# CDM: Response form for Request for revision of approved methodologies (version 01.1)

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| *Date of Meth Panel meeting:* | 23 - 27 January 2012 |
| *Title and number of Request for revision* | Request for revision in definition of capacity addition for renewable energy projects<br>AM_REV_0228 |

**Summary of the query:**

Please use the space below to summarize the request for revision on the related approved methodologies.

The request for revision on ACM0002 describes a situation of a run-of-the river project, where one of three existing hydro power turbines has stopped and two new higher capacity turbines have been added at another location on the same river. Therefore, 9.12 MW capacity of power generation becomes 36.12 MW as a result of capacity addition.

As the methodology requires that the existing power plant/units continue to operate after the implementation of the project activity, a revision to the methodology is requested so that the condition of continued operation of all existing units is not mandatory. A proposal is made that necessitates in case of capacity addition: (i) total electricity generation capacity and actual electricity generation of hydro power plant should be higher than the pre-project scenario, and (ii) the combined capacity addition of hydro power should be higher than the capacity that has stopped.

**Recommendation by the Meth Panel:**

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

Not applicable.

(b) Please use the space below for providing guidance, as per Para 93 of EB25 Report, on what type of projects need to revise the PDD as a consequence of the suggested revision, if the recommendation is to revise the methodology.

Not applicable.

**Answer to authors of the request for revision by the Meth Panel :**

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

The Meth Panel recommends an amendment of the methodology with the following changes:

(1) It is not necessary for the addition of capacity under the CDM project to be higher than the capacity that is discontinued. This is because the project can result in the installation of higher efficiency power turbines/systems, which may have equal or less power generation capacity than those stopped, resulting in higher annual energy generation. Project Participants should note that the methodology requires to apply the standard deviation of power variation due to seasonal fluctuations;

(2) The revision is drafted on the methodology version 12.1.0, which does not have a provision for multiple reservoirs (as stipulated in the latest version 12.2.0). For hydro power projects on multiple reservoirs to qualify under CDM, it is necessary that the requirements stipulated in the latest version of ACM0002 are met;

(3) Changes have been made in the definition section as well as editorial improvements in the methodology.

The draft amended methodology is annexed to the fifty-fourth Meth Panel meeting report.

Signed by the Chair, Mr. Philip Gwage
Date: 27/01/2012

Signed by the Vice-Chair, Mr. Lex de Jonge
Date: 27/01/2012

**Information to be completed by the secretariat**

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| F-CDM-AM | AM_REV_0228 |
| Name of the authors of the query: | TUEV RHEINLAND |
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