CDM: Recommendation Form for Small Scale Methodologies (version 01)

(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

Date of SSC WG meeting:	15–18 June 2010, SSC WG 26
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Applicability of AMS-I.D to grid connected biomass integrated gasification combined cycle (BIGCC) plant
Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.	AMS-I.D "Grid connected renewable electricity generation"
Name of the authors of the query:	Abdel Karim Traoré Institution: ECOSUR AFRIQUE ak.traore@ecosurafique.com

Summary of the query:

Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.

Original text from PP:

The proposed project activity will produce electricity from unused renewable biomass such as rice husks (an agro-industrial biomass residue) and typha (an intrusive plant).

This Greenfield project will use an Integrated Biomass Gasification Combined Cycle system (IBGCC). This technology includes:

- a biomass dryer
- a gasifier converting the biomass into syngas
- a gas turbine fuelled by the syngas and a generator
- a heat recovery steam generator (HRSG), a steam turbine and a second generator

Part of the heat generated will be to use to dry biomass. The remaining heat will be converted into steam by the HRSG to generate electricity with a steam turbine.

The electricity generated will be injected into the national grid and will be used for the on-site requirements of the power plant (i.e. mainly for auxiliaries' consumption).

The total installed capacity of the generators will be 15 MW.

In the baseline scenario the equivalent quantity of electricity that is supplied by the project activity would have been generated by the operation of existing and new fossil fuel-based power plants connected to the grid.

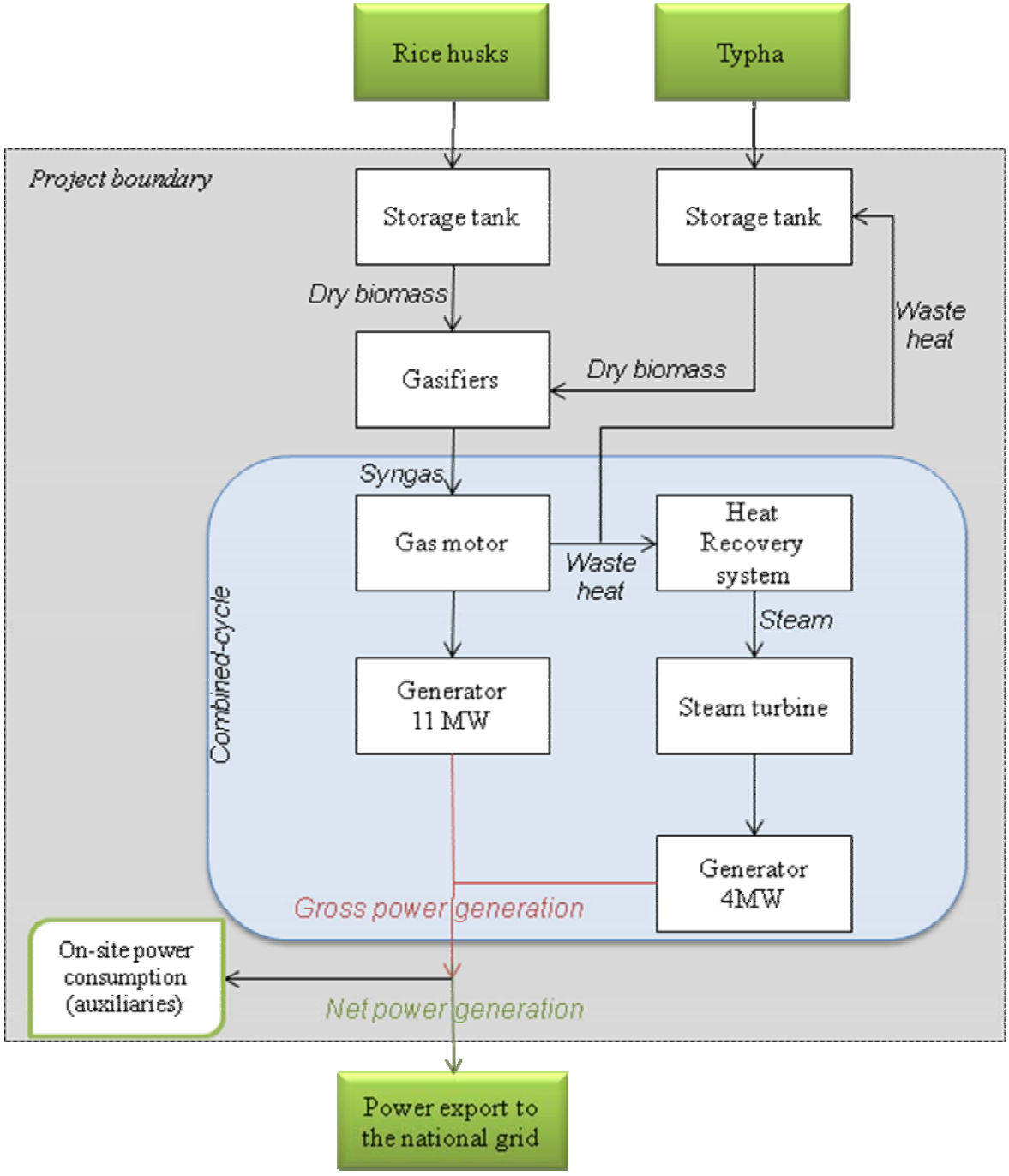

Figure : Example of configuration that could be adopted for the proposed project activity.

1. Kindly clarify whether the IBGCC technology is eligible under the methodology AMS-I.D?
2. Kindly clarify whether this proposed project activity does not exceed the 15 MW limit considering that part of the heat generated will be used to dry the biomass that will fuel the power plant?

Recommendation by the SSC WG:

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

Please refer to paragraph 17 of the meeting report of the SSC WG 26 <http://cdm.unfccc.int/Panels/ssc_wg>.

Answer to authors of query by the SSC WG:

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

The small-scale working group of the CDM Executive Board would like to thank the author for the submission.

On the basis of the above information and the further clarification by the author on the queries, the SSC WG agreed to clarify that the described project activity is eligible under AMS-I.D while a small amount of waste heat (2% of the total thermal energy available as per the additional information) is used internally in the operation of BIGCC to dry the biomass feedstock can be considered as an auxiliary consumption, and not as an energy generation.

Signed by the Chair, Mr. Peer Stiansen

Date: 18/06/2010

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 18/06/2010

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