



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)

<i>Date of SSC WG meeting:</i>	11–14 October 2011, SSC WG 34
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Revision of AMS-I.J to include an alternative approach for energy savings determination
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS-I.J “Solar water heating systems (SWH)”
<i>Name of the authors of the query:</i>	Steve Thorne Institution: SouthSouthNorth Africa steve@southsouthnorth.org

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 Stakeholder

In line with the Suppressed Demand (SD) Standard (EB62) the methodology is changed to include a simplified approach that involves the monitoring of separate classes and sizes of SWHs in the project being monitored for their efficiency (solar radiation/energy in warm water using the average of summer and winter solstice efficiencies using simple draw-down tests) and multiplying this by the solar radiation on an annual basis. The emissions reductions are those that would have been emitted in the baseline providing the same amount of energy in the solar heated water. Monitoring of the efficiencies of each class and size of the in-situ SWHs and the monitoring of a statistically relevant sample of SWHs to ensure the SWH systems are in use and the back-up heaters are calibrated correctly to provide energy only when there is no solar radiation or no available warm water. SWHs not in use or incorrectly backed-up will result in a calculation of a proportional reduction of claimed emissions reductions.

Recommendation by the SSC WG:

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

Please refer to paragraph 15 of the meeting report of the SSC WG 34
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.

On the basis of a review of the submission and discussion with the query author, the SSC WG agreed not to recommend the suggested changes to AMS-I.J.

With respect to the suppressed demand issue, the SSC WG is of the opinion that the current version of the methodology already complies for the major part with the provisions of the “Guidelines on the consideration of suppressed demand in CDM methodologies” (EB 62, annex 6), as the hot water

consumption used for calculating emission reductions can be based on consumption during the crediting period for household applications.

With respect to the new proposed method for calculating emission reductions, which would be a fourth method in the methodology, the SSC WG felt that the proposed method would not be able to reliably and consistently determine emission reductions (e.g. it would not ensure that the data collected would be representativeness of all SWH installed by the project) and thus suggests that the query author consider one of the other methods indicated in the methodology, particularly the model based method. However, the SSC WG may consider gathering additional expert input in the near future on other measurement-based approaches that could be used for calculating emission reductions.

Signed by the Chair, Ms. Fatou Gaye

Date: 14/10/2011

Signed by the Vice-Chair, Mr. Peer Stiansen

Date: 14/10/2011

Information to be completed by the secretariat

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