



CDM: Response form for request for clarification on Approved Methodologies (version 01.1)

<i>Date of Meth Panel meeting:</i>	22-26 April 2013
<i>Title and number of request for clarification</i>	Calculation of Project emissions in a waste heat recovery project activity AM_CLA_0240

Summary of the query:

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

ACM0012 version 04.0.0 “Consolidated baseline methodology for GHG emission reductions from waste energy recovery projects” is applicable to project activities that recover and utilise waste energy.

The clarification refers to a proposed project activity installing and operating a single 30 MW turbo-generator in a sponge iron manufacturing plant, supplying electricity for captive use and the regional grid. The turbine is operated using five waste heat recovery boilers (WHRBs) and one coal fired boiler which have rated capacities of 58.4 TPH, 12.7 TPH x 4 and 90 TPH, respectively. The coal fired boiler is expected to supply 13.2 TPH steam of the total 122.4 TPH required for the turbine’s operation, and it will be used at higher capacity when less WHRB steam is available during maintenance and exigency situations to meet commitments for power exports.

Previous to the implementation of the project activity, the power required for the plant operation was drawn from the grid. Comparing the levelized costs, the PP identified the baseline scenario to be greenfield coal-fired power generation on-site, meeting the on-site electricity demand.

The DOE seeks the following clarifications:

1. whether an alternative that has been considered as plausible in the baseline scenario could also be a part of the project activity configuration;
2. whether it is necessary to account for the emissions arising from the consumption of coal in the 90 TPH coal based boiler in the project activity.

Recommendation by the Meth Panel:

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

Not applicable.

Answer to authors of the request for clarification by the Meth Panel :

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

The Meth Panel notes that the project proponents, when calculating the baseline emissions due to electricity that is displaced by the project activity, chose in a conservative manner the grid emission factor and not the emission factor associated with coal based power generation.

The Meth Panel clarifies that:

1. a part of the project activity configuration could be considered as (a part of) an alternative to the project activity, if it can provide the outputs comparable with the proposed project activity.
2. It is not required to consider emissions due to coal consumption in the coal boiler, because ACM0012

Version 4 defines the project boundary as the relevant WECM stream(s), equipment and energy distribution system in the “project facility” and the “recipient facility(ies). This boiler is outside the project boundary, and it does not constitute supplementary fossil fuel consumption by unit process and/or for co-generation.

Signed by the Chair, Mr. Eduardo Calvo

Date: 03/04/2013

Signed by the Vice-Chair, Mr. Lambert Schneider

Date: 03/04/2013

Information to be completed by the secretariat

F-CDM-AM	AM_CLA_0240
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