

Requirements for the verification process under the JCM

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Verification requirements (1)

- Verification is the periodic independent review and ex post determination by a TPE of the monitored GHG emissions reductions as a result of a registered JCM project during the verification period.
- A TPE determines whether the project complies with the requirements of the applied methodology(ies), these Guidelines (GL VV ver.1), and decisions by the JC.
- The verification report gives an overview of the verification conclusions and the verification process used by the TPE. All verification findings are identified and justified.

Source: Joint Crediting Mechanism Guidelines for Validation and Verification version1.0

Verification requirements (2)

◆ General requirements:

Main focus of verification are given to the assessment of:

- (a) The eligibility criteria which are stipulated in the applied methodology of implemented projects are satisfied;
- (b) The data used in monitoring reports is credible and reliable;
- (c) Double registration is avoided;
- (d) There are no post registration changes which prevent the use of the applied methodology.

Source: Joint Crediting Mechanism Guidelines for Validation and Verification version1.0

Verification requirements (3)

- ◆ The TPE reviews:
 - (a) The registered PDD, including any approved changes from the registered PDD and the corresponding validation opinion;
 - (b) The validated PDD in case validation and verification are conducted simultaneously and the corresponding validation opinion;
 - (c) The validation report;
 - (d) Previous verification reports, if any;
 - (e) The applied methodology;
 - (f) Monitoring report to verify that it is as per the corresponding Monitoring Report Sheet to the applied methodology;
 - (g) Any other information and references relevant to the project's emission reductions;
 - (h) Written confirmation of the avoidance of double registration.

Source: Joint Crediting Mechanism Guidelines for Validation and Verification version1.0

Verification requirements (4)

- ◆ Compliance of the project implementation with the eligibility criteria of the applied methodology

The **TPE determines the conformity of the actual project and its operation with the eligibility criteria of the applied methodology.**

- ◆ Assessment of the project implementation against the registered PDD or any approved revised PDD

- ◆ Compliance of calibration frequency and correction of measured values with related requirements

If monitoring of parameters related to the GHG emissions reductions of a project has been conducted by measuring equipment (monitoring Option C defined in the PDD and Monitoring Guidelines), the **TPE determines whether the measuring equipment has been properly calibrated in line with the monitoring plan and whether measured values are properly corrected, where necessary,** to calculate emission reductions in line with the PDD and Monitoring Guidelines.

Source: Joint Crediting Mechanism Guidelines for Validation and Verification version 1.0

Verification requirements (5)

◆ Assessment of data and calculation of GHG emission reductions
The TPE assesses the data and calculations of GHG emission reductions achieved by resulting from the project implementation

◆ Assessment of avoidance of double registration
The TPE determines whether the project is not registered under other international climate mitigation mechanisms.

◆ Post registration changes
The TPE determines whether there are post registration changes from the registered PDD and/or methodology which prevent the use of the applied methodology.

Source: Joint Crediting Mechanism Guidelines for Validation and Verification version1.0

Example of on site assessment

Date	Time	Schedule
DD-MM-19	9:30-10:30	Opening meeting - Introduction and Briefing by Third Party Entity - Introduction of the proposed JCM project by project participants
	10:30-11:30	Interview with: - Project Manager - Plant Manager - Operator
	11:30-12:30	Site visit
	12:30-13:30	Lunch
	13:30-15:00	Document review and additional interviews if necessary - Project Manager - Plant Manager - Operator
	15:00-16:00	Preparation for wrap-up meeting
	16:00-17:00	Wrap-up meeting

CAR and CL

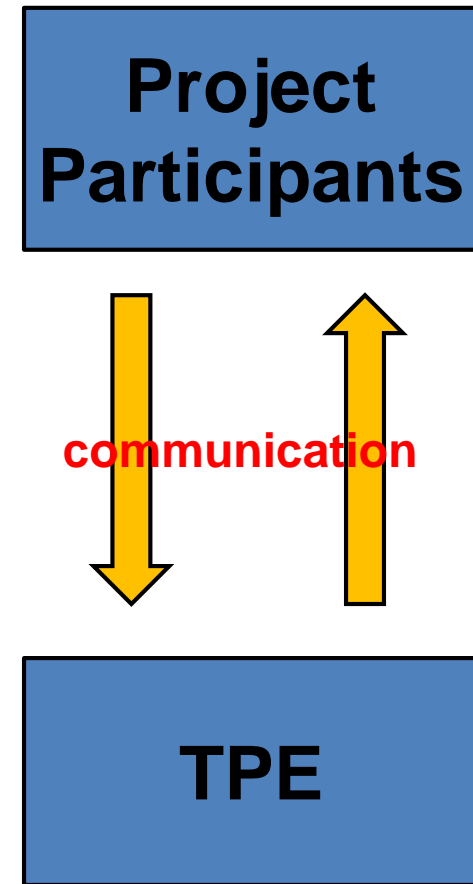
TPE will raise CARs and CLs if they find under the verification process. TPE will also assess responses from project participants and conclude their opinions in the verification report.

➤ **A Corrective Action Request (CAR)**

CAR is a request raised by the TPE to project participants during verification in cases such as when there has been a mistake, the verification requirements not been met or there is a risk that the emission reductions cannot be monitored or calculated.

➤ **A Clarification Request (CL)**

CL is a request raised by the TPE to project participants during verification when the information provided is insufficient or unclear.



Clarification request (CL) by TPEs

Case 1

PPs were requested by TPE to clarify implementation of the procedures to keep the relevant data and information required for the verification and issuance.

How to respond by PPs

PPs provided the detailed procedures that clarify the data and information controls having been implemented.

Case2

The details of the electricity meter were not indicated in the MRS, including the accuracy level and calibration information (frequency, date of calibration and validity).

How to respond by PPs

PPs provided the additional information of electricity meter and added it in the revised MRS.

Corrective Action Request (CAR) by TPEs

Case 1

The number of installed modules was not consistent between the references: PV module delivery reports by the supplier, the single line diagrams, and the installed module listed by the PP.

How to respond by PPs

PPs submitted the delivery completion reports additionally, corrected the single line diagrams, and revised the PDD.

Case2

It is described that "Two electricity meters are installed at this project. The one was installed on 23 October 2014 at subproject 1 and the other was installed on 4 December 2014 at subproject 2." in Monitoring Report. However, electricity meters were started measuring on that day instead of installation. The description of the Monitoring Report needs to be revised.

How to respond by PPs

The description of "Measurement method and procedure" of the Monitoring Report was revised.