 <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):	Clarification on AMS-I.C, Version 18 for baseline selection
Purpose of the submission:	<input checked="" type="checkbox"/> Query on an approved SSC methodology or small scale procedures ² (Fill in field 1. below) <input 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:	
We would like to seek clarification on AMS-I.C, Version 18 regarding baseline selection for the project activity with the following description. <u>Description of the project activity:</u> 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-	

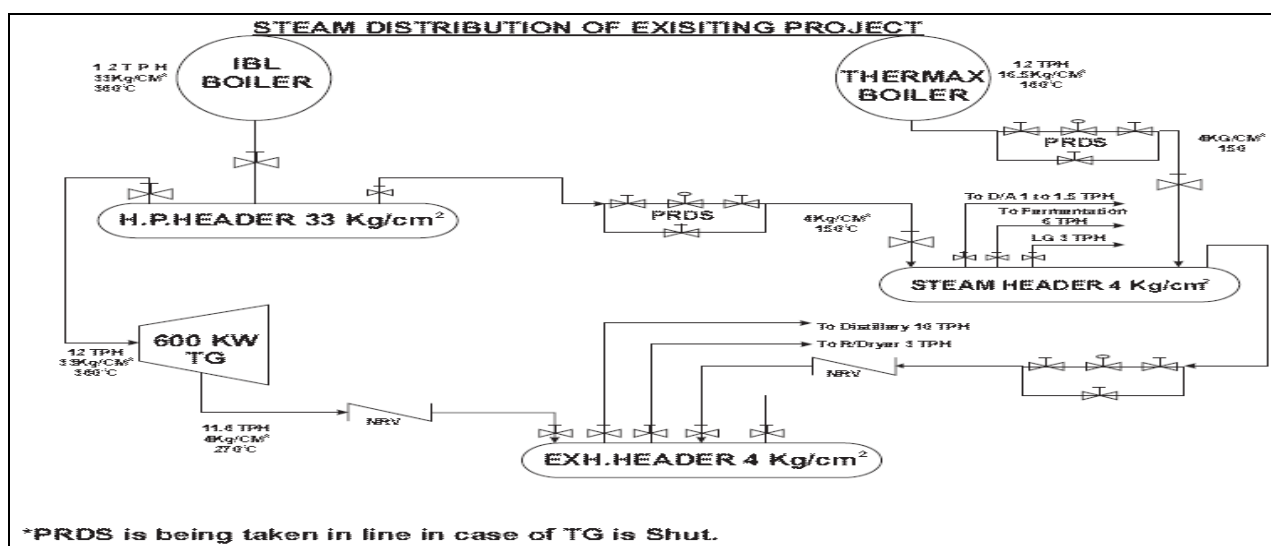
¹ Designated National Authority (DNA); Designated Operational Entity (DOE); Project Participant (PP), and Stakeholder.

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.

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).

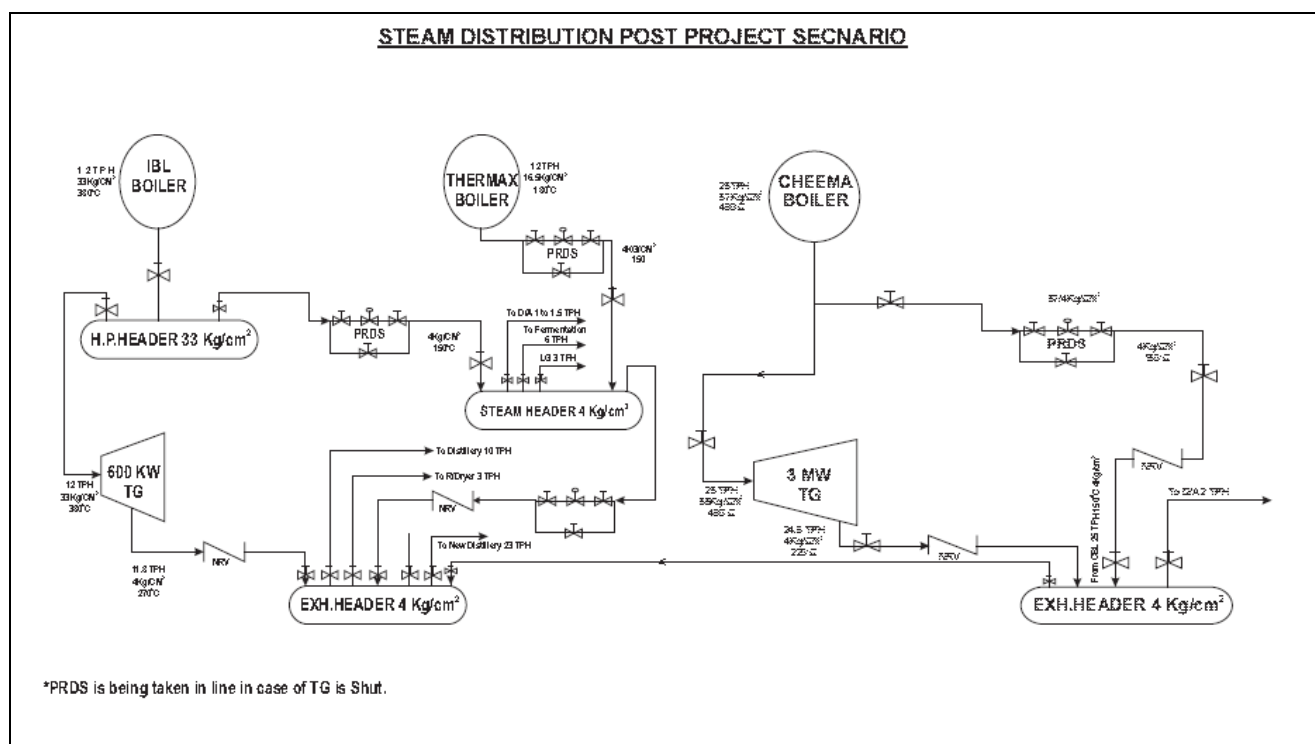
Parameter	Source/Equipment	Operation / Specifications	Fuel	% Contribution in usage based on last 3 year data
Electricity	Grid	<u>(Continuous)</u>	Fossil fuel dominated	56%
	0.6 MW captive cogen. plant	1*0.60 MW <u>(Continuous)</u>	Biomass based	24%
	DG sets	4*0.320 MW <u>(Used during grid failure/power cuts)</u>	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:**

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.

Therefore, we would like to seek clarifications on following points-

1. Para 15 (e) of AMS I.C version 18 states that-

(e) Electricity is imported from the grid and/or produced in an on-site captive power plant using fossil fuels (with a possibility of export to the grid); steam/heat is produced from biomass;

In our case –

- Electricity is imported from the grid and also produced in an on-site 0.6 MW captive power plant using biomass (and not fossil fuels with no possibility of export to the grid).
- Steam/heat is produced from biomass.

Hence, is **Para 15 (e) of** AMS I.C. version 18 applicable/ appropriate for our project activity?

If yes-

-Which equation is appropriate to estimate emission reductions-either **para 20 or para 21**

If not-

-Which baseline scenarios mentioned in Para 15 (a to h) of AMS I.C. version 18 is applicable/ appropriate for project activity described?

2. If **Para 15 (e) of** AMS I.C. version 18 is applicable/ appropriate for our project activity, we would like to suggest a small amendment in para 15 (e) of AMS I.C version 18-which is highlighted below-

(e) Electricity is imported from the grid and/or produced in an on-site captive power plant using fossil fuels **and/ or biomass** (with a possibility of export to the grid **& grid import is more than captive generation using biomass based power plant**); steam/heat is produced from biomass.

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

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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.

<p>The following documents have been attached to this form:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Completely filled in form “CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)” in Word and PDF formats³ <input type="checkbox"/> A draft PDD (with sections A to C completed): <ul style="list-style-type: none"> <input type="checkbox"/> Relevant annexes to the PDD are provided <input type="checkbox"/> Additional information (please specify if you are providing any information note, published paper or a report in support of the new SSC methodology) 	
<i>Date you are delivering the contribution:</i>	11/02/2011
Information to be completed by the secretariat	
SSC-Submission number	

³ The current version of the form (F-CDM-SSC-NM) is available on the UNFCCC CDM website (<http://cdm.unfccc.int>).