

**ASB0031**

## Standardized baseline

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# Grid emission factor for Grenada

Version 01.0



**United Nations**  
Framework Convention on  
Climate Change

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## **1. Introduction**

1. This standardized baseline provides the values for grid emission factors (i.e. the carbon dioxide (CO<sub>2</sub>) emission factors) for the independent grids on three islands of Grenada: Grenada, Carriacou, Petit Martinique.

## **2. Scope, applicability, and entry into force**

### **2.1. Scope and applicability**

2. The scope of this standardized baseline covers the grid emission factors for the three independent electricity systems of Grenada. It was derived using the ex-ante data vintage option of the “Tool to calculate the emission factor for an electricity system” (hereinafter referred to as “the grid tool”) based on 2010–2012 data vintage.
3. Clean development mechanism (CDM) project activities and programmes of activities (hereinafter referred as project activities) can apply this standardized baseline under the following conditions:
  - (a) The project activity is implemented on any of the above-mentioned islands of Grenada and is connected to the project electricity system;
  - (b) The CDM approved methodology that is applied to the project activity requires the determination of CO<sub>2</sub> emission factor(s) through the application of the grid tool;
  - (c) The project activity uses ex ante option for the grid emission factor as indicated in the tool i.e. no monitoring and recalculation of the emissions factor during the crediting period is required.
4. 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.

### **2.2. Entry into force and validity**

5. This standardized baseline enters into force upon adoption by the CDM Executive Board on 23 November 2016. This standardized baseline is valid from 23 November 2016 to 22 November 2019.

## **3. Normative references**

6. This standardized baseline is based on the proposed new standardized baseline PSB0023 “Grid emission factor for Grenada” submitted by the designated national authority (DNA) of Grenada.
7. This standardized baseline is derived from version 05.0 of the grid tool.
8. For more information regarding proposed new standardized baselines as well as their consideration by the CDM Executive Board, please refer to:  
<[http://cdm.unfccc.int/methodologies/standard\\_base/index.html](http://cdm.unfccc.int/methodologies/standard_base/index.html)>.

## 4. Definitions

9. **Project electricity system** - the spatial extent of the power plants that are physically connected through transmission and distribution lines to supply electricity to the independent electricity systems on the following three islands of Grenada: Grenada, Carriacou, Petit Martinique.
10. The definitions contained in the Glossary of CDM terms shall apply.
11. The definitions contained in the tool shall apply.

## 5. Parameters and values

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

**Table 1. Grid emission factors for the project electricity systems of the three islands of Grenada: Grenada, Carriacou, Petit Martinique**

Parameter	Unit	Description	Applicable project types	Applicable values		
				First crediting period	Second crediting period	Third crediting period
<b>EF<sub>grid</sub>, Simplified CM</b>	tCO <sub>2</sub> /MWh	Simplified combined margin CO <sub>2</sub> emission factor for the project electricity system of the island Grenada	All project activities	0.634	0.634	0.634
<b>EF<sub>grid</sub>, Simplified CM</b>	tCO <sub>2</sub> /MWh	Simplified combined margin CO <sub>2</sub> emission factor for the project electricity system of the island Carriacou	All project activities	0.675	0.675	0.675
<b>EF<sub>grid</sub>, Simplified CM</b>	tCO <sub>2</sub> /MWh	Simplified combined margin CO <sub>2</sub> emission factor for the project electricity system of the island Petit Martinique	All project activities	0.890	0.890	0.890

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### Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
01.0	23 November 2016	Initial publication. This standardized baseline is approved by CDM Executive Board in accordance with the "Procedure for development, revision, clarification and update of standardized baselines" (CDM-EB63-A28-PROC).
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