



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:	Grid Emission Factor for the Electricity System of the Republic of Armenia for 2016
Reference number of the proposed standardized baseline:	PSB0042
Name(s) of the Party or Parties to which the proposed standardized baseline applies:	Republic of Armenia
DNA submitting the proposed standardized baseline:	The Designated National Authority (DNA) of the Republic of Armenia
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 (DNA) of the Republic of Armenia
History of the submission:	1) 17/07/2017: first submission was received 2) 19/09/2017: second submission was received
Date (DD/MM/YYYY) when the recommendation is completed:	19/01/2018

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 (Please specify below the exact reference (title and version) of the approved tool "Tool to calculate the emission factor for an electricity system" (version 05.0.0))
- ☐ 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:

This standardized baseline is applicable to clean development mechanism (CDM) projects in the Republic of Armenia.

CDM project activities can apply this standardized baseline under the following conditions:

- a) The project activity is connected to the project electricity system;
- 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 tool, for the determination of baseline emissions, project emissions and/or leakage emissions;
- c) When applying the values of this standardized baseline to a CDM project activity, the requirements below are to be followed:
 - I. If the CDM project activity uses the ex-ante option of data vintage, as per the tool, the latest approved values of table 1 below shall be used for the calculation of emission reduction for the entire first, or entire second or entire third crediting period;
 - II. If the CDM project activity uses the ex-post option of data vintage as per the tool, the latest approved values of table 1 below valid at the end of the monitoring period shall be used for the calculation of emission reduction for that monitoring period. As per the tool, ex-post values are required to be updated annually.

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 project electricity system

Parameter	SI unit	Description	Applicable crediting periods	Applicable project types	Value
EF _{grid,OM-adj,y}	tCO ₂ /MWh	Operating margin CO ₂ emission factor for the project electricity system	First, second and third crediting periods	All project activities	0.4620
EF _{grid,BM,y}	tCO ₂ /MWh	Build margin CO ₂ emission factor for the project electricity system	First, second and third crediting periods	All project activities	0.3456
EF _{grid,CM,y}	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system	First, second and third crediting periods	Wind and solar power generation project activities	0.4329
EF _{grid,CM,y}	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system	First crediting period	All project activities except wind and solar power generation	0.4038
EF _{grid,CM,y}	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system	Second and third crediting periods	All project activities except wind and solar power generation	0.3748

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:

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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		