



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

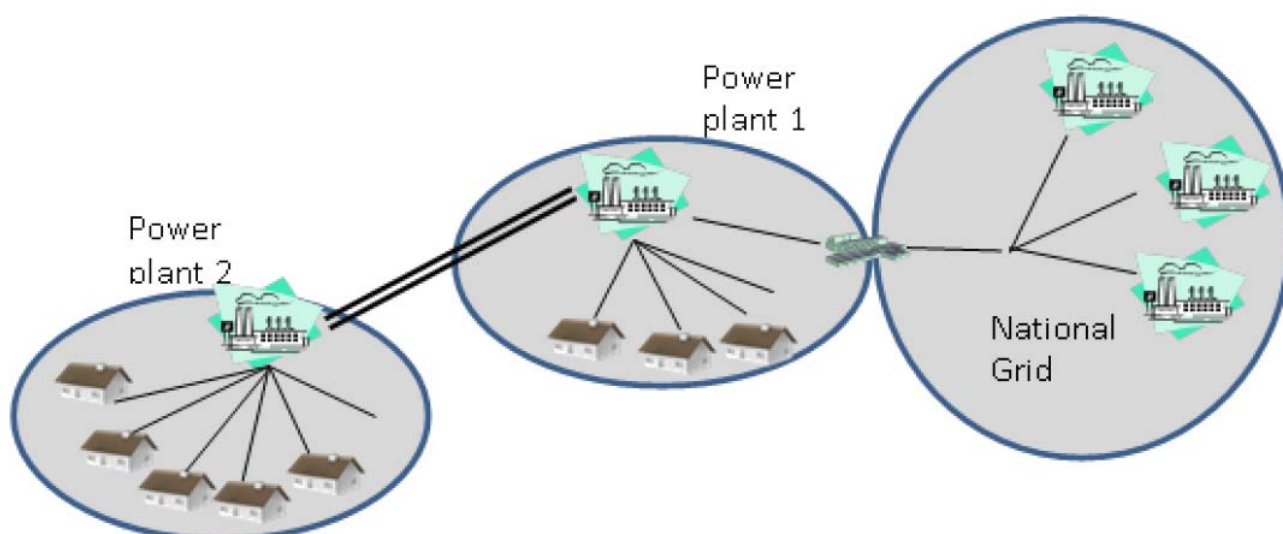
<i>Date of Meth Panel meeting:</i>	15 - 19 October 2012
<i>Title and number of request for clarification</i>	Conversion from single cycle to combined cycle power generation AM_CLA_0238

Summary of the query:

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

ACM0007 version 05 “Conversion from single cycle to combined cycle power generation” is applicable to project activities that convert power generation from single cycle to combined cycle in existing grid connected power stations.

The clarification refers to a proposed project activity including two power plants which are inter-connected, but only one is connected to the grid, and that through a third power plant. Furthermore, the connection between the two plants did not exist prior to the implementation of the project activity. The following diagram illustrates the power connections.



This query seeks the following clarifications:

1. Whether two power plants with the same owner but 40 km apart can be considered one project activity, considering that the methodology requires, in its applicability criteria, the power units to be at “one site”.
2. Whether power plants can be considered grid connected if they are connected to the national electricity network via a connection point at a captive power plant of a local consumer. In the project case, power plant 1 is connected to the grid in such a manner, whereas power plant 2 is only connected to power plant 1.
3. Whether the three years operational records required by the methodology can be taken up to the conclusion of the validation. At the time of this request, information is not yet available, as the operational records date back to April and July 2009, and the validation process began at February 17th 2012.
4. Whether the PDD can include calculations for case (c), generation beyond the historical capacity of the

plants, whereas initially only case (a) is expected, generation below the historical levels. Economical prediction expects such a long term increase in generation levels.

Recommendation by the Meth Panel:

Please use the space below to provide amendments /changes (in your expert view, if necessary).

Not applicable.

Answer to authors of the request for clarification by the Meth Panel :

Please use the space below to provide an answer to the authors of the above query

The Meth Panel clarifies that:

Scope of ACM0007

The scope of the methodology covers the conversion of single cycle power units that have been supplying electricity to the national grid to combined cycle power units. It is therefore implicit in the methodology that the power plant should have been connected to the national grid for at least the three operational years.

1. The two power plants being 40 km apart clearly put them in two separate sites. The methodology applicability criterion is specific in this regard and requires that the conversion from single cycle to combined cycle occurs at one site. Therefore the current version of the methodology does not include the scope of this suggested project. The two sites should be considered as two distinct projects.
2. Power station 2: From the clarification submission it seems that power station 2 is not connected to the national grid and functions as a captive power plant. Footnote 2 in the methodology states the following: "No provisions are provided to apply this methodology to captive power units in order to keep the methodology simple. If required, project participant may submit a request for revision to this methodology to apply it to captive power units."

Power station 1: Though power station now could be considered grid-connected, the methodology does not cover the scenario where a power plant is connected to a system other than the national grid prior to project implementation, because there is no provision in the methodology to consider the impact of the project on the supply of electricity to these systems after project implementation. A request for revision should be considered if this scenario is to be included in the methodology.
3. The methodology requires three years operational data at the implementation of the project activity or at the beginning of the validation, whichever occurs first, for at least one unit at the site.
4. The PDD can and should include calculations for all three cases. The appropriate case shall be selected and justified during validations.

Signed by the Chair, Mr. Thomas Bernheim

Date: 19/10/2012

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 19/10/2012

Information to be completed by the secretariat	
F-CDM-AM	AM_CLA_0238
Name of the authors of the query:	TÜV SUED
Date when the form was received at UNFCCC secretariat	19 October 2012
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