CDM: Response form for Request for revision of approved methodologies (version 01.1)

Date of Meth Panel meeting:	25 - 29 October 2010
Title and number of Request for revision	Revision to facilitate the calculation of benchmarks based on data available to PPs and definition of default values. AM_REV_0190

Summary of the query:

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

AM0070 "Manufacturing of energy efficient domestic refrigerators" is applicable to project activities undertaken by manufacturers of refrigerators that increase the energy efficiency of manufactured refrigerators.

The request for revision aims at: (i) Revising the procedures to calculate market benchmark by allowing the use of available data to determine market benchmark; (ii) Providing default factors to simplify the calculation of the adjusted volume; and (iii) Addressing other minor editorial changes.

The following are the details of the revisions:

1. Use of available data to determine market benchmark

The request adds another approach in the methodology which is applicable in countries where a national labeling scheme exists (with a coverage of at least 30%) that provides data on electricity consumption and other technical data of labeled models.

The approach added in the methodology is:

"The second approach may be chosen if the following conditions are both met:

a) A national labelling scheme is available in the country and a private or public labeling agency publishes technical data on refrigerators, such as rated electricity consumption, specific energy consumption, volume data etc. for each of the labeled models. The data from the labelling scheme should cover at least 30% of the units sold in the market for each considered storage volume class j and refrigerator design DC or FF. (If the models in the labelling scheme do not cover 30% in a specific volume category, then this volume category shall be excluded from the project activity.);

b) A qualified market research institution exists in the country that has a history of providing market research data to the refrigerator industry on a regular basis, including data on the number of refrigerator units sold in the country in a specific year by model."

A detailed justification of the approaches is given in a separate note.

2. Default factors to simplify calculation of adjusted volume

The request proposes to provide conservative default values that will allow (i) For the determination of the storage volume from gross volume and (ii) For the estimation of the size of the freezer compartment compared to total storage volume to facilitate the implementation of AM0070 under the conditions of restricted data availability that is typical for many countries.

The following text is introduced into the methodology:

> "For the calculation of adjusted storage volume, if storage volume data of each model is not available, storage volume can be calculated by multiplying gross volume with the default factor AF. The default value AF, the ratio between total storage volume to total gross volume is provided in the table below for both DC and FF models."
>
> If separated compartment volume (e.g. for freezer and fresh food volume) is not available, freezer storage volume can be calculated by multiplying adjusted storage volume by the default value FZR. The default value FZR, the ratio between freezer storage volume to total storage volume, is provided in the table below for both DC and FF models. Fresh food storage volume can be calculated by subtraction of freezer storage volume derived from above from total storage volume.

Table 1: Default values for adjustment factor and freezer to total storage ratio

Major default value	Direct Cool	Frost Free
AF (Adjustment factor)	0.983	0.930
FZR (Freezer to total storage ratio)	0.113	0.302

3. Other minor revisions

a) In the caption of table 2, the phrase "storage volume" has been changed to "adjusted storage volume";

b) In Sub-step 1.1 in the fifth paragraph, line 3 (page 14), the text refers erroneously to the "manufacturer benchmark". It has been revised to "market benchmark".

Recommendation by the Meth Panel:

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

Please refer to the box below.

(b) Please use the space below for providing guidance, as per Para 93 of EB25 Report, on what type of projects need to revise the PDD as a consequence of the suggested revision, if the recommendation is to revise the methodology.

Please refer to the box below.

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

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

The Meth Panel recommends to approve the request for revision partially.

The followings are the details of the Meth Panel's response:

1. Use of available data to determine market benchmark

The Meth Panel recommends to revise the methodology to add an approach to calculate the market benchmark based on data from a national labelling scheme where such labelling scheme exists and the labelled refrigerators are the most efficient refrigerators in the host country.

2. Default factors to simplify calculation of adjusted volume

The Meth Panel believes that after the methodology is revised with an optional approach to use the data from the labelling schemes, the project proponents can use these data to calculate the adjusted storage volume of the refrigerators.

3. Other minor revisions

The Meth Panel would like to thank the project proponents for pointing out the error. The methodology would be revised.

Signed by the Chair, Mr. Lex de Jonge
Date: 29/10/2010

Signed by the Vice-Chair, Mr. Philip Gwage
Date: 29/10/2010

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