



**Proposed standardized baseline recommendation form
(Version 02.0)**

**INFORMATION TO BE COMPLETED BY THE TWO SELECTED MEMBERS OF THE PANEL/ WORKING GROUP OR THE
PANEL/WORKING GROUP**

| | |
|--|---|
| Title of the proposed standardized baseline: | “Uganda’s Grid Emission Factor Standardised Baseline” |
| Reference number of the proposed standardized baseline: | PSB0012 |
| Name(s) of the Party or Parties to which the proposed standardized baseline applies: | Uganda |
| DNA submitting the proposed standardized baseline: | The Designated National Authority (DNA) of Uganda |
| Name(s) of the proponent(s) of the proposed standardized baseline: <i>(Parties, project participants, international industry organizations or admitted observer organizations)</i> | Climate Focus |
| History of the submission: | |
| Date (DD/MM/YYYY) when the recommendation is completed: | 18 September 2014 |

Approach for the development of the proposed standardized baseline:

- The “Guidelines for the establishment of sector specific standardized baselines”
- A methodological approach contained in an approved baseline and monitoring methodology (Please specify below the exact reference (number, title and version) of the approved methodology _____)
- A methodological approach contained in an approved methodological tool “Tool to calculate the emission factor for an electricity system” (version 3.0)
- The “Guideline: Establishment of standardized baselines for afforestation and reforestation project activities under the CDM”

Important conditions under which the proposed standardized baseline is applicable:

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.

Summary description of the proposed standardized baseline:

Based on the draft recommendation submitted to the DNA of Uganda dated 24 June 2014, corrections were received to the original submitted standardized baseline that included the following revised supporting documents:

- a. “Uganda GEF Report 15 July 2014 clean.docx”, version 02, dated 15th July 2014;
- b. “Meth_form13_CDM-PSB Uganda GEF SBL 15 July 2014 clean.doc” version 02, dated 15th July 2014;
- c. MS Excel sheet “Uganda GEF Tool 15 July 2014.xlsx” version 02, dated 15th July 2014;

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

Table 1. Grid Emission Factors derived by the inclusion of off-grid power units in the project electricity system

| 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 for the first crediting period | 0.582 |
| EF _{grid,CM,y} | tCO ₂ /MWh | Combined margin CO ₂ emission factor for the project electricity system applicable to all renewable power generation project activities other than wind and solar for the first crediting period | 0.550 |
| EF _{grid,BM,y} | tCO ₂ /MWh | Build margin CO ₂ emission factor for the project electricity system | 0.485 |
| EF _{grid,OM,y} | tCO ₂ /MWh | Operating margin CO ₂ emission factor for the project electricity system | 0.614 |

Table 2. Grid Emission Factors derived by the exclusion of off-grid power units in the project electricity system

| 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 for the second and third crediting period | 0.543 |
| EF _{grid,CM,y} | tCO ₂ /MWh | Combined margin CO ₂ emission factor for the project electricity system applicable to all project activities except wind, solar and other renewables for the first crediting period | 0.513 |
| 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 second and third crediting period | 0.484 |
| EF _{grid,BM,y} | tCO ₂ /MWh | Build margin CO ₂ emission factor for the project electricity system | 0.454 |
| EF _{grid,OM,y} | tCO ₂ /MWh | Operating margin CO ₂ emission factor for the project electricity system | 0.573 |

Recommendation to the Board:

- To approve the draft standardized baseline
- Not to approve the draft standardized baseline

Reasons for not approving the proposed standardized baseline:

Any other issues arising from the review of the proposed standardized baseline:

Document information

| <i>Version</i> | <i>Date</i> | <i>Description</i> |
|----------------|-----------------|--|
| 02.0 | 1 December 2013 | <p>The document title has changed from “CDM recommendation form for proposed standardized baselines” (F-CDM-PSB-REC) to “Proposed standardized baseline recommendation submission form” (CDM-PSBR-FORM).</p> <p>Revision to</p> <ul style="list-style-type: none">• Reflect updated requirements in the “Procedure: Development, revision, clarification and update of standardized baselines”• Include an editorial improvement. |
| 01.0 | 23 March 2012 | Initial publication. |

Decision Class: Regulatory
Document Type: Form
Business Function: Methodology
Keywords: standardized baselines
