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## CDM Team



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DAP-PL-2722  
DAP-IS-3516.01  
DPT-ZE-3510.02  
ZLS-ZE-219/99  
ZLS-ZE-246/99

Your reference/letter of	Our reference/name	Tel. extension/E-mail	Fax extension	Date/Document	Page
	IS-CMS-MUC/Ca Javier Castro	+49 89 5791-2686 Javier.Castro@tuev-sued.de	+49 89 5791-2756	2008-08-08	1 of 10

## Request for review

Dear Sirs,

Please find below the response to the request for review formulated for the CDM project with the registration number 312. In case you have any further inquiries please let us know as we kindly assist you.

Yours sincerely,

Javier Castro

Carbon Management Service

Headquarters: Munich  
Trade Register: Munich HRB 96 869

Supervisory Board:  
Dr. Axel Stepken (Chairman)  
Board of Management:  
Dr. Manfred Bayerlein (Spokesman)  
Dr. Udo Heisel

Telefon: +49 89 5791-  
Telefax: +49 89 5791-  
www.tuev-sued.de



TÜV SÜD Industrie Service GmbH  
Niederlassung München  
Umwelt Service  
Westendstraße 199  
Westendstrasse 199  
80686 Munich  
Germany

## **Response to the CDM Executive Board**

### **Question 1**

*The meters with 0.2% accuracy level on Line 2 were not recalibrated until 6 January 2007, which is more than one year after previous calibrations conducted on 10 September 2005. This is not in accordance with the revised monitoring plan which requires the meters to be yearly calibrated. Further clarification is required on how the DOE verified the conservativeness of the electricity data in this monitoring period measured by meters on Line 2 with due recalibration in September 2006.*

### **PP Response:**

The energy meters used for metering the power exported/ imported to/ from the grid remain under the custody of state electricity board and state electricity board is responsible for testing/ calibration of these meters.

State electricity board take up calibration/ testing of the meters on their own and PP has no control on when they do it. In this case, state electricity board did not carry out testing of Line 2 meter within the prescribed time period and undertook it only 4 months after the expected date.

However, when board carried out the calibration/ testing, it was found out that the meter was working well within the permissible limits of error and hence, same readings were taken for estimation of emission reductions.

To consider the delay in calibration of the energy meter of Line 2, an error of 0.2% has now been considered (maximum permissible error of the meter) for both export and import mode. For export mode same has been discounted and for import mode it has been added to.

### **DOE Response:**

It is understandable that the PP does not have control on calibration of the main energy meters and hence there was delay of 4 months in re-calibration of meters on line 2. However, when the meters on Line 2 were calibrated in January 2007 (within the monitoring period) they were found to be within acceptable error limits. For conservative estimations a correction based on the maximum inaccuracy specification of the meters i.e. ( $\pm$ ) 0.2% for export and import energy units has been applied. The energy export from Line 2 for the monitoring period has been reduced by 0.2% whereas the energy import from Line 2 has been increased by 0.2%. Same calculation is also transparently defined in the revised monitoring report. This is considered conservative approach by audit team and is line with CDM EB guidance on similar issue encountered by project reference number 0327, 0328 and 0329 ([http://cdm.unfccc.int/UserManagement/FileStorage/AM\\_CLAR\\_31GVVBIQ27CCHO9J230KKX A2XNAR56](http://cdm.unfccc.int/UserManagement/FileStorage/AM_CLAR_31GVVBIQ27CCHO9J230KKX A2XNAR56) ) during verification of second monitoring period.