

CHONGQING YOUYANG COUNTY YOUCHOU HYDROPOWER STATION PROJECT

Document Prepared By Beijing Cronus Technology Consultancy Centre

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1 PROJECT DETAILS

1.1 Summary Description of the Project

Chongqing Youyang County Youchou Hydropower Station Project (hereafter referred to as “the Project”) is a grid-connected hydropower plant with an accumulation reservoir with a surface area of 7.7km². The Project reduces greenhouse gas emissions by generating carbon neutral power that displaces carbon intensive power from Central China Power Grid (hereafter referred to as “the grid”). The total installed capacity of the Project is 120 MW (2×60MW).The Project uses hydro power generation technology for electricity generation and transmission.

1.2 Sectoral Scope and Project Type

The Project falls in the sectoral scope 1: energy industries (renewable-/non-renewable sources). The Project is not a grouped project.

1.3 Project Proponent

Chongqing Youshui Hydropower Development Co., Ltd. (Project Owner)

Address: Youchou town, Youyang county, Chongqing Municipality, China, 408809

Tel: 86-23-75414057

Fax: 86-23-75414057

1.4 Other Entities Involved in the Project

There is no any other project participant(s).

1.5 Project Start Date

21-12-2008

1.6 Project Crediting Period

21-12-2008 to 20-12-2010, in total 730 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)
2008 (21-12-2008 to 31-12-2008)	10,024

2009 (01-01-2009 to 31-12-2009)	332,611
2010 (01-01-2010 to 20-12-2010)	322,587
Total estimated ERs	665,222
Total number of crediting years	2
Average annual ERs	332,611

1.8 Description of the Project Activity

1.9 Project Location

The Project is located in the Youchou town, Youyang county, Chongqing Municipality, China. The exact location of the project is defined using GPS coordinates 28°58'01"N latitude, 109° 08'51"E longitude.

1.10 Conditions Prior to Project Initiation

The scenario existing prior to the start of the implementation of the project activity is same as the baseline scenario as described below.

Electricity delivered by the project activity to the CCPG would have otherwise been generated in grid-connected fossil fuel based power plants resulting in Green House Gas (GHG) emissions in the absence of the project activity. The project activity therefore, by displacing relatively carbon intensive grid electricity (primary emission source with a Combined Margin Emission Factor of 0.85285 tCO₂/ MWh) with renewable hydroelectricity, reduces GHG emission that would have occurred in the baseline.

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

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 PDR are evidences for legislative right. Besides, the purchasing contract of turbine 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 proponent chose a clear VCS crediting period from 21-12-2008 to 20-12-2010 which is not part of any emissions trading programs or any other binding limits.

1.12.3 Participation under Other GHG Programs

The Project has been registered as a CDM project in UNFCCC on 21-12-2010 and the registration number is 3961.

1.12.4 Other Forms of Environmental Credit

The project proponent chose a clear VCS crediting period from 21-12-2008 to 20-12-2012 which has not created another form of environmental credit.

1.12.5 Projects Rejected by Other GHG Programs

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.