

	CDM: Response form for Request for revision of approved methodologies (version 01.1)
Date of Meth Panel meeting:	19 - 23 October 2009
Title and number of Request for revision	Revision of ACM0006 to include biogas generated by anaerobic wastewater treatment using approved and applicable methodologies for greenfield projects. Clarification on Biomass Residue definition AM_REV_0171
Summary of the query: Please use the space below to summarize the request for revision on the related approved methodologies.	
<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.</p> <p>The request for revision proposed to amend the approved methodology ACM0006 Version 9 so as to include project activities that involved the use of biogas for electricity generation and/or cogeneration. Also, the project proponents sought clarification on the definition of biomass residues. In the case of biomass generated in dedicated plantations (as for example, for forestry, electric energy, pulp and paper industry and other commercial uses), owned either by the proponent or by third parties, can the portion of biomass not commercialized in the market (due to for example, quality issues) and/or the rest of the standing tree after the logging be considered as a biomass residue as well?</p> <p>The underlying project activity related to this request is summarized as follows:</p> <p><u>Project activity:</u> The project activity is the installation of a greenfield cogeneration plant at a greenfield sorghum-based bioethanol plant. The cogeneration plant will operate using a mix of fuels including sorghum bagasse (produced on-site as a residue of bioethanol production), wood chips and saw dust (produced off-site as a residue of sawmills operation) and biogas (produced on-site as a result of the treatment of wastewater generated in the bioethanol production). The heat produced in the cogeneration plant will be supplied on-site for the operation of the bioethanol plant, and the electricity will be mainly supplied on-site for the operation of the bioethanol plant and the surplus will be supplied to the grid.</p> <p><u>Pre-project scenario:</u> The project activity is a greenfield cogeneration plant implemented at a greenfield bioethanol facility. Therefore, prior to the implementation of the project activity, no activity related to the project activity was present at the project site. Part of the biomass residues used in the project activity (wood chips and sawdust) were generated off-site prior to the implementation of the project activity and were dumped or left to decay, or burnt in an uncontrolled manner.</p> <p><u>Baseline scenario:</u> In the absence of the proposed project activity, the heat would be produced on-site using a mix of fossil fuels and biomass residues, electricity would be produced in the grid, the sorghum bagasse would have been used as forage, the wood chips and saw dust would have been dumped or left to decay, or burnt in an uncontrolled manner, and the biogas would have been vented.</p>	

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 recommendation is not to approve the request for revision.

Although the meth panel recognizes the merit of the request in aiming to expand the use of ACM0006 to project activities that use biogas and that this situation should be allowed in ACM0006, the panel cannot accept the proposed revision. The proposed revision is not clear and explicit enough with regard to the methodological procedures that should be taken from other methodologies and followed by project activities that use biogas. The proposed revision should have defined more clearly what procedures from other methodologies should be followed and under which conditions of the project activity they can be applied (e.g. different types of biogas generation sources should require different types of emissions calculations procedures). The proposed revision leaves room for interpretation.

The panel recommends the project participants to develop and propose procedures that accounts for all methodological issues that would be required to account for emissions related to biogas production and use. Those procedures could be based on existing approved methodologies, as appropriate. A proposed revision to ACM0006 containing those procedures should then be submitted.

With respect to the clarification on the definition of biomass residues, the meth panel clarifies that the portion of biomass not commercialized in the market (due to for example, quality issues) and the rest of the trees after logging, both originated from dedicated plantations (as for example, for forestry, electric energy, pulp and paper industry and other commercial uses) owned either by the proponent or by third parties, can in principle be considered as biomass residues. That condition however is a project specific and can only be confirmed by the validation of the proposed project activity a DOE.



Signature of Meth Panel Chair

Date: 23/10/2009

(Philip Gwage)



Signature of Meth Panel Vice-Chair

Date: 23/10/2009

(Pedro Martins Barata)

Information to be completed by the secretariat

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