



CDM: Recommendation Form for Small Scale Methodologies (version 01)
(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

Date of SSC WG meeting:	15–18 June 2010, SSC WG 26
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Revision of AMS-I.C to expand its applicability to include steam/heat produced from combined sources - biomass and fossil fuel
Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.	AMS.I.C “Thermal energy production with or without electricity”
Name of the authors of the query:	S.K Singh / Navin Mathur / Vikrant Badve Institution: Bharat Starch Industries limited ssingh.bsi@eicl.in , navin.mathur@bunge.com , vikrant.badve@bunge.com

Summary of the query:

Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.

Original text from PP:

[Request for clarification]

The project activity is the implementation of 2.0 MW co-generation plant using biomass residue mix as fuel in a starch manufacturing unit. Prior to the implementation of project activity, the power and steam demand of the unit was met as follows:

- 1) Power:** Power was imported from regional grid. During exigency situations like unavailability of grid power, the power was generated in a captive unit i.e DG sets. Thus, implementation of project activity would displace the equivalent quantum of grid power.
- 2) Steam:** Daily process steam requirement of around 10 tph (tonne per hour) was met using three biomass fired boilers of capacity 3, 5 and 8 tph, installed at site. In the event of boiler shut down due to reasons like fuel unavailability, maintenance or break down, the steam was procured from the neighbouring facility where steam is generated using coal as a fuel. During the most recent three years prior considering the project activity i.e. in baseline scenario; the average consumption of steam from neighbouring facility was 16%. Since, steam was procured from biomass fired boilers in pre-project activity; emission reductions associated with steam will not be claimed.

Further, paragraph 12 of AMS.I.C version 16, enlist scenarios amongst which an appropriate scenario is to be selected as the baseline scenario.

Considering the pre-project scenario as mentioned above, a clarification is requested whether this pre-project scenario, could be described as option (e) in methodology paragraph 12 where ‘*Electricity is imported from the grid and/or produced in an on-site captive power plant using fossil fuels (with a possibility of export to the grid); steam/heat is produced from biomass;*’ as biomass based boilers were the main source of steam/heat to the process in pre-project scenario and steam from coal based boiler was only used during exigency situation. In this case baseline emissions for the project activity will be calculated as per version 16 of AMS I.C.

[Request for revision]

If the above mentioned description is not the suitable option for describing the pre-project scenario in the project case then we request EB to treat this case as ‘steam/heat generation from two different fuels’. However, methodology does not consider the scenario where ‘steam/heat is produced from different fuels’. Thus a revision in methodology is submitted with changes highlighted.

Approval of this revision would expand the applicability of methodology to include steam /heat produced from both the sources (biomass and fossil fuel).

Recommendation by the SSC WG:

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

Please refer to paragraph 5 of the meeting report of the SSC WG 26
<http://cdm.unfccc.int/Panels/ssc_wg>.

Answer to authors of query by the SSC WG:

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

The small-scale working group of the CDM Executive Board would like to thank the author for the submission.

The SSC WG agreed to clarify that scenario (e) of Para 15 of AMS I.C version 17 is applicable in cases where steam/heat is produced in biomass fired boilers and biomass is the main fuel for steam/heat generation in the baseline with a small percentage of fossil fuel use (such as in exigency situations) and the emission reduction from steam/heat component is not claimed. The SSWG agreed to provide the above clarity in the next revision of AMS-I.C.

Signed by the Chair, Mr. Peer Stiansen

Date: 18/06/2010

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 18/06/2010

Information to be completed by the secretariat

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