

YUNNAN SINANJIANG HYDROPOWER PROJECT

Document Prepared By Ms. Cao Changyu

Tel: +86 10 6279 5180 ext 601

Fax: +86 10 6279 5182

Email: ccy@ittc.com.cn

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Prepared By	Ms. Cao Changyu, Coway International TechTrans Co.,Ltd.
Contact	Physical address: Room 701B and 701D, 7/F, Building B, SP Tower, Tsinghua Science Park, Haidian District, 100084 Beijing, China

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1 PROJECT DETAILS

1.1 Summary Description of the Project

Provide a summary description of the project.

1.2 Sectoral Scope and Project Type

Sectoral scope 1: Energy industries (renewable sources)

Project type: Renewable electricity in grid connected application

The project is not grouped project.

1.3 Project Proponent

Roles/Responsibilities	Project Owner
Project proponent	Yunnan Dianneng Sinanjiang Hydropower Development Co., Ltd.
Address	Xinjian Road 2, Mojiang Hanizu Autonomous County, Pu'er City, Yunnan Province
Post fix/ZIP	654800
Country	People's Republic of China
Telephone	86-879-4642008

1.4 Other Entities Involved in the Project

Provide contact information and roles/responsibilities for any other entities involved in the development of the project.

1.5 Project Start Date

The Project Start Date is 26/04/2008, when the first generator started commissioning.

1.6 Project Crediting Period

The Project crediting period is from 26/04/2008 to 23/02/2010 including both days, covering 1 year and 304 days.

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

This project has been registered as a CDM project, the CDM registered date is 24/02/2010. The estimated GHG emission reductions and crediting period during validation are shown as below:

Project	✓
Mega-project	

Years	Estimated GHG emission reductions or removals (tCO ₂ e)
24/02/2010-23/02/2011	696,245
24/02/2011-23/02/2012	696,245
24/02/2012-23/02/2013	696,245
24/02/2013-23/02/2014	696,245
24/02/2014-23/02/2015	696,245
24/02/2015-23/02/2016	696,245
24/02/2016-23/02/2017	696,245
Total estimated ERs	4,873,715
Total number of crediting years	7
Average annual ERs	696,245

1.8 Description of the Project Activity

Describe the project activity or activities (including the technologies or measures employed) and how it/they will achieve net GHG emission reductions or removals. Indicate the lifetime of the project activity(s).

1.9 Project Location

Project is located near the Sinanjiang village, Mojiang Hanizu Autonomous County, Pu'er City¹, Yunnan Province, People's Republic of China.

The dam's geographical coordinates (23°05'44"N, 101°52'41"E) and the geographical coordinates of the power plant (23°04'53"N, 101°46'30"E, Spot B) are indicated.

1.10 Conditions Prior to Project Initiation

The conditions existing prior to this project initiation is that the electricity requirement was satisfied by Yunnan Power Grid which is an integral part of China Southern Power Grid, and this project has not been implemented to generate GHG emission for the purpose of their subsequent reduction, removal or destruction.

¹ Simao City is renamed Pu'er City according to the approval of the State Council of the P. R. China (http://www.gov.cn/xxgk/pub/govpublic/mrlm/200803/t20080328_32046.html). The new name has been put into service since 08/04/2007(http://news.xinhuanet.com/society/2007-03/04/content_5798983.htm).

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

Identify and demonstrate compliance of the project with all and any relevant local, regional and national laws, statutes and regulatory frameworks.

1.12 Ownership and Other Programs

1.12.1 Proof of Title

The project owner is Yunnan Dianneng Sinanjiang Hydropower Development Co., Ltd. who owns the right of use of the project, which can be proved in the China DNA's LoA issued under CDM (http://cdm.unfccc.int/filestorage/M/F/7/MF7G0RIW8JA3TD9B6XYLQ2KSOPZC1H/LoA%20China.pdf?t=aTJ8bTlnamgyfDCCrXN_SsaYbPB-7kDvKwMn).

1.12.2 Emissions Trading Programs and Other Binding Limits

The project is a registered CDM project. The crediting period of the project is renewable, and the first crediting period is from 24/02/2010 to 23/02/2017, and the current VCU monitoring period is from 26/04/2008 to 23/02/2010, so the GHG emission reductions generated by the project during current monitoring period have not and will not be used for compliance with emissions trading program other than VCS or to meet binding limits on GHG emissions.

1.12.3 Participation under Other GHG Programs

The project has been registered as a CDM project on 24/02/2010, the reference number is 2877, please refer to <http://cdm.unfccc.int/Projects/DB/TUEV-SUED1249406799.06/view> for more details.

1.12.4 Other Forms of Environmental Credit

No other form of GHG-related environmental credit for GHG emission reductions or removals has been or will be claimed under the VCS Program.

1.12.5 Projects Rejected by Other GHG Programs

Indicate whether the project has been rejected by any other GHG programs. Where the project has been rejected, provide the relevant information.

1.13 Additional Information Relevant to the Project

Eligibility Criteria

N/A, the project is not a grouped project.

Leakage Management

N/A, the leakage of the project is zero.

Commercially Sensitive Information

N/A, all information stated in this report is public.

Further Information

N/A

2 APPLICATION OF METHODOLOGY

2.1 Title and Reference of Methodology

Provide the title, reference and version number of the methodology or methodologies applied to the project.

2.2 Applicability of Methodology

Demonstrate and justify that the project activity(s) meet the applicability conditions of the methodology(s) applied to the project.

2.3 Project Boundary

Define the project boundary and identify the relevant GHG sources, sinks and reservoirs for the project and baseline scenarios (including leakage if applicable).

Source		Gas	Included?	Justification/Explanation
Baseline	Source 1	CO ₂		
		CH ₄		
		N ₂ O		
		Other		
	Source 2	CO ₂		
		CH ₄		
		N ₂ O		
		Other		
Project	Source 1	CO ₂		
		CH ₄		
		N ₂ O		
		Other		
	Source 2	CO ₂		
		CH ₄		
		N ₂ O		
		Other		

2.4 Baseline Scenario

Identify and justify the baseline scenario.

2.5 Additionality

Demonstrate and assess the additionality of the project, undertaken in accordance with the applied methodology.

2.6 Methodology Deviations

Describe and justify any methodology deviations.

3 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

3.1 Baseline Emissions

Describe the procedure for quantification of the baseline emissions and/or removals. Include all relevant equations.

3.2 Project Emissions

Describe the procedure for quantification of the project emissions and/or removals. Include all relevant equations.

3.3 Leakage

Describe the procedure for quantification of the leakage emissions. Include all relevant equations.

3.4 Summary of GHG Emission Reductions and Removals

Describe the procedure for quantification of net GHG emission reductions and removals. Include all relevant equations. For AFOLU projects, include net change in carbon stocks.

Provide the ex-ante calculation (estimate) of baseline emissions/removals, project emissions/removals, leakage emissions and net emission reductions and removals, using the table below:

Years	Estimated baseline emissions or removals (tCO ₂ e)	Estimated project emissions or removals (tCO ₂ e)	Estimated leakage emissions (tCO ₂ e)	Estimated net GHG emission reductions or removals (tCO ₂ e)
Year A				
Year B				
Year C				

Year...				
Total				

4 MONITORING

4.1 Data and Parameters Available at Validation

Describe data and parameters available at validation using the following table (copy table for each data unit/parameter).

Data Unit / Parameter:	
Data unit:	
Description:	
Source of data:	
Value applied:	
Justification of choice of data or description of measurement methods and procedures applied:	
Any comment:	

4.2 Data and Parameters Monitored

Describe data and parameters monitored subsequent to validation using the following table (copy table for each data unit/parameter).

Data Unit / Parameter:	
Data unit:	
Description:	
Source of data:	
Description of measurement methods and procedures to be applied:	<i>Identify how the data/parameter is measured</i>
Frequency of monitoring/recording:	<i>Identify measurement and recording frequency</i>
Value applied:	<i>Provide estimated value for the purpose of calculating ex-ante GHG emission reductions or removals</i>
Monitoring equipment:	<i>Identify equipment used to monitor the data/parameter including type, accuracy class, serial number of equipment</i>

QA/QC procedures to be applied:	<i>Identify calibration information such as frequency, date of last calibration and validity</i>
Calculation method:	<i>If applicable</i>
Any comment:	

4.3 Description of the Monitoring Plan

- *Describe the monitoring plan.*
- *Identify organizational structure, responsibilities and competencies.*
- *Describe methods for generating, recording, storing, aggregating, collating and reporting data on monitored parameters.*
- *Describe procedures for handling internal auditing and non-conformities.*

Line diagrams may be used to display the GHG collection and management system.

5 ENVIRONMENTAL IMPACT

Summarize any environmental impact assessments carried out with respect to the project, where applicable.

6 STAKEHOLDER COMMENTS

Summarize relevant outcomes from stakeholder consultations and mechanisms for on-going communication.