

 <p style="text-align: center;"><b>CDM: Response form for Request for revision of approved methodologies (version 01.1)</b></p>	
<i>Date of Meth Panel meeting:</i>	9 - 13 August 2010
<i>Title and number of Request for revision</i>	Combination of baseline scenarios AM_REV_0172
<p><b>Summary of the query:</b></p> <p>Please use the space below to summarize the request for revision on the related approved methodologies.</p> <p>ACM0006 “Consolidated methodology for electricity generation from biomass residues” is applicable to electricity generation project activities (cogeneration or not) using biomass residues, including greenfield power plants, power capacity expansion projects, energy efficiency improvement projects and fuel switch projects. The request for revision seeks to revise scenario 15 of the approved methodology ACM0006 as follows:</p> <p>The project activity involves the partial or complete fuel switch from fossil fuels to biomass residues at an existing power plant at the project site. The project activity shall (a) enable the use of biomass residues or (b) enable an increase in the use of biomass residues beyond historical levels, which would not be technically possible in any of the existing boilers without a retrofit or replacement of the boilers. The biomass residues are not used in any other facilities at the project site for power or heat generation and would in the absence of the project activity be (a) dumped or left to decay or burnt in an uncontrolled manner without utilizing it for energy purposes or (b) used for non-energy purposes, e.g. as fertilizer or as feedstock in processes (e.g. in the pulp and paper industry). The power and, in case of cogeneration plants, heat generated by the project plant would in the absence of the project activity be generated in the same plant, only using fossil fuels or using the historically lower levels of biomass residues.</p> <p>Some conditions of the project activity that deviate from ACM0006 are worthy of note:</p> <ul style="list-style-type: none"> <li>• Biogas produced from the anaerobic process at the facility’s wastewater treatment plant is co-fired in the boiler, generating approximately 2% of the heat required by the plant;</li> <li>• Biomass is not the predominant fuel used in the project activity facilities. Biomass residues represent about 20% of the fuel use;</li> <li>• The biomass residues used in the project activity need to be dried before using.</li> </ul>	
<p><b>Recommendation by the Meth Panel:</b></p> <p>(a) Please use the space below to provide amendments /changes (in your expert view, if necessary).</p> <p>Please, refer to the box below.</p> <p>(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.</p> <p>Please, refer to the box below.</p>	

**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 not to approve the request for revision.

The use of biomass residues not as the predominant fuel in the underlying project poses a methodological issue that is neither addressed by the existing ACM0006, nor by the newly developed methodology for biomass-based heat and power generation projects based on ACM0006 (refer to the “Consolidated methodology for electricity and heat generation from biomass residues”).

The methodological issue occurs if:

- (1) The project plant is a grid-connected plant that co-fires biomass residues with fossil fuels where the fossil fuels are the predominant fuel; and,
- (2) The carbon intensity of the grid is higher than the carbon intensity of the project plant for the portion of power produced from fossil fuels.

In such cases, a significant part of the emissions reductions would arise not from the use of biomass residues but from the use of fossil fuels in the project plant (because the carbon intensity of generation with fossil fuels in the project plant is lower than the carbon intensity of the grid and fossil fuels are the predominant fuel).

The methodology ACM0006 is not prepared to deal with such situations hence, the Meth Panel cannot accept the request for revision. An example of methodology which deals with such situations is AM0085 “Co-firing of biomass residues for electricity generation in grid connected power plants”. The Meth Panel recommends that project participants seek to revise either the approved methodology AM0085 or propose a new methodology.

Signed by the Chair, Mr. Lex de Jonge

Date: 13/08/2010

Signed by the Vice-Chair, Mr. Philip Gwage

Date: 13/08/2010

**Information to be completed by the secretariat**

F-CDM-AM	AM_REV_0172
Name of the authors of the query:	TUEV-Nord
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