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Att: CDM Executive Board

Your ref.:
CDM Ref 0686

Our ref.:
KCHA/BRINKS/MLEH

Date:
12 November 2008

Response to request for review - Issuance of CERs regarding “Improvement in Energy Consumption of a Hotel” (0686)

Dear Members of the CDM Executive Board,

We refer to the requests for review raised by three Board members concerning DNV's request for issuance of the CERs from “Improvement in Energy Consumption of a Hotel” (0686) and would like to provide the following initial response to the issues raised by the requests for review.

Comment 1:

The spreadsheet of the monitoring report shows that the emission reduction by the use of solar power for heating Jacuzzi is based on the monitoring of electricity produced by solar energy. However, the monitoring plan requires the measurement of energy difference between the inlet and outlet of solar heater. Further clarification is required.

DNV Response:

DNV would like to clarify that the emission reductions from the use of solar power for heating the jacuzzi is not based on the monitoring of electricity produced by solar energy, but rather based on the monitoring of the enthalpy difference of the inlet and outlet of the solar heater as per the monitoring plan. The raw data used to calculate the electricity savings are provided in the Excel spreadsheets enclosed to this response. The “*gents_2008_LATEST.xls*” file provides the calculation of the S1 values mentioned in the original spreadsheet submitted for issuance, whereas the “*ladies_2008_LATEST.xls*” file provides the calculation of the corresponding S2 values.

The energy savings is calculated from the enthalpy difference of the inlet and outlet of the solar heater multiplied with the flow rate and the operating hours of the heating system. The energy savings for each month (in kCal) is converted to electricity savings (in kWh) and multiplied with the grid emission factor as per the registered PDD. The conversion is however not visible in the spreadsheet for issuance, but can be found in the spreadsheet attached to this response.

We sincerely hope that the Board accepts our aforementioned explanations.

Yours faithfully
for DET NORSKE VERITAS CERTIFICATION AS



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