



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:

29 April–02 May 2009, SSC WG 20

Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):

Proposal on emission reduction calculation for higher wattage CFLs in AMS-ILJ

Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.

AMS-ILJ version 02

Name of the authors of the query:

Mr. Jiwan Acharya / Mr. Kenjiro Suzuki

Institution: Asian Development Bank

jacharya@adb.org, ksuzuki@adb.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 PP:

Methodology Paragraph 2 states:

“The total lumen output of the efficient lighting device should be equal to or more than that of the lighting device being replaced, according to the table below.”

Baseline Technology- Incandescent Lamp (Watt)	Minimum Light Output (Lumen)
40	415
60	715
75	940
100	1350

Methodology Paragraph 3 states:

“Project participants are encouraged to replace incandescent lamps with the lowest eligible wattage of the efficient lighting equipment that delivers the equivalent or better lumen than the baseline lamp, as this would result in maximum emission reductions.”

Proposed Amendment

The methodology has specified the most efficient CFL replacement for a particular Incandescent Bulb (IB). We would like to propose the revision to enable accounting for emission reduction from CFLs of

higher wattage up to the wattage of CFL permitted in the above table. In other words, in case project proponents wish to choose a CFL with higher wattage than indicated in the above table, the CDM benefit will be limited to the wattage indicated in the methodology. For example, when the lumen output of 11 W CFL is equivalent to 60 W IB but the project activity replaces 60 W IB with 15 W CFL, which is higher lumen output than 11 W CFL, then the emission reduction up to 11 W CFL equivalent (i.e. 60 W IB) will be certified.

Paragraph 3 can be rephrased as follows:

*“Project participants are encouraged to replace incandescent lamps with the lowest eligible wattage of the efficient lighting equipment that delivers the equivalent or better lumen than the baseline lamp, as this would result in maximum emission reductions. **In case the higher wattage of the efficient lighting equipment is used, the emission reduction up to the lowest eligible wattage equipment equivalent will be credited.**”*

Justification

It is experienced that the CFL distribution programs in many host countries try to minimise the administrative costs of the program by limiting the procurements to one capacity only. Such programs would lose the CDM revenues and become unattractive. The proposed amendment to the methodology provides more practical way of calculating emission reduction for the case where CFLs of higher wattage are used in the project activity and also allows greater flexibility in project implementation, maintaining conservativeness and robustness of the CDM methodology.

Recommendation by the SSC WG:

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

Please refer to paragraph 11 of the meeting report of the SSC WG 20
(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.

With respect to the lumen table and related requirements in the methodology, we note the following:

1. The SSC WG has recommended a new and expanded lumen table to the Board.
2. The methodology encourages Project Proponents to replace incandescent lamps with the lowest eligible wattage of CFL that delivers the equivalent or better lumen than the baseline lamp; however it does not require such, and thus this methodology does not preclude the use of higher wattage CFLs. For example, if there is a project that, while meeting all other methodology and CDM requirements, involves replacing 100,000 75 IC Watt lamps with 15 Watt CFLs and 100,000 60 IC Watt lamps with 15 Watt CFLs, then the savings will be based on total Watt reduction equal to $100,000 \times (75-15) + 100,000 \times (60-15)$; as long as the lumen output of 15 Watt CFLs meets the minimum lumen output requirement of 75 (and 60) Watt IC lamps.
3. The SSC WG is proposing a clarification, for the EB's consideration, to the methodology that if a lamp wattage is not in the lumen output table, linearly interpreted values shall be used to determine the minimum light output requirements.



Signature of SSC WG Chair

(Hugh Sealy)

Date: 02/05/2009



Signature of SSC WG Vice-Chair

(Peer Stiansen)

Date: 02/05/2009

Information to be completed by the secretariat

SSC-Submission number	SSC_288
Date when the form was received at UNFCCC secretariat	02 May 2009
Date of transmission to the EB	02 May 2009
Date of posting in the UNFCCC CDM web site	02 May 2009