

Sichuan Furong Coal Mine Methane Utilization Project

Project Title	Sichuan Furong Coal Mine Methane Utilization Project
Version	01
Date of Issue	11-05-2015
Prepared By	Dr. Zhaoning Zheng Goldchina Consultancy International Co., Ltd.
Contact	Address: Room 3103, Unit 3, Building 1, Tangning One, No.16 Zhongguancun East Road, Haidian District, Beijing, P.R. of China (100083) Telephone: 86-10-6268 2682 Fax: 86-10-6268 2682 Email: zzn01@mails.tsinghua.edu.cn , zzn@gcci-carbon.com Website: www.gcci-carbon.com

This document reports the emission reductions generated by Sichuan Furong Coal Mine Methane Utilization Project (hereafter referred to as the Project) which has been registered successfully as a CDM project on April 16th, 2010 with registration number of 2677. However, the project owner decided to issue emission reductions during 16/04/2011-31/12/2012 as Verified Emission Units (VCUs) under the Voluntary Carbon Standard (VCS version 3.5).

The Project Descriptions according to VCS criteria are provided below:

PROJECT DETAILS

1.1 Summary Description of the Project

1.2 Sectoral Scope and Project Type

This category would fall within Mining/mineral production and sectoral scope 8 : Mining/mineral production and 10 : Fugitive emissions from fuels (solid, oil and gas)

The Project is not a Grouped project.

1.3 Project Proponent

Provide contact information for the project proponent(s). Copy and paste the table as needed.

Organization name	Sichuan Furong Group's Limited Industrial Company
Contact person	Zhang Hongge
Title	Direct of Planning Department
Address	Xunchang town, xinqiao road, Gong Country, Yibin City, Sichuan Province, P.R. of China
Telephone	86-(0)831-2333531
Email	1515075591 @qq.com

1.4 Other Entities Involved in the Project

Organization name	Beijing Carbon Invcap International Carbon Assets Management Co.,Ltd.
Role in the project	The buyer
Contact person	Jessy Tang
Title	General Manager
Address	Room 3103, Unit 3, Building 1, Tangning One, No.16, Zhongguancun East Road, Haidian District, Beijing, 100083
Telephone	86-18010121386
Email	zzn@gcci-carbon.com

1.5 Project Start Date

28/11/2007 (the first generator unit put into operation)

1.6 Project Crediting Period

The starting date of the first crediting period is 16/04/2010. the fixed crediting period (10yrs) is adopted by the project, so the fixed crediting period is from 16/04/2010 to 15/04/2020.

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

The total planned installed capacity of the Project is 15MW. It is expected that the project activity will generate emission reductions for 215,387tCO₂e annually in accordance with the registered revised CDM-PDD, which is less than 1,000,000 t tCO₂e per year.

Project Scale	
Project	Large Project (215,387tCO ₂ e annually)
Large project	

Year	Estimated GHG emission reductions or removals (tCO ₂ e)
2009 (Sept. 1st – Dec. 31st)	50,845
2010	167,439
2011	200,372
2012	200,343
2013	209,289
2014	216,765
2015	231,727
2016	239,213
2017	239,203
2018	239,203
2019 (Jan. 1st – Aug. 31st)	159,469
Total estimated ERs	2,153,870
Total number of crediting years	10
Average annual ERs	215,387

1.8 Description of the Project Activity

1.9 Project Location

The project is located in Furong coal mine of Xunchang town in Yibin city of southern Sichuan province, China. The Furong coal mine consists of four mines (Baijiao, Shanmushu, Xunchang1 and Gongquan). It is located 5km from the center of Xunchang town, 50km from Yibin city, and at a coordinate of 104o39'~104o41' east longitude and 28o25'~28o28' north latitude.

The power generators will be installed at Baijiao, Shanmushu and Gongquan coal mines.

The geographic location of the project is shown in the figure below.

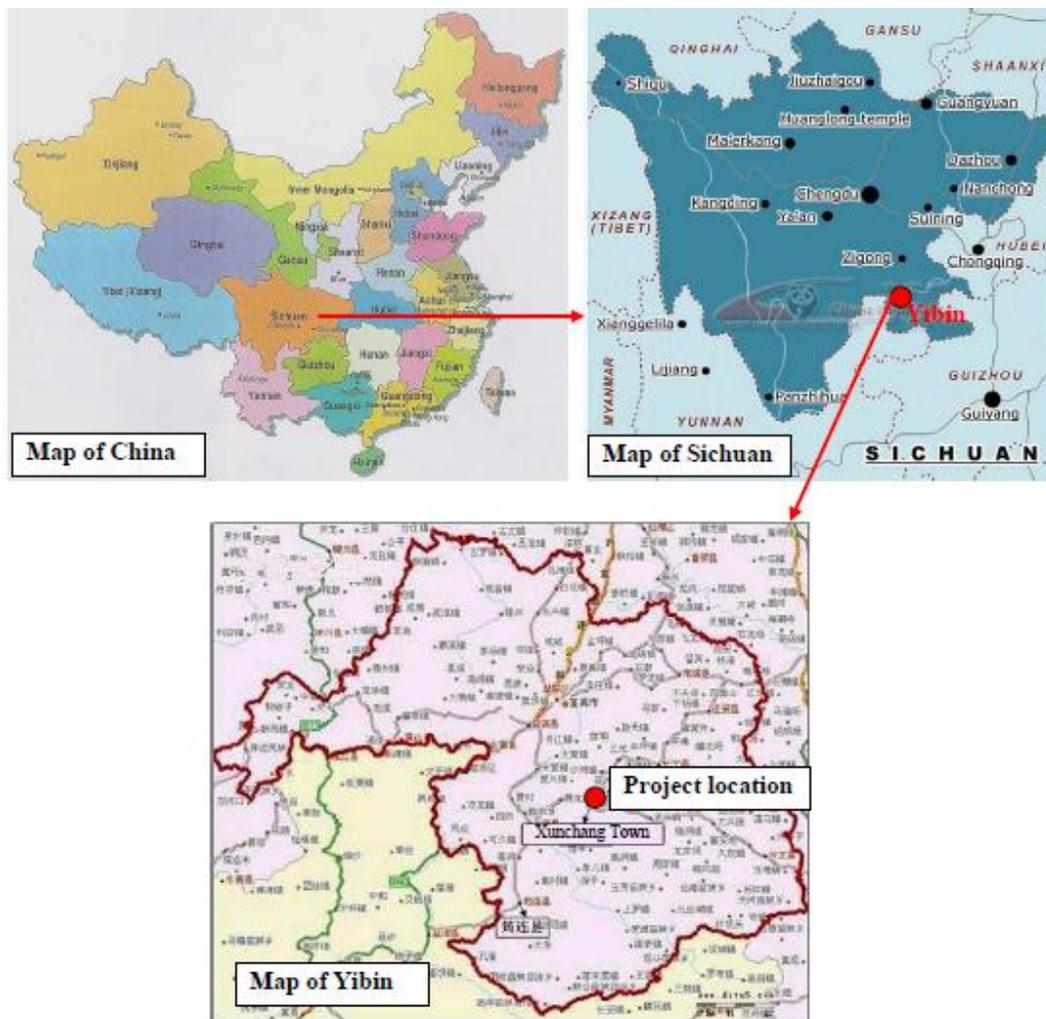


Fig. 1 Project Location

¹ Please refer to footnote 2.

1.10 Conditions Prior to Project Initiation

The project is a green field project and there was no activity prior to the project initiation.

Through the implementation of the project, an average annual volume of 15.6 million cubic meters of CH₄ will be combusted and destroyed. An amount that, in the baseline scenario, would otherwise be released directly into the atmosphere. Furthermore, a total of 43,890 MWh electricity derived from CMM will be delivered to the Furong coal mines for self-use per, which will displace electricity from both the on-site captive power plant and the Central China Power Grid(CCPG). Waste heat from the power generation process is recovered and utilized for coal miners. However, credits will not be claimed for this component in order to be conservative. Consequently, through CMM combustion and displacement of fossil fuel-fired electricity from the captive power plant and the CCPG, the project will reduce 2,153,870 tCO₂ equivalents of greenhouse gas emissions during the 10-year crediting period..

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

1.12 Ownership and Other Programs

1.12.1 Right of Use

The project activity is registered as a CDM project activity under UNFCCC (Reference Number 2677) and the same title has been used for the VCS program. LOA for this project activity also gives the same title.

1.12.2 Emissions Trading Programs and Other Binding Limits

The project has been registered as a CDM project on 16/04/2010, for which a fixed crediting period of 10 years will be used under the CDM GHG Program. The project proponent confirmed that, once emission reductions generate during 16/04/2010-31/12/2012 are issued under VCS rules, those credits will not be claimed as CERs, the CDM monitoring report was published in UNFCCC website but will not be issued forever. And issued VCUs will be sold only once to one particular buyer.

China is Non-annex I country and there is no compliance with an emission trading program or to meet binding limits on GHG emissions for this project activity.

1.12.3 Other Forms of Environmental Credit

The project does not result in creation of any other form of GHG related environmental credit during the period for which VCUs are claimed.

1.12.4 Participation under Other GHG Programs

The Project has been registered as a CDM project with registration number 2677

1.12.5 Projects Rejected by Other GHG Programs

1.13 Additional Information Relevant to the Project

Eligibility Criteria

No applicable

Leakage Management

No applicable

Commercially Sensitive Information

No applicable.

Further Information

No applicable.