



Voluntary Carbon Standard
Project Description
Version 4- May 18th 2010

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1 Description of Project:

1.1 Project title

28MW Jinkouba Hydropower Project, which has been registered by UNFCCC on 18/02/2009 (Ref.No.1633) as a CDM project.

1.2 Type/Category of the project

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.3 Estimated amount of emission reductions over the crediting period including project size:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.4 A brief description of the project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.5 Project location including geographic and physical information allowing the unique identification and delineation of the specific extent of the project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.6 Duration of the project activity/crediting period:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.7 Conditions prior to project initiation:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.8 A description of how the project will achieve GHG emission reductions and/or removal enhancements:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.9 Project technologies, products, services and the expected level of activity:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.10 Compliance with relevant local laws and regulations related to the project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.11 Identification of risks that may substantially affect the project’s GHG emission reductions or removal enhancements:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.12 Demonstration to confirm that the project was not implemented to create GHG emissions primarily for the purpose of its subsequent removal or destruction.

JHP is a run-of-river hydropower project, according to methodology ACM0002 (version 06), the GHG emissions by sources from the proposed project equal to zero, and there is no leakage. Therefore, the project was not built to create GHG emissions removal.

1.13 Demonstration that the project has not created another form of environmental credit (for example renewable energy certificates).

The project has been purely taken up as CDM project and has not been applied for any form of environmental credit.

1.14 Project rejected under other GHG programs (if applicable):

Not applicable.

1.15 Project proponents roles and responsibilities, including contact information of the project proponent, other project participants:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.16 Any information relevant for the eligibility of the project and quantification of emission reductions or removal enhancements, including legislative, technical, economic, sectoral, social, environmental, geographic, site-specific and temporal information.):

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

1.17 List of commercially sensitive information (if applicable):

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

2 VCS Methodology:

2.1 Title and reference of the VCS methodology applied to the project activity and explanation of methodology choices:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

2.2 Justification of the choice of the methodology and why it is applicable to the project activity:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

2.3 Identifying GHG sources, sinks and reservoirs for the baseline scenario and for the project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

2.4 Description of how the baseline scenario is identified and description of the identified baseline scenario:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

2.5 Description of how the emissions of GHG by source in baseline scenario are reduced below those that would have occurred in the absence of the project activity (assessment and demonstration of additionality):

The project has been registered by UNFCCC on 18/02/2009 (Ref. No.1633) as a CDM project. The additionality of the project has been demonstrated in the registered PDD. Detailed information regarding the demonstration is neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

3 Monitoring:

3.1 Title and reference of the VCS methodology (which includes the monitoring requirements) applied to the project activity and explanation of methodology choices:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

3.2 Monitoring, including estimation, modelling, measurement or calculation approaches:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

3.3 Data and parameters monitored / Selecting relevant GHG sources, sinks and reservoirs for monitoring or estimating GHG emissions and removals:

Data / Parameter:	Electricity Exports (EG_{Ex})
Data unit:	MWh
Description:	Annual electricity supplied to the NWPG by the proposed project
Source of data to be used:	Records of meter according to monitoring plan
Value of data applied for the purpose of calculating expected emission reductions in section B.6	128,300
Description of measurement methods and procedures to be applied:	Electricity will be measured Directly and continuously by computed and precise ammeters, Recording frequency will be hourly measurement and monthly recording; Proportion of data to be monitored would be 100% throughout whole year; the data will be archived both in electronic and paper; Data monitored are to be kept for two years after the last issuance of CERs for the proposed project activity.
QA/QC procedures to be applied:	Set up a special CDM project team; constitute detailed rules on monitoring management; introduce precision ammeters; two ammeters proofread each other both in booster station and switching station; to calibrate the meters periodically in accordance with related measure standard in China. The meter(s) will be read frequently jointly by the project proponent and the grid company; keep the invoice of electricity sales as a hard proof for data quality control etc.
Any comment:	The value of data applied derived from “The Feasibility Report on Jinkouba Hydropower Plant”, only for the purpose of calculating expected emission reductions, the ultimate value applied for the true emission reductions calculation will comply with the records of meters and certificate by DOE.

Data / Parameter:	Electricity Imports (EG_{Im})
Data unit:	MWh
Description:	Annual electricity imported to the project from the NWPG
Source of data to be used:	Records of meter according to monitoring plan
Value of data applied for the purpose of calculating expected	400

emission reductions in section B.6	
Description of measurement methods and procedures to be applied:	The similar measurement methods and procedures as electricity exports.
QA/QC procedures to be applied:	The meter(s) will be read frequently jointly by the project proponent and the grid company; keep the invoice of electricity purchase as a hard proof for data quality control. Detailed descriptions also can be founded in monitoring plan.
Any comment:	To monitor the electricity imported from the grid to the plant especially when the turbines and generators not in work and other situations. Comparing with electricity exports, the part of electricity imports is very limited, in order to determine the emission reductions ex-ante conservatively; we estimate annual electricity import from the grid as 400MWh (around 0.3% of the annual generation). But the ultimate value applied for the true emission reductions calculation will also comply with the records of meters and certificate by DOE.

Data / Parameter:	Net Electricity Exports (EG_y)
Data unit:	MWh
Description:	Net electricity supplied to the NWPG by the proposed project in year y.
Source of data to be used:	Subtract electricity imports (EG_{im}) from electricity exports (EG_{ex}), viz. $EG_y = EG_{ex} - EG_{im}$
Value of data applied for the purpose of calculating expected emission reductions in section B.6	127,900
Description of measurement methods and procedures to be applied:	To monitor electricity exports and electricity imports with bidirectional meters synchronously, calculated through subtracting electricity imports from electricity exports by the CDM team of proposed project.
QA/QC procedures to be applied:	Directed and inspected by CDM project team leader, calculated and finished by monitoring charge and monitoring person, keep all original recorders for verification.
Any comment:	Calculated according to recorders from meters accurately, it is the base for the calculation of final emission reductions.

3.4 Description of the monitoring plan

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

4 GHG Emission Reductions:

4.1 Explanation of methodological choice:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

4.2 Quantifying GHG emissions and/or removals for the baseline scenario:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

4.3 Quantifying GHG emissions and/or removals for the project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

4.4 Quantifying GHG emission reductions and removal enhancements for the GHG project:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

5 Environmental Impact:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

6 Stakeholders comments:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

7 Schedule:

Neglected as per “Policy Announcement from the VCS Association” published on 19/03/2008.

8 Ownership:

8.1 Proof of Title:

The evidence of proof of title is the Power Purchase Agreement (PPA) between the project proponent and Gansu Electric Power Company.

8.2 Projects that reduce GHG emissions from activities that participate in an emissions trading program (if applicable):

Not applicable.