



**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:	7-11 February 2022 / MP 87
Title/Subject of the request for clarification:	Recovery of liquefied petroleum gas (LPG) under AM0009
Reference number of the request for clarification:	AM_CLA_0296
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AM0009: Recovery and utilization of gas from oil fields that would otherwise be flared or vented --- Version 7.0
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 DOE:

We kindly ask for clarification on fast-track with regard to the application of AM0009 Version 7.0 for the following project situation:

As per AM0009, recovered gas can result in production of dry gas and LPG (see Figure 2 of AM0009). In the specific situation of the project (single project activity), only recovered LPG would be sold to the market (worldwide export) while the recovered dry gas would be mainly reinjected into the oil field to maintain the reservoir pressure and a much smaller part for gas-lift purposes. Therefore, no pipeline exists to supply recovered dry gas to consumers. Related to this project setup, the following questions become relevant.

- 1) Is the described project setup with only LPG recovery considered for the determination of emission reductions applicable under AM0009?
- 2) If yes, can the baseline emissions be determined following Equation (1) of AM0009 based on the quantity and NCV of the LPG recovered?
- 3) Furthermore, the project setup, as it will be implemented at an existing processing platform where some gas is already treated, will not allow one direct measurement at point F as shown in Figure 2 of AM0009.

The project aims at flaring measuring gas volume entering the pretreatment and volumes of extracted LPG leaving the system as well as using gas balance calculations in order to define the incremental volumes of LPG due to the avoided. Would such an approach be acceptable under the methodology?

Clarification by the secretariat or Panel / WG

The Methodologies Panel (Meth Panel) would like to thank the stakeholder for the submission. The Meth Panel would like to clarify as follows.

The Meth Panel understands that the project intends to recover the associated hydrocarbons which would have been flared, marketing some of the hydrocarbons as LPG and injecting the associate gas. Based on the limited information contained in the clarification request, the Meth Panel is not able to assess the applicability of the methodology in a conclusive manner. However, the following issues have been highlighted.

- The described project situation appears to correspond to an enhanced oil and gas recovery operation, a type of activity that is not conceived by the methodology and such actions may increase the service level of the activity more than baseline situation. The methodology does not have provisions related to the establishment of the baseline, project and leakage emissions for such a situation.
- Project emissions related to additional energy used for the reinjection of the recovered gas back into the oil fields needs to be considered.

- A procedure needs to be incorporated to identify the baseline scenario to determine whether the LPG would have been flared in the absence of the project. Based on the description, it is unclear what would have happened to the associated gas in the absence of the project activity, because it is mentioned that there is an existing processing unit where some gas is already treated.

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

AM0009: Recovery and utilization of gas from oil fields that would otherwise be flared or vented --- Version 7.0

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)
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