

ANHUI GUZHEN BIOMASS GENERATION PROJECT

Document Prepared By National Bio Energy Co., Ltd.

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Table of Contents

1 Project Details 3

 1.1 Summary Description of the Project 3

 1.2 Sectoral Scope and Project Type 3

 1.3 Project Proponent 3

 1.4 Other Entities Involved in the Project 4

 1.5 Project Start Date 4

 1.6 Project Crediting Period 4

 1.7 Project Scale and Estimated GHG Emission Reductions or Removals 4

 1.8 Description of the Project Activity 4

 1.9 Project Location 4

 1.10 Conditions Prior to Project Initiation 5

 1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks 5

 1.12 Ownership and Other Programs 5

 1.13 Additional Information Relevant to the Project 5

2 Application of Methodology 6

 2.1 Title and Reference of Methodology 6

 2.2 Applicability of Methodology 6

 2.3 Project Boundary 6

 2.4 Baseline Scenario 6

 2.5 Additionality 6

 2.6 Methodology Deviations 6

3 Quantification of GHG Emission Reductions and Removals 6

 3.1 Baseline Emissions 6

 3.2 Project Emissions 6

 3.3 Leakage 7

 3.4 Summary of GHG Emission Reductions and Removals 7

4 Monitoring 7

 4.1 Data and Parameters Available at Validation 7

 4.2 Data and Parameters Monitored 7

 4.3 Description of the Monitoring Plan 7

5 Environmental Impact 7

6 Stakeholder Comments 7

1 PROJECT DETAILS

1.1 Summary Description of the Project

N/A.

1.2 Sectoral Scope and Project Type

Sectoral scope 1: energy industries (Renewable sources)

Project type: Grid-connected renewable power generation (biomass power project)

The project is neither AFOLU project nor a grouped project.

1.3 Project Proponent

CONTACT INFORMATION ON PROJECT PROPONENT IN THE PROJECT ACTIVITY

PROJECT OWNER

Organization:	National Guzhen Bio Energy Co.,Ltd
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1.4 Other Entities Involved in the Project

N/A.

1.5 Project Start Date

03/01/2011 (the date of which the project is put into commercial operation)

1.6 Project Crediting Period

The start date: 03/01/2011 (the date of which the project is put into commercial operation)

The end date: 06/11/2012 (The project is registered as CDM on UNFCCC on 07/11/2012

<http://cdm.unfccc.int/Projects/DB/PJR%20CDM1351854815.15/view>)

674days in total, covering 1 year, 10 months and 4 days

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

Project	■
Large project	

Years	Estimated GHG emission reductions or removals (tCO ₂ e)
2011 (03/01/2011 - 31/12/2011, 363 days)	131,348
2012 (01/01/2012 - 06/11/2012, 311 days)	112,225
Total estimated ERs	243,573
Total number of crediting years	1.84425
Average annual ERs	132,072

1.8 Description of the Project Activity

N/A

1.9 Project Location

The Project is sited on the Economic Development Zone, 8 km to the downtown of Guzhen County, Bengbu city, Anhui Province. The Project has geographical coordinates with east longitude of 117° 20'13" (i.e. 117.3369°) and north latitude of 33° 13'08" (i.e. 33.2189°).

1.10 Conditions Prior to Project Initiation

Prior to the Project, the biomass residues used in the Project were dumped or left to decay under mainly aerobic conditions. The electricity supplied by the Project was supplied by East China Power Grid, which generates CO₂ emissions as it is mainly composed of traditional fossil fuel fired power plants. These are also the baseline scenarios of the Project.

The project is to utilize local surplus biomass residues (mainly as straw) for generating electricity. This project aimed to reduce GHG emissions and to contribute to sustainable development. The project activity was not implemented to create GHG emissions for the purpose of its subsequent removal or destruction.

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

Not applicable

1.12 Ownership and Other Programs

1.12.1 Right of Use

The business license and operation license are evidences for right of use. The approval of EIA and FSR are evidences for legislative right. Besides, the purchasing contract of boiler, turbine, and generator and the power purchase agreement are the evidences for the ownership of the plant, equipment and process generating.

1.12.2 Emissions Trading Programs and Other Binding Limits

The project is a pre-CDM VCS project and has been registered as CDM on 07/11/2012. The crediting period of the project under VCS is from the commission date till the day before CDM registration.

1.12.3 Participation under Other GHG Programs

The project has been registered as CDM on 07/11/2012. Its registration number is 8008 <http://cdm.unfccc.int/Projects/DB/PJR%20CDM1351854815.15/view>

1.12.4 Other Forms of Environmental Credit

The project is a pre-CDM VCS project and it has not intended to generate any other form of GHG-related environmental credit for GHG emission reductions or removals claimed under the VCS Program,

1.12.5 Projects Rejected by Other GHG Programs

N/A

1.13 Additional Information Relevant to the Project

Eligibility Criteria

N/A

Leakage Management

N/A

Commercially Sensitive Information

N/A

Further Information

N/A

2 APPLICATION OF METHODOLOGY

2.1 Title and Reference of Methodology

N/A

2.2 Applicability of Methodology

N/A

2.3 Project Boundary

N/A

2.4 Baseline Scenario

N/A

2.5 Additionality

N/A

2.6 Methodology Deviations

N/A

3 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

3.1 Baseline Emissions

N/A

3.2 Project Emissions

N/A

3.3 Leakage

N/A

3.4 Summary of GHG Emission Reductions and Removals

N/A

4 MONITORING

4.1 Data and Parameters Available at Validation

N/A

4.2 Data and Parameters Monitored

N/A

4.3 Description of the Monitoring Plan

N/A

5 ENVIRONMENTAL IMPACT

N/A

6 STAKEHOLDER COMMENTS

N/A