SECTION A. General description of the small-scale project activity

A.1. Title of the small-scale project activity:

Yuzaikou Small Hydropower Station
(Monitoring Plan revised on 24 June 2008)

SECTION D. Application of a monitoring methodology and plan:

D.1. Name and reference of approved monitoring methodology applied to the small-scale project activity:

According to Type I.D. "Renewable electricity generation for a grid" contained in Appendix B of the simplified M& P for CDM small-scale activities, monitoring shall consist of metering the electricity generated by the renewable technology (hydropower).

Metering the electricity generated as described in the Simplified Procedures for SSC Projects for Type 1D Projects.

D.2. Justification of the choice of the methodology and why it is applicable to the small-scale project activity:

The methodology was selected as suggested by the Simplified Monitoring Methodologies for small-scale CDM projects. Measuring and recording the amount of electricity supplied to the buyer is the most accurate method of monitoring the project. In addition, the Electricity Sales Invoice to the grid will be used as a form of cross check.

D.3 Data to be monitored:

ID number	Data type	Data variable	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/ paper)	For how long is archived data to be kept?	Comment
D.3.1	Data on electricity delivered to the grid.	Combined electricity output of the Yuzaikou station and the Xibianshan small hydro station.	MWh	m	Daily	100%	Electronic and paper	Data will be collected from the start of the project for a minimum of 9 years. (Proposed crediting period plus two years.)	The modern computerized system in the Yuzaikou SHP plant will allow electricity output to be measured accurately. The records would be kept in electronic form and monthly generation data would be printed out for a back up, for the improbable event of a computer hazard.
D.3.2	Data on electricity delivered to the grid.	Electricity output of the Xibianshan small hydro station.	MWh	m	Daily	100%	Electronic and paper	Data will be collected from the start of the project for a minimum of 9 years. (Proposed crediting period plus two years.	Data to be recorded and checked with the invoices of power sales issued by the grid

D.4. Qualitative explanation of how quality control (QC) and quality assurance (QA) procedures are undertaken:

Quality control and quality assurance procedures will guarantee the quality of the data collected. The electricity instruments will undergo maintenance subject to appropriate industry standards on a regular basis, with the current plant operating and training procedures will ensure the integrity of the data collected. Metering electrical output for small hydro projects is considered standard practice with very low uncertainty in regards to data collected.

Data from D.3.1 and D.3.2 will both be cross-checked with the corresponding invoice on power sales issued by the grid.

D.5. Please describe briefly the operational and management structure that the project participant(s) will implement in order to monitor emission reductions and any leakage effects generated by the project activity:

YHCL will assign a qualified person to compile the necessary data according to the approved methodology to accurately calculate emissions reductions. The data will be compiled in a manner amenable to third party audit and deliverable to the DOE for validation and certification purposes.

Since there are no leakage sources identified in the project, no control over leakage is necessary.

D.6. Name of person/entity determining the monitoring methodology:

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(The revision of the monitoring plan was done by Jialiang Zhang, liang@ecosecurities.com)