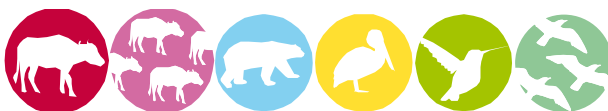


ANNEX R – PASSPORT TEMPLATE

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: Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited

Date: 24/12/2013

Version no.: 03

SECTION B. Project description

[See Toolkit 1.6]

Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited (hereafter referred to as “the proposed project”) developed by Everbright Alternative Energy (Dangshan) Limited (hereafter referred to “the project owner”) is a biomass utilization project located in Dangshan Country, Anhui Province, China. The project is to utilize branches and wood scrap to generate electricity and supply to East China Power Grid.

The implementation of the proposed project will utilize 356,850 tonnes of biomass residues (with dry basis of 210,185 tons) totally. The branches are from fruit trees, dominated by pear and the rest are apple and peach trees. The proportion of each category is: 30% of pear branches, 10% of apple branches, 10% of peach branches and 50% of wood scrap respectively. Before the proposed project is implemented, branches and wood scrap were dumped and left to be decay or burnt in an uncontrolled manner; while the equivalent electricity was generated from the East China Power Grid. This is also the baseline scenario of the proposed project.

The proposed project involves installation of one 130t/h high pressure and high temperature biomass combustion boiler and one set of 30MW steam turbine and power generator. The total installed capacity of the proposed project is 30MW. It is estimated that the project can generate 234,000 MWh by consuming 356,850 tons of biomass residues. The estimated emission reductions are 162,647 tCO₂e per year by avoiding CO₂ emission from fossil fuel-fired power plants in the East China Power Grid and the CH₄ emission from natural decay or burning biomass residues in an uncontrolled manner.

The construction of the proposed project started on 26/09/2010. Power unit started the commercial operation on 22/09/2011.

And the proposed project was registered as a CDM project on 08/08/2011 with the registry number 4079.

The proposed project will produce social and environmental benefits and contribute to the sustainable development of the local area through the following aspects:

- Reduce GHG emissions compared to a business-as-usual scenario;
- Save coal and other fossil fuels used in the power sector, and correspondingly reduce SO₂ and

NO_x emissions;

- Reduce the wastage of biomass resources which are currently being dumped and burnt;
- Stimulate the biomass industry in China, including domestic manufacturing;
- Create local employments during the assembly and installation, and during the operation of the plant.

The start date of the proposed project is 12/08/2010, when the main equipment (boiler) purchased agreement was signed.

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
	x	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

	☐
---	--------------------------

Validators/ Verifiers	Gold Standard Secretariat and Technical Advisory Committee	Project participants			
		Type	Scale		
			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?	×	☐
Does your project activity classify as an End-use Energy Efficiency Improvement project?	☐	×
Does your project activity classify as waste handling and disposal project?	☐	×

Please justify the eligibility of your project activity:

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

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

Scale of project: The proposed project is a biomass utilization project with a capacity of 30 MW thus it can be classified as Gold Standard large scale project (see PDD).

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

Type of project: The proposed 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 project is to utilize branches and wood scrap that were dumped and left to be decay or burnt in an uncontrolled manner to generate electricity to replace equivalent 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 and avoid methane that would have been emitted. Carbon dioxide and methane are the greenhouse gases eligible under the Gold Standard.

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

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

The project also complies with the specific project eligibility for biomass power generation project in Annex C, as shown in the following table:

No.	Specific project eligibility	Justification and provision of references
-----	------------------------------	---

1	The project makes use of renewable biomass resource.	The biomass residues used in the project activity are from a renewable source: all residues are branches and wood scrap that were dumped and left to be decay or burnt in an uncontrolled manner. Please refer to Page90 of the FSR report.
2	The project makes use of surplus biomass for each type of biomass resources used, and does not make use of biomass resources already in use.	The biomass residues used in the proposed project were not used previously to the commencement of the proposed project. Please refer to Page 4 and Page90 of the FSR report, and the Biomass Resource Collection Report completed in 2013.
3	The project will only make use of degraded land.	The land used in the project is industrial land which was not used for growing food previous to the implementation of the proposed project, therefore, the land used in the project is the degraded land. Please refer to Page 123 of the EIA report, and the Land certificate.
4	Activities making use of GMOs shall declare so in a transparent way. Local stakeholders opinion on GMOs shall prevail and appropriate mitigation measures shall be put in place to address their concerns, if any, in a satisfactory way.	Not applicable. The project does not make use of GMOs. Please refer to Page90 of the FSR report.
5	Avoidance of methane from biomass decay shall be eligible as long as biomass is used as a substitution for non-renewable fuels in project activities delivering energy services or for the production of usable product with sustainable development benefits (e.g. composting).	Avoidance of methane from biomass decay is eligible since the project uses the biomass residues for power generation. Please refer to Page90 of the FSR report.
6	The use of non-renewable fuel in biomass heat and/or electricity generation plants is authorized as long as the renewable fuel share reaches 50% after the first 3 years of operation for retrofit projects, and represents 80% from the outset for Greenfield projects.	Not applicable. The proposed project does not co-fire fossil fuel to generate electricity. Please refer to Page90 of the FSR report.

7	The eligibility of activities making use of Palm oil and/or palm oil mill by-products or residues for electricity and/or heat generation, and/or for biofuel production shall be evaluated on a case-by-case basis by the Gold Standard Foundation, in light of a Pre-feasibility assessment.	Not applicable. The project does not make use of Palm oil and/or palm oil mill by-products or residues. Please refer to Page90 of the FSR report.
---	---	---

Pre Announcement	Yes	No
Was your project previously announced?	☐	x
There has been no pre-announcement statement regarding the execution of the proposed 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 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 08/08/2011, registry number is 4079, the link URL is: http://cdm.unfccc.int/Projects/DB/CEC1288227461.73/view		

C.4. Greenhouse gas

[See Toolkit 1.2.d]

Greenhouse Gas	
Carbon dioxide	x
Methane	x
Nitrous oxide	☐

C.5. Project Registration Type

[See Toolkit 1.2.f]

Project Registration Type	
Regular	☐

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	☐	☐

If Retroactive, please indicate Start Date of project activity: 12/08/2010

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

[See Toolkit 1.6]

	Coordinates
Latitude	34°24'56"N
Longitude	116°24'56"E



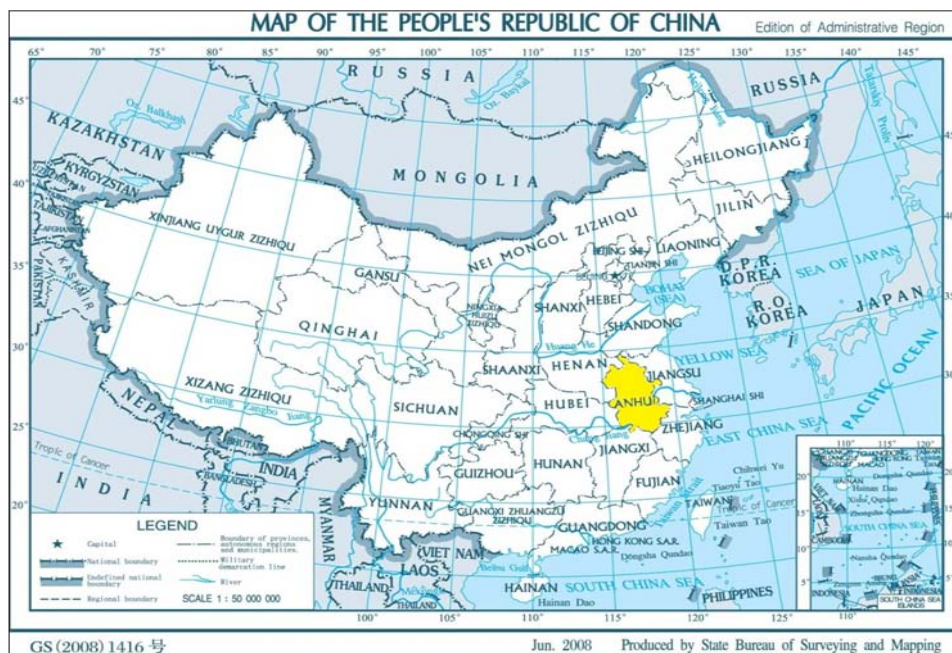
Explain given coordinates

The given coordinates belong to the location of the power plant.

D.2. Map

[See Toolkit 1.6]

The Location of Anhui Province in China



The Location of Suzhou in Anhui Province



The Project Location

SECTION E. Outcome stakeholder consultation process

E.1. Assessment of stakeholder comments

As the proposed 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.

E.2. Stakeholder Feedback Round

Since the proposed 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, 26 June 2013 at the Project Office, Economy development district, Dangshan county, Suzhou, Anhui province, China.

The public invitation was send out via public notices on 22/05/2013. The detail invitation information is like below:

Notice on the GS Stakeholder Consultation Meeting of Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited

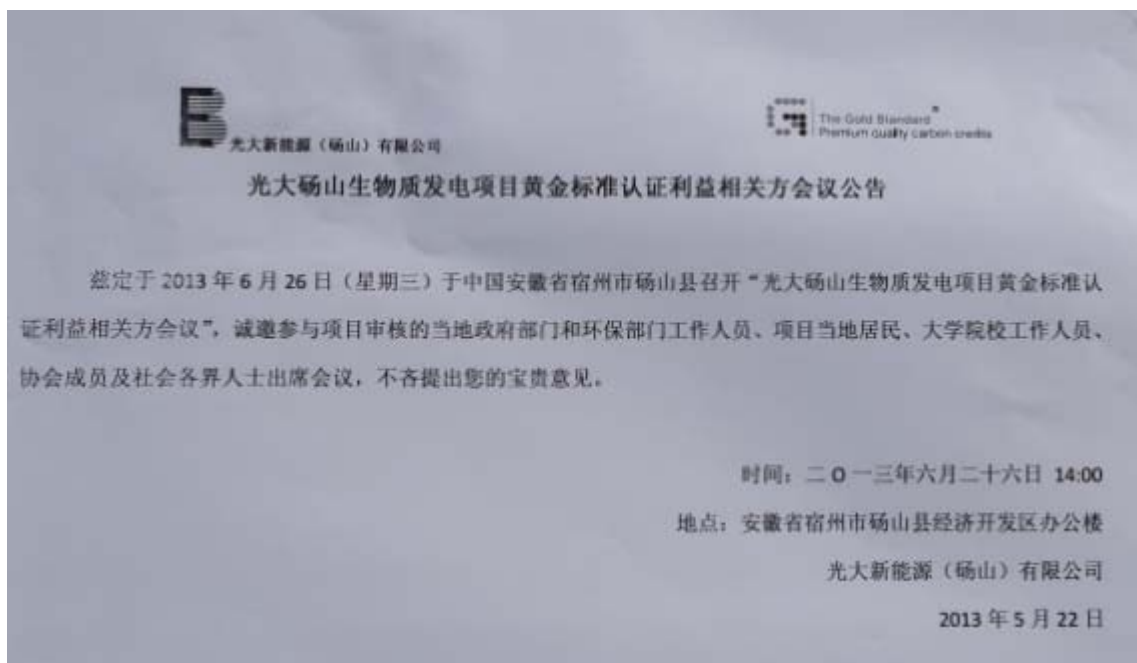
The GS Stakeholder Consultation Meeting of Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited will be hold 14:00, 26 June 2013 at the Project Office, Economy development district, Dangshan county, Suzhou, Anhui province, China. We sincerely invite the local resident, 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, 26 June 2013

Place: Project Office, Economy development district

Everbright Alternative Energy (Dangshan) Limited

22 May 2013



The Project owner has also invited the commissioner of Dangshan County Development and Reform Commission, the vice-director of Dangshan County Environmental Protection Agency, and the teacher of Everbright Dangshan School as the local NGO, to attend the stakeholder feedback consultation meeting via email on 22/05/2013:

Dear all,

Greetings! I kindly represent the Everbright Alternative Energy (Dangshan) Limited to invite you to attend the GS Stakeholder Consultation Meeting of Biomass 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, 26 June 2013

Place: Project Office, Economy development district, Dangshan county, Suzhou, Anhui province, China.

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

Best Regards!

Everbright Alternative Energy (Dangshan) Limited

领导

您好！

我代表光大新能源（砀山）有限公司诚邀您参加定于2013年6月26日于中国安徽省宿州市砀山县召开“光大砀山生物质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：二〇一三年六月二十六日 14:00

地点：安徽省宿州市砀山县经济开发区办公楼

另附上项目非技术概要文件，请参考。

祝好！

光大新能源（砀山）有限公司

All of them have attended this Stakeholder feedback round meeting. None of them has raised any comments on the proposed project during the meeting.

Ms. Sun Cuihua, officer of National Development and Reform Commission was invited to attend the stakeholder feedback consultation meeting. The text below is the individual invitation sent via Email on 09/06/2013:

Dear all,

Greetings! I kindly represent the Everbright Alternative Energy (Dangshan) Limited to invite you to attend the GS Stakeholder Consultation Meeting of Biomass 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, 26 June 2013

Place: Project Office, Economy development district, Dangshan county, Suzhou, Anhui province, China.

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

Best Regards!

ICI

您好,

我代表光大新能源(砀山)有限公司生物质能发电项目的咨询方诚邀您参加定于2013年6月26日于中国安徽省宿州市砀山县召开“光大砀山生物质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。同时,此项目已经委托联碳创鑫国际投资管理(北京)有限公司进行“黄金标准——清洁发展机制(GS-CDM)”申报开发,特此汇报。

会议相关信息如下:

时间:二〇一三年六月二十六日 14:00

地点:安徽省宿州市砀山县经济开发区办公楼

另附上项目非技术概要文件,请参考。

祝好,
联碳创鑫

Ms. Sun Cuihua has not attended this Stakeholder feedback round 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 09/06/2013:

Dear Sir/Madam,

Greetings! I kindly represent the Project consultant of Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited, China, to invite you as a NGO Organization or local GS expert to attend the Stakeholder Consultation Meeting of the project's Gold Standard Retroactive registration process at Project Office, Economy development district, Dangshan county, Suzhou, Anhui Province, China. The PDD, the GS Passport and the non-technical summary were 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 about the meeting followed below:

14:00pm, 26 June 2013, at Project Office, Economy development district, Dangshan county, Suzhou, Anhui province, China.

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

Best Regards!
Alice Yang

Innovative Carbon Investment

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

None of them attend this Stakeholder feedback round meeting.

Before the meeting, the proposed project was listed under the GS on 12/06/2013, and the GS passport and PDD of the proposed project have been made public for comments on 12/06/2013. The Stakeholder Feedback Requesting Email has been sent out to the stakeholders on 14/06/2013, thus, the SFR was from 14/06/2013 to 14/08/2013.

The Stakeholder Feedback Requesting Email has been sent to Ms. Sun Cuihua, officer of National Development and Reform Commission, the commissioner of Dangshan County Development and

Reform Commission, the vice-director of Dangshan County Environmental Protection Agency, and the teacher of Everbright Dangshan School as the local NGO on 14/06/2013. Thus 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 Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited (Project ID Number GS2420) by Everbright Alternative Energy (Dangshan) Limited.

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

http://mer.markit.com/br-reg/public/project.jsp?project_id=103000000004033

Please note that you can send your comments on the project directly to the email address alice.yang@mailici.com until the 14th of August 2013. Many thanks.

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

Best regards,

Alice Yang

您好,

我代表光大新能源(杨山)有限公司,诚邀您对光大杨山生物质发电项目(项目ID: GS2420)进行评价,项目信息和文件已经公示在以下网址上:
http://mer.markit.com/br-reg/public/project.jsp?project_id=103000000004033

如有任何问题或意见,请在2013年8月14日前发送至邮箱: alice.yang@mailici.com, 谢谢。

另附上项目非技术概要。

祝好,

杨瑾

Innovative Carbon Investment

The Stakeholder Feedback Requesting Email has also been sent to the address below: Bella.Roscher@wwf.org(WWF), supporter.services.int@greenpeace.org(GREENPEACE), helio@helio-international.org(HELIO), jjarvie@mercy corps.org (Mercy corps), katrin.harvey@reeep.org(REEEP), 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 **Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited**. It is being developed as a Gold standard Clean Development Mechanism (GS-CDM) project activity (Project ID Number GS2420).

Project information and project documentation including the project design document (PDD) and GS passport are available in the Gold Standard Registry (link below):
http://mer.markit.com/br-reg/public/project.jsp?project_id=103000000004033

Please note that you can send your comments on the project directly to the email address alice.yang@mailici.com until the 14th of August 2013.

The PDD is also available on the UNFCCC website (link below):
<http://cdm.unfccc.int/Projects/DB/CEC1288227461.73/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.

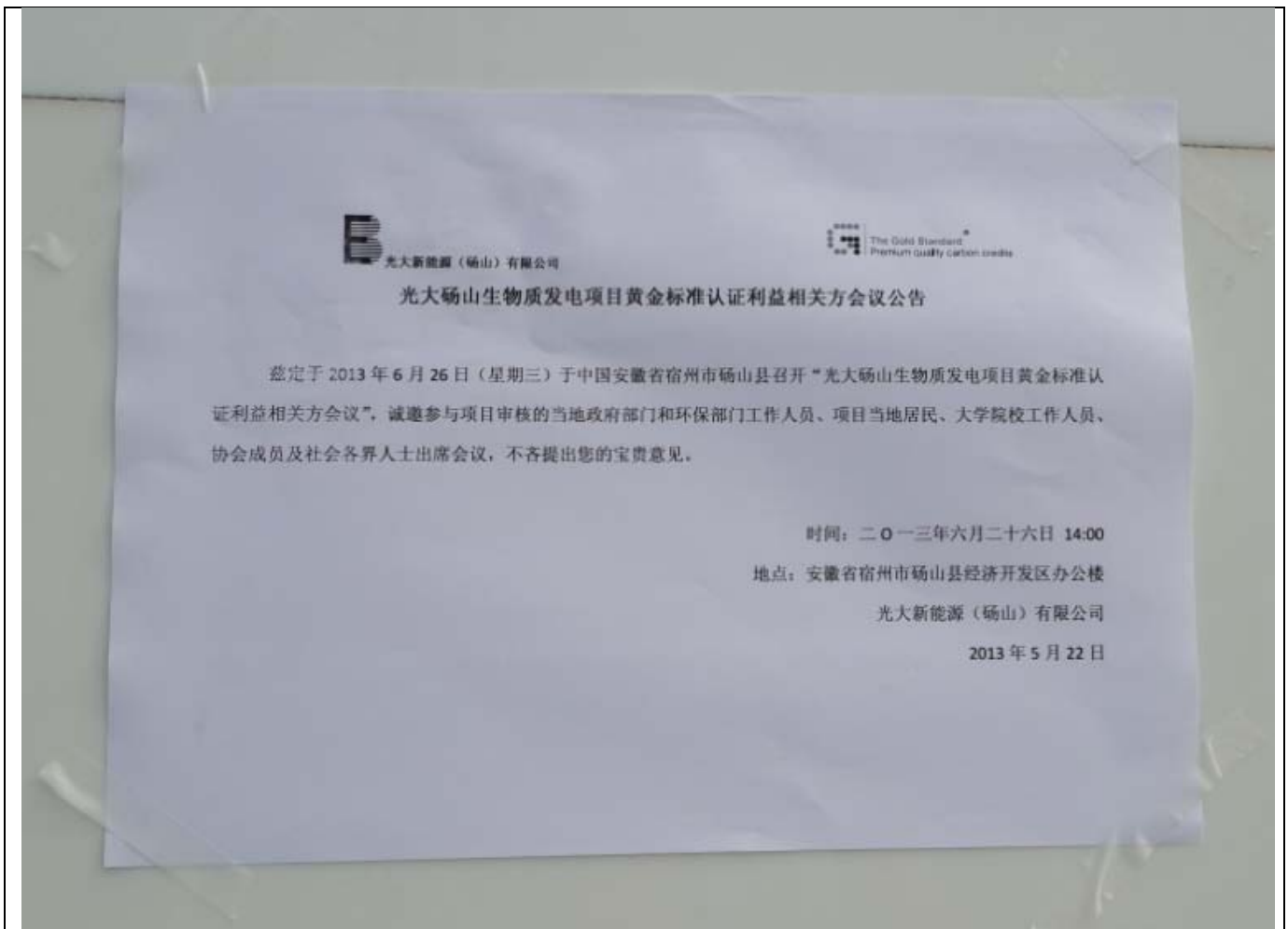
My telephone number is +86-18900785159.

Best regards,
Alice Yang

Innovative Carbon Investment

Before the meeting, the notice was published at the project site.





The Non-technical summary was delivered to the local stakeholders at the meeting on 26/06/2013.

Biomass Power Generation Project by Everbright Alternative Energy (Dangshan) Limited (hereafter referred to as "the proposed project") developed by Everbright Alternative Energy (Dangshan) Limited (hereafter referred to "the project owner") is a biomass utilization project located in Dangshan Country, Anhui Province, China. 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. The project is to utilize branches and wood scrap to generate electricity and supply to East China Power Grid.

The implementation of the proposed project will utilize 356,850 tonnes of biomass residues totally. The branches are from fruit trees, dominated by pear and the rest are apple and peach trees. The proportion of each category is: 30% of pear branches, 10% of apple branches, 10% of peach branches and 50% of wood scrap respectively. Before the proposed project is implemented, branches and wood scrap were dumped and left to be decay or burnt in an uncontrolled manner; while the equivalent electricity was generated from the East China Power Grid. This is also the baseline scenario of the proposed project.

The proposed project involves installation of one 130t/h high pressure and high temperature biomass combustion boiler and one set of 30MW steam turbine and power generator. The total installed

capacity of the proposed project is 30MW. It is estimated that the project can generate 234,000 MWh and provide 217,620 MWh to the grid by consuming 356,850 tons of biomass residues.

Now the proposed bundled project is put into operation, and it avoids CO₂ emission from fossil fuel-fired power plants in the East China Power Grid and the CH₄ emission from natural decay or burning biomass residues in an uncontrolled manner.

项目非技术概要

光大新能源（砀山）有限公司生物质能发电项目（以下简称本项目）位于安徽省宿州市砀山县。本项目利用当地废弃的果树枝条（梨树、桃树、苹果树）和板材加工边角料发电供给华东电网。

本项目实施后，每年燃烧生物质总量约 36 万吨（干重约 24 万吨），其中梨树枝条占 30%，苹果树枝条占 10%，桃树枝条占 10%，边角料占 50%。在本项目实施之前，各县的果树枝条和板材加工边角料的利用率很低，基本没有商业开发利用，一般都废弃在果木园区和板材和加工厂外；本项目提供的电量由华东电网的电厂供给。这也是本项目的基准线情景。

本项目装机容量 30MW，安装 1 台 130 t/h 炉排直燃锅炉、配 1 台 30MW 凝气式汽轮发电机组。项目实施后每年消耗生物质量约 36 万吨，年发电量 2.34 亿度，年净上网电量 2.18 亿度。

现在项目已经投产，已经并将继续通过替代以化石燃料电厂为主的华东电网的部分电力以及避免生物质腐烂产生的甲烷排放来实现减排效应。

The project owner introduced the project and the non-technical summary to the local stakeholders.



The local stakeholders were finishing the SD Matrix Questionnaires.





The meeting participant list

利益相关方征询会议参会者签到表
Participant list stakeholder consultation

日期时间: 26/06/2013
Date and time: 26/06/2013

地点: 安徽省滁州市凤阳县经济开发区办公楼
Location: Project Office, Economy development district, Dongshan county, Suzhou, Anhui province, China.

序号 No.	与会者姓名 Name participant	职务 Job/position	性别 Male/ female	签名 Signature	所在机构 Organization	联系方式 Contact details
1	陈文市	政府	男	陈文市	凤阳县政府	8812289
2	王德立	副县长	男	王德立	凤阳县政府	8085836
3	王德立	副县长	男	王德立	凤阳县政府	110957110
4	曹顺利	工人	男	曹顺利	凤阳县政府	595917
5	曹顺利	工人	男	曹顺利	凤阳县政府	1396562268
6	曹顺利	工人	女	曹顺利	凤阳县政府	186259035
7	曹顺利	工人	女	曹顺利	凤阳县政府	186259035
8	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
9	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
10	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
11	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
12	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
13	曹顺利	工人	男	曹顺利	凤阳县政府	186259035
14	曹顺利	工人	男	曹顺利	凤阳县政府	186259035

序号 No.	与会者姓名 Name participant	职务 Job/position	性别 Male/ female	签名 Signature	所在机构 Organization	联系方式 Contact details
24	范梅芳	农民	女	范梅芳		13085572311
25	范梅芳	农民	男	范梅芳		13955513035
26	范梅芳	农民	男	范梅芳		1875118015
27	范梅芳	工人	女	范梅芳	凤阳县政府	1585629514
28	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
29	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
30	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
31	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
32	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
33	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
34	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
35	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
36	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
37	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
38	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
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43	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
44	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514
45	范梅芳	工人	男	范梅芳	凤阳县政府	1585629514



Questionnaire of the project

光大新能源(杨山)有限公司 项目调查表(社区参与及利益相关)

以下表格请您打勾或填写

一、基本信息

姓名(均务必用正楷填写)	舒旭光
性别	☒ 男 ☐ 女
年龄	25
民族	汉
职业	☐ 农民 ☒ 工人 ☐ 公务员 ☐ 教师 ☐ 学生
文化程度	☐ 小学及以下 ☐ 初中 ☒ 高中 ☐ 中专 ☐ 大学及以上
家庭住址(当地居民填写)	皖苏山县长乐镇舒楼
项目简介	光大新能源(杨山)有限公司生物天然气发电项目位于安徽省宿州市杨山县,项目利用当地废弃的果树枝条(梨树、桃树、苹果树)和机材加工边角料发电供应华东电网。 项目装机容量 30MW, 安装 1 台 130 t/h 炉排直燃锅炉, 配 1 台 30MW 燃气式汽轮发电机组。项目实施后每年消耗生物质量约 36 万吨, 年发电量 2.34 亿度, 年净上网电量 2.18 亿度。
您对本项目的了解程度如何?	☐ 非常了解 ☒ 听说过 ☐ 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?	☐ 政府官员 ☒ 当地居民 ☐ 当地非政府组织 ☐ 国际非政府组织 ☐ 国家发改委 ☐ 当地黄金标准专家 ☐ 项目员工 ☐ 其他

二、可持续发展领域相关参数部分

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。空气质量指衡量项目活动造成的主要空气污染物(颗粒物、氮化物及其他可吸入颗粒物)的浓度进行估算。	您认为该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。	☐ 是 ☒ 否 ☐ 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用性和可用性贡献, 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。	☐ 是 ☒ 否 ☐ 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), 根据基准线评估项目	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	☐ 是 ☒ 否 ☐ 不清楚



光大新能源（唐山）有限公司		项目黄金标准认证书相关方调查	
	对流域和区域的水质。水质将依据项目活动造成的主要污染物（包括BOD、COD、总磷、氨、氮、重金属等）浓度来衡量。	描述具体影响。	
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、侵蚀以及土地使用用途的变化来衡量。	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。	☒ 是 ☐ 不清楚
其他 污染物	此指标用来评估项目对土壤造成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噪音污染和噪声污染？如果是，请描述具体情况。	☒ 是 ☐ 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、当地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栖息地，从而导致物种灭绝或濒危灭绝？如果是，请描述具体的生态破坏情况及受到威胁的物种。	☒ 是 ☐ 不清楚
社会可持续性制发展			
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否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，且您是否认为项目工作工资会较高？	☒ 否 ☐ 不清楚
贫困 人口 生活	此指标用来评估项目对贫困减轻的影响。此指标由若干子指标组成，与子指标与项目无关联。	您认为该项目的建设运行是否有助于缓解当地贫困状况及改善贫困人口的生活水平？	☐ 是 ☒ 否 ☐ 不清楚



光大富维源（福建）有限公司



CDM Project #1812

项目温室气体减排项目基线及监测

状况	则可以忽略。 1) 贫困人口比例: 此指标由项目对贫困减轻的影响。 2) 贫困人口的生活: 这个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应得的被排斥的社会群体。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（以项目开始前为标准）——和定性评价——增加的机会——相结合。 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得性的一个指标。它通过与基准线相比额外获得使用权的人数来衡量。 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。 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）。		
能源服务使用	项目为提高可靠和可负担的清洁能源服务的覆盖而提供了一个重要的机会，尤其是对贫困人口和农村地区。在透明的框架。还应考虑能源供给保障（衡量一个国家与基准线相比，获得	您认为该项目的建设运行是否能为当地提供清洁能源。即：廉价的电力？	yes no 不清楚



光大金标准（碳金）有限公司



CDM 项目注册与执行

项目注册与执行认证与相关方沟通

	用于社会服务和经济发展的清除的能力指标)。		
个人与社区能力	这个指标用于评估项目在提高当地居民和社区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。 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度方面的贡献。 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。 性别平等: 这个分指标用于衡量项目的活动要求或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。	您认为该项目的建设运行是否提高了当地居民和社区团体参与社会和经济发展的能力?	是 否 不清楚
经济与科技发展			
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就业数量计算。	您认为该项目的建设运行是否在当地提供了额外的就业机会?	是 否 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?	是 否 不清楚
技术自主性	技术方面的投资由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少反映了技术自主性和技术转移的增加。	您认为该项目的建设运行是否会引起技术转移?	是 否 不清楚



无人区能源（鞍山）有限公司 项目黄金标准认证用利益相关方问卷

三、利益相关方部分

项目是否按照国家劳动法规定的工作时间和安排工作？	☒ 是	☐ 否	☐ 不清楚
项目是否雇用童工？	☐ 是	☒ 否	☐ 不清楚
项目是否雇用少数民族员工？	☐ 是	☒ 否	☐ 不清楚
项目是否为男性和女性员工提供了相同的就业机会和待遇？	☒ 是	☐ 否	☐ 不清楚
项目是否涉及拆迁？如果是，请描述拆迁补偿情况。	☐ 是	☒ 否	☐ 不清楚

四、环境影响部分

您认为本项目的主要环境问题是什么？	☒ 无重大影响 ☐ 空气污染 ☐ 噪音污染 ☐ 水污染 ☐ 电磁干扰 ☐ 景观破坏 ☐ 文物古迹破坏 ☐ 生态 环境破坏 ☐ 植被破坏 ☐ 土地占用 ☐ 其他，请说明		
您对已制定的环境影响减缓措施是否满意？	☒ 是	☐ 否	☐ 不知道
您认为本项目是否能促进当地经济？	☒ 是	☐ 否	☐ 不知道

五、结论部分

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？	☒ 积极的	☐ 消极的	☐ 不知道
您支持本项目的建设吗？	☒ 支持	☐ 不支持	
您对于本项目是否还有其他意见和提议？如有请说明。			

请将填写好的问卷交回。感谢您抽出宝贵的时间填写问卷！

请填写在此处签名

Summary of the questionnaires:

30 copies of questionnaires (the questionnaire including the blind SD Matrix Exercises) for the proposed project were delivered to the attendees. After the feedback round meeting, up to 30 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 the proposed project has no need to be revised.

None of these NGOs and local people (including the government staffs) has raised any comments on the 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	Project Office, Economy development district, Dangshan county, Suzhou, Anhui	The project office is a central place that will be known to local stakeholders.
Telephone access	Project Office: 0086-557-8819507 Contact person: Weihua Huang	Mr. Huang is in charge of the proposed project and can directly receive input.
Internet/email access	Huangwh@ebchinauntl.com.cn	Mr. Huang is in charge of the proposed 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]

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> ¹ 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 proposed project. It has been confirmed that no involuntary resettlement has occurred as a consequence of the project activity according to the EIA report Page 123.	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 102.	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 Labour Law of the People's Republic of China ² (July 1994) and Law of the People's Republic of China on Employment Contract ³ respect the right of freedom of association and collective bargaining to employees. The proposed project fully respects the employees' rights in accordance with all labour related laws endorsed within P.R. China.	Low	N/A
5 The project does not involve and is not	The labour law of People's Republic of China(July 1994) and Law of the People's Republic of	Low	N/A

¹ http://www.npc.gov.cn/englishnpc/Law/2007-12/05/content_1381903.htm

² http://www.gov.cn/banshi/2005-05/25/content_905.htm

³ http://www.molss.gov.cn/gb/news/2007-06/30/content_184630.htm

complicit in any form of forced or compulsory labour.	China on Employment Contract forbid for any form of forced or compulsory labour.		
6 The project does not employ and is not complicit in any form of child labour.	The Provisions on Prohibition of Child Labour⁴(December 2002) forbid for any form of child labour. The proposed project abides the rules accordingly and no child labour is employed in the proposed 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)⁵forbid for any form of discrimination based on gender. The Labour 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 proposed 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 environments.	The Labour Law of the People's Republic of China (July 1994) and Law of the P.R. of China on Work Safety⁶ (June 2002) forbid exposing workers to unsafe or unhealthy work environments. The proposed project provides workers with Safe and healthy working conditions.	Low	N/A

⁴ http://www.npc.gov.cn/englishnpc/Law/2007-12/14/content_1384273.htm

⁵ http://www.npc.gov.cn/englishnpc/Law/2007-12/13/content_1384122.htm

⁶ http://www.npc.gov.cn/englishnpc/Law/2007-12/06/content_1382127.htm

	The project owner provides the mask/protective gear for the workers handling the biomass residues and transports the biomass residues in covered manner.		
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 proposed 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 proposed 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 ⁷ . No corruption existed in the proposed project	Low	N/A
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			

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

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).

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 www.undp.or/mdg and www.mdgmonitor.org 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	During construction, water sprinkler and dust screens are applied to control the expected dust emission. During operation, the cyclone filter and bag filter are installed to reduce the emissions of fly ash and particulate matter (PM). The residues from the filter are	Goal7- Ensure Environmental Sustainability	The proposed 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 SO ₂ . Therefore, in comparison with the baseline scenario of thermal power generation, there is	0

	mixed with the residues from the boiler and put into comprehensive utilization. Use of low NO_x combustion technology. Use of enclosed conveyors for transporting ash. During the transportation of biomass residues, solutions including the application of complete close structure for trestles and storage sheds, installation of dust remover at the hopper of boiler, frequent cleaning of the vehicles, transportation in covered-manner, and frequent cleaning of the roads are undertaken.		a reduction in the emission volume of pollutants. And considering the atmospheric pollutants can be mitigated by the mitigation measures, this indicator is scored neutral.	
Water quality and quantity	The wastewater is treated in the waste water management system of Dangshan County before discharged.	Goal7- Ensure Environmental Sustainability	The waste water produced in the plant will be treated before being discharged, so the proposed project has no negative impact. Therefore, we score this indicator neutral.	0

Soil condition	Replantation in the affected places is conducted after the completion of the construction work.	Goal7- Ensure Environmental Sustainability	The soil condition was only affected during the construction of the proposed project. However the land used to build the proposed project is industrial land, which is not the prime cropland, so there won't be much vegetation. Thus, soil quality, erosion and land use are not affected by the project. And considering that the replantation in the affected places was conducted and the construction was now finished, the impact therefore is considered low. Therefore, we score this indicator neutral.	0
Other pollutants	During construction, the construction work and traffic are restricted to daylight hours to avoid any discomfort for the nearby resident. Ask the drivers to reduce the use of horns. Use equipment with low noise	Goal7- Ensure Environmental Sustainability	During the construction period, the proposed project generated some noise pollution. However, the suggestions in the EIA were adopted and the constructions are now finished. During the operation period, the pollutants are considered insignificant. The proposed project reduces other	0

	emissions. Use covers/silencers for machinery. During operation, use the covers/silencers for machinery. Choose machinery with lower noise levels. Provide protective gears to workers. Restrict movement of traffic to daylight hours to avoid any discomfort for the nearby resident. Ask the drivers to reduce the use of horns.		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.	
Biodiversity	N/A	Goal7- Ensure Environmental Sustainability	According to the EIA, there is no big, rare and nationally protected animal or plant and the proposed project is not built on the prime cropland. Besides, the replanting of trees at the project site will be good to the local biodiversity. In the baseline scenario, continued emissions from the	0

			fossil fuel-fired power plants may have negatively affected biodiversity in the area. The impact of the proposed project, therefore, is conservatively considered zero.	
Quality of employment	N/A	Goal1- Eradicate Extreme Poverty and Hunger	The construction and operation of the proposed 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 proposed project. All the staffs will obtain the competence by corresponding professional training before working. And the project owner provides workers with safe and healthy working conditions through some measures, such as providing the mask/protective gear for the workers handling the biomass residues and transporting the biomass residues in covered manner.	+

			Therefore, the proposed project has had a positive impact on overall employment quality, and the indicator is scored positive. Parameter: Operation and maintenance regulations are established or not; Relevant trainings are done or not. Special operation competence certificates are obtained or not.	
Livelihood of the poor	N/A	Goal1- Eradicate Extreme Poverty and Hunger Goal3- Promote Gender Equality and Empower Women	The proposed project has not directly contributed to a more equitable distribution of wealth and opportunity, other than through opportunities for work. And the proposed project provide the work opportunities to the women equally, which promotes the gender equality, however, in the greater surrounding area, the positive impact might be very limited. Therefore, in order to ensure conservativeness, this indicator is scored neutral.	0

Access to affordable and clean energy services	N/A	Goal1- Eradicate Extreme Poverty and Hunger Goal7- Ensure Environmental Sustainability	The proposed project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in Anhui Province. Since the biomass is the renewable resource, the proposed project will also benefit the environmental sustainability. Parameter: Gross quantity of electricity generated by the proposed project	+
Human and institutional capacity	N/A	Goal 2-Achieve Universal Primary education Goal3- Promote Gender Equality and Empower Women	The proposed project has no significant impact on the local education. Female and the minority are able to attend the stakeholder consultation and the operation of the proposed project, which promotes the gender equality. However, the impact is deemed to be insignificant and can be neglected. Thus this indicator scores neutral.	0
Quantitative employment and income generation	N/A	Goal1- Eradicate Extreme Poverty and Hunger	Project activity lead to employment generation during the construction of the plants. In addition,	+

			employment opportunities are provided to the technical trained staff for operation of the plants. Parameter: Number of jobs created in the operations of the proposed project and salary levels.	
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 proposed 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 measures are applied to control the expected air pollutant emission, so that the concentration of the emissions of the air pollutant is lower than the National Emission Standard, which is the Emission Standard of Air Pollutant Applied to Thermal Power Plant. Please refer to Page78, Page80, Page82 and Page98 of the EIA report.			
Water quality and quantity	In the EIA report, it states that the wastewater is treated in the waste water management system of Dangshan County before discharged,, so that the			

	quality of output water accord with the Grade III of the Standard of Comprehensive Discharge of Wastewater . This mitigation measure was fully implemented as it can be seen at the site. Please refer to Page71, Page81 and Page84 of the EIA report.
Soil condition	According to the EIA report, the proposed project does not significantly impacts on the soil condition. Mitigation measures are applied to proposed 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 Page24 and Page102 of the EIA report.
Other pollutants	In the EIA report, it states that mitigation measures are applied to reduce the expected noise, so that the noise level accord with the Category 3 of the Standard of Acoustic Environment Quality. Please refer to Page79, Page86 and Page103 of the EIA report.
Biodiversity	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. Please refer to Page89 and Page105 of the EIA report.
Quality of employment	Please refer to the proposed project's operation manual and equipment purchasing contracts. The operation manual that include detailed training plans have 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 proposed project. Besides, training records and certificates of operation staff will be also provided.
Livelihood of the poor	According to the FSR report, the proposed 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 proposed project we think it will be difficult for all the poor to enjoy the benefits. Furthermore, we don't believe the proposed 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. Please refer to Page6 and Page117 of the FSR report.
Access to affordable and clean energy services	According to the FSR report, the proposed project will provide clean electricity to the grid, increasing the capacity, and as a result increasing the potential access to energy services in Anhui Province. The proposed project promotes the use of biomass based electricity. Please refer to the FSR report Page 116.

Human and institutional capacity	No significant change due to the project activity.
Quantitative employment and income generation	According to the FSR report, the proposed project provides job opportunities to the local people and as a result increases income generation in the region. Please refer to the Page104 and Page117 of FSR report, 98 permanent jobs were created by the project, and people hired for operation by this project will get an average salary of about 35,000 RMB/year, which is higher than the local salary level.
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]

Copy Table for each indicator

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. Special operation competence certificates are obtained or not.
Current situation of parameter	Operation and maintenance regulations are established, relevant trainings are held. Special operation competence certificates are obtained by the staffs.
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 proposed 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 manuals, special operation competence certificates for workers and training records can be checked.
	When	Annually
	By who	The project owner

No	2	
Indicator	Access to affordable and clean energy services	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Gross quantity of electricity generated by the proposed project	
Current situation of parameter		
Estimation of baseline situation of parameter	234,000MWh generated and 217,620MWh supplied by the thermal power plants annually.	
Future target for parameter	The future target for parameter is that the annual gross quantity of electricity generated by the proposed project reaches 234,000MWh.	
Way of monitoring	How	Project owner will monitor the gross quantity of electricity generated by the proposed 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 proposed 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 Dangshan County is 23,469 RMB / year for town people. See	

		http://zwgk.ahsz.gov.cn/xxgkweb/showGKcontent.aspx?xxnr_id=60705 .
Future target for parameter		When the proposed project put into operation, the proposed 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 labour contract or payroll.
	When	Annually
	By who	The project owner

No	4
Indicator	Air quality
Mitigation measure	During construction, water sprinkler and dust screens are applied to control the expected dust emission. During operation, the cyclone filter and bag filter are installed to reduce the emissions of fly ash and particulate matter (PM). The residues from the filter are mixed with the residues from the boiler and put into comprehensive utilization. Use of low NO_x combustion technology. Use of enclosed conveyors for transporting ash. During the transportation of biomass residues, solutions including the application of complete close structure for trestles and storage sheds, installation of dust remover at the hopper of boiler, frequent cleaning of the vehicles, transportation in covered-manner, and frequent cleaning of the roads are undertaken.
<i>Repeat for each parameter</i>	
Chosen parameter	● During construction period: The Environment Management Plan (EMP) according to the results of the EIA report has been prepared or not. ● During operation period: Emission concentration of dust, NO_x and SO₂ at the project site. The EMP according to the results of the EIA report has been prepared or not.
Current situation of parameter	● During construction period: The EMP according to the results of the EIA report has been prepared. ● During operation period: The emission concentration of dust, NO_x and SO₂ is lower than the National Emission

		Standard (Dust 200mg/m ³ ; NO _x 450 mg/m ³ ; SO ₂ 800 mg/m ³). The EMP according to the results of the EIA report has been prepared.
Estimation of baseline situation of parameter		Emission of air pollutants from the Grid consists of fossil fuel based thermal power plant.
Future target for parameter		The concentration of the emissions of the air pollutant is lower than the National Emission Standard (Dust 200mg/m ³ ; NO _x 450 mg/m ³ ; SO ₂ 800 mg/m ³), which is the Emission Standard of Air Pollutant Applied to Thermal Power Plant.
Way of monitoring	How	- During construction period: Interview with local residents who live near the proposed project or check the Examination and Acceptance of Environmental Protection, or related supervision record/document from local Environmental Protection Agency (EPA) or other environmental supervision party (if available). Check the EMP. - During operation period: Emission concentrations of dust, NO_x and SO₂ are continuously monitored at the project site. Check the EMP.
	When	- During construction period: During the first verification - During operation period: Annually
	By who	The project owner

No	5
Indicator	Water quality and quantity
Mitigation measure	The wastewater is treated in the waste water management system of Dangshan County before discharged.
<i>Repeat for each parameter</i>	
Chosen parameter	The COD concentration of wastewater discharged into the waste water management system of Dangshan County. The EMP according to the results of the EIA report has been prepared or not.
Current situation of parameter	The COD concentration of wastewater discharged into the waste water management system of Dangshan County is lower than the Grade III of the Standard of Comprehensive Discharge

		of Wastewater (300mg/L). The wastewater is treated in the waste water management system of Dangshan County before discharged. The EMP according to the results of the EIA report has been prepared.
Estimation of baseline situation of parameter		Emission of wastewater from the Grid consists of fossil fuel based thermal power plant.
Future target for parameter		The COD concentration of wastewater discharged into the waste water management system of Dangshan County is lower than the Grade III of the Standard of Comprehensive Discharge of Wastewater (300mg/L). All waste water is not discharged without treatment.
Way of monitoring	How	Interview with the authority from local EPA or check with Examination and Acceptance of Environmental Protection or related record/document from local Environmental Protection Agency (EPA) or other third party (if available). Check the EMP.
	When	Annually
	By who	The project owner

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 project or check the Examination and Acceptance of Environmental Protection.
	When	During the first verification
	By who	The project owner

No		7
Indicator		Other pollutants
Mitigation measure		During construction, the construction work and traffic are restricted to daylight hours to avoid any discomfort for the nearby resident. Ask the drivers to reduce the use of horns. Use equipment with low noise emissions, and use covers/silencers for machinery. During operation, use the covers/silencers for machinery. Choose machinery with lower noise levels. Provide protective gears to workers. Restrict movement of traffic to daylight hours to avoid any discomfort for the nearby resident. Ask the drivers to reduce the use of horns.
<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	● During construction period: Interview with local residents who live near the proposed project or check the Examination and Acceptance of Environmental Protection. - Check the EMP. ● During operation period: Interview with local residents who live near the proposed project or check the Examination and Acceptance of Environmental Protection. - Check the EMP.
	When	● During construction period: During the first verification ● During operation period: Annually
	By who	The project owner

No		8
Indicator		Biomass residues renewability

Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		Renewable biomass residues usage rate
Current situation of parameter		100% renewable biomass residues are used to generate electricity.
Estimation of baseline situation of parameter		0% - i.e. the renewable biomass residue was not used in the baseline.
Future target for parameter		100%
Way of monitoring	How	Check and record the type of biomass residues used in the project.
	When	Whenever biomass residue is outsourced
	By who	The project owner

No		9
Indicator		Biomass residues surplus
Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		Surplus rate for each type of biomass residues
Current situation of parameter		Surplus rates for each type of biomass residues are above 25%.
Estimation of baseline situation of parameter		N/A
Future target for parameter		Above 25%.
Way of monitoring	How	Interview with local residents who live near the project. Check the Biomass Resource Collection Report.
	When	Annually
	By who	The project owner

No		10
Indicator		Land application

Mitigation measure		N/A
<i>Repeat for each parameter</i>		
Chosen parameter		The land used in the project is industrial land or not.
Current situation of parameter		The land used in the project is industrial land.
Estimation of baseline situation of parameter		N/A
Future target for parameter		All the land used in the project will be industrial land.
Way of monitoring	How	Interview with local residents who live near the project or check the Examination and Acceptance of Environmental Protection, or related supervision record/document from local EPA or other environmental supervision party or land supervision party (if available).
	When	Annually
	By who	The project owner

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]

1. Since the proposed project is a newly built grid-connected biomass residue fired power-only plant, it is applicable to both ACM0018 ver01.2.0 and ACM0018 ver02.0.0. However, there are some differences occurred between using ACM0018 ver01.2.0 and using ACM0018 ver02.0.0, which have some impact on the ER calculation and the monitored parameters of the proposed project.
 - 1) According to ACM0018 ver02.0.0, project participants shall determine CO₂ emissions resulting from transportation of the biomass residues to the project plant using the latest version of the tool “Project and leakage emissions from road transportation of freight”, thus considering the Gold standard principle, the proposed project adopts the tool “Project and leakage emissions from transportation of freight”(ver01.1.0) to determine the CO₂ emissions resulting from transportation of the biomass residues to the project plant ($PE_{TR,y}$). Please refer to the PDD for the concrete calculation process.
 - 2) The parameters that need to be monitored to calculate the $PE_{TR,y}$ have been changed into $D_{f,m}$ and $FR_{f,m}$ from $BR_{TR,y}$, AVD_y , $EF_{km,y}$ and TL_y . Please refer to the PDD for the concrete information about the monitored parameters $D_{f,m}$ and $FR_{f,m}$.
 - 3) In order to calculate the $PE_{TR,y}$, there also added a parameter $EF_{CO2,f}$ that is not monitored. Please refer to the PDD for the concrete information about the parameter $EF_{CO2,f}$.
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.

3. In addition, the value of the parameter GWP_{CH_4} is updated from 21 tCO₂e/tCH₄ to 25 tCO₂e/tCH₄ for the second commitment period. Please refer to the PDD for details.

In conclusion, considering the changes above, the annual estimated emission reductions changed to 162,647 tCO₂e, which is different from the value in the registered PDD under unfccc.

ANNEX 1 ODA declaration

[See Toolkit Annex D]

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



ANNEX D – OFFICIAL DEVELOPMENT ASSISTANCE
DECLARATION

Date: [04/06/2013]

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

RE: Declaration of Non-Use of Official Development Assistance by
Project Owner of [GS2420]
[Everbright Alternative Energy (Dangshan) Limited]

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

[Project Representative]

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



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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

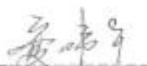
The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

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:

 Huang Wei Hua

Name:

Wei Hua Huang

Title:

Deputy General Manager





The Gold Standard[®]
Premium quality carbon credits



On behalf of:

Everbright Aluminums (Guangdong) Limited



Place:

Dangshan County Anhui Province, China



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