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Ref: Response to request for review for project activity “Anaerobic digestion swine wastewater treatment with on-site power project (ADSW RP2002)” with the Reference Number 1846

08 September 2008

UNFCCC Secretariat
Martin-Luther-King-Strasse 8
D-53153 Bonn
Germany

Attention: CDM Executive Board

Dear Sir or Madam,

We were informed that our project “Anaerobic digestion swine wastewater treatment with on-site power project (ADSW RP2002)” (reference number 1846) was requested for review. On behalf of the project participants, we would hereby like to answer the questions and clarify the issues raised in the requests for review.

1. The calculation of the grid emission factor should be included in the PDD and the DOE is requested to provide information regarding how this value has been validated to comply with the requirements of the methodology.

PP's response:

The calculation of the grid emission factor has been included in the baseline calculation spreadsheet as described under Parameter CEF_{grid} in PDD Section B.6.2 and the spreadsheet has been validated by the DOE during the validation.

To respond to this issue, the grid emission factor calculation is now included in Annex I of the revised PDD.

2. Further clarification is required that the electrical output of the project activity will not be greater than the historical captive demand of the host farm.

PP's response:

The capacity of the generator set is designed to match the actual peak demand of the farm. This peak demand may alter (increasing and decreasing) year on year as a result of a variety of factors such as demand for pork and disease, etc (it is not necessarily a static demand). The design of the project to match actual peak demand is deliberate as the host farm is the only potential buyer of power generated at present, there is an inability to export surplus energy to the grid with possible surplus biogas having to be flared. This is due to the regulatory restrictions on small private power producers exporting to the grid at the time of project development in the Philippines.

Due to the changes of the power demand in the farm throughout the course of the day, the maximum power generation capacity of the project will not be reached. It is the characteristic of the generator set that its output is automatically adjustable to the power demand instantaneously. Thus the electrical output of the project activity will never be greater than the actual captive demand of the host farm. This power demand is currently expected to realise in the order of only 850tonnes of emissions reductions per annum.

However, if in the future the regulatory barrier is removed for the project to export electricity to the grid, it might be possible for the project to expand generation capacity if gas availability allows. The design of the project to match the variable host demand for power, and to respond a potential future change in regulation in the Philippines to allow an effective utilisation of any possible surplus biogas produced (as opposed to flaring) have been reflected in the PDD in Sections A.2 and B.5.

3. The pressure and temperature of the biogas should be monitored in accordance with paragraph 11 of AMS-III.D v13.

PP's response:

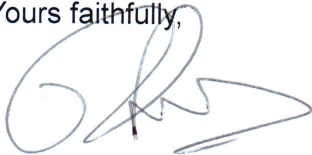
It is clarified in the revised PDD (in Section B.7.1) that the flow meter automatically measures temperature and pressure, expressing biogas volumes in normalized cubic meters (Nm³), therefore no separate monitoring of temperature and pressure would be necessary.

4. The PDD should indicate whether an open or enclosed flare will be employed.

PP's response:

An open flare will be employed. The PDD is revised for clarification (in Section A.2) and the parameter 'Flare Efficiency' is also revised to fit with the open flare (in Section B.7.1).

Yours faithfully,



Philip Scales

Director

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Note:

In case you have any further question or request during the review process, please do not hesitate to contact us by phone or e-mail to the person listed below:

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