



**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)*

<b>Date of SSC WG meeting:</b>	15–18 March 2011, SSC WG 30
<b>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</b>	Clarification on the applicability of AMS-II.H for project activity supplying total electricity produced to a grid
<b>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</b>	AMS-II.H “Energy efficiency measures through centralization of utility provisions of an industrial facility”
<b>Name of the authors of the query:</b>	Mr. Adel Partovi Institution: Mehr Renewable Energies Co. Ltd. <a href="mailto:Partovi@Mehrenergy.com">Partovi@Mehrenergy.com</a>

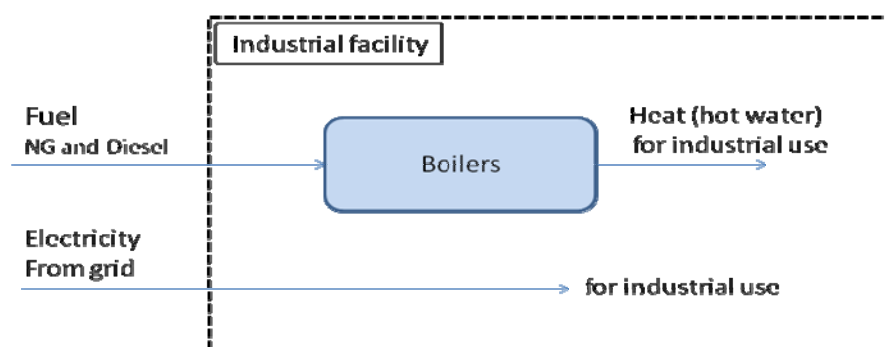
**Summary of the query:**

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:

We are involved in development of a number of project activities who aim to improve the energy efficiency in an industrial facility by installing a Combined Heat and Power (CHP) plant.

Presently, required heat (hot water) of the industrial facility is produced in the existing boilers and required electricity is imported from the only national grid (figure 1).



**Figure 1: Baseline Case**

After implementation of the project activity, required heat will be produced in the new CHP system and produced electricity will be delivered to the national electricity grid. The required electricity of the industrial facility will be imported from the grid, as same as the baseline (figure 2). Technical problems and grid owner rules prevent the direct consume of CHP plant produced electricity in the industrial facility.

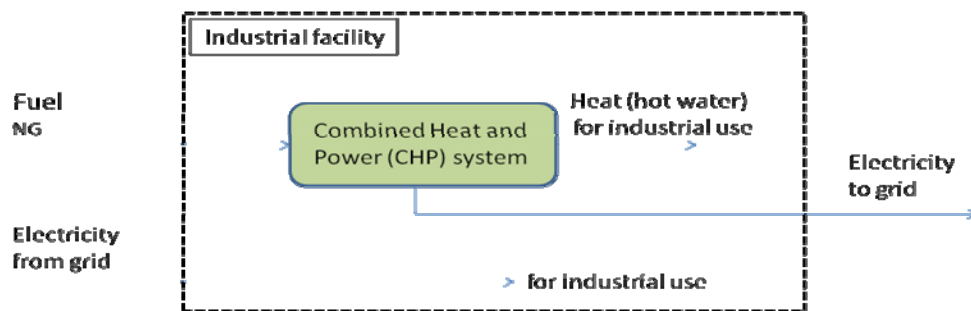


Figure 2: Project Case

According to the context of the methodology AMS-II.H version 2, it's not clear whether this methodology is applicable for this kind of CHP plants, which delivers total produced electricity to the grid, where the industrial facility still import the required electricity from the grid. It might be noted that the amount of electricity generated by the CHP plant may be different to (greater than) the electricity consumption of the industrial facility.

The following clarifications are sought:

1. Is AMS-II.H version 2 applicable for this project (i.e. may we assume the grid as a consumer to the project)?
2. If yes, in calculation of baseline emission using formula (1) in paragraph 10 of the AMS-II.H Ver. 2, which amount shall be considered as the  $E_{grid,y}$  (Amount of grid electricity displaced by the project in year  $y$  (MWh))? Is it the amount of electricity produced by CHP plant and delivered to grid?

#### **Recommendation by the SSC WG:**

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

Please refer to paragraph 25 of the meeting report of the SSC WG 30  
<[http://cdm.unfccc.int/Panels/ssc\\_wg](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 invite the author of the submission to explore the draft methodology recommended by the SSC WG (See annex 11 of the report of the SSC WG 30) .

Signed by the Chair, Ms. Fatou Gaye

Date: 18/03/2011

Signed by the Vice-Chair, Mr. Peer Stiansen

Date: 18/03/2011

**Information to be completed by the secretariat**

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