



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

<i>Date of Meth Panel meeting:</i>	3 - 7 November 2008
<i>Title and number of Request for revision</i>	Revision of AM0048 to include the generation of thermal energy to replace energy produced from grid-connected electricity in the baseline  AM_REV_0107

**Summary of the query:**

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

AM0048 “New cogeneration facilities supplying electricity and/or steam to multiple customers and displacing grid/off-grid steam and electricity generation with more carbon-intensive fuels” is applicable to fossil-fuel-fired cogeneration project activities that supply steam and electricity to multiple customers, including both grid and off-grid applications.

In the request for revision following points are proposed.

- (1) Instead of mandatory use of “Tool for the demonstration and assessment of additionality”, it is proposed that the methodology should have option to choose between “Combined tool to identify the baseline scenario and demonstrate additionality” and “Tool for the demonstration and assessment of additionality”;
- (2) AM0048 version 02 limits the thermal energy production to the generation of steam. In the proposed revision, the thermal energy production is expanded to include the scenarios where hot water and chilled water are produced;
- (3) The methodology can only be applied to multiple project customers. The revision proposes that the methodology should also allow for the situation where there is a single project customer;
- (4) The current methodology only accounts for existing electricity and thermal generating equipment in the baseline. The proposed revision requests to broaden the application by making provision to include new electricity and thermal generating equipment;
- (5) Equation 10.2 from the proposed revision to AM0048 version 02 was adopted from the approved methodology AM0064’s (Sectoral Scope 10, Version 01.1, EB 39) equation 7. The electricity displaced by chilling, using absorption chillers in the project case, as opposed to electrical chillers in the baseline, is calculated by equation 10.2;
- (6) Equations to account for leakage emissions from the combustion of fuels due to the transportation of fuel used in the project activity are inserted in line with AM0042;
- (7) The letter “(b)” was included in front of the title “CO<sub>2</sub> emissions from LNG” in the proposed revision to AM0048 version 02. The inclusion of the letter “(b)” was necessary in order to label the section following “(b) CO<sub>2</sub> emissions from LNG”. The section following “(b)” was labeled “(c) CO<sub>2</sub> emissions from the combustion of fossil fuel due to the transportation of fuel”;
- (8) The methodology was expanded to include the situation where steam or hot water was generated in the baseline by the use of electricity;

- (9) AM0048 originally limited the electricity and steam eligible for emission reductions claim based on the generating capacity of existing equipment at the project customer. If the project customer imported electricity from the grid, as opposed to self-generating electricity, the electricity would not be eligible for CERs. This, however, does not mean that real and measurable emission reductions, as required by the CDM, cannot be achieved. In the case of the project for which revision is being requested the project customer buys electricity from a carbon intensive electricity grid. It is proposed in revision of methodology to allow the emission reductions achieved by this project to be claimed as well.

**Recommendation by the Meth Panel:**

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

After reviewing the PDD and the request for revision, the Meth Panel has following observations on revision of the methodology submitted.

AM0048 is the methodology developed for existing multi-customers of cogeneration system and has additionality demonstration procedure based on additionality tool. The methodology cannot use combined tool, as the baseline scenarios of customers are not under the control of project participants.

The CDM project activity proposed by project proponents has a single new customer with a tri-generation project (and not cogeneration), and therefore AM0048 methodology is not suitable for this project. The changes proposed by PPs are not in line with the rationale of the methodology (e.g. cap for baseline consumption of electricity) and therefore it is proposed that the PPs should submit either a new methodology for their trigeneration project or monitor the progress of methodology proposal NM0264, submitted in round 23 and is “work-in-progress” as per the 35<sup>th</sup> Meth Panel report.

Therefore the Meth Panel recommends not accepting the revisions proposed in the methodology.

(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



Signature of Meth Panel Chair .....

Date: 07/11/2008

(Akihiro Kuroki)



Signature of Meth Panel Vice-Chair .....

Date: 07/11/2008

(Philip Gwage)

**Information to be completed by the secretariat**

F-CDM-AM	AM_REV_0107
Name of the authors of the query:	TUEV-SUED
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