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CDM Executive Board

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Request for review

Dear Sirs,

Please find below the response to the request for review formulated for the CDM project with the registration number 0033. In case you have any further inquiries please let us know as we kindly assist you.

Yours sincerely,

Javier Castro
Carbon Management Service

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Response to the CDM Executive Board

Issue 1:

The Monitoring Plan states that the flare efficiency will not be monitored and the design combustion efficiency will be provided by a third party. Since according to the methodology this parameter will guarantee the correct performance of the digester and gas recovery, further clarification is required on how the DOE has verified this value.

Response by TÜV SÜD:

As indicated on Page 4, table 2 of the Monitoring Report, the data origin for flare efficiency is the design combustion efficiency, provided by a third party (in %). Please find attached the certificate of Perennial Energy with the related technical information to the installed open flare. A review of all documents provided by the third party related to flare efficiency has been done by the DOE. The continuous operation of the flare guarantees the correct performance of the digester and gas recovery, which is tested performing a check of the gas data collected from digester. The information related was provided by the project proponent during audit activities.

Issue 2:

The DOE deferred the FAR 5 from the previous verification regarding the failure of biogas monitoring equipment as a FAR 2 to be resolved in next verification. However, there is no explanation why this FAR 5 was not resolved during this monitoring period

Response by TÜV SÜD:

During the verification process it was not possible to confirm the installation of the voltage regulators. Taking in account that the biogas flow is considered only a parameter to control anaerobic digestion, not being part of ER calculations and that the anaerobic process is demonstrated by pH and % of CO₂ measures, which ensures digester operation, hence there is no risk in the CERs claimed. Therefore the FAR can be passed to the next verification.

Now the project participant submitted a documentation that shows that the installation of a voltage regulator is not effective to assure power supply (which is attached to this response) including some measurements on how to deal with electrical failures. During the next verification period will be check if the proposed measures has been correctly applied. The verification report has been updated including this new information.