



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:	26–29 April 2010, SSC WG 25
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Monitoring of electricity supplied to grid connected users in AMS-I.D
Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.	AMS-I.D “Grid connected renewable electricity generation”
Name of the authors of the query:	Michel Buron Institution: Kyoto Energy Pte. Ltd. michel.buron@kyotoenergy.net

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:

This request for clarification refers to the monitoring required by the methodology. Until version 13, it consisted of measuring all the electricity generated by the project activity. From version 14, it only focuses on the net electricity supplied to the grid:

“Monitoring shall consist of metering the net electricity supplied by the project activity to the grid. Measurement results shall be cross checked with records for sold electricity.” (see paragraph 17 of AMS-I.D ver 15)

Such phrasing seems no longer to fit the cases of projects displacing grid electricity by directly supplying users, rendering the methodology no longer applicable. A clarification is sought to confirm that these cases are still applicable, as stated in paragraph 1 of version 14 and 15.

If so, the paragraph could be amended to the following (for example):

“Monitoring shall consist of metering the net electricity supplied by the project activity to the grid and delivered to local users. Measurement results of the electricity exported to the grid shall be cross checked with records for sold electricity.”

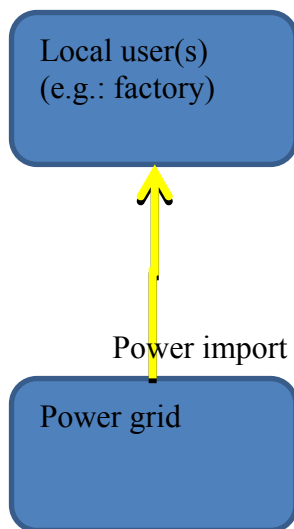
Additional information received via email

As can be seen in the diagram below, the electricity produced by the project activity is used in one of two ways. Some of the electricity is delivered (sold) to the grid. The rest of the generated electricity is directly supplied to grid connected end user(s).

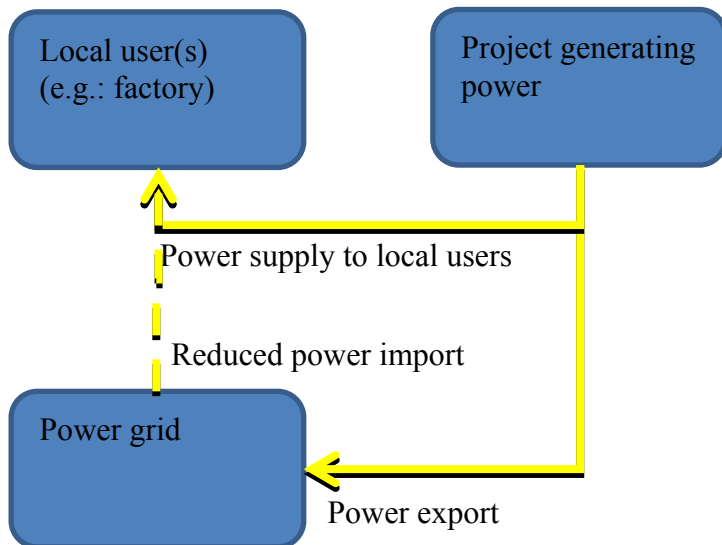
The electricity exported to the grid can (and will) be cross checked with sale receipts. But since the electricity delivered to local users may not be a formal sale, it may not be possible to cross check this component with sale receipts. For example, the electricity generated from biogas captured from a wastewater treatment plant may be used in the adjoining factory at no charge.

As the cross check suggested by the methodology (performed against sales receipts) may not be possible for the component of electricity supplied to the end user, we would like to suggest an additional QA/QC measure on the total electricity generated. Firstly, the fuel input to the genset will be measured and then used along with generated electricity to determine the efficiency of the genset. This efficiency value will then be compared with the manufacturer specified efficiency. As long as the two values do not show considerable divergence, the cross check will be deemed to have been concluded successfully. In case of divergence, an explanation and/or corrections on the basis of the principles of conservatism will be called for.

Baseline scenario



Project activity scenario


Recommendation by the SSC WG:

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

Please refer to paragraph 34 of the meeting report of the SSC WG 25 (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 AMS-I.D (ver. 15) is applicable to the underlying project if it can be demonstrated that the electricity supplied by the project plant would have been supplied by the grid in the baseline and monitoring shall consist of net electricity supplied by the project activity to the captive users.

The submission author also may note that the SSC WG agreed to recommend a new Type I methodology titled “Renewable electricity generation for captive use and mini-grid” and the revised version of AMS-I.D to distinguish the projects that solely supply electricity to a grid from the projects that displace electricity from a grid or a mini-grid (see annexes 11 and 2 of the SSCWG 25 report).

Signed by the Chair, Mr. Peer Stiansen

Date: 29/04/2010

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 29/04/2010

Information to be completed by the secretariat

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