 <p align="center">CDM: Form for Submissions on Small Scale Methodologies and Procedures (version 03) <i>(To be used for presenting questions/proposals/amendments related to the simplified methodologies for small-scale CDM project activity categories)</i></p>	
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Affiliation ¹ :	<input type="checkbox"/> DNA <input type="checkbox"/> DOE <input checked="" type="checkbox"/> PP <input type="checkbox"/> Stakeholder
Title/Subject (max. 200 characters):	Revision of AMS-I.C to include additional baseline scenario (i) for new cogeneration project. .
Purpose of the submission:	<input type="checkbox"/> Query on an approved SSC methodology or small scale procedures ² (Fill in field 1. below) <input checked="" type="checkbox"/> Request for Revision of an approved SSC methodology (Fill in fields 2. and 3. below) <input type="checkbox"/> Proposal for a new SSC methodology (Fill in fields 4. and 5. below)
Approved SSC methodologies ² to which your submission relates to, if applicable.	AMS-I.C.: Thermal energy production with or without electricity -Version 18
Contact Information (e-mail addresses to which the answers are to be delivered and phone contacts for possible dialogue on the submission).	Kishor Rathod ecolutions Carbon India Pvt.Ltd. kishor.rathod@ecolutions.de / jayshri.jamliya@ecolutions.de +91 022 25200500
Information for completing the form Describe the questions related to the SSC Methodologies, Modalities and Procedures below. If the questions are related to a project under development or implementation, you may describe the context in which they arose.	
<p align="center">Query on an approved SSC methodology or SSC procedures</p>	
1. If you have questions relating to the application of an approved small-scale methodology (AMS) please specify and provide reference to the exact technology/measure below. If you have questions related to procedures for SSC project activities please clarify below:	

¹ Designated National Authority (DNA); Designated Operational Entity (DOE); Project Participant (PP), and Stakeholder.

² The list of all approved small-scale methodologies (AMS) can be found at <http://cdm.unfccc.int> and go to CDM: small scale CDM methodologies.

2. If you are proposing an amendment/revision to an approved small-scale methodology (AMS), please provide justifications below:

>> This is in continuation with clarification we received from SSC WG in his 30th meeting (SSC-Submission number-SSC_512³). We would like to ask for revision in AMS-I.C, Version 18, to include additional baseline scenario for a new cogeneration project activity with the following description.

Description of the project activity:

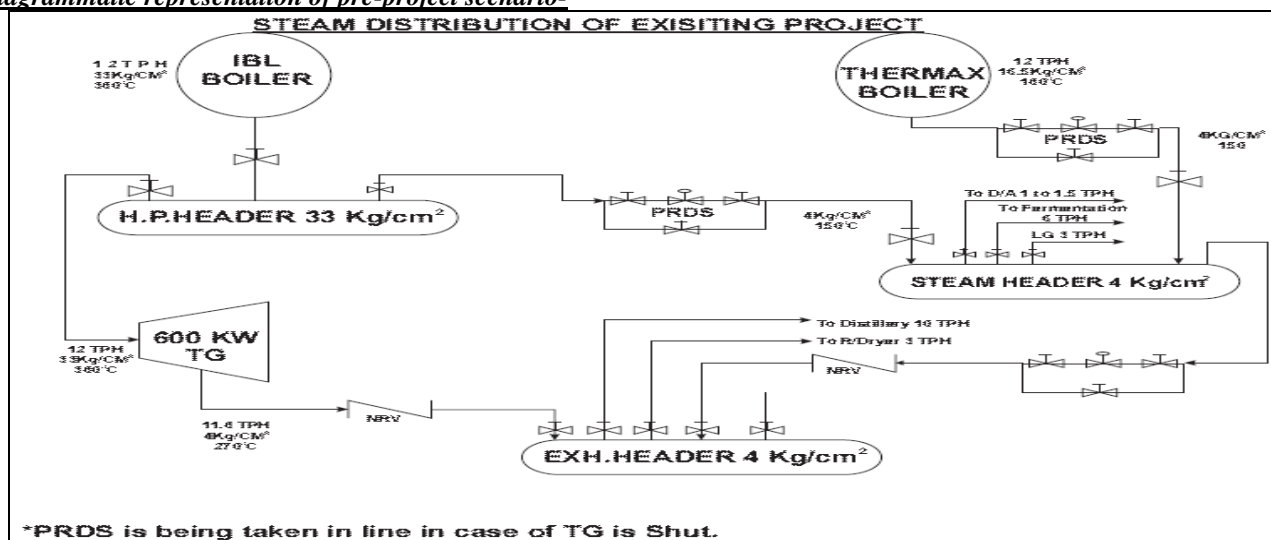
The project activity is installation of new renewable biomass based cogeneration project to meet additional power/steam requirement of manufacturing facility. Detail explanation of pre- & post-project activity scenario is as follows-

Pre - project scenario:

The manufacturing facility's thermal requirement is being met by biomass based boiler (2*12 TPH). The electricity demand is being met by the supply from the Grid & 600 KW biomass based captive cogeneration power plant or DG set (In case of PSEB power cuts).

Parameter	Source/Equipment	Operation / Specifications	Fuel	% Contribution in usage based on last 3 year data
Electricity	Grid	(Continuous)	Fossil fuel dominated	56%
	0.6 MW captive cogen. plant	1*0.60 MW (Continuous)	Biomass based	24%
	DG sets	4*0.320 MW (Used during grid failure/power cuts)	Diesel based	20%
Steam	Boilers	1*12 TPH @ 33 -kg/cm ²	Biomass based	45%
		1*12 TPH @ 17 -kg/cm ²	Biomass based	55%

Diagrammatic representation of pre-project scenario-



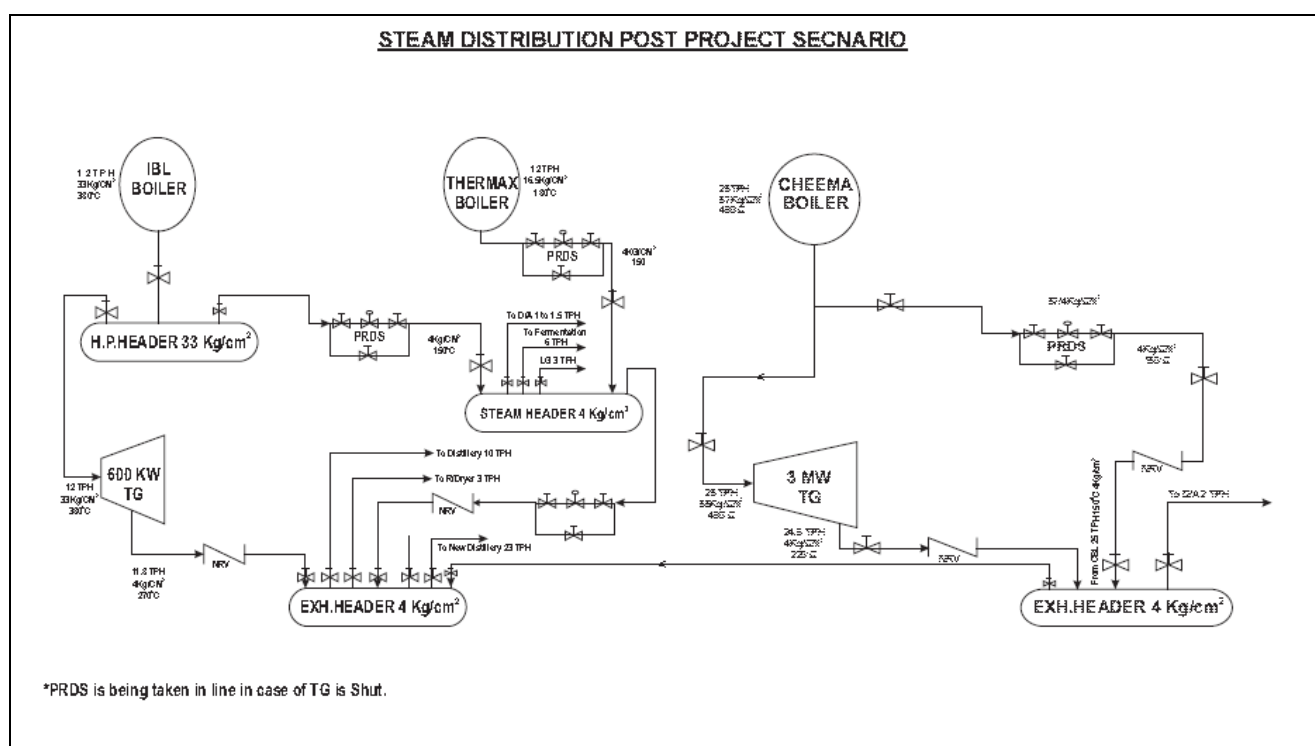
Post - project scenario:

³ <http://cdm.unfccc.int/filestorage/D/P/2/DP2Y5JHV4WLST8UCFK6R3GXBNIQ7M0/Final%20response.pdf?t=c0J8MTMwMjAwMjA4OC41Nw==|wo7B8zOtUoHMQrw7iwdVH288qUE=>

PP has expanded their manufacturing capacity, to meet additional power requirement PP has installed 3 MW biomass based cogeneration project which will meet additional power requirement of facility as well as replace existing grid usage (> 56 % total power usage). Detail post-project scenario is as follows-

Parameter	Source/Equipment	Operation / Specifications	Fuel	% Contribution in usage post project.
Electricity	Grid	<u>(Used on emergency/Stand by)</u>	Fossil fuel dominated	Negligible
	0.6 MW captive cogen. plant	1*0.60 MW <u>(Continuous)</u>	Biomass based	10-20 %
	DG sets	4*0.320 MW <u>(For emergency use)</u>	Diesel based	5-10%
	3.00 MW captive cogen. plant	<u>(Continuous)</u> 1*3.00 MW	Biomass based	70-85 %
Steam	Boilers	1*12 TPH @ 33 -kg/cm ²	Biomass based	25%
		1*12 TPH @ 17 -kg/cm ²	Biomass based	25%
		1*25 TPH @ 67 -kg/cm ²	Biomass based	50%

Diagrammatic representation of post-project scenario-



Electricity generated by the project activity will substitute/reduce the amount of electricity imported from the grid as compared to the baseline. Based on pre- & post project scenario project proponent wish to claim emission reduction only for electricity generation & no emission reduction will be claimed for thermal/steam energy utilisation.

We request the revision of the approved small scale methodology I.C. version 18 to broaden its applicability to project activity explained above. Therefore, we request SSS WG to include additional baseline scenarios in Para 15 of AMS I.C version 18 –i.e. (i)

(i) Combination of (e) and (g)

Electricity is imported from the grid⁴ and/ or produced in a biomass fired cogeneration unit (without a possibility of export of electricity either to the grid or to other facilities); steam/heat is produced from biomass fired cogeneration unit or biomass fired boiler (without a possibility of export of thermal energy to other facilities).

For case 15 (i), baseline emissions from the production of electricity shall be calculated as per paragraph 21. Emission reductions from heat generation are not eligible.

Para 21 of AMS I.C version 18 says-For project activities that do not displace captive electricity generated by existing plant but displace grid electricity import and/or supply electricity to grid, the emission factor of the grid shall be calculated as per the procedures detailed in AMS-I.D

3. If you are proposing an amendment/revision to an approved small-scale methodology (AMS) please provide the draft methodology with changes highlighted.

The following documents have been attached to this form:

- ☐ Draft methodology with changes highlighted in Word and PDF formats
- ☐ PDD in PDF format (optional)
- ☐ Additional information (please specify if you are providing any information note, published paper or a report in support of the request for revision of the SSC methodology)

Proposal for a new SSC methodology

4. If you are proposing a new small scale methodology, please provide justifications below:

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5. For submitting a new small scale methodology a filled in form “CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)” is required.

The following documents have been attached to this form:

- ☐ Completely filled in form “CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)” in Word and PDF formats⁵
- ☐ A draft PDD (with sections A to C completed):
 - ☐ Relevant annexes to the PDD are provided
 - ☐ Additional information (please specify if you are providing any information note, published paper or a report in support of the new SSC methodology)

Date you are delivering the contribution:

08/04/2011

⁴ Grid import is more than captive electricity generation using biomass.

⁵ The current version of the form (F-CDM-SSC-NM) is available on the UNFCCC CDM website (<http://cdm.unfccc.int>).

Information to be completed by the secretariat	
SSC-Submission number	