



CDM: Recommendation Form for Small Scale Methodologies (version 01)
(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

<i>Date of SSC WG meeting:</i>	26–29 April 2010, SSC WG 25
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Clarification on the distinction between a new and existing reservoir
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS-I.D “Grid connected renewable electricity generation”
<i>Name of the authors of the query:</i>	Min-Su Kim Institution: Korea Water Resources Corporation (K-water) londonsu@kwater.or.kr

Summary of the query:

Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.

Original text from PP:

According to the methodology (AMS-I.D ver15), hydro power plants with reservoirs that satisfy at least one of the following conditions are eligible to apply this methodology:

- ☐ The project activity is implemented in an existing reservoir with no change in the volume of reservoir;
- ☐ The project activity is implemented in an existing reservoir, where the volume of reservoir is increased and the power density of the project activity, as per definitions given in the Project Emissions section, is greater than 4 W/m².
- ☐ The project activity results in new reservoirs and the power density of the power plant, as per definitions given in the Project Emissions section, is greater than 4 W/m².

In the context of this methodology, the request is for clarification on the distinction between a new and existing reservoir.

A small hydro power plant project activity is being implemented in a site where reservoirs are being constructed. These two activities are in progress at the same time. However, the reservoir construction project and the small hydro power plant project are clearly different projects. Please refer to the following details for a more detailed explanation of the differences.

The reservoir construction project activity is being implemented by Korea government (the Ministry of Land, Transport and Maritime Affairs). The key purposes of this project are to maintain a stable water level and to create space for the river in order to prepare for floods and droughts.

The small hydro power plant project activity is being implemented by Korea Water Resources Corporation (K-water). K-water is constructing the small hydro power plant for electricity generation and CER revenue.

The government is funding the construction of the reservoir while K-water has invested in the project of

the small hydro power plant. For this reason, it is believed that the small hydro power plant project is not related to, and does not have any effects on the reservoir construction project. Regardless of the small hydro power plant project, the reservoir construction project would have been, and has been implemented.

Therefore, the small hydro power project is an independent project, and does not result in or effect the construction of the new reservoir.

Clarification on applicability of the methodology is requested:

(1) Is AMS-I.D ver15 applicable to this small hydro power project scenario? And Is it applicable for the activity in an existing reservoir?

(2) If this small hydro power project activity results in a new reservoir, the question then is, what does a new reservoir mean when comparing to an existing reservoir?

Additional information:

Power density (w/sqm) of the underlying project activity is less than 1.

The original purpose of the reservoir is for drought prevention. K-water cannot control how water is used from the reservoir for energy generation purpose. Only the government can control. Example : If a drought occurs, energy generation may be impossible due to unstable water levels at the reservoir, which is controlled by the government.

Recommendation by the SSC WG:

Please use the space below to provide amendments/change (in your expert view, if necessary).

Please refer to paragraph 26 of the meeting report of the SSC WG 25 (http://cdm.unfccc.int/Panels/ssc_wg).

Answer to authors of query by the SSC WG:

Please use the space below to provide answer to the authors of the above query.

The small-scale working group of the CDM Executive Board would like to thank the author for the submission.

The SSC WG agreed to clarify that the reservoir in question is not an existing one since it was not existing during the implementation of the CDM activity. It further agreed that, since the project activity is being implemented in a reservoir with power density less than 4 W/sq m (as estimated based on information provided by the project proponents), the underlying project is not eligible to apply AMS-I.D.

Signed by the Chair, Mr. Peer Stiansen

Date: 29/04/2010

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 29/04/2010

Information to be completed by the secretariat

SSC-Submission number	SSC_398
Date when the form was received at UNFCCC secretariat	29 April 2010
Date of transmission to the EB	29 April 2010
Date of posting in the UNFCCC CDM web site	29 April 2010