



**CDM recommendation form for proposed standardized baselines
(Version 01.0)**

(To be used to make a recommendation to the Board regarding a proposed standardized baseline.)

SECTION 1: GENERAL INFORMATION

Title of the proposed standardized baseline:	“Grid Emission Factor for the Southern African Power Pool”
Submitting DNA:	Republic of Botswana
Developer of the standardized baseline: <i>(Parties, project participants, international industry organizations or admitted observer organizations)</i>	UNEP Risoe together with the Secretariat of the Southern African Power Pool supported by GFA ENVEST
Party or Parties to which the standardized baseline applies:	The Republic of Botswana, The Democratic Republic of the Congo (DRC), The Kingdom of Lesotho, The Republic of Mozambique, The Republic of Namibia, The Republic of South Africa, The Kingdom of Swaziland, The Republic of Zambia, Zimbabwe
Sector to which the proposed standardized baseline applies: <i>(the sector according to the definition of sector in the “Guidelines for the establishment of sector specific standardized baselines”)</i>	Any sector involving the emissions from the relevant Project Electricity System either in baseline and/or project scenario, including Sectoral Scope I: “Energy Industries,” as defined by the UNFCCC.

SECTION 2: RECOMMENDATION ON THE PROPOSED STANDARDIZED BASELINE

The following recommendation is made by the secretariat and/or the Meth Panel: *(please check)*

- Approve the proposed standardized baseline; or
- Requires further input (e.g. additional information or modification to the submitted documentation) from the DNA; or
- Not to approve the proposed standardized baseline.

The recommendation was made, in accordance with the procedures, as follows: *(please check)*

- The secretariat prepared a draft recommendation and the two appointed members of a panel or working group independently assessed and agreed to the draft recommendation; or
- The secretariat prepared a draft recommendation and at least one of the two appointed members of a panel or working group disagreed with the draft recommendation or requested it to be considered by a panel or working group. The panel considered the draft recommendation and finalized it.

A. Approve the proposed standardized baseline

Please provide a description of any change made to the original submitted standardized baseline, if applicable.

B. Requires further input from the DNA

1. The relevant electricity system.
 - a) It is requested to add the Table 1 “*Evaluation of SAPP Transmission Constraints by Transfer*” to the MS Excel model (IGES GEF SAPP Final 2012-02-22.xlsx).
 - b) The SAPP annual report for the year 2010 (<http://www.sapp.co.zw/docs/2010%20Annual%20report.pdf>) presents the values of the net import/export for the utilities. It is requested to clarify the inconsistency between values in the Table 1 “*Evaluation of SAPP Transmission Constraints by Transfer*” and the annual report. For example, for SNEL annual report presents 38 GWh of the net import and 871GWh of the net export, while the amount of 107.87GWh reported as an import to SNEL from ZESCO in the Table 1 “*Evaluation of SAPP Transmission Constraints by Transfer*”.
2. Calculations of the combined margin emission factor.
 - a) The calculation of the operating margin emission factor (sheets OM(1), OM(2), OM(3) of the MS Excel model) requires the use of the conversion factor (cell O6). The value used in the MS Excel model is incorrect. The correct value is 44/12/1000.
 - b) The sample group of the power units used to determine the build margin emission factor includes power plants older than ten years. According to the tool if the power units included in the build margin are older than ten years, only option A2 from guidance in Step 4(a) of the tool can be used. Therefore it is requested to update the emission factor calculations for the following power units:
 - i. ESKOM – Majuba;
 - ii. ESKOM – Kendal;
 - iii. ESKOM – Matimba;

C. Not to approve the proposed standardized baseline

Please provide a justification for not approving the standardized baseline.

Date of transmission to the EB:

History of the document

Version	Date	Nature of revision(s)
01.0	23 March 2012	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Methodology		