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|    | <b>CDM: Response form for Request for revision of approved methodologies (version 01.1)</b> |  |
| <i>Date of Meth Panel meeting:</i>  | 02 - 06 May 2011  |  |
| <i>Title and number of Request for revision</i>   | Revision of ACM0001 to include landfill gas utilization in kilns<br>AM_REV_0210             |  |
| <b>Summary of the query:</b>  |   |  |
| Please use the space below to summarize the request for revision on the related approved methodologies.   |   |  |
| <p>ACM0001 “Consolidated baseline and monitoring methodology for landfill gas project activities” is applicable to project activities that capture landfill gas which is flared or used to produce energy. Emission reductions can be claimed for thermal energy generation only if the LFG displaces the use of fossil fuels in a boiler or an air heater.</p> <p>The request for revision seeks to broaden the applicability conditions, so that the emission reductions can be claimed when the LFG displaces fossil fuels to produce thermal energy in a kiln.</p> <p>A summary of the proposed revisions:</p> <ol style="list-style-type: none"> <li>1. <i>Sources.</i> To include the reference to “Tool to determine the remaining lifetime of equipment”;</li> <li>2. <i>Definitions.</i> To add the definition of “best available technology”;</li> <li>3. <i>Applicability.</i> To include conditions specific for kiln productions;</li> <li>4. <i>Baseline emissions.</i> To introduce the provisions for electricity generation equipment and boilers after their end of remaining lifetime; to include the baseline emissions from (1) the methane destroyed in a kiln and (2) the fossil fuels used in the kiln and displaced by the LFG; and</li> <li>5. <i>Project emissions.</i> To estimate the emissions from the fossil fuel consumption in the kiln using the “Tool to calculate project or leakage CO<sub>2</sub> emissions from fossil fuel combustion”.</li> </ol> |   |  |

**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 not to approve the request for revision for the following reasons:

- The proposed revision introduces the procedures to check the end of lifetime of the existing equipment. However, there are no procedures to address the possible impact of using a less carbon-intensive fossil fuel in the kiln after the end of the kiln's remaining lifetime than the fossil fuel used in the baseline scenario. Moreover, the possible impact of increased production capacity after the end of the kiln's remaining lifetime is not addressed.
- If/when the products from the kiln (e.g. due to changes in raw materials or additives) or the production process of the kiln is changed, this may impact the requirements on heat inputs and fuel usage. The proposed revision does not account for this. Moreover, the change in raw materials or the production process could have an impact on the baseline fuel, which is not accounted for in the baseline selection procedures.
- The procedures provided for option C3 should include more details on how to conduct the survey and how to select the kilns which represent the best available technology. Also, it is not clear how to determine the theoretical minimum energy requirement under option C4 as there is no specific algorithm to estimate a theoretical minimum benchmark.
- Possible solutions which the PPs may consider to solve the above mentioned issues are:
  - To assume that NG would be used in the baseline as a fossil fuel (after checking that biomass is not a possible baseline fuel)
  - To include a full baseline determination procedure for the fuel;
  - To use the specific energy determined in the project and assume that it will be the same for baseline (after accounting for difference in efficiency)

Signed by the Chair, Mr. Philip Gwage

Date: 06/05/2011

Signed by the Vice-Chair, Mr. Lex de Jonge

Date: 06/05/2011

| Information to be completed by the secretariat        |             |
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| F-CDM-AM  | AM_REV_0210 |
| Name of the authors of the query:                     | SQS         |
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