



**Proposed standardized baseline recommendation form
(Version 02.1)**

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

Title of the proposed standardized baseline:	Grid emission factor for the national power grid of Uganda
Reference number of the proposed standardized baseline:	PSB0058
Name(s) of the Party or Parties to which the proposed standardized baseline applies:	Republic of Uganda
DNA submitting the proposed standardized baseline:	The Designated National Authority 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>	The Designated National Authority of Uganda
History of the submission:	Initial submission – 17/12/2021 Second submission – 08/04/2022 Third submission – 24/05/2022
Date (DD/MM/YYYY) when the recommendation is completed:	30/06/2022
Approach(es) for the development of the proposed standardized baseline:	
<input type="checkbox"/> The approach contained in the “Guidelines for the establishment of sector specific standardized baselines” <input type="checkbox"/> A methodological approach contained in an approved, proposed new or revised baseline and monitoring methodology (please specify below the exact reference (number, title and version) of the relevant methodology _____) <input checked="" type="checkbox"/> A methodological approach contained in an approved, proposed new or revised methodological tool (please specify below the exact reference (title and version) of the relevant tool “ <u>Tool to calculate the emission factor for an electricity system, Version 7.0</u> ”) <input type="checkbox"/> The approach contained in 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:	

The scope of this standardized baseline covers the grid emission factor national power grid for Uganda. It was derived using the ex-ante data vintage option of the “TOOL07: Tool to calculate the emission factor for an electricity system”, version 7.0 (hereinafter referred to as “the grid tool”) based on 2017 – 2019 data vintage. The data vintage applied complies with provisions from the standard “Determining coverage of data and validity of standardized baselines”, version 2.0.

A Clean development mechanism (CDM) project activity and programmes of activity (hereinafter referred as project activity) may apply this standardized baseline under the following conditions:

- (a) The project activity is implemented in Uganda and is connected to the national power grid of Uganda;
- (b) The CDM approved methodology that is applied to the project activity requires the determination of CO₂ emission factor(s) through the application of the grid tool;
- (c) The project activity uses the ex-ante options for both the operating margin and build margin grid emissions factors, as described in the grid tool, and therefore no monitoring or recalculation of the emission factor during the crediting period is required.

Project participants who do not wish to use this standardized baseline may alternatively estimate their own values for the grid emission factor, by applying the latest applicable version of the grid tool.

Summary description of the proposed standardized baseline:

This standardized baseline provides values for the parameters mentioned in table 1.

Table 1. Grid emission factors for the national grid of Uganda

Parameter	Unit	Description	Applicable project types	Applicable values		
				First crediting period	Second crediting period	Third crediting period
EF _{grid, OM, y}	tCO ₂ /MWh	Operating margin CO ₂ emission factor for the national power grid of Uganda	All project activities	0.2740		
EF _{grid, BM, y}	tCO ₂ /MWh	Build margin CO ₂ emission factor for the national power grid of Uganda	All project activities	0.0000		
EF _{grid, CM, y}	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the national power grid of Uganda	All project activities except wind and solar power generation	0.1370	0.0685	
EF _{grid, CM, y}	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the national power grid of Uganda	Wind and solar power generation project activities	0.2055		

Recommendation to the Board:

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

Reasons for not approving the proposed standardized baseline (if any):

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

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.1	1 September 2015	Revision to include an editorial improvement.
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.
<p>Decision Class: Regulatory Document Type: Form Business Function: Methodology Keywords: standardized baselines</p>		