



**CDM: Response form for request for clarification on  
Approved Methodologies  
(version 01.1)**

<i>Date of Meth Panel meeting:</i>	15–19 October 2012
<i>Title and number of request for clarification</i>	Clarification requested for: 1) Estimation of remaining lifetime; 2) Determination of baseline emissions using efficiency of project activity power plant  AM_CLA_0236

**Summary of the query:**

Please use the space below to summarize the request for clarification on the related approved methodologies.

The methodology AM0061 version 02.1.0 ‘Methodology for rehabilitation and/or energy efficiency improvement in existing power plants’ is applicable to project activities that implement rehabilitation and/or energy efficiency improvement measures in an existing fossil fuel fired power plant for electricity generation.

Clarification is requested in following two issues:

**Clarification-1: Estimation of remaining lifetime of existing power generation equipment:**

Methodology provides two approaches for determining the remaining lifetime of power generation equipment.

Approach-‘A’: The typical average technical lifetime of the type of power equipment may be determined taking into account common practices in the sector and country (e.g. based on industry surveys, statistics, technical literature, etc.)

Approach-‘B’: The practices of the responsible company regarding replacement/rehabilitation schedules may be evaluated and documented (e.g. based on historical replacement records for similar power equipment).

Clarification is requested whether either of the approaches (i.e. either ‘Approach-A’ or ‘Approach-B’) can be adopted to determine the remaining lifetime of the existing power generation equipment.

**Clarification 2: Determination of baseline emissions using efficiency of project activity power plant**

As per Equation-4 of the ‘Baseline Emissions’ computation,

$$EL_{PJ,adj,y} = EL_{PJ,y} \cdot \frac{\eta_{PJ,min,y}}{\eta_{PJ,y}}$$

Where:

- $\eta_{PJ,min,y}$  = Minimum of the efficiencies of the project activity power plant monitored during the previous years (1 to y-1) after the implementation of the project activity
- $\eta_{PJ,y}$  = Average energy efficiency of the project activity power plant in year y of the crediting period

The project activity power plant consists of four units-C, D, E and F whereas the renovation and modernization activities are planned to be undertaken only in Units-E and F under the project activity.

Clarification is requested whether to use only the monitored efficiency of E and F units instead of the monitored efficiency of the project activity power plant comprising of all the four units during the crediting period while determining ‘Baseline Emissions’ using Equation-4 & 5 of the methodology.

<b>Recommendation by the Meth Panel:</b>	
Please use the space below to provide amendments /changes (in your expert view, if necessary).	
Not applicable.	
<b>Answer to authors of the request for clarification by the Meth Panel :</b>	
Please use the space below to provide an answer to the authors of the above query	
<p>The Meth Panel would like to clarify:</p> <ol style="list-style-type: none"> <li>1. Regarding estimation of remaining lifetime of existing power generation equipment either approach A or approach B can be used as per the existing version of methodology;</li> <li>2. Regarding the efficiency of project activity power plant; the efficiency of project activity power plant should be considered (Not the efficiency of proposed rehabilitated/renovated two power plant units). This is because of the other section of the methodology (baseline efficiency, project emissions etc.) has been designed for the project activity power plant and this is more relevant as the project activity power plant is connected to the grid not the power units. In case the project proponent would like to use the efficiency of only renovated power plant units, they are encouraged to submit a request for revision/deviation to the methodology considering revision in all the sections related to project activity power plant.</li> </ol>	
<p>Signed by the Chair, Mr. Thomas Bernheim Date: 19/10/2012</p> <p>Signed by the Vice-Chair, Mr. Hugh Sealy Date: 19/10/2012</p>	
<b>Information to be completed by the secretariat</b>	
F-CDM-AM	AM_CLA_0236
Name of the authors of the query:	TUEV NORD
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