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Att: CDM Executive Board

Your ref.:
 CDM Ref 0593

Our ref.:
 MLEH/R.Ramesh

Date:
 11 December 2007

Response to request for review “15.4 MW Wind Farm at Satara District, Maharastra” in India.(0593)

Dear Members of the CDM Executive Board,

We refer to the issues raised by the requests for review by three Board members regarding our request of issuance of CERs for project activity 0593 “15.4 MW Wind Farm at Satara District, Maharastra” in India” and would like to provide our initial response to issues raised.

Comment 1:

The monitoring plan and the approved methodology require double check of electricity supplied by the project activity with the receipt of sales. However, neither the monitoring report nor the verification report mentioned this double check. Further information is required on how the DOE verified the electricity generation of the project.

DNV Response

As per ACM0002, the electricity supplied by the project activity to the grid is to be monitored and the value double checked with the sales receipt. As per the validated and registered Project Design Document of this project, the primary recording of the electricity exported to the grid is at the incoming feeder of the Maharastra State Electricity Board (State Government power utility). The measurement is carried out once in a month in presence of both parties (the developer’s representative and officials of the state power utility). This reading is then translated into a “Monthly credit note” and is forwarded by Maharastra State Electricity Board (MSEB) to the project participant. The monthly credit note clearly indicates the net electricity exported to the grid, electricity imports from the grid, wheeling units and the units that can be withdrawn by the third party from the grid. The monthly credit note is the basis for calculations of the emission reductions.

DNV has verified the electricity generation for individual months from the “Monthly Credit notes” issued by Maharastra State electricity board and also double checked with the debit notes raised by Ellora Times Limited (ETL) to the third party and the debit notes raised towards MSEB. In line with the comments under the request for review, necessary corrections to bring in more clarity on the double checking of the electricity figures, have been incorporated (in the section 3.5) in the enclosed revised verification report.

A sample “Monthly credit note” from MSEB for the month of November 2006 and Sample debit notes raised by ETL towards the third party for the months of July 2002 and March 2006 have been attached as part of the response from the Project participant.

We would like to reconfirm that the electricity supplied by the project activity to the grid has been verified from the "Monthly Credit notes" issued by the Maharashtra state electricity board and double checked with the debit notes raised by ETL to the third party and MSEB as part of sales records.

Comment 2:

The monitoring report stated that accuracy class for the meters is 0.5, while the verification report stated that the meter accuracy class is 0.2. Further clarification is required.

DNV Response

The project activity has a set of main meter and check meter exclusively at each of the three bundles located at Site I-Village Chikhali: 14 WEGs of 0.350 MW each, Site II-Village Nivkhane:15 WEGs of 0.350 MW each and Site III - Village Bhambe: 15 WEGs of 0.350 MW each.

The main meter are installed and owned by MSEB (State government power utility), whereas the check meters are owned by the project proponent. The metering equipments are maintained in accordance with electricity standards. Although the ownership of the check meters are with the project proponent, the responsibility of calibration for both main & check meters is with MSEB. These meters are being calibrated on an annual basis, the calibration certificates of the meters have been verified by DNV and calibration certificate for the year 2003 for one of the meters is attached.

DNV would like to state that, electricity meters of accuracy class 0.5% only have been installed since the inception of the project. Subsequent to the recent ruling from MSEB, the meters at the project site are being converted in a phased manner to accuracy class 0.2% by MSEB. Out of the three main interface meters, one has been changed to accuracy class 0.2% in September 2007. The other meters will also be changed in due course of time by MSEB. A letter from State government power utility submitted as part of the response by the project participant also indicates that the change over from 0.5% to 0.2% accuracy class meters is part of their routine upgradation process and does not impact the quantity of electricity generated from the WEGs. Thus the working, accuracy levels, testing and calibration of the metering equipments are entirely under the control of State Government power utility which performs these activities as per their prescribed standards.

The accuracy class has been wrongly mentioned as 0.2% in the verification report for the mentioned monitoring period due to oversight and the error is corrected in the enclosed revised verification report.

We sincerely hope that the Board find our elaboration on the above satisfactory and look forward to the issuance of CERs for this project activity.

Yours faithfully

for DET NORSKE VERITAS CERTIFICATION LTD



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