INTERNAL VERIFICATION FORM: GS VER MICRO-SCALE PROJECTS

Title: Qielong 1.2MW Hydro Power Project
GS ID: 481
GS Version: GSV1.0 VER
Submitted by: Climate Bridge Ltd
Submitted on: 16/08/2013 (date of document submission); 07/08/2013 (date of fee payment)
Contact: Bin Wang, wang.bin@climatebridge.com
Date of GS feedback – I round: 14/10/2013
Submitted on-II round: 16/12/2013
Date of GS feedback – II round: 15/01/2014
Submitted on-III round: 15/04/2014
Date of GS feedback – III round: 16/04/2014

Registration Date: 04/04/2012
Crediting Period Start Date: 05/04/2010
1st Monitoring Period: 05/04/2010 to 25/03/2013
Amount of VERs under review: 5,987 tCO_2eq

Year	GS VERs (tCO_2e)
05/04/2010 to 31/12/2010	2,122
01/01/2011 to 31/12/2011	1,872
01/01/2012 to 31/12/2012	1,836
01/01/2013 to 25/03/2013	157
Total	**5,987**

Summary:
The project is located at the downstream of Qielong Gully, a branch of Daxia River, in the Madang Township, Xiahe County, Gannan Tibetan Autonomous Prefecture, and Gansu Province, China. This hydropower station is equipped with 2 sets of turbines (0.4MW+0.8MW) and is expected to generate electricity of 6,050 MWh every year. The generated electricity will be connected to the nearby Madang Substation via a 10KV transmission line and to replace the same amount of electricity from Northwest China Power Grid that mainly dominated by fossil fuel fired power plants. The project construction commenced in September 2007 and finished in November 2009. As a hydropower project, the proposed project will exert positive social, environmental and economic impact and contribute to the local sustainable development.

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It is estimated to reduce GHG emissions of 4,843 tCO_2e per year during the first crediting period of 7 years. The emission reductions during this monitoring period from **05/04/2010 to 25/03/2013** are 5,987 tCO_2e.

General comments:
The Gold Standard has identified clarification and corrective action requests as outlined in the table below. These issues must be resolved before the project may be submitted for registration as a Gold Standard project. Please provide your responses in the table below along with the revised project documentation and any other supporting documents that may be required to resolve the issues.

Document(s) provided and reviewed (I Round):

- GS PDD (Version 5, 19 June 2012)
- GS Validation Report (TUV SUD, No.600500744-GS V1, Version 5, 21 June 2012)
- Registration Review Form (02/07/2012)
- Monitoring Report (Version 1, 16/08/2013)
- Qielong_1st_ERs_Calculation_Spread_Sheet_v1_20130816
- Annexes

Document(s) provided and reviewed (II Round):

- Monitoring Report (Version 2, 26/12/2013)
- Qielong_1st_ERs_Calculation_Spread_Sheet_v1_20131213
- Annexes

Document(s) provided and reviewed (III Round):

- Monitoring Report (Version 2, 15/04/2014)
- Qielong_1st_ERs_Calculation_Spread_Sheet_v2_20140408
- Updated Annex 1 and Annex 8

Decision:

Rejected	[ ]
Request for clarifications and /or corrective action	[ ]
To be submitted for external verification	[ ]
Verified	[X]

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Requests for clarifications and/or corrective actions: The GS has reviewed the submitted project and identified a number of areas where additional information is necessary for the project to be in line with the Gold Standard requirements.

Sections	Clarifications and/or corrective action needed	Reasons for clarification and/or corrective action	Suggestions on how to proceed	Response by Project Proponent
Gold Standard Monitoring Report				
Comment/Request 1.				
Section 2.	The **PP** shall note that registration date of the Project is end of the registration review period, i.e. 04/04/2012, instead of the actual review close date. The **PP** is thus requested to correct information provided in Section 2. of the MR. Further, credit start date can be 2 years before registration, i.e.05/04/2010, the **PP** is opt to revise the credit period accordingly.			The related information of credit start date has been updated in the revised MR. Please refer to the revised MR and excel spreadsheet. In line with the rule, the credit start date can be 2 years before registration, thus, 05/04/2010 is chosen as the credit start date. Electricity transmission sheets from 2010/04-2010/06 are updated in Annex 1_Electricity transmission sheets from 201004 to 201303. Sales receipts from 2010/04-2010/0 are updated in Annex 2_Sales receipts from 201004 to 201303. In addition, payrolls from 2010/04-2010/06 are also updated in Annex 11_Monthly payrolls from 201004 to 201303.
	GS (2nd round): The PP has revised credit start date to 05/04/2010 and Emission reduction has also been updated to 5,989t. However, the PP shall provide the data source for exported electricity of 462.441MWh and imported electricity of 0.21MWh for the month of 26/03/2010-25/04/2010 and clarify if it is 30 days or 31 days from 26 March to 25 April including both dates (ER Spreadsheet, footnote 2). Also the PP shall update the starting date of the 1st monitoring period through all the documents, Annexes list in MR has not been fully updated, eg. 04/07/2010 is still on Cover; Page 1, 10 of MR and 07/2010 is still referred to in Annex1, Annex 2 and Annex 11. **The comment / request is open.**			Provided by the Power Grid Company, the data source for month of 26/03/2010-25/04/2010 is updated in Annex 1. It should be 31 days from 26 March to 25 April including both dates, hence data has been adjusted for month of 26/03/2010-25/04/2010 in excel spreadsheet and page 2, 8 and 10 of MR. The starting date of the 1st monitoring period has been updated on Cover; Page 1, 10 of MR and Annex1, Annex 2 and Annex 11.

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Sections	Clarifications and/or corrective action needed	Reasons for clarification and/or corrective action	Suggestions on how to proceed	Response by Project Proponent
	GS (3rd round): OK, GS confirms updates of documents and ER result is 5,987 after correction for period 2010/04/05-2010/4/25. **The comment / request is closed.**			
Comment/Request 2.				
Section 3.1	The **PP** is thus requested to clarify accuracy of the revenue meter.	It is stated in MR as well as in Calibration reports that the accuracy of revenue meter is 0.2s, however it is 0.5s reading from the photo of the revenue meter.		The accuracy should be 0.5S. The calibration reports have an accuracy typo of 0.2S instead of 0.5S. Meter verifier delivers a correction explanation in Annex 5_Calibration reports for revenue meter updated.
	GS (2nd round): Accuracy in MR has not been corrected. **The comment / request is open.**			The accuracy has been revised in page 5 of MR.
	GS (3rd round): **The comment / request is closed.**			
Comment/Request 3.				
Section 3.4	The **PP** shall provide the data source of electricity imported. It's requested to supplement an Excel spreadsheet to include the electricity exported and imported data originated from Annex 1 and 2 in order that reviewer can easily re produce the emission reduction.			The electricity exported is added into Annex 1_Electricity transmission sheets from 201004 to 201303. In addition, an excel spreadsheet summarizing the originated data from Annex 1 and Annex 2 is provided as Annex 14- Electricity exported and imported data summary.
	GS (2nd round): **The comment / request is closed.**			
Comment/Request 4.				

Sections	Clarifications and/or corrective action needed	Reasons for clarification and/or corrective action	Suggestions on how to proceed	Response by Project Proponent
Section 4 General	The **PP** shall specify mitigation measures that have been implemented.		Eg. Instead of generally confirm that the mitigation measures are implemented in line with the EIA, the PP shall report in detail the actual measures been implemented.	Except for the mitigation measures described in the summary report, some photo of remaining mitigation measures during the operation period in hydropower station are also provided as the support for the details of actual measures been implemented, such as water reused for greening station and preventing soil erosion, building latrine for reusing body excretions as fertilizer. Please refer to these photos updated in Annex 8_Summary report-updated.
	GS (2nd round): The PP shall either provide specified mitigation measures that have been implemented in the MR or provide translation for Annex 8. **The comment / request is open.**			The translation has been updated on Annex 8.
	GS (3rd round): OK, full translation for Annex 8-Explanation on environmental measures taken for Qielong 1.2MW hydropower project has been provided. **The comment / request is closed.**			
Comment/Request 5.				
Section 4 General	The **PP** shall clarify if the completion examination is in time to check the mitigation measure has been taken during construction as well as the environment impact and if it compliance with the local regulations and laws when the check happened 2 years delay after the completion of construction work.	It's found that the project started operation on 28/12/2009 but project owner submitted completion and acceptance of application to relevant government office on 29/11/2011.		According to local routine for project completion examination, separated items, such as environmental protection completion acceptance should be finished before applying for final completion permission. Therefore, this complicated procedure takes about 2 years for the project owner to achieve the final completion permission application by the end of year 2011. Please kindly check the explanation of the whole procedure in Annex 9_Report for acceptance of completed project-updated.
	GS (2nd round): **The comment / request is closed.**			
Comment/Request 6.				

Sections	Clarifications and/or corrective action needed	Reasons for clarification and/or corrective action	Suggestions on how to proceed	Response by Project Proponent
Section 4 Water Quality and Quantity	The **PP** shall report in detail the **yearly** questionnaire process for the Indicator, i.e. when was the yearly questionnaires sent out? How many local stakeholders filled the questionnaires?			The details of how the yearly questionnaire was processed are provided in the yearly questionnaire procedure description in Annex_10 Relevant questionnaire from 2010 to 2012-updated.
	GS (2nd round): The **PP** shall provide detailed information in the MR as this is the basis for verifying whether the SD Monitoring was carried out per Monitoring plan. Please cover the key information required raised in the GS comment. **The comment / request is open.**			The detailed information has been updated in the page 11 of MR.
	GS (3rd round): **The comment / request is closed.**			
Comment/Request 7.				
Section 4 Employment	The **PP** shall also confirm if there's any new employees hired during the monitoring period.		If so, the PP shall also provide training records for new employees.	Three new employees are hired with one month technical training provided by the hydropower station. Explanation on new employees training can be the evidence, providing in Annex 6_Training records-updated.
	GS (2nd round): The **PP** shall provide such information in the MR. Also as Monitoring period is now from 04/2010, the original monitoring results shall also be updated. **The comment / request is open.**			The detailed information regarding to employment has been updated in the page 13 of MR.
	GS (3rd round): **The comment / request is closed.**			

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Conclusion – The GS opinion is that 5,987 VERs (Monitoring Period - 05/04/2010 to 25/03/2013) are verified after the above clarifications and/or corrective actions have been taken care of in a satisfactory way.