

BEIJING GUANTING WIND POWER PROJECT PHASE II AND PHASE II ADDITION

Document Prepared By Goldchina Consultancy International Co., Ltd

Project Title	Beijing Guanting Wind Power Project Phase II and Phase II addition
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This document reports the emission reductions generated by Beijing Guanting Wind Power Project Phase II and Phase II addition (hereafter referred to as the Project) which has been registered successfully as a CDM project on February 28th, 2011 with registration number of 4413. However, on December 23th, 2009, the project had partially commenced with real, quantifiable, additional and permanent emissions reductions which can be considered as Verified Emission Units (VCUs) under the Voluntary Carbon Standard (VCS version 3.1) after being verified.

The revision regarding the Monitoring Plan in the registered PDD has been included in the VCS-PD.

The Project Descriptions according to VCS criteria are provided below:

Project Details

1.2 Sectoral Scope and Project Type

This category of the Project would fall within sectoral scope 1: energy industries (Renewable sources).

The Project is not a Grouped project.

1.3 Project Proponent

Beijing Jingneng Clean Energy Co., Ltd..

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1.5 Project Start Date

Commissioning start date: 23/12/2009

on December 23th, 2009, the project had partially commenced with real, quantifiable, additional and permanent emissions reductions which can be considered as Verified Emission Units (VCUs) under the Voluntary Carbon Standard (VCS version 3.1) after being verified. So the start date of the Project is 23/12/2009.

1.6 Project Crediting Period

Project start date: 23/12/2009 on which the project activity began reducing or removing GHG

emission. And the Project has been registered successfully as a CDM project on February 28th , 2011. That is, the period from 23/12/2009 to 27/02/2011 is considered as the Project crediting period.

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

The total installed capacity of the Project is 85.5MW. It is expected that the project activity will generate emission reductions for 153,099tCO₂e annually in the registered CDM-PDD, which is less than 1,000,000 t tCO₂e per year.

1.9 Project Location

The Project is sited on northwest side of Beijing, the north bank of Guanting Reservoir which situated in south-east side of Langshan wind valley in Huailai County, Hebei Province, with geographical coordinates of north latitude of 40.3192°~40.3507° and east longitude of 115.6112°~115.6999° for Guanting Phase II and with north latitude of 40.3263°~40.3499° and east longitude of 115.5734~ 115.6144° for Phase II addition. The central geographical coordinates for Guanting Phase II are north latitude 40.3375° and east longitude 115.6750°, while the central geographical coordinates for Phase II addition are north latitude 40.3381° and east longitude 115.6029°.

1.10 Conditions Prior to Project Initiation

Electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculation described in the “ Tool to calculate the emission factor for an electricity system”.

1.12 Ownership and Other Programs

1.12.1 Proof of Title

The business license of Beijing Jingneng Clean Energy Co., Ltd.

The FSR approval letter of the Project

The EIA approval letter of the Project

The equipment contracts of the Project

The construction contracts of the Project

The new China's LOA of the Project

Hereby, confirmed that, the Beijing Jingneng Clean Energy Co., Ltd. will only sell the VCUs once.

1.12.2 Emissions Trading Programs and Other Binding Limits

Guanting Phase II and Phase II addition has been registered as a CDM project on 28/02/2011, for which a renewable crediting period of 3×7 years will be used under the CDM GHG Program. Therefore, CO₂ emission reductions generated by the Project during the CDM crediting period will be verified as unique CERs but not VCUs to avoid double counting. As to the project under VCS (Version 3.1), only emission reductions achieved from 23/12/2009 to 27/02/2011 will be considered as VCUS, which will be sold only once to one particular buyer.

1.12.3 Participation under Other GHG Programs

The Project has been registered as a CDM project with registration number 4413.

1.12.4 Other Forms of Environmental Credit

The Project is a renewable energy generation project, which discharges no emission during operation period. Thus, the project doesn't fall into categories that creating GHG emissions primarily for the purpose of its subsequent removal or destruction.

The Project has not created another form of environmental credit, which will be verified by DOE. And The Project will not create other environmental credit in the future.

1.13 Additional Information Relevant to the Project

Eligibility Criteria

No applicable

Leakage Management

No fossil fuel will be consumed by the Project activity, so no leakage need to be considered in the Project.

Commercially Sensitive Information

No applicable.

Further Information

The annual emission reductions are 153,099tCO₂e in the first crediting period. Key information and data used to calculate the emission reduction of the Project is described as follow:

Table 4 key information and data used to calculate emission reduction

Variable	Value/Unit	Original Data Source
EFOM,y	1.0069 tCO ₂ e/MWh	Calculated from China Electric Power Yearbook 2006-2008 and China Energy Statistical Yearbook 2006-2008
EFBM,y	0.7802tCO ₂ e/MWh	Calculated from China Electric Power Yearbook 2006-2008 and China Energy Statistical Yearbook 2009
EFCM,y	0.950225 tCO ₂ e/MWh	Calculated from China Electric Power Yearbook 2006-2008 and China Energy Statistical Yearbook 2006-2008
Net electricity supplied by the Project to the North China Power Grid (NCPG).	161,119MWh	FSR