

SHIYAZI HYDRO POWER PROJECT IN GUIZHOU PROVINCE CHINA

Document Prepared By (Guizhou Honor Carbon Asset Management Co., Ltd)

Project Title	Shiyazi Hydro power Project in Guizhou Province China.
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Table of Contents

1	Project Details	3
1.2	Sectoral Scope and Project Type	3
1.3	Project Proponent	3
1.5	Project Start Date.....	3
1.6	Project Crediting Period	3
1.7	Project Scale and Estimated GHG Emission Reductions or Removals	3
1.9	Project Location	4
1.10	Conditions Prior to Project Initiation	4
1.12	Ownership and Other Programs	4
1.12.1	Right of Use.....	4
1.12.2	Emissions Trading Programs and Other Binding Limits.....	4
1.12.3	Participation under Other GHG Programs.....	5
1.12.4	Other Forms of Environmental Credit.....	5
1.13	Additional Information Relevant to the Project.....	5

1 PROJECT DETAILS

1.2 Sectoral Scope and Project Type

The project falls into: Sectoral Scope 1: energy industries (renewable sources)
Subclass: hydro power

The Project is not a Grouped project.

1.3 Project Proponent

Organization:	Guizhou Zhongshui Energy Co.Ltd.
Street/P.O.Box:	The 13th floor of Jingyuan Tower ,No.136 Ruijingbei Road,Guiyang City
City:	Guiyang
State/Region:	Guizhou Province
Country:	People's Republic of China
Represented by:	Huohong
Telephone:	+86-851-6992740
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E-mail:	hycdm@vip.163.com

1.5 Project Start Date

The first set of water turbine and generator unit started commissioning on 28/04/2011, the second on 28/04/2011.

1.6 Project Crediting Period

The crediting period : 28/04/2011-04/09/2011

Regards as CDM project, the crediting period start date was 05/09/2011, and 7×3 years was selected as the crediting period of the Project for CDM project. That is, the length of the first crediting period is 7 years which could be renewed two times

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

The total installed capacity of the Project is 140MW.It is expected that the project activities will generate annual emission reductions for about 368,209 tCO₂e,that is, the project is a large scale project and will generate emission reductions for about 2,577,463 tCO₂e over the first 7-year renewable crediting period from Jan, 2009 to Dec, 2015.

Project	
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Large project	YES
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Period	Estimated GHG emission reductions or removals (tCO ₂ e)
28/04/2011-30/04/2011	3,026
01/05/2011-31/05/2011	31,273
01/06/2011-30/06/2011	30,263
01/07/2011-31/07/2011	31,273
01/08/2011-31/08/2011	31,273
01/09/2011-04/09/2011	4,035
Total estimated ERs	131,143
Total number of crediting period	130 days

1.9 Project Location

The proposed project is located at Meilin canyon which lies between Daping town and Baicun town, Wuchuan County, Zunyi City, Guizhou Province. The geographical coordinates of the dam are 107°58'7" E and 28°39'9"N, and the geographical coordinates of the powerhouse are 107°58'7" E and 28°39'9"N.

1.10 Conditions Prior to Project Initiation

Prior to the project initiation, the equivalent electricity produced by the proposed project will be provided by China Southern Power grid, which is dominated by fossil fuel-fired power plants. As a hydro power project, the project will produce clean electricity using hydro power resources and will generate GHG emission reductions by avoiding CO₂ emission from electricity generation of fossil fuel fired power plants. Operation of the project does not lead to GHG emission. It is confirmed that the project was not implemented to create GHG emissions primarily for the purpose of its subsequent removal or destruction.

1.12 Ownership and Other Programs

1.12.1 Right of Use

The business license of Guizhou Zhongshui Energy Co.Ltd.

The approval letter of the Project

The EIA approval letter of the Project

1.12.2 Emissions Trading Programs and Other Binding Limits

The Project is not included in an emission trading program, and does not take place in a jurisdiction or sector in which binding limits are established on GHG emissions. The Project does not reduce GHG emissions from activities that participate in an emissions trading program, so this clause is not applicable.

The project has been registered as a CDM project on 05/09/2011, 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 only emission reductions achieved from 28/04/2011 to 04/09/2011 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 on 05/09/2011 with registration reference number 4768.

1.12.4 Other Forms of Environmental Credit

The project will generate CERs from 05/09/2011 onwards, but in the only crediting period from 28/04/2011 to 04/09/2011 for VCS application, no any other environmental credit is created

1.13 Additional Information Relevant to the Project

Eligibility Criteria

This project is not a grouped project.

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

As a renewable hydro power project, the proposed project will produce positive environmental and economic benefits and contribute to the local sustainable development through following aspects:

- To be in accordance with Chinese national energy policy and the Western Development Strategy, the proposed project will alleviate power shortage in Zunyi City, will boost the social and economic development of local minority areas, will increase the income of local governments and people, will improve the local poor condition and will advance the standard of living of local people.
- To displace part of the electricity from coal-fired power plants in CSPG, and thus will avoid environmental pollution caused by coal burning.
- To create new job opportunities for the local people: temporary job opportunities will be available during the construction period and 40 permanent jobs during the operation time;¹
- After the operation of the proposed project, the local people can make good use of electricity

key documents approved before construction of the Project:

¹ Feasibility Study Report of Shiyazi Hydropower Plant

Completing date	Title of the documents needed to be approved before construction
18/08/2006	Approval Letter for EIA
12/02/2007	Approval of FSR