/04/2013:

*Dear all,*

*Greetings! I kindly represent the Everbright Photovoltaic Energy (Zhenjiang) Limited to invite you to attend the Stakeholder Consultation Meeting of Everbright Zhenjiang Bundled Solar PV Power Generation Project 's Gold Standard retroactive registration process. I'll be very glad to receive any suggestions or supports on this project from you.*

*Please find the detail information followed below:*

*Time: 14:00, 24 April 2013*

*Place: Meeting Room of Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province, China.*

*PS: The non-technical summary of the project was attached in this email.*

*Best Regards!*

*Everbright Photovoltaic Energy(Zhenjiang) Limited*

您好，

我代表光大光伏能源（镇江）有限公司诚邀您参加定于 2013 年 4 月 24 日于中国江苏省镇江市召开“中国光大镇江太阳能发电项目黄金标准认证利益相关方会议”，请不吝提出您的宝贵意见。

会议相关信息如下：

时间：二〇一三年四月二十四日 14:00。

地点：江苏省镇江市丁卯开发区科技新城 52 栋对面办公楼。

另附上项目非技术概要文件，请参考。

祝好，

光大光伏能源（镇江）有限公司

All of them but Cuihua Sun have attended this Stakeholder feedback round meeting. None of them has raised any comments on the Zhenjiang Phase I Project and Zhenjiang Phase II Project during the meeting.

WWF, Greenpeace, HELIO, REEEP, Mercy corps were invited as NGOs and Annyta Luo of Gold Standard was invited as Local GS Expert to attend the stakeholder feedback consultation meeting. The text below is the individual invitation sent via Email on 09/04/2013:

*Dear Sir/Madam,*

*Greetings! I kindly represent the Project representative of Everbright Zhenjiang Bundled Solar PV Power Generation Project (GS1747), China, to invite you as a NGO Organization to attend the Stakeholder Feedback Round Consultation Meeting of the bundled project's Gold Standard Retroactive registration process at Zhenjiang City, Jiangsu Province, China. The PDD, the GS Passport and the non-technical summary was attached in this email and I'll be very glad to receive any suggestions or supports on this project from you.*

*Please find the detail information followed below:*

*14:00pm, 24 April 2013, at Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province, China.*

*If you have any questions, please don't hesitate to contact me. With many thanks.*

*Best Regards!*

*Alice Yang*

The Email has been sent to the address below: [Bella.Roscher@wwf.org](mailto:Bella.Roscher@wwf.org)(WWF), [supporter.services.int@greenpeace.org](mailto:supporter.services.int@greenpeace.org)(GREENPEACE), [helio@helio-international.org](mailto:helio@helio-international.org)(HELIO), [jjarvie@mercycorps.org](mailto:jjarvie@mercycorps.org) (Mercy corps), [katrin.harvey@reeep.org](mailto:katrin.harvey@reeep.org)(REEEP), [annyta@cdmgoldstandard.org](mailto:annyta@cdmgoldstandard.org) (Ms. Annyta Luo, GOLDSTANDARD).

None of them attend this Stakeholder feedback round meeting.

Before the meeting, the GS passport and PDD of the proposed bundled project have been made public for comments on 17/04/2013.

The Stakeholder Feedback Requesting Email has been sent to Ms. Sun Cuihua, officer of National Development and Reform Commission, Mr. Zhang Jiancheng, commissioner of Zhenjiang City Development and Reform Commission, Mr. Zhao Yuanzhou, vice-director of Zhenjiang City Environmental Protection Agency, and Mr. Zhou Liyong, teacher of Party School of CPC Zhenjiang City Committee as the local NGO on 17/04/2013. The text of the Email is as follows:

Dear Sir/Madam,

Your opinion is being sought with regards to the construction and operation of the **Everbright Zhenjiang Bundled Solar PV Power Generation Project** (Project ID Number GS1747) by Everbright Photovoltaic Energy (Zhenjiang) Limited.

Project information and project documentation including the project design document (PDD) and GS passport are available in the Gold Standard Registry (link below):

[https://products.markit.com/br-reg/public/project.jsp?project\\_id=103000000003152](https://products.markit.com/br-reg/public/project.jsp?project_id=103000000003152)

Please note that you can send your comments on the project directly to the email address [alice.yang@mailici.com](mailto:alice.yang@mailici.com) until the 17th of June 2013. Many thanks.

PS: The non-technical summary of the project was attached in this email.

Best regards,  
Alice Yang



发件人: alice.yang [alice.yang@mailici.com] 发送时间: 2013-4-17 (星期三) 03:21 下午  
收件人: '15358595568@189.cn'; 'zhizhao@163.com'; 'ZLY6283411@sina.com'; (sunch@cccchina.gov.cn)  
抄送: suna@ebchinaintl.com.cn  
主题: 利益相关方意见征询

附件: 非技术概要\_zhenjiang.docx (17 KB)

您好,

我代表光大光伏能源(镇江)有限公司,诚邀您对光大镇江太阳能项目(项目ID:GS1747)进行评价,项目信息和文件已经公示在以下网址上:  
[https://products.markit.com/br-reg/public/project.jsp?project\\_id=103000000003152](https://products.markit.com/br-reg/public/project.jsp?project_id=103000000003152)

如有任何疑问或意见,请在2013年6月17日前发送至邮箱:[alice.yang@mailici.com](mailto:alice.yang@mailici.com),谢谢。

另附上项目非技术概要。

祝好,

杨瑾

Innovative Carbon Investment

Yuelu District, Changsha city,  
Hunan province, 410013, China  
Tel: +86 (0)731-8285-9978  
Fax: +86 (0)731-8285-9978  
Mobile: 15874173822  
Email: [alice.yang@mailici.com](mailto:alice.yang@mailici.com)

The Stakeholder Feedback Requesting Email has been sent to the address below: [Bella.Roscher@wwf.org](mailto:Bella.Roscher@wwf.org)(WWF), [supporter.services.int@greenpeace.org](mailto:supporter.services.int@greenpeace.org)(GREENPEACE), [helio@helio-international.org](mailto:helio@helio-international.org)(HELIO), [jjarvie@mercycorps.org](mailto:jjarvie@mercycorps.org) (Mercy

corps), [katrin.harvey@reeep.org](mailto:katrin.harvey@reeep.org)(REEEP),  
[annyta@cdmgoldstandard.org](mailto:annyta@cdmgoldstandard.org) (Ms. Annyta Luo, GOLDSTANDARD). The text of the Email is as follows:

*Dear Sir/Madam,*

*Your opinion is being sought with regards to the construction and operation of the **Everbright Zhenjiang Bundled Solar PV Power Generation Project**. It is being developed as a Gold standard Clean Development Mechanism (GS-CDM) project activity (Project ID Number GS1747).*

*Project information and project documentation including the project design document (PDD) and GS passport are available in the Gold Standard Registry (link below):*

[https://products.markit.com/br-req/public/project.jsp?project\\_id=103000000003152](https://products.markit.com/br-req/public/project.jsp?project_id=103000000003152)

*Please note that you can send your comments on the project directly to the email address [alice.yang@mailici.com](mailto:alice.yang@mailici.com) until the 17th of June 2013.*

*The PDD is also available on the UNFCCC website (link below):*

<http://cdm.unfccc.int/Projects/DB/RWTUV1332758044.77/view>

*We are looking forward for your opinion on the project. You are also welcome to contact me with any comments or questions you may have.*

*My telephone number is +86-15874173822.*

*Best regards,  
Alice Yang*

*Before the meeting, the notice was published at project sites of Zhenjiang Phase I Project and Zhenjiang Phase II Project. The Non-technical summary was delivered to the local stakeholders at the meeting on 24/04/2013.*



The meeting invitation at the project site of Zhenjiang Phase I Project



The meeting invitation at the project site of Zhenjiang Phase II Project



The project owner introducing the project and the non-technical summary



The local stakeholders finishing the SD Matrix Questionnaires

利益相关方征询会议参会者签到表 Participant list stakeholder consultation						
日期时间: 24042013 Date and time: 24042013						
地点: 江苏省镇江市丁卯开发区科技新城 52 栋对面办公楼 Location: Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province, China						
序号	与会者姓名 Name participant	职务 Job/position	性别 Male/ Female	到会签名 Signature	所在机构 Organisation	联系方式 Contact details
1	徐中斌	干部	男	徐中斌	镇江市发改委	13852111168
2	刘子科	干部	男	刘子科	镇江市环保局	13915888852
3	陈旭	镇江市环保局	男	陈旭	镇江市环保局	14752817155
4	方朝旭	农民	男	方朝旭	市发改委	13946102308
5	叶花根	农民工	男	叶花根	江苏吴中科技	1812742893
6	陈德喜	工人	男	陈德喜	博奥科技	117284236
7	陈坤坤	工人	男	陈坤坤	镇江市环保公司	1575122379
8	孙春喜	工人	男	孙春喜	镇江市环保公司	1592225925
9	王朝喜	农民	男	王朝喜	镇江市环保公司	13912813089
10	孙春喜	工人	男	孙春喜	镇江市环保公司	1571055317
11	陈旭	工人	男	陈旭	镇江市环保公司	13822922220
12	陈旭	工人	男	陈旭	镇江市环保公司	137028246
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16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

The meeting participant list

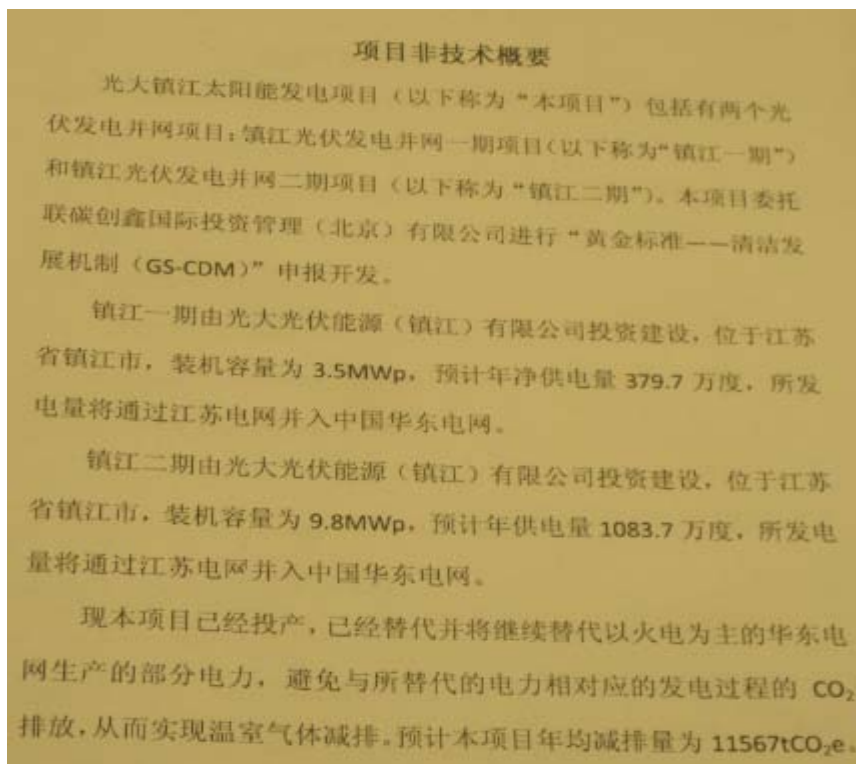
Non-technical summary

*Everbright Zhenjiang Bundled Solar PV Power Generation Project (hereafter referred to as the proposed bundled project) is a grid connected bundled solar photovoltaic (PV) project consisting of Jiangsu Zhenjiang PV Power Plant 3.5MWp Project (hereafter referred to as the Zhenjiang Phase I Project) and Jiangsu Zhenjiang PV Power Plant Phase II 9.8MWp Project (hereafter referred to as the Zhenjiang Phase II Project). Innovative Carbon Investment Co., Ltd. is authorized to represent the project owner to develop the project into a Gold Standard Clean Development Mechanism (GS-CDM) project.*

*Zhenjiang Phase I Project is located in Zhenjiang City, Jiangsu Province, P.R. China with a total installed capacity of 3.5MWp. The purpose of the project is to utilize the solar resource to generate electricity. The project owner is Everbright Photovoltaic Energy (Zhenjiang) Limited. The average net electricity exported to the grid is estimated to be 3,797MWh annually. The electricity generated will be transmitted to the East China Power Grid (ECPG) via Jiangsu Power Grid.*

*Zhenjiang Phase II Project is located in Zhenjiang City, Jiangsu Province, P.R. China with a total installed capacity of 9.8MWp. The purpose of the project is to utilize the solar resource to generate electricity. The project owner is Everbright Photovoltaic Energy (Zhenjiang) Limited. The average net electricity exported to the grid is 10,837MWh annually. The electricity generated will be transmitted to the East China Power Grid (ECPG) via Jiangsu Power Grid.*

*Now the proposed bundled project is put into operation, and the power generated substitutes a part of power supplied by the ECPG which is dominated by fossil-fired power plants, which reduces greenhouse gas (GHG) emission by avoiding CO<sub>2</sub> emissions. The estimated annual average emission reductions are 11,567tCO<sub>2</sub>e.*



**Non-technical Summary**



光大光伏能源



The Gold Standard<sup>®</sup>  
Premium quality carbon credits

项目黄金标准认证利益相关方调查

以下各项请您打勾或填写

一、基本信息			
姓名 (请务必用正楷填写)	杜帅帅		
性别	女		
年龄	27		
民族	汉		
职业	IT		
文化程度	<input type="checkbox"/> 小学及以下 <input type="checkbox"/> 初中 <input type="checkbox"/> 高中 <input checked="" type="checkbox"/> 大学及以上		
家庭住址 (当地居民填写)	镇江大港花园小区 502		
项目简介	镇江光伏发电并网一期项目由光大光伏能源 (镇江) 有限公司投资建设, 位于江苏省镇江市, 装机容量为 3.5M Wp。项目发电电量通过江苏电网输送并入华东电网, 替代了华东电网相连的火力发电厂的部分电量, 由此产生了 CO <sub>2</sub> 减排量。		
您对本项目的了解程度如何?	<input type="checkbox"/> 非常了解 <input checked="" type="checkbox"/> 听说过 <input type="checkbox"/> 没有听说过		
您是代表右列中所列的哪一方面来参加本次项目利益相关方会议的?	<input type="checkbox"/> 政府官员 <input checked="" type="checkbox"/> 当地居民 <input type="checkbox"/> 当地非政府组织 <input type="checkbox"/> 国际非政府组织 <input type="checkbox"/> 国家发改委 <input type="checkbox"/> 当地黄金标准专家 <input type="checkbox"/> 项目员工 <input type="checkbox"/> 其他		
二、可持续发展及相关参数部分			
环境影响			
参数	参数的解释性描述	问题	您的回答
空气质量	此指标用来评估项目对地区空气质量的影响。空气质量根据有项目活动造成的主要空气污染物 (硫化物、氮化物及其他可吸入颗粒物) 的浓度进行测算。	你认为此项目的建设运行对当地空气质量是否有不利影响? 如果是, 请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
水量	此指标是用来评估项目对当地和区域水资源可得性和可用性贡献, 以及与基准线相比获得水资源供给的人口增加数。	您认为该项目的建设运行对当地的水量供给是否有不利影响? 如果是, 请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
水质	此指标用来评估项目当地和区域水资源质量的贡献 (与基准线相比), 根据基准标准评估项目对地域和区域的水质。水质将根据项目活动造成的主要污染物	您认为该项目的建设运行对当地的水质是否有不利影响? 如果是, 请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚



## E

### 光大光伏能源



### 项目黄金标准认证利益相关方问卷

	(包括BOD、COD、热污染、汞、大肠杆菌等)浓度来衡量。		
土壤条件	此指标用来评估项目对地区土壤的影响。土壤状况根据与基准线相比。主要土壤污染物的浓度、有机质浓度、侵蚀以及土地使用范围的变化来测算。	您认为该项目的建设运行是否会对当地土壤造成污染和侵蚀? 如果是, 请描述具体情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
其他污染物	此指标用来评估项目对上述未提及的其他污染物的影响。其他污染物(包括相关的有毒物质, 放射性物质、持久性有机污染物(POPs)、破坏臭氧层的气体、噪声)与基准线相比的变化来评价项目对其他污染物的影响。	您认为该项目的建设运行是否会在当地造成固废污染和噪声污染? 如果是, 请描述具体情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
生物多样性	此指标用来评估项目对地区的生物多样性的影响。生物多样性的变化是通过与没有建设项目的情况相比。对生物种类变化、自然栖息地破坏和改造及当地可再生资源(水、森林、水产等)储存变化的定性评价来衡量的。积极的变化表现为以前灭绝的物种在当地区重新繁衍, 而负面的变化则表现为外来物种入侵或当地物种消失。基于此, 当地公众的意见将是判断的主要依据。	您认为项目的建设运行是否会破坏当地生态及生物的栖息地, 从而导致物种灭绝或濒临灭绝? 如果是, 请描述具体的生态破坏情况及受到威胁的物种。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
<b>社会可持续性和发展</b>			
就业质量	此指标用来评估就业的质量水平, 例如: 由项目活动产生的工作是高层次的还是低层次的, 与BAU相比是暂时还是长期, 工作的持续时间, 以及与工作相关的健康和影响是评价工作质量的主要条件。	您认为该项目所提供职位的薪酬水平是否在当地属于较高的水平, 及您是否认为项目工作工资会较高?	<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚
		如果您是项目职工, 请回答此项: 您是否认为项目提供给您一个良好、安全、清洁的工作环境以及必要的安全保护? 如果不是, 请说明您希望的改进意见。	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚
贫困	此指标用来评估项目对贫困减	您认为该项目的建设运	<input type="checkbox"/> 是



光大光伏能源



The Gold Standard®  
Premium quality carbon credits

项目黄金标准认证利益相关方问卷

<p>人口生活状况</p>	<p>轻的影响。此指标由若干子指标组成。当子指标与项目无关时，则可以被忽略。</p> <p>1) 贫困度减轻： 此指标用来评估项目对贫困减轻的影响。</p> <p>2) 贫困人口的生计： 这个分指标用于衡量项目对于公平分配财富和机会的贡献度，尤其是对不同性别和边缘的或被排斥的社会群体。这个指标将定量评价——与基准线相比估计劳动收入的变化量（以项目起始年为标准）——和定性评价——增加的机会——相结合。</p> <p>3) 基础服务的使用权（水和食物、健康——卫生设施和医疗设施、教育、基础设施的使用等等）： 基础服务的使用权将作为衡量社会可持续性的一个指标。它通过与基准线相比额外获得使用权的人数来衡量。</p> <p>4) 自然灾害发生频率： 这个指标用于衡量项目对气候相关的自然灾害（干旱、洪水、暴雨等）和与气候无关的自然灾害（地震、火山爆发等）发生频率的影响。</p> <p>5) 永久灾害： 这个指标用于衡量项目产生的永久灾害（如 某项目造成河流水资源减少，当地社区居民依赖于此河流生存，则项目就对社区居民产生了永久灾害）。</p>	<p>行是有助于缓解当地贫困状况及改善贫困人口的生活水平？</p>	<p><input type="checkbox"/> 否 <input checked="" type="checkbox"/> 不清楚</p>
<p>能源服务使用权</p>	<p>项目为提高可靠的和可负担的清洁能源服务的覆盖面提供了一个重要的机会。尤其是对贫困人口和农村地区。在适当的规</p>	<p>您认为该项目的建设运行是否能当地提供清洁能源，即清洁的电能？</p>	<p><input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚</p>



光伏光伏能源





The Gold Standard  
Premium-quality carbon credits

项目黄金标准认证利益相关方问卷

	<p>视，还应考虑能源供给保障（衡量一个国家与基准线相比，获得用于社会服务和经济发展所需能源的能力指标）。</p>		
个人与机构能力	<p>这个指标用于评估项目在提高当地居民和社会团体积极参与社会和经济发展的能力方面的贡献。它包括三个指示性的分指标。</p> <p>参与权： 指标用于评估项目在提高当地居民对公共制度和决策过程的参与权和参与程度方面的贡献</p> <p>教育/技能： 这个分指标用于评估项目的活动如何促进和/或需求当地更高等的更普及的教育和技能培。</p> <p>性别平等： 这个分指标用于衡量项目的活动要求或者提高社区内的女性决策参与程度、受教育的机会和生活水平。</p>	<p>您认为该项目的建设运行是否会提高当地居民和社会团体参与社会和经济发展的能力？</p>	<p><input type="radio"/>是 <input type="radio"/>否 <input checked="" type="radio"/>不清楚</p>
<b>经济与科技发展</b>			
就业数量	<p>净就业增加量将作为经济可持续发展的一个衡量指标。通过与基准线相比由于项目直接带来的新增加就业数来计算。</p>	<p>您认为该项目的建设运行是否为当地提供了额外的就业岗位？</p>	<p><input checked="" type="radio"/>是 <input type="radio"/>否 <input type="radio"/>不清楚</p>
国际收支平衡	<p>净外币储蓄可能来自于由项目带来的化石燃料进口的减少。任何东道国受到的贸易支付平衡的影响都将与基准线相比较。</p>	<p>您认为该项目的建设运行是否会影响国家的贸易收支平衡？</p>	<p><input type="radio"/>是 <input type="radio"/>否 <input checked="" type="radio"/>不清楚</p>
技术自主性	<p>技术方面的花费在东道国和外国投资者之间会发生变动，外币的减少会导致技术可持续性的增加。当项目通过国产设备增多而降低外币消费时，专利使用费、特许费和进口技术支持与基准线相比也将减少。类似地，补贴和外来技术支持需求的减</p>	<p>您认为该项目的建设运行是否会引起技术转移？</p>	<p><input type="radio"/>是 <input type="radio"/>否 <input checked="" type="radio"/>不清楚</p>



 光大光伏能源		 The Gold Standard <sup>®</sup> Premium quality carbon credits		项目黄金标准认证利益相关方问卷	
少反映了技术自主性和技术转移的增加。					
<b>三、利益相关方部分</b>					
如果您是项目员工，请您回答此问题		项目是否按照国家劳动法规定的工作时间安排工作？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否雇用童工？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否雇用少数民族员工？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否为男性员工和女性员工提供了平等的就业机会和待遇？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
		项目是否涉及拆迁？如果是，请描述拆迁补偿情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
<b>四、环境影响部分</b>					
您认为本项目的主要环境问题是什么？		<input checked="" type="checkbox"/> 无重大影响 <input type="checkbox"/> 空气污染 <input type="checkbox"/> 噪音污染 <input type="checkbox"/> 水污染 <input type="checkbox"/> 电磁干扰 <input type="checkbox"/> 景观破坏 <input type="checkbox"/> 文物古迹破坏 <input type="checkbox"/> 生态环境破坏 <input type="checkbox"/> 植被破坏 <input type="checkbox"/> 土地占用 <input type="checkbox"/> 其他，请说明_____			
您对已制定的环境影响减缓措施是否满意？		<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不知道			
您认为本项目是否能促进当地经济？		<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不知道			
<b>五、结论部分</b>					
您认为这个项目对于您及所在地区来说会有积极的还是消极的影响？		<input checked="" type="checkbox"/> 积极的 <input type="checkbox"/> 消极的 <input type="checkbox"/> 不知道			
您支持本项目的建设运营吗？		<input checked="" type="checkbox"/> 支持 <input type="checkbox"/> 不支持			
您对于本项目是否还有其他意见和建议？如果有请说明。					

请将填好的问卷交回，感谢您抽出宝贵的时间填写问卷！

### Questionnaire of Zhenjiang Phase I Project



以下各项请您打勾或填写

三、基本信息	
姓名（请务必用正楷填写）	关凤
性别	男
年龄	42
民族	汉
职业	农民
文化程度	<input type="checkbox"/> 小学及以下 <input checked="" type="checkbox"/> 初中 <input type="checkbox"/> 高中 <input type="checkbox"/> 大学及以上
家庭住址（当地居民填写）	镇江市新区镇渡路
项目简介	镇江光伏发电并网二期项目由光大光伏能源（镇江）有限公司投资建设，位于江苏省镇江市，装机容量为9.8MWp。项目发电量通过江苏电网输送并入华东电网，替代了华东电网相连的火力发电厂的部分电量，由此产生了CO <sub>2</sub> 减排量。
您对本项目的了解程度如何？	<input type="checkbox"/> 非常了解 <input checked="" type="checkbox"/> 听说过 <input type="checkbox"/> 没有听说过
您是代表右列中所列的哪一方面来参加本次项目利益相关方会议的？	<input type="checkbox"/> 政府官员 <input checked="" type="checkbox"/> 当地居民 <input type="checkbox"/> 当地非政府组织 <input type="checkbox"/> 国际非政府组织 <input type="checkbox"/> 国家发改委 <input type="checkbox"/> 当地黄金标准专家 <input type="checkbox"/> 项目员工 <input type="checkbox"/> 其他

三、可持续发展矩阵相关参数评分

环境影响

参数	参数的解释性描述	问题	您的回答
空气质量	此指标用来评估项目对地区空气质量的影响。空气质量指数有项目活动造成的主要空气污染物（硫化物、氮化物及其他可吸入颗粒物）的浓度进行测算。	你认为此项目的建设运行对当地空气质量是否有不利影响？如果是，请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
水量	此指标是用来评估项目对当地和区域水资源可得性和可用性贡献，以及与基准线相比获得水资源供给的人口增加数。	您认为该项目的建设运行对当地的水量供给是否有不利影响？如果是，请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚
水质	此指标用来评估项目当地和区域水资源质量的贡献（与基准线相比），根据基准线标准评估项目对地域和区域的水质。水质将根据项目活动造成的主要污染物	您认为该项目的建设运行对当地的水质是否有不利影响？如果是，请描述具体影响。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚



## E

### 光伏光伏能源



项目黄金标准认证利益相关方问卷

	(包括BOD、COD、热污染、汞、大肠杆菌等)浓度来衡量。		
土壤条件	此指标用来评估项目对地区土壤的影响。土壤状况根据与基准线相比,主要土壤污染物的浓度、有机质浓度、侵蚀以及土地使用范围的变化来测算。	您认为该项目的建设运行是否会对当地土壤造成污染和侵蚀?如果是,请描述具体情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚 <hr/> <hr/> <hr/>
其他污染物	此指标用来评估项目对上述未提及的其他污染物的影响,其他污染物(包括相关的有毒物质、放射性物质、持久性有机污染物(POPs)、破坏臭氧层的气体、噪声)与基准线相比的变化来评价项目对其他污染物的影响。	您认为该项目的建设运行是否会在当地造成固废污染和噪声污染?如果是,请描述具体情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚 <hr/> <hr/> <hr/>
生物多样性	此指标用来评估项目对地区的生物多样性的影响。生物多样性的变化是通过与没有建设项目的情况相比,对生物种类变化、自然栖息地破坏和改造及当地可再生资源(水、森林、水产等)储存变化的定性评价来衡量的,积极的变化表现为以前灭绝的物种在当地重新繁衍,而负面的变化则表现为外来物种入侵或当地物种消失。基于此,当地公众的意见将是判断的主要依据。	您认为项目的建设运行是否会破坏当地生态及生物的栖息地,从而导致物种灭绝或濒临灭绝?如果是,请描述具体的生态破坏情况及受到威胁的物种。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚 <hr/> <hr/> <hr/>
<b>社会可持续性和发展</b>			
就业质量	此指标用来评估就业的质量水平,例如:由项目活动产生的工作是高层次的还是低层次的,与BAU相比是暂时还是长期,工作的持续时间,以及与工作相关的健康和安全隐患是评价工作质量的主要条件。	您认为该项目所提供职位的薪酬水平是否在当地属于较高的水平,及您是否认为项目工资会较高?	<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚
		如果您是项目职工,请回答此项:您是否认为项目提供给您一个良好、安全、清洁的工作环境以及必要的安全保护?如果不是,请说明您希望的改进意见。	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚 <hr/> <hr/> <hr/>
贫困	此指标用来评估项目对贫困减	您认为该项目的建设运	<input type="checkbox"/> 是



## E

### 光伏充电站



### 项目黄金标准认证利益相关方问卷

<p>人口生活状况</p>	<p>轻的影响。此指标由若干子指标组成，当子指标与项目无类时，则可以被忽略。</p> <p>1) 贫困度减轻： 此指标用来评估项目对贫困减轻的影响。</p> <p>2) 贫困人口的生计： 这个分指标用于衡量项目对于公平分配财富和机会的贡献度，尤其是对不同性别和边缘的或被排斥的社会群体。这个指标将定量评价——与基准线相比估计劳动收入的改变量（以项目起始年为标准）——和定性评价——增加的机会——相结合。</p> <p>3) 基础服务的使用权（水和食物，健康——卫生设施和医疗设施、教育、基础设施的使用等等）： 基础服务的使用权将作为衡量社会可持续性的一个指标，它通过与基准线相比额外获得使用权的人数来衡量。</p> <p>4) 自然灾害发生频率： 这个指标用于衡量项目对气候相关的自然灾害（干旱、洪水、暴雨等）和与气候无关的自然灾害（地震、火山爆发等）发生频率的影响。</p> <p>5) 永久灾害： 这个指标用于衡量项目产生的永久灾害（如 某项目造成河流水资源减少，当地社区居民依赖于此河流生存，则项目就对社区居民产生了永久灾害）。</p>	<p>行是有助于缓解当地贫困状况及改善贫困人口的生活水平？</p>	<p><input type="checkbox"/> 否 <input checked="" type="checkbox"/> 不清楚</p>
<p>能源服务使用权</p>	<p>项目为提高可靠的和可负担的清洁能源服务的覆盖面提供了一个重要的机会，尤其是对贫困人口和农村地区。在适当的规</p>	<p>您认为该项目的建设运行是否能为当地提供清洁能源。即清洁的电能？</p>	<p><input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚</p>



**E** 光伏能源



项目黄金标准认证利益相关方问卷

	极。还应考虑能源供给保障（衡量一个国家与基准线相比，获得用于社会服务和经济发展所需能源的能力指标）。		
个人与机构能力	<p>这个指标用于评估项目在提高当地居民和社会团体积极参与社会和经济发展的能力方面的贡献。它包括三个指示性的分指标。</p> <p>参与权： 指标用于评估项目在提高当地居民对公共制度和决策过程的参与权和参与程度方面的贡献</p> <p>教育/技能： 这个分指标用于评估项目的活动如何促进和/或需求当地更高等的更普及的教育和技能培训。</p> <p>性别平等： 这个分指标用于衡量项目的活动要求或者提高社区内的女性决策参与程度、受教育的机会和生活水平。</p>	您认为该项目的建设运行是否会提高当地居民和社会团体参与社会和经济发展的能力？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/> 不清楚
<b>经济与科技发展</b>			
就业数量	净就业增加量将会作为经济可持续发展的一个衡量指标，通过与基准线相比由于项目直接带来的新增加就业数来计算。	您认为该项目的建设运行是否为当地提供了额外的就业岗位？	<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚
国际收支平衡	净外币储蓄可能来自于由项目带来的化石燃料进口的减少。任何东道国受到的贸易支付平衡的影响都将与基准线相比较。	您认为该项目的建设运行是否会影响国家的贸易收支平衡？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/> 不清楚
技术自主性	技术方面的花费在东道国和外国投资者之间会发生变动，外币的减少会导致技术可持续性的增加。当项目通过国产设备增多而降低外币消费时，专利使用费、特许费和进口技术支持与基准线相比也将会减少。类似地，补贴和外来技术支持需求的减	您认为该项目的建设运行是否会引起技术转移？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/> 不清楚



E 九大光伏能源		The Gold Standard <sup>®</sup> Premium quality carbon credits		项目黄金标准认证利益相关方问卷	
少反映了技术自主性和技术转移的增加。					
<b>三、利益相关方部分</b>					
如果您是项目员工，请您回答此问题		项目是否按照国家劳动法规定的工作时间安排工作？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否雇用童工？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否雇用少数民族员工？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
如果您是项目员工，请您回答此问题		项目是否为男性员工和女性员工提供了相同的就业机会和待遇？	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
		项目是否涉及拆迁？如果是，请描述拆迁补偿情况。	<input type="checkbox"/> 是 <input checked="" type="checkbox"/> 否 <input type="checkbox"/> 不清楚		
<b>四、环境影响部分</b>					
您认为本项目的主要环境问题是什么？		<input checked="" type="checkbox"/> 无重大影响 <input type="checkbox"/> 空气污染 <input type="checkbox"/> 噪音污染 <input type="checkbox"/> 水污染 <input type="checkbox"/> 电磁干扰 <input type="checkbox"/> 景观破坏 <input type="checkbox"/> 文物古迹破坏 <input type="checkbox"/> 生态环境破坏 <input type="checkbox"/> 植被破坏 <input type="checkbox"/> 土地占用 <input type="checkbox"/> 其他，请说明_____			
您对已制定的环境影响减缓措施是否满意？		<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不知道			
您认为本项目是否能促进当地经济？		<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不知道			
<b>五、结论部分</b>					
您认为这个项目对于您及所在地区来说会有积极的还是消极的影响？		<input checked="" type="checkbox"/> 积极的 <input type="checkbox"/> 消极的 <input type="checkbox"/> 不知道			
您支持本项目的建设吗？		<input checked="" type="checkbox"/> 支持 <input type="checkbox"/> 不支持			
您对于本项目是否还有其他意见和建议？如果有请说明。					

请将填好的问卷交回，感谢您抽出宝贵的时间填写问卷！

### Questionnaire of Zhenjiang Phase I Project

#### Summary of the questionnaires:

12 copies of questionnaires (the questionnaire including the blind SD Matrix Exercises) for Zhenjiang Phase I Project were delivered to the attendees. After the feedback round meeting, up to 12 questionnaires were received. The questionnaires show that 100% of answerer consent to the construction and the operation of the project, and that 100% of answerer thought that the project will have positive impacts in the local area. No negative comments on this project were brought out during the stakeholder feedback round. Thus the SD Matrix for Zhenjiang Phase I Project has no need to be revised.

12 copies of questionnaires (the questionnaire including the blind SD Matrix Exercises) for Zhenjiang

Phase II Project were delivered to the attendees. After the feedback round meeting, up to 12 questionnaires were received. The questionnaires show that 100% of answerer consent to the construction and the operation of the project, and that 100% of answerer thought that the project will have positive impacts in the local area. No negative comments on this project were brought out during the stakeholder feedback round. Thus the SD Matrix for Zhenjiang Phase II Project has no need to be revised.

None of these NGOs and local people (including the government staffs) has raised any comments on the bundled project during the two month SFR.

### E. 3. Discussion on continuous input / grievance mechanism

Discuss the Continuous input / grievance mechanism expression method and details, as discussed with local stakeholders.

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	The Project Office, Technology new town, Dingmou development district, Zhenjiang city, Jiangsu province	The project office is a central place that will be known to local stakeholders.
Telephone access	Tel: 0086-18752968968 Contact person: Hua Chang	Mr. Chang is in charge of the proposed bundled project and can directly receive input.
Internet/email access	changh@ebchinaintl.com.cn	Mr. Chang is in charge of the proposed bundled project and can directly receive input.
Nominated Independent Mediator (optional)	N/A	Stakeholders agreed that no mediator would be necessary since there will always be a close contact between users and field assistants.

*All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan in section G.*

## SECTION F. Outcome Sustainability assessment

### F.1. 'Do no harm' Assessment

[See Toolkit 2.4.1 and Annex H]

#### Zhenjiang Phase I Project

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
1 The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses.	The <i>Constitution of the People's Republic of China</i> <sup>1</sup> regulates that the nation respect and protect human rights including dignity, cultural property and uniqueness of indigenous people.	Low	N/A
2 The project does not involve and is not complicit in involuntary resettlement.	No, there is no involuntary resettlement in the Zhenjiang Phase I Project. It has been confirmed that no involuntary resettlement has occurred as a consequence of the project activity according to the FSR report Page 48 of the Zhenjiang Phase I Project.	Low	N/A
3 The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	No, there is no alteration, damage or removal to any cultural heritage due to project activity which can be confirmed from the EIA report Page 7 of Zhenjiang Phase I Project.	Low	N/A
4 The project respects the employees' freedom of association and their right to collective bargaining	The Labor Law of the People's Republic of China <sup>2</sup> (July 1994) and Law of the People's Republic of China on Employment Contract <sup>3</sup>	Low	N/A

<sup>1</sup> [http://www.npc.gov.cn/englishnpc/Law/2007-12/05/content\\_1381903.htm](http://www.npc.gov.cn/englishnpc/Law/2007-12/05/content_1381903.htm)

<sup>2</sup> [http://www.gov.cn/banshi/2005-05/25/content\\_905.htm](http://www.gov.cn/banshi/2005-05/25/content_905.htm)

<sup>3</sup> [http://www.molss.gov.cn/gb/news/2007-06/30/content\\_184630.htm](http://www.molss.gov.cn/gb/news/2007-06/30/content_184630.htm)

and is not complicit in restrictions of these freedoms and rights.	respect the right of freedom of association and collective bargaining to employees. The Zhenjiang Phase I Project fully respects the employees' rights in accordance with all labor related laws endorsed within P.R. China.		
5 The project does not involve and is not complicit in any form of forced or compulsory labour.	The labor law of People's Republic of China(July 1994) and Law of the People's Republic of China on Employment Contract forbid for any form of forced or compulsory labor.	Low	N/A
6 The project does not employ and is not complicit in any form of child labour.	The Provisions on Prohibition of Child Labor <sup>4</sup> (December 2002) forbid for any form of child labour.  The Zhenjiang Phase I Project abides the rules accordingly and no child labor is employed in the Zhenjiang Phase I Project.	Low	N/A
7 The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	Protection of Rights and Interests of Women (December 2005) <sup>5</sup> forbid for any form of discrimination based on gender.  The Labor Law of the People's Republic of China(July 1994) and Law of the People's Republic of China on Employment Contract forbid any form of discrimination based on gender, race, religion, sexual orientation or any other basis.  The Zhenjiang Phase I Project abides the rules of equality accordingly and does not involve and complicit in any form of discrimination.	Low	N/A
8 The project provides	The Labor Law of the People's	Low	N/A

<sup>4</sup> [http://www.npc.gov.cn/englishnpc/Law/2007-12/14/content\\_1384273.htm](http://www.npc.gov.cn/englishnpc/Law/2007-12/14/content_1384273.htm)

<sup>5</sup> [http://www.npc.gov.cn/englishnpc/Law/2007-12/13/content\\_1384122.htm](http://www.npc.gov.cn/englishnpc/Law/2007-12/13/content_1384122.htm)

<p>workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.</p>	<p>Republic of China (July 1994) and Law of the P.R. of China on Work Safety<sup>6</sup> (June 2002) forbid exposing workers to unsafe or unhealthy work environments.</p> <p>The Zhenjiang Phase I Project provides workers with Safe and healthy working conditions.</p>		
<p>9 The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.</p>	<p>It is confirmed that the Zhenjiang Phase I Project has carried out the Environmental Impact Assessment which is approved the local environmental bureau.</p>	<p>Low</p>	<p>N/A</p>
<p>10 The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value, or (d) recognized as protected by traditional local communities.</p>	<p>The Zhenjiang Phase I Project does not involve and is not complicit in significant conversion or degradation of critical natural habitats.</p>	<p>Low</p>	<p>N/A</p>
<p>11 The project does not involve and is not complicit in corruption.</p>	<p>The host country ratified the United Nations Convention against Corruption<sup>7</sup>.</p> <p>No corruption existed in the Zhenjiang Phase I Project</p>	<p>Low</p>	<p>N/A</p>

<sup>6</sup> [http://www.npc.gov.cn/englishnpc/Law/2007-12/06/content\\_1382127.htm](http://www.npc.gov.cn/englishnpc/Law/2007-12/06/content_1382127.htm)

<sup>7</sup> <http://www.unodc.org/unodc/en/treaties/CAC/index.html>

Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low/medium/high)	Mitigation measure
1			
2			
Etc.			

### Zhenjiang Phase II Project

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
1 The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses.	The <i>Constitution of the People's Republic of China</i> regulates that the nation respect and protect human rights including dignity, cultural property and uniqueness of indigenous people.	Low	N/A
2 The project does not involve and is not complicit in involuntary resettlement.	No, there is no involuntary resettlement in the Zhenjiang Phase II Project. It has been confirmed that no involuntary resettlement has occurred as a consequence of the project activity according to the FSR report Page 52 of the Zhenjiang Phase II Project.	Low	N/A
3 The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	No, there is no alteration, damage or removal to any cultural heritage due to project activity which can be confirmed from the EIA report Page 10 of Zhenjiang Phase II Project.	Low	N/A
4 The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights.	The Labor Law of the People's Republic of China (July 1994) and Law of the People's Republic of China on Employment Contract respect the right of freedom of association and collective bargaining to employees. The	Low	N/A

	Zhenjiang Phase II Project fully respects the employees' rights in accordance with all labor related laws endorsed within P.R. China.		
5 The project does not involve and is not complicit in any form of forced or compulsory labour.	The labor law of People's Republic of China(July 1994) and Law of the People's Republic of China on Employment Contract forbid for any form of forced or compulsory labor.	Low	N/A
6 The project does not employ and is not complicit in any form of child labour.	The Provisions on Prohibition of Child Labor (December 2002) forbid for any form of child labour.  The Zhenjiang Phase II Project abides the rules accordingly and no child labor is employed in the Zhenjiang Phase II Project.	Low	N/A
7 The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	Protection of Rights and Interests of Women (December 2005) forbid for any form of discrimination based on gender.  The Labor Law of the People's Republic of China(July 1994) and Law of the People's Republic of China on Employment Contract forbid any form of discrimination based on gender, race, religion, sexual orientation or any other basis.  The Zhenjiang Phase II Project abides the rules of equality accordingly and does not involve and complicit in any form of discrimination.	Low	N/A
8 The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work	The Labor Law of the People's Republic of China (July 1994) and Law of the P.R. of China on Work Safety (June 2002) forbid exposing workers to unsafe or unhealthy work environments.  The Zhenjiang Phase II Project	Low	N/A

environments.	provides workers with Safe and healthy working conditions.		
9 The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	It is confirmed that the Zhenjiang Phase II Project has carried out the Environmental Impact Assessment which is approved the local environmental bureau.	Low	N/A
10 The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value, or (d) recognized as protected by traditional local communities.	The Zhenjiang Phase II Project does not involve and is not complicit in significant conversion or degradation of critical natural habitats.	Low	N/A
11 The project does not involve and is not complicit in corruption.	The host country ratified the United Nations Convention against Corruption.  No corruption existed in the Zhenjiang Phase II Project	Low	N/A
<b>Additional relevant critical issues for my project type</b>	<b>Description of relevance to my project</b>	<b>Assessment of relevance to my project (low/medium/high)</b>	<b>Mitigation measure</b>
1			
2			
Etc.			

## F.2. Sustainable Development matrix

[See Toolkit 2.4.2 and Annex I]

Insert table as in section D3 from your Stakeholder Consultation report (Sustainable Development matrix).

### Zhenjiang Phase I Project

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" – table, or include mitigation measure used to neutralise a score of ‘-’	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score ‘-’ in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score ‘+’
Air quality	Wet damping and sprinkler are applied to control the expected dust emission during the construction.	Goal7- Ensure Environmental Sustainability	During construction work, atmospheric pollutants were controlled by sprinkling water.  The Zhenjiang Phase I Project does not generate air pollution during operation. The Zhenjiang Phase I Project has helped reduce GHG emissions versus the high-growth, coal-dominated business-as-usual scenario, reduce other pollutants resulting from the power generation industry, compared to a	0

			<p>business-as-usual approach, such as SO<sub>2</sub> and soot.</p> <p>Therefore, in comparison with the baseline scenario of thermal power generation, there is a reduction in the emission volume of pollutants.</p> <p>However in the greater surrounding area, the positive impact might be very limited.</p> <p>Therefore, in order to ensure conservativeness, this indicator is scored neutral.</p>	
Water quality and quantity	Washing wastewater is treated in waste water management system before discharged.	Goal7- Ensure Environmental Sustainability	<p>The Zhenjiang Phase I Project does not require water other than for office use. The contribution to water availability is favorable when compared to the baseline scenario where large quantities of water are used by the fossil fuel-fired power plants on the grid. Therefore, in Jiangsu Province, the Zhenjiang Phase I Project has a beneficial impact on water quantity.</p> <p>The Zhenjiang Phase I Project does not impact the water</p>	0

			<p>quality as no significant water pollutants are released. The negative impact of the Zhenjiang Phase I Project to the local water quality is negligible.</p> <p>However in the greater surrounding area, the positive impact on water quantity might be very limited.</p> <p>Therefore, we score this indicator neutral.</p>	
Soil condition	Replantation in the affected places is conducted after the completion of the construction work.	Goal7- Ensure Environmental Sustainability	<p>The soil condition was affected during the construction of the Zhenjiang Phase I Project.</p> <p>However, the replantation in the affected places was conducted and the construction is now finished. The impact therefore is considered low when compared with the construction of a fossil fuel-fired power plant.</p> <p>Therefore, we score this indicator neutral.</p>	0
Other pollutants	Construction operations and movement of traffic are restricted to	Goal7- Ensure Environmental Sustainability	<p>During the construction period, the Zhenjiang Phase I Project generated some noise</p>	0



	<p>daylight hours to avoid any discomfort for the nearby resident. Use equipment with low noise emissions during the construction.</p>		<p>pollution. During the operation period, the pollutants are considered insignificant. The Zhenjiang Phase I Project reduces other pollutants such as solid, liquid, and gaseous wastes which would have resulted from the business-as-usual coal-fired power generation industry. Given mitigation measures implemented during construction work, this indicator scores neutral.</p>	
Biodiversity	N/A	Goal7- Ensure Environmental Sustainability	<p>According to the EIA, there is no big, rare and nationally protected animal or plant. Besides, the replanting of trees at the project site will be good to the local biodiversity. In the baseline scenario, continued emissions from the fossil fuel-fired power plants may have negatively affected biodiversity in the area. The impact of the Zhenjiang Phase I Project, therefore, is conservatively considered zero.</p>	0
Quality of	N/A	Goal1- Eradicate Extreme Poverty	The Zhenjiang Phase I Project has a	+

employment		and Hunger	<p>positive impact on overall employment quality. The construction and operation of the Zhenjiang Phase I Project generated new jobs in a high-tech environment. A detailed training plan has been established, and professional skill training will be provided to the staff on-site by the equipment supplier at the early stage of the Zhenjiang Phase I Project.</p> <p><b>Parameter:</b> Operation and maintenance regulations are established or not; Relevant trainings are done or not.</p>	
Livelihood of the poor	N/A	<p>Goal1- Eradicate Extreme Poverty and Hunger</p> <p>Goal3- Promote Gender Equality and Empower Women</p>	The Zhenjiang Phase I Project has not directly contributed to a more equitable distribution of wealth and opportunity, other than through opportunities for work.	0
Access to affordable and clean energy services	N/A	<p>Goal1- Eradicate Extreme Poverty and Hunger</p> <p>Goal7- Ensure Environmental Sustainability</p>	The Zhenjiang Phase I Project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in	+

			<p>Jiangsu Province.</p> <p><b>Parameter:</b> Net electricity supplied to the grid by the Zhenjiang Phase I Project</p>	
Human and institutional capacity	N/A	<p>Goal 2-Achieve Universal Primary education</p> <p>Goal3- Promote Gender Equality and Empower Women</p>	<p>Female and the minority are able to attend the stakeholder consultation and the operation of the Zhenjiang Phase I Project. However, the impact is deemed to be insignificant and can be neglected. Thus this indicator scores zero.</p>	0
Quantitative employment and income generation	N/A	Goal1- Eradicate Extreme Poverty and Hunger	<p>Project activity lead to employment generation during the construction of the plant. In addition, employment opportunities are provided to the technical trained staff for operation of the plant.</p> <p><b>Parameter:</b> Number of jobs created in the operations of the Zhenjiang Phase I Project and salary level.</p>	+
Balance of payments and investment	N/A	Goal 8-Develop a Global Partnership for Development	China imports coal for power generation in recent years, but since the perceived displaced coal import is	0

			marginal to the total imports, the impact is deemed to be insignificant and can be neglected.	
Technology transfer and technological self-reliance	N/A	Goal 8-Develop a Global Partnership for Development	No changes in technology transfer since the Zhenjiang Phase I Project is using domestically produced equipments. Thus this indicator scores neutral.	0

**Justification choices, data source and provision of references**

Air quality	In the EIA report, it states that mitigation measure is applied to control the expected dust emission, such as wet damping and sprinkler, and that the Zhenjiang Phase I Project does not generate air pollution during operation.  Please refer to the EIA report Page 14 of the Zhenjiang Phase I Project.
Water quality and quantity	In the EIA report, it states that all the wastewater in project activity is treated before discharging.  Please refer to the EIA report Page 15 of the Zhenjiang Phase I Project.
Soil condition	According to the EIA report, the Zhenjiang Phase I Project does not significantly impact on the soil condition. Mitigation measure is applied to Zhenjiang Phase I Project short term soil degradation: rehabilitation of vegetation in the affected places is conducted right after the completion of the construction work.  Please refer to the EIA report Page 4 of the Zhenjiang Phase I Project.
Other pollutants	In the EIA report, it states that the pollutants are considered insignificant during the operation period. Mitigation measures are applied to the Zhenjiang Phase I Project: construction operations and movement of traffic are restricted to daylight hours to avoid any discomfort for the nearby resident, and use equipment with low noise emissions during the construction.  Please refer to the EIA report Page 14 of the Zhenjiang Phase I Project.

Biodiversity	<p>According to the EIA report, there are no big, rare and national protection animals and plants. The replanting of trees at the project site will be good to the local biodiversity. The ecosystem surround the project area is not endangered, the impacts deriving from the project activity is not significant on the biodiversity.</p> <p>Please refer to the EIA report Page 13 of the Zhenjiang Phase I Project.</p>
Quality of employment	<p>Please refer to the Zhenjiang Phase I Project’s operation manual and equipment purchasing contract. The operation manual that includes detailed training plans has been adopted by project owner to ensure the safety of employees, and professional skill training will be provided to the staff on-site by the equipment supplier at the early stage of the Zhenjiang Phase I Project. Besides, training records and certificates of operation staff will be also provided.</p>
Livelihood of the poor	<p>According to the FSR report, the Zhenjiang Phase I Project will create both temporary and permanent jobs and will therefore bring income to the community. However, not all the local people will be employed by the Zhenjiang Phase I Project we think it will be difficult for all the poor to enjoy the benefits. Furthermore, we don’t believe the Zhenjiang Phase I Project will have significant impact on children’s health, health care, access to sanitation or the parameters that we believe Livelihood of the Poor is measured by.</p> <p>Please refer to the FSR report Page63 of the Zhenjiang Phase I Project.</p>
Access to affordable and clean energy services	<p>According to the FSR report, the Zhenjiang Phase I Project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in Jiangsu Province. The Zhenjiang Phase I Project will promote the use of solar photovoltaic electricity.</p> <p>Please refer to the FSR report Page66 of the Zhenjiang Phase I Project.</p>
Human and institutional capacity	<p>No significant change due to the project activity.</p>
Quantitative employment and income generation	<p>According to the FSR report, the Zhenjiang Phase I Project provides job opportunities to the local people and as a result increases income generation in the region.</p> <p>Please refer to the FSR report Page 63 of the Zhenjiang Phase I Project, 6 permanent jobs were created by the project, and people hired for operation by this project will get an average salary of about 50,000 RMB/year, which is higher than the local salary level.</p>
Balance of payments and investment	<p>No significant change due to the project activity.</p>

Technology transfer and technological self-reliance	No change due to the project activity.
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### Zhenjiang Phase II Project

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" – table, or include mitigation measure used to neutralise a score of ‘-’	Check <a href="http://www.undp.or/mdg">www.undp.or/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score ‘-’ in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score ‘+’
Air quality	Wet damping and sprinkler are applied to control the expected dust emission during the construction.	Goal7- Ensure Environmental Sustainability	During construction work, atmospheric pollutants were controlled by sprinkling water.  The Zhenjiang Phase II Project does not generate air pollution during operation. The Zhenjiang Phase II Project has helped reduce GHG emissions versus the high-growth, coal-dominated business-as-usual scenario, reduce other pollutants resulting from the power generation industry, compared to a business-as-usual approach, such as	0

			<p>SO<sub>2</sub> and soot.</p> <p>Therefore, in comparison with the baseline scenario of thermal power generation, there is a reduction in the emission volume of pollutants.</p> <p>However in the greater surrounding area, the positive impact might be very limited.</p> <p>Therefore, in order to ensure conservativeness, this indicator is scored neutral.</p>	
Water quality and quantity	Washing wastewater is treated in waste water management system before discharged.	Goal7- Ensure Environmental Sustainability	<p>The Zhenjiang Phase II Project does not require water other than for office use. The contribution to water availability is favorable when compared to the baseline scenario where large quantities of water are used by the fossil fuel-fired power plants on the grid. Therefore, in Jiangsu Province, the Zhenjiang Phase II Project has a beneficial impact on water quantity.</p> <p>The Zhenjiang Phase II Project does not impact the water quality as no significant water</p>	0

			<p>pollutants are released. The negative impact of the Zhenjiang Phase II Project to the local water quality is negligible.</p> <p>However in the greater surrounding area, the positive impact on water quantity might be very limited.</p> <p>Therefore, we score this indicator neutral.</p>	
Soil condition	N/A	Goal7- Ensure Environmental Sustainability	<p>Since the Zhenjiang Phase II Project is built on the roof, the project has no effect on soil condition.</p> <p>Therefore, we score this indicator zero.</p>	0
Other pollutants	<p>Construction operations and movement of traffic are restricted to daylight hours to avoid any discomfort for the nearby resident.</p> <p>Use equipment with low noise emissions during the construction.</p>	Goal7- Ensure Environmental Sustainability	<p>During the construction period, the Zhenjiang Phase II Project generated some noise pollution.</p> <p>During the operation period, the pollutants are considered insignificant. The Zhenjiang Phase II Project reduces other pollutants such as solid, liquid, and gaseous wastes which would have resulted from the business-as-usual coal-fired power generation industry.</p>	0

			Given mitigation measures implemented during construction work, this indicator scores neutral.	
Biodiversity	N/A	Goal7- Ensure Environmental Sustainability	According to the EIA, there is no big, rare and nationally protected animal or plant. Besides, the replanting of trees at the project site will be good to the local biodiversity. In the baseline scenario, continued emissions from the fossil fuel-fired power plants may have negatively affected biodiversity in the area. The impact of the Zhenjiang Phase II Project, therefore, is conservatively considered zero.	0
Quality of employment	N/A	Goal1- Eradicate Extreme Poverty and Hunger	The Zhenjiang Phase II Project has a positive impact on overall employment quality. The construction and operation of the Zhenjiang Phase II Project generated new jobs in a high-tech environment. A detailed training plan has been established, and professional skill training will be provided to the staff on-site by the	+

			<p>equipment supplier at the early stage of the Zhenjiang Phase II Project.</p> <p><b>Parameter:</b> Operation and maintenance regulations are established or not; Relevant trainings are done or not.</p>	
Livelihood of the poor	N/A	<p>Goal1- Eradicate Extreme Poverty and Hunger</p> <p>Goal3- Promote Gender Equality and Empower Women</p>	The Zhenjiang Phase II Project has not directly contributed to a more equitable distribution of wealth and opportunity, other than through opportunities for work.	0
Access to affordable and clean energy services	N/A	<p>Goal1- Eradicate Extreme Poverty and Hunger</p> <p>Goal7- Ensure Environmental Sustainability</p>	<p>The Zhenjiang Phase II Project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in Jiangsu Province.</p> <p><b>Parameter:</b> Net electricity supplied to the grid by the Zhenjiang Phase II Project</p>	+
Human and institutional capacity	N/A	<p>Goal 2-Achieve Universal Primary education</p> <p>Goal3- Promote Gender Equality and Empower Women</p>	<p>Female and the minority are able to attend the stakeholder consultation and the operation of the Zhenjiang Phase II Project.</p> <p>However, the impact</p>	0

			is deemed to be insignificant and can be neglected. Thus this indicator scores zero.	
Quantitative employment and income generation	N/A	Goal1- Eradicate Extreme Poverty and Hunger	Project activity lead to employment generation during the construction of the plant. In addition, employment opportunities are provided to the technical trained staff for operation of the plant.  <b>Parameter:</b> Number of jobs created in the operations of the Zhenjiang Phase II Project and salary level.	+
Balance of payments and investment	N/A	Goal 8-Develop a Global Partnership for Development	China imports coal for power generation in recent years, but since the perceived displaced coal import is marginal to the total imports, the impact is deemed to be insignificant and can be neglected.	0
Technology transfer and technological self-reliance	N/A	Goal 8-Develop a Global Partnership for Development	No changes in technology transfer since the Zhenjiang Phase II Project is using domestically produced equipments. Thus this indicator	0

			scores neutral.	
<b>Justification choices, data source and provision of references</b>				
Air quality	<p>In the EIA report, it states that mitigation measure is applied to control the expected dust emission, such as wet damping and sprinkler, and that the Zhenjiang Phase II Project does not generate air pollution during operation.</p> <p>Please refer to the EIA report Page 18 of the Zhenjiang Phase II Project.</p>			
Water quality and quantity	<p>In the EIA report, it states that all the wastewater in project activity is treated before discharging.</p> <p>Please refer to the EIA report Page 20 of the Zhenjiang Phase II Project.</p>			
Soil condition	<p>According to the EIA report, the Zhenjiang Phase II Project does not impact on the soil condition.</p> <p>Please refer to the EIA report Page 11 of the Zhenjiang Phase II Project.</p>			
Other pollutants	<p>In the EIA report, it states that the pollutants are considered insignificant during the operation period. Mitigation measures are applied to Zhenjiang Phase II Project: construction operations and movement of traffic are restricted to daylight hours to avoid any discomfort for the nearby resident, and use equipment with low noise emissions during the construction.</p> <p>Please refer to the EIA report Page 19 of the Zhenjiang Phase II Project.</p>			
Biodiversity	<p>According to the EIA report, there are no big, rare and national protection animals and plants. The replanting of trees at the project site will be good to the local biodiversity. The ecosystem surround the project area is not endangered, the impacts deriving from the project activity is not significant on the biodiversity.</p> <p>Please refer to the EIA report Page 17 of the Zhenjiang Phase II Project.</p>			
Quality of employment	<p>Please refer to the Zhenjiang Phase II Project's operation manual and equipment purchasing contract. The operation manual that includes detailed training plans has been adopted by project owner to ensure the safety of employees, and professional skill training will be provided to the staff on-site by the equipment supplier at the early stage of the Zhenjiang Phase II Project. Besides, training records and certificates of operation staff will be also provided.</p>			
Livelihood of the poor	<p>According to the FSR report, the Zhenjiang Phase II Project will create both temporary and permanent jobs and will therefore bring income to the community. However, not all the local people will be employed by the Zhenjiang Phase II Project we think it will be difficult for all the poor to enjoy the benefits. Furthermore, we don't believe the Zhenjiang Phase II Project will have significant impact on children's health, health care, access to sanitation or</p>			

	<p>the parameters that we believe Livelihood of the Poor is measured by.</p> <p>Please refer to the FSR report Page 47 of the Zhenjiang Phase II Project.</p>
Access to affordable and clean energy services	<p>According to the FSR report, the Zhenjiang Phase II Project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in Jiangsu Province. The Zhenjiang Phase II Project will promote the use of solar photovoltaic electricity.</p> <p>Please refer to the FSR report Page 49 of the Zhenjiang Phase II Project.</p>
Human and institutional capacity	No significant change due to the project activity.
Quantitative employment and income generation	<p>According to the FSR report, the Zhenjiang Phase II Project provides job opportunities to the local people and as a result increases income generation in the region.</p> <p>Please refer to the FSR report Page 47 and Page 73 of the Zhenjiang Phase II Project, 10 permanent jobs were created by the project, and people hired for operation by this project will get an average salary of about 55,000 RMB/year, which is higher than the local salary level.</p>
Balance of payments and investment	No significant change due to the project activity.
Technology transfer and technological self-reliance	No change due to the project activity.

## SECTION G. Sustainability Monitoring Plan

[See Toolkit 2.4.3 and Annex I]

### Zhenjiang Phase I Project

No	1
Indicator	Quality of employment
Mitigation measure	N/A
<i>Repeat for each parameter</i>	
Chosen parameter	Operation and maintenance regulations are established or not. Relevant trainings are done or not.
Current situation of parameter	Operation and maintenance regulations are established, relevant trainings are held.

Estimation of baseline situation of parameter		The local employees are lack of qualification and skills as required for operation of the project activity while very few can meet the requirement.
Future target for parameter		Periodically training of staff employed in the maintenance and operations of the Zhenjiang Phase I Project emergency and safety procedures. Safety consciousness in the working place to avoid dangerous behavior and situations. All employees shall know the routines in case of an emergency after training.
Way of monitoring	How	Operation manual, professional certificates for workers and training records can be checked.
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No	2	
Indicator	Access to affordable and clean energy services	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Net electricity supplied to the grid by the Zhenjiang Phase I Project	
Current situation of parameter		
Estimation of baseline situation of parameter	3,797MWh supplied by the thermal power plants annually.	
Future target for parameter	The future target for parameter is that the annual net electricity supplied to the grid by the Zhenjiang Phase I Project reaches 3,797MWh.	
Way of monitoring	How	Project owner will monitor the net electricity supplied to the grid by the Zhenjiang Phase I Project according to the electricity meter
	When	Continuous
	By who	The project owner

No	3	
Indicator	Quantitative employment and income generation	

Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		Number of jobs created in the operations of the project and salary level.
Current situation of parameter		The local people are able to get jobs in the Zhenjiang Phase I Project and they can get a competitive payment above the local average salary level.
Estimation of baseline situation of parameter		The local income level in Jiangsu Province is 45,487 RMB / year for town people. See <a href="http://www.stats.gov.cn/tjsj/ndsj/2012/indexch.htm">http://www.stats.gov.cn/tjsj/ndsj/2012/indexch.htm</a> .
Future target for parameter		When the Zhenjiang Phase I Project put into operation, the Zhenjiang Phase I Project offers a limited but qualified job positions and paying salaries not lower than the local average salary level.
Way of monitoring	How	Monitor number of employees by checking the organization chart, and monitor the salary level by checking the labor contract or payroll.
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No		4
Indicator		Air quality
Mitigation measure		Wet damping and sprinkler are applied to control the expected dust emission during the construction.
<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		N/A
Way of monitoring	How	Interview with local residents who live near the Zhenjiang Phase I Project or check the Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).

	When	During the first verification
	By who	Monitored by the project owner and verified by DOE

No	5	
Indicator	Water quality and quantity	
Mitigation measure	Washing wastewater is treated in waste water management system before discharged.	
<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	All waste water cannot be discharged without treatment.	
Way of monitoring	How	Interview with the authority from local Environmental Protection Bureau or check with Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No	6	
Indicator	Soil condition	
Mitigation measure	Replantation in the affected places is conducted after the completion of the construction work.	
<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		N/A
Way of monitoring	How	Interview with local residents who live near the Zhenjiang Phase I Project or check the Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	During the first verification
	By who	Monitored by the project owner and verified by DOE

No	7	
Indicator	Other pollutants	
Mitigation measure	<p>Construction operations and movement of traffic are restricted to daylight hours to avoid any discomfort for the nearby resident.</p> <p>Use equipment with low noise emissions during the construction.</p>	
<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	N/A	
Way of monitoring	How	Interview with local residents who live near the Zhenjiang Phase I Project or check the Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	During the first verification
	By who	Monitored by the project owner and verified by DOE

### Zhenjiang Phase II Project

No	1
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Indicator		Quality of employment
Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		Operation and maintenance regulations are established or not.  Relevant trainings are done or not.
Current situation of parameter		Operation and maintenance regulations are established, relevant trainings are held.
Estimation of baseline situation of parameter		The local employees are lack of qualification and skills as required for operation of the project activity while very few can meet the requirement.
Future target for parameter		Periodically training of staff employed in the maintenance and operations of the Zhenjiang Phase II Project on emergency and safety procedures.  Safety consciousness in the working place to avoid dangerous behavior and situations. All employees shall know the routines in case of an emergency after training.
Way of monitoring	How	Operation manual, professional certificates for workers and training records can be checked.
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No	2
Indicator	Access to affordable and clean energy services
Mitigation measure	N/A
<i>Repeat for each parameter</i>	
Chosen parameter	Net electricity supplied to the grid by the Zhenjiang Phase II Project
Current situation of parameter	
Estimation of baseline situation of parameter	10,837MWh supplied by the thermal power plants annually.
Future target for parameter	The future target for parameter is that the annual net electricity supplied to the grid by the Zhenjiang Phase II Project reaches

		10,837MWh.
Way of monitoring	How	Project owner will monitor the net electricity supplied to the grid by the Zhenjiang Phase II Project according to the electricity meters
	When	Continuous
	By who	The project owner

No		3
Indicator		Quantitative employment and income generation
Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		Number of jobs created in the operations of the project and salary levels.
Current situation of parameter		The local people are able to get jobs in the Zhenjiang Phase II Project and they can get a competitive payment above the local average salary level.
Estimation of baseline situation of parameter		The local income level in Jiangsu Province is 45,487 RMB / year for town people. See <a href="http://www.stats.gov.cn/tjsj/ndsj/2012/indexch.htm">http://www.stats.gov.cn/tjsj/ndsj/2012/indexch.htm</a> .
Future target for parameter		When the Zhenjiang Phase II Project put into operation, the Zhenjiang Phase II Project offers a limited but qualified job positions and paying salaries not lower than the local average salary level.
Way of monitoring	How	Monitor number of employees by checking the organization chart, and monitor the salary level by checking the labor contract or payroll.
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No		4
Indicator		Air quality
Mitigation measure		Wet damping and sprinkler are applied to control the expected dust emission during the construction.

<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		N/A
Way of monitoring	How	Interview with local residents who live near the Zhenjiang Phase II Project or check the Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	During the first verification
	By who	Monitored by the project owner and verified by DOE

No		5
Indicator		Water quality and quantity
Mitigation measure		Washing wastewater is treated in waste water management system before discharged.
<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		All waste water cannot be discharged without treatment.
Way of monitoring	How	Interview with the authority from local Environmental Protection Bureau or check with Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	Whenever the proposed bundled project is verified.
	By who	Monitored by the project owner and verified by DOE

No	6	
Indicator	Other pollutants	
Mitigation measure	Construction operations and movement of traffic are restricted to daylight hours to avoid any discomfort for the nearby resident.  Use equipment with low noise emissions during the construction.	
<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	N/A	
Way of monitoring	How	Interview with local residents who live near the Zhenjiang Phase II Project or check the Examination and Acceptance of Environmental Protection (if available), or related supervision record/document from local Environmental Protection Bureau or other environmental supervision party (if available).
	When	During the first verification
	By who	Monitored by the project owner and verified by DOE

**Additional remarks monitoring**

N/A

## SECTION H. Additionality and conservativeness

This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance

### H.1. Additionality

[See Toolkit 2.3]

N/A

### H.2. Conservativeness

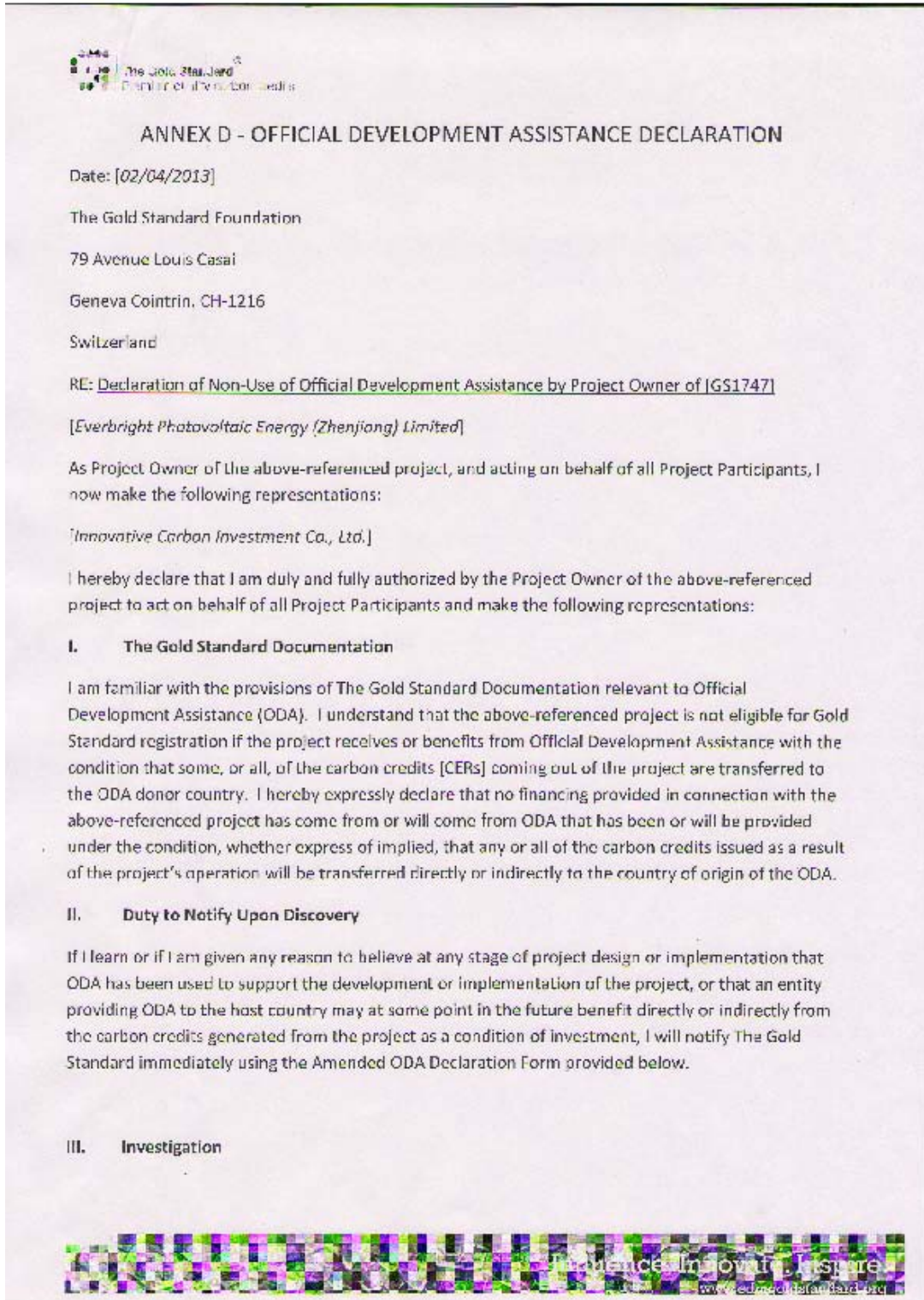
[See Toolkit 2.2]

Considering the conservative principle, the data vintage of the emission factor is updated according to the 2012 Baseline Emission Factors for Regional Power Grids in China published by China DNA on Oct. 15, 2012. Please refer to the ER sheet for details.

## ANNEX 1 ODA declaration

### [See Toolkit Annex D]

The proposed bundled project has not received any Official Development Assistance (ODA) Funds defined in the Gold Standard Manual.



The Gold Standard  
Premium quality carbon credits

**ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION**

Date: [02/04/2013]

The Gold Standard Foundation  
79 Avenue Louis Casai  
Geneva Cointrin, CH-1216  
Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of [GS1747]  
[Everbright Photovoltaic Energy (Zhenjiang) Limited]

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

[Innovative Carbon Investment Co., Ltd.]

I hereby declare that I am duly and fully authorized by the Project Owner of the above-referenced project to act on behalf of all Project Participants and make the following representations:

**I. The Gold Standard Documentation**

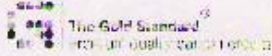
I am familiar with the provisions of The Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance with the condition that some, or all, of the carbon credits [CERs] coming out of the project are transferred to the ODA donor country. I hereby expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

**II. Duty to Notify Upon Discovery**

If I learn or if I am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity providing ODA to the host country may at some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

**III. Investigation**

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www.cdmgoldstandard.org



The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

#### IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed: Xu Yong  
Name: Yong Xu  
Title: Technical Director  
On behalf of: Innovative Carbon Investment Co., Ltd.  
Place: Beijing

