



SAGAR INDUSTRIES & DISTILLERIES PVT. LTD.

MFR. OF MOLASSES BASED ALCOHOL

R. O. : Basement No. 4, T.V. Industrial Estate, Worli, Mumbai - 400 025 (INDIA)

• Tel. (022)24930221 / 24935124 • Fax : (022) 24964531

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26th June 2008

The Secretariat,

CDM Executive Board

UNFCCC, Bonn,

Germany

Dear Sir,

Sagar Industries & Distilleries (P) Ltd. (SIDPL) would like to thank the CDM executive board for giving us the opportunity to clarify the points raised during the 2nd verification process of the project viz" SIDPL Methane extraction and Power generation project, Ref Number: 0498"

We clarify and give response to each of your queries below:

The auxiliary electricity consumption and the total power consumption at the waste water treatment system were not measured, but calculated based on the estimated total rated capacity of auxiliary equipment of the power plant and wastewater treatment system respectively and the operation days. This deviates from the monitoring plan, which requires these two parameters to be measured. Clarification is required how the DOE verified these two parameters in line with the monitoring plan.

Ans: The project proponents have already commissioned the meters to measure the electricity consumption for the power plant and wastewater treatment system. These meters were not commissioned during the site visit of the DOEs, however purchase order for the same meters were issued and shown to the DOE. The purchase orders for these meters were issued on 30/08/2007. These meters have been commissioned on 10th January 2008. The commissioning report has been attached as Annex 1.

However, the submitted monitoring report has considered the rated capacity of all the auxiliaries equipments of the power plant and wastewater treatment. This is measured/taken from the nameplate of all the auxiliaries equipments. This rated capacity of all the auxiliaries have been considered and multiplied with the number of days of operation per year of the power plant/wastewater treatment plant. This gives the auxiliary power consumption for the power plant and total



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electricity consumption for the wastewater treatment system for the monitoring period. This approach is absolutely conservative.

The grid emission factor of 0.88318 tCO₂/MWh has been used in the baseline emissions calculation, however is the validated value as stated in the PDD is 0.883tCO₂/MWh. Clarification is required how the DOE verified the conservativeness of the application of this value.

Ans: The ER sheet of the emission reduction excelsheet submitted during the PDD (validation) and monitoring report (verification) has always contained the grid emission factor as 883.18 tCO₂/GWh for the emission reduction calculation. This is inserted in the column C of the ER sheet of the emission reduction sheet. This is same as 0.88318tCO₂/MWh. This was truncated to 3 decimals number in the PDD and monitoring reports because the unit was taken as tCO₂/MWh.

However, The Grid emission factor has been changed to 0.883tCO₂/MWh at all the places in the revised excelsheet and that has resulted in reduction of CERs by one unit. This changes has been reflected in the revised monitoring report..

Monitored values of parameters including the quantity and NCV of biomass used, pressure and temperature and density of methane, methane content of the biogas and volume of biogas sent to the engine were not contained in the monitoring report. Further information is required.

Ans: The above-mentioned parameters are monitored and recorded in the plant site. The DOE has verified these parameters during the site visit. These parameters measurement methods and procedures have been mentioned in the monitoring reports. However, the values of these parameters were not mentioned in the PDD/monitoring report because these parameters are not required for the emission reduction calculations. However, the above-mentioned parameters data has been mentioned in the Appendix of the revised monitoring report.

We would also request you to consider Mr Niroj Kumar Mohanty as the contact person for the review process for the "SIDPL Methane extraction and Power generation project, Ref Number: 0498", in case the Executive Board wishes to address questions to him during the consideration of the review at its meeting. . His contact information is given below:



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We hope the above clarifications are in line with your requirements and we hope that the Board accepts our aforementioned response.

Yours faithfully,

Mr. Nandu P. Kalani

For Sagar Industries & Distilleries (P) Ltd. (SIDPL)

Director