



**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.

Based on the draft recommendation submitted to the DNA of the Republic of Botswana dated 11/10/2012, corrections were received to the original submitted standardized baseline that included the following revised supporting documents:

- “Calculation of the emission factor of the electricity system of the Southern Africa Power Pool”, version 1.6 dated 24th October 2012;
- “Evaluation of 2010 Transmission Barriers 2012-10-24” (confidential file);
- “IGES GEF SAPP Final 2012-10-24”; and
- “Protocol of changes SAPP GEF SBL 2012-10-24”

Review of these documents resulted into the following values for this standardized baseline:

Parameter	SI Unit	Description	Value
$EF_{grid,CM,y}$	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system applicable to the wind and solar power generation	0.9801
$EF_{grid,CM,y}$	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system applicable to all project activities other than wind and solar	0.9644
$EF_{grid,CM,y}$	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system applicable to all project activities other than wind and solar for the first crediting period	0.9488
$EF_{grid,BM,y}$	tCO ₂ /MWh	Build margin CO ₂ emission factor for the project electricity system for the second and third crediting period	0.9331
$EF_{grid,OM,y}$	tCO ₂ /MWh	Operating margin CO ₂ emission factor for the project electricity system	0.9958

B. Requires further input from the DNA

Please provide a list of additional information or modifications that are required.

Not applicable

C. Not to approve the proposed standardized baseline

Please provide a justification for not approving the standardized baseline.

Not applicable

Date of transmission to the EB:

13 May 2013

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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		