



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL / WG

Date and number of Panel / WG meeting:	21–25 June 2021 / MP 85
Title/Subject of the request for clarification:	Clarification on leakage emissions related to deforestation and reforestation in the interconnection of an isolated electricity system under AM0045
Reference number of the request for clarification:	AM_CLA_0288
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AM0045: Grid connection of isolated electricity systems --- Version 2.0
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

Original text from the PP:

Please note that this request pertains to the CDM project 10083, GRID CONNECTION OF AN ISOLATED ELECTRICITY SYSTEM ON THE PACIFIC COAST OF COLOMBIA (CAUCA – NARIÑO), which currently is undergoing an update of the Project Participants to include the Ministry of Mines and Energy of Colombia as a project participant. The Modalities of Communication form for this change has been submitted to the Secretariat.

In the context of this project, the registered PDD determined, ex-ante, that during the construction of the new transmission line, 732.80 Ha of land were cleared of forest to install the project infrastructure. The cleared areas correspond to the nine new substations and 553 km of transmission and distribution lines.

According to the Leakage section of the methodology, leakage emissions from the deforestation are calculated and included one time in the first verification period of the project.

In this project, the leakage emissions are in total 175,630 tCO₂. Although the crediting period started on 01/12/2015, the project operation did not begin until 01/05/2018. The emission reductions from the operation of the project during the period 01/05/2018 – 31/12/2020 are estimated as 64,115 (BE) - 48,882 (PE) - 175,630 (L) tCO₂. This leads to a net emission reduction of -160,397 tCO₂, considering the leakage emissions.

Nevertheless, in line with Colombian regulations, the project was required to compensate the deforestation resulting from the construction. The requirement to compensate was included in the Environmental License conceded to the project by the relevant regional environmental authority (Regional Autonomous Corporation of Cauca, CRC). The compensation was carried out by reforesting, with ongoing maintenance, of an equivalent area in the region overseen by the CRC and the neighboring Regional Autonomous Corporation of Nariño (Corponariño), with technical monitoring by the CRC and Corponariño, and certification by the CRC of the compliance of the compensation with the requirements in the environmental license.

Given that the deforested areas were compensated through reforestation in line with the applicable regulations in Colombia, would it be possible to take into account the carbon removals from reforestation as well in the leakage emission calculations?

Clarification by the secretariat or Panel / WG

The Meth Panel would like to thank the stakeholder for the submission. The Meth Panel would like to clarify that the methodology "AM0045: Grid connection of isolated electricity systems --- Version 2.0" does not include any provision to allow consideration of compensation through carbon removals by way of afforestation/reforestation. There are currently no tools that are applicable to CDM energy projects that

enable comparison of carbon in the above ground biomass in the deforested area to the carbon sequestered in the new areas afforested/reforested.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

AM0045: Grid connection of isolated electricity systems --- Version 2.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row "Version(s) of the approved methodology / methodological tool to which the clarification is applicable"
02.0	18 July 2013	Revised to remove the row "Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)"
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none"> • Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1) • Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)
Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools		