

## Validation Protocol

This validation protocol is designed to ensure that the project meets the requirements for CDM projects that are detailed in paragraph 37 of the CDM modalities and procedures. Each requirement is covered in a separate table. The following requirements are discussed in this protocol:

Requirement	Description	
Participation requirements	The participation requirements as set out in Decision 17/CP.7 need to be satisfied	Covered in table 1
Baseline and monitoring methodology	The baseline and monitoring methodology complies with the requirements pertaining to a methodology previously approved by the Executive Board	Baseline methodology is covered in table 2 Monitoring methodology is covered in table 4
Additionality	The project activity is expected to result in a reduction in anthropogenic emissions by sources of greenhouse gases that are additional to any that would occur in the absence of the proposed project activity	Covered in table 3
Monitoring plan	Provisions for monitoring, verification and reporting are in accordance with relevant decisions of the COP/MOP	Covered in table 5
Environmental impacts	Project participants have submitted to the designated operational entity documentation on the analysis of the environmental impacts of the project activity, including transboundary impacts and, if those impacts are considered significant by the project participants or the host Party, have undertaken an environmental impact assessment in accordance with procedures as required by the host Party;	Covered in table 6
Comments by local stakeholders	Comments by local stakeholders have been invited, a summary of the comments received has been provided, and a report to the designated operational entity on how due account was taken of any comments has been received;	Covered in Table 7
Other requirements	The project activity conforms to all other requirements for CDM project activities in relevant decisions by the COP/MOP and the Executive Board.	Covered in Table 8

Small sale projects and AR projects have specific requirements which are covered in Table 9-11

Further remarks on the use of this document:

- text in *italic blue* is meant as guidance for the assessor
- MoV = Means of Verification, DR= Document Review, I= Interview

This protocol should be adapted as required. For example, if the project is not a small scale project or an AR project, some tables can be deleted.

**Table 1 Participation Requirements for Clean Development Mechanism (CDM) Project Activities (Ref PDD, Letters of Approval and UNFCCC website)**

REQUIREMENT	MoV	Ref	Comment	Draft finding	Concl
1.1 The project shall assist Parties included in Annex I in achieving compliance with part of their emission reduction commitment under Art. 3 and be entered into voluntarily.	DR	K P Art. 12.2	No Annex I Country has been identified for this project	NIR 1	OK
1.2 The project shall assist non-Annex I Parties in achieving sustainable development and shall have obtained confirmation by the host country thereof, and be entered into voluntarily	DR	PDD	No letter of approval from host country	CAR 1	OK
1.3 All Parties (listed in Section A3 of the PDD) have ratified the Kyoto protocol and are allowed to participate in CDM projects	Web Page	UNF CCC	India has ratified KP on August 26th 2002	OK	OK
1.4 The project results in reductions of GHG emissions or increases in sequestration when compared to the baseline; and the project can be reasonably shown to be different from the baseline scenario	DR	PDD	The PDD indicates that power generation through combustion of Biomass replaces fossil fuel. Therefore the project results in reduction of GHG -emissions.  The assumptions and data are to be confirmed through local assessment.	OK	OK
1.5 Parties, stakeholders and UNFCCC accredited NGOs shall have been invited to comment on the validation requirements for minimum 30 days (45 days for AR projects), and the project design document and comments have been made publicly available	Web	UNF CCC	Available for consultation from September 14 till October 13, 2005, web link: <a href="http://cdm.unfccc.int/Projects/Validation/view.html?ProjectId=KQPWQ3NNSI6FHP4SPBBKJUN0HS21FK&amp;OE=SGS-UKL">http://cdm.unfccc.int/Projects/Validation/view.html?ProjectId=KQPWQ3NNSI6FHP4SPBBKJUN0HS21FK&amp;OE=SGS-UKL</a> .	OK	OK

REQUIREMENT	MoV	Ref	Comment	Draft finding	Concl
			No comment received		
1.6 The project has correctly completed a Project Design Document, using the current version and exactly following the guidance	DR	PDD	<p>PDD for SSC projects latest issue ChambalPDD_Validation – Revision- 8Dec-rev1Mar.doc, line by line check to be done</p> <p>Section A.3. With the new guidance the DNA does not have to be included as a project participant anymore (unless they get a share of CERs). Of the entries the top one can be deleted and the bottom row can be left. For the third column please note that the header talks about party. In the context of KP, a party is always a “party to the Kyoto Protocol” and therefore a country that signed the KP. Column 3 therefore refers back to the parties in column No.1</p> <p>In this case India will actually not be a project participant (actively participating and getting a share of the CERs and therefore the column should read ‘no’ instead of ‘yes’</p> <p>Line by line check: Appendixes 1,2,3,4 and closure were added, last page blank D3 two pages in landscape. D6 chart above the headline</p>	CAR 2	OK
1.7 The project shall not make use of Official Development Assistance (ODA), nor result in the diversion of such ODA	DR and GT	PDD	Till now no public funding utilized (PDD p.59 – to be confirmed by interview	NIR 2	OK
1.8 For AR projects, the host country shall have issued a communication providing a single definition of minimum tree cover, minimum land area value and minimum tree height. Has such a letter been issued and are the definitions	N/A		N/A	N/A	N/A

REQUIREMENT	MoV	Ref	Comment	Draft finding	Concl
consistently applied throughout the PDD?					
1.9 Does the project meet the additional requirements detailed in: Table 9 for SSC projects Table 10 for AR projects Table 11 for AR SSC projects	DR	PDD	Yes, the project conforms to SSC CDM project criteria, it falls under AMS I. D category (Renewable Electricity generation for a grid), see table 9	OK	OK
1.10 Does the PDD use accurate and reliable information that can be verified in an objective manner?	DR,	SSC M&P App endi x A1	<p>Few of the web pages and links mentioned in the PDD have been upgraded as most of the referred data taken is from 2003 without the web links.</p> <p>Verifying such data claims shall be difficult.</p> <p>The developer should provide URL link of that particular page to check the authenticity of the data as given in the PDD</p> <p>Generally the PDD is well written. The following points need to be addressed:</p> <p>Web links:</p> <p>The developer should provide URL link of that particular page to check the authenticity of the data as given in the PDD.</p> <p>Biomass availability: Are the amounts reasonable? Are contracts signed, guarantees for delivery?</p> <p>Site visit is required for ground truthing which may confirm their claims about biomass availability and usage.</p> <p>Leakage for biomass:</p> <p>What would happen with significant amount of biomass under baseline scenario? If the biomass is used as fuel or fertiliser under the baseline this could lead to leakage?</p> <p>Within project operation long</p>	<p>CAR 3</p> <p>NIR 3</p> <p>NIR 4</p>	<p>OK</p> <p>OK</p> <p>OK</p>

REQUIREMENT	MoV	Ref	Comment	Draft finding	Concl
			term storage of biomass could lead to significant methane emissions. How and for how long will the biomass be stored?	NIR 5	OK
			Leakage for biomass transportation Is it reasonable that 70% of biomass will be collected within 5 km distance? (see 4.4)	NIR 6	OK

**Table 2 Baseline methodology (ies) (Ref: PDD Section B and E and Annex 3 and AM)**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<p><i>The project will need to apply an approved baseline and monitoring methodology to each part of the project. As part of the validation, check if the selected approved methodology(ies) have been correctly applied. See Tables 9 and 11 for guidance on identifying the correct methodology for SSC and SSC AR projects. The determination of the additionality of the project is part of the methodology but is covered in table 4</i></p> <p><i>Using the WORD version of the PDD and a copy of the approved methodology(ies) undertake a section by section / line by line check of the PDD against the methodology. Answer all questions in this table to ensure that all parts of the methodology have been addressed. Highlight any deviations in the PDD and save using track changes mode. Compile the findings into UK.Findings.CDM. Submit the PDD as part of the validation report.</i></p> <p><i>The methodology must be applied exactly as defined. Every parameter must be checked including formulas and the application of the formulas to calculate emissions and emission reductions (check spreadsheets if applicable). Check data sources – references to documents must be publicly available and cited fully in the PDD – a general web address is not sufficient..</i></p> <p><i>More than one methodology can be applied if the project consists of several activities. If this is the case, answer the questions below for each activity and methodology.</i></p>					
2.1 Does the project meet all the applicability criteria listed in the methodology	DR	Appendix B, Annex II to decision 21/CP.8, PDD	Yes, in principle the project falls under AMS I. D. (Renewable electricity generation for a grid), but the PDD is not very clear on use of coal. On page 4, co-firing coal is mentioned as a definitive possibility, on page 46 it is biomass only.	NIR 7	OK
2.2 Is the project boundary consistent with the approved methodology	DR	PDD	The project boundary encompasses the physical, geographical site of the renewable generation	OK	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
			source		
2.3 Are the baseline emissions determined in accordance with the methodology described	DR	PDD	The calculation in a transparent and conservative manner according to Appendix B of the simplified modalities and procedures for small scale CDM with footnote nr 9 is O.K	NIR 8	OK
			Please show where the power generation data for BM calculation (power station MU, shares to Rajasthan) are from. Please add column in supportive sheet 1 Excel sheet "CER_Calculations_CPL_Val_17Ayg05" with the fuel (coal, gas) used. Add this table in PDD E.1.2.4 as well	NIR 9	OK
2.4 Are the project emissions determined in accordance with the methodology described	DR	PDD	Yes	OK	OK
2.5 Is the leakage on the project activity determined in accordance with the methodology described	DR	PDD	Appendix B of the simplified modalities and procedures for small scale CDM indicates that if the energy generation equipment is transferred from another project activity or if the existing equipment is transferred to another activity, leakage is to be considered  Give evidence that this has been taken into account	NIR 10	OK
2.6 Are the emission reductions determined in accordance with the methodology described	DR	PDD	Considering that all NIR concerning calculation of baseline emissions can be confirmed the emission reductions are calculated in accordance with methodology	OK	OK

**Table 3 Additionality (Ref: PDD Section B3 and AM)**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<i>The project is results in reductions of GHG emissions or increases in sequestration when compared to the baseline; and the project can be reasonably shown to be different from the baseline scenario. Additionality will need to be determined in accordance with the relevant section of the approved methodology. Information provided to support the claims of additionality will need to be verified</i>					
3.1 Does the PDD follow all the steps required in the methodology to determine the additionality	DR	PDD	<p>Although the baseline is fixed by the methodology we think that an Additionality analysis has to be carried out with</p> <p>Identification of alternatives Clear discussions why barriers exist that would prevent the implementation of the type of proposed project activity from being carried out but do not prevent the implementation of at least one of the alternatives</p> <p>Some of the identified barriers seem to apply to doing business in general and it is not clear for the barriers exist for this type of project activity and not for other alternatives</p> <p>Please give documented evidence</p>	C A R 4	OK
3.2 Is the discussion on the additionality clear and have all assumptions been supported by transparent and documented evidence	DR	PDD	<p>Further information required see 3.1</p> <p>No supporting documents provided with the PDD see local checklist</p>		
3.3 Does the selected baseline represent the most likely scenario among other possible and/or discussed scenarios?	DR	SSC M & P Appendix A & B PDD	Yes, the project is expected to substitute fossil fuel, the selected baseline methodology is in line with the category I. D and expecting reduction if Implemented correctly.	OK	OK
3.4 Is it demonstrated/justified that the project activity itself is not a likely baseline scenario	DR	PDD	Project activity is described as not BAU scenario (see p 27 of PDD), but a barrier	OK	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
			analysis by the standards of the additionality tool hasn't been carried out		

**Table 4 Monitoring methodology (PDD Section D and AM)**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<p><i>The project will apply an approved monitoring methodology to each part of the project. As part of the validation, check if the selected approved methodology(ies) have been correctly applied. See Tables 9 and 11 for guidance on identifying the correct methodology for SSC and SSC AR projects.</i></p> <p><i>Using the WORD version of the PDD and a copy of the approved methodology(ies) undertake a section by section / line by line check of the PDD against the methodology. Answer all questions in this table to ensure that all parts of the methodology have been addressed. Highlight any deviations in the PDD and save using track changes mode. Compile the findings into UK.Findings.CDM. Submit the PDD as part of the validation report.</i></p> <p><i>The methodology must be applied exactly as defined. Every parameter must be checked including formulas and the application of the formulas to calculate emissions and emission reductions (check spreadsheets if applicable). Check data sources – references to documents must be publicly available and cited fully in the PDD – a general web address is not sufficient..</i></p> <p><i>More than one methodology can be applied if the project consists of several activities. If this is the case, answer the questions below for each activity and methodology.</i></p>					
4.1 Does the project meet all the applicability criteria listed in the monitoring methodology	DR	SSC M & P Appe ndix B, PDD	Yes, the methodology is applicable to the project & the monitoring consists of metering the electricity generated and supplied to the grid. Quantities of Biomass to be used are Clear, but if the plant does not run on 100 % biomass, the provision of Fossil fuel quantity evaluation should be accounted (see PDD p36).	NIR 11	OK
4.2 Does the PDD provide for the monitoring of the baseline emissions as required in the monitoring methodology	DR	PDD	Yes, the monitoring plan is transparent. However, the concept of zero net emission needs to be clarified	NIR 4	OK
4.3 Does the PDD provide for the monitoring of the project emissions as required in the monitoring methodology	DR	PDD	Yes, it does.	OK	OK
4.4 Does the PDD provide for the	DR	SSC M & P	Transportation leakages for biomass transfer from	NIR 2 to	OK



CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
monitoring of the leakage as required in the monitoring methodology		Appendix A1, PDD	collection centres to the plant have been considered. However coal transportation is neglected with a justification that it will be less/ negligible compared to the emissions from transportation of coal from mines to power plant (This argumentation has to be checked as it goes back to biomass availability).	NIR 5	
4.5 Does the PDD provide for Quality Control (QC) and Quality Assurance (QA) Procedures as required in the monitoring methodology	DR	PDD	Yes, but only briefly mentioned in link to monitoring parameters to be measured ("ISO 9001 or similar system" )	NIR 12	OK

**Table 5 Monitoring plan (PDD Annex 4)**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<i>In addition to the application of the monitoring methodology, the PDD should contain a monitoring plan in Annex 4. The content of the monitoring plan should be validated based on the questions below</i>					
5.1 Monitoring of Sustainable Development Indicators/ Environmental Impacts	DR				
5.1.1 Does the monitoring plan provide the collection and archiving of relevant data concerning environmental, social and economic impacts?	DR	PDD, SSC M & P Appendix A1&B 1 PDD	As there is no monitoring plan available at present, it is described in PDD that it shall incorporate a monitoring methodology specified for applicable project as per appendix B The project will use DCS- type monitoring & Control equipment (P32). Monitoring on total electricity generated, auxiliary consumption and power export by kWh and the parameters affecting leakage such as biomass quantity, CV etc. etc. will be measured.	NIR 13	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
			<p>Please present details on meters used, accuracy of meters used, procedures , responsibilities etc</p> <p>Since construction already started and operation starts in October 2005 there should be more information in the monitoring plan.</p> <p>Please present details on meters used, accuracy of meters used, procedures , responsibilities etc</p> <p>The current MP uses the term should quite a lot instead of we will do this. This is not enough</p>		
5.1.2 Is the choice of indicators for sustainability development (social, environmental, economic) reasonable?	DR	SSC M & P Appendix A1  PDD	<p>Although a long list of benefits has been given there is no information on how these will be monitored. How can all stakeholders be sure that these things will happen?</p> <p>Please ensure that indicators for sustainable environment will be monitored</p>	NIR14.	OK
5.1.3 Will it be possible to monitor the specified sustainable development indicators?	DR	PDD, SSC M & P Appendix A1	Yes, during assessment within site visit and during verification as SGS has been assigned to perform the verification of the CERs too.	OK	OK
5.1.4 Are the sustainable development indicators in line with stated national priorities in the Host Country?	DR	PDD, SSC M & P Appendix A1	Please give confirmation from another source besides the PDD sustainable development indicators are in line with the stated national	NIR 15	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
			priorities in the host country		
5.2 Project Management Planning					
5.2.1 Is the authority and responsibility of project management clearly described?	DR	PDD	No, (see local check list)	CAR 5	OK
5.2.2 Is the authority and responsibility for registration, monitoring, measurement and reporting clearly described?	DR	PDD	No, (see local check list)	CAR 6	OK
5.2.3 Are procedures identified for training of monitoring personnel?	DR	PDD	No	NIR 16	OK
5.2.4 Are procedures identified for emergency preparedness for cases where emergencies can cause unintended emissions?	DR	PDD	No	NIR 17	OK
5.2.5 Are procedures identified for calibration of monitoring equipment?	DR	PDD	No, procedures are not defined	NIR 18	OK
5.2.6 Are procedures identified for maintenance of monitoring equipment and installations?	DR	PDD	No, procedures are not defined		
5.2.7 Are procedures identified for monitoring, measurements and reporting?	DR	PDD	Yes, the data of biomass and coal will be recorded and the energy supplied to the grid can be obtained from the payment bills	OK	OK
5.2.8 Are procedures identified for day-to-day records handling (including what records to keep, storage area of records and how to	DR	PDD	Yes, see D3 p. 41	OK	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
process performance documentation)					
5.2.9 Are procedures identified for dealing with possible monitoring data adjustments and uncertainties?	DR	PDD	No	<b>N I R 19</b>	OK
5.2.10 Are procedures identified for review of reported results/data?	DR	PDD	No		
5.2.11 Are procedures identified for internal audits of GHG project compliance with operational requirements where applicable?	DR	PDD	No, not specifically		
5.2.12 Are procedures identified for project performance reviews before data is submitted for verification, internally or externally?	DR	PDD	No, not specifically		
5.2.13 Are procedures identified for corrective actions in order to provide for more accurate future monitoring and reporting?	DR	PDD	No		

**Table 6 Environmental Impacts (Ref PDD Section F and relevant local legislation)**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<i>Project participants have submitted to the designated operational entity documentation on the analysis of the environmental impacts of the project activity, including transboundary impacts and, if those impacts are considered significant by the project participants or the host Party, have undertaken an environmental impact assessment in accordance with procedures as required by the host Party</i>					
6.1 Has an analysis of the environmental impacts of the project activity been sufficiently described?	DR	PDD	Yes, through Appendix 2, As the project cost is more than 100 Crores INR. The project needs to get an EIA	NIR 20	OK
6.2 Are there any Host Party requirements for an Environmental Impact Assessment (EIA), and if yes, is an EIA approved?	DR	PDD	Yes, if the project cost is more than 100 Crores Rupees. An EIA is required as per the law, show clearance to LA		

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
6.3 Will the project create any adverse environmental effects?	DR	PDD	No, not to be foreseen	OK	OK
6.4 Are transboundary environmental impacts considered in the analysis?	DR	PDD	No, it is a small power plant in the land lock area	OK	OK
6.5 Have identified environmental impacts been addressed in the project design?	DR	PDD	Yes, in EIA the developer needs to identify the impacts and has to give an EMP, compliance of which is mandatory, the implementation of this can also verify during site visit	NIR 21	OK
6.6 Does the project comply with environmental legislation in the host country?	DR	PDD	Yes, it does	OK	OK

**Table 7 Comments by local stakeholders (Ref PDD Section G) local SHC to be done**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<i>Project developers need to invite comments by local stakeholders and a summary of the comments received should be provided. The project developer will need to show that due account was taken of any comments that have been received</i>					
7.1 Have relevant stakeholders been consulted?	DR	PDD	Please show how relevant stakeholders have been identified. As LSC is not finished, please show what comments have been received from them	NIR 22	OK
7.2 Have appropriate media been used to invite comments by local stakeholders?	DR	PDD / SV	Please check whether the project details should be made available to local people		
7.3 If a stakeholder consultation process is required by regulations / laws in the host country, has the stakeholder consultation process been carried out in accordance with such regulations / laws?	Local laws	<a href="http://envfor.nic.in/">http://envfor.nic.in/</a>	Yes, it is required for specified categories of industries at present 30 in numbers, power plants are also one among them		
7.4 Is a summary of the stakeholder	ISHC		Have any comment		

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
comments received provided?	/ SV		received during ISHC / LSHC		
7.5 Has due account been taken of any stakeholder comments received?	SV	EIA	Have proper means of communication was considered to address comments received and address of these comments		

**Table 8 Other requirements**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<b>8.1 Project Design Document</b> <i>The project needs to correctly complete a Project Design Document, using the current version and exactly following the guidance – note that regular, SSC, AR and AR SSC each use different PDD templates, but to date, the ARSSC PDD is not available</i> <i>Obtain a copy from the CDM website, and a copy of the guidance to accompany the PPD. See Tables 9 and 11 for guidance on how to find the correct version of the PDD guidance for SSC and SSC AR projects. Perform a section by section / line by line check on the contents of the PDD.</i> <i>In a WORD version of the PDD, use track changes mode to note any deviations (however minor) from the PDD. Save this document with tracked changes showing and append it to the Validation report as evidence of the auditing process. Compile a list of the differences in UK.Findings.CDM. Split these into Editorial and Substantive comments. Editorial issues can be listed on one CAR; substantive findings can be listed as individual findings</i>					
8.1.1 Editorial issues: does the project correctly apply the PDD template and has the document been completed without modifying/adding headings or logo, format or font.	DR	PDD	Yes, the name is given in the PDD page 3, PDD template is not tempered.  Line by line check: Appendices 1,2, 3,4 and closure were added, last page blank D3 two pages in landscape format, D6 chart above headline	CAR 7	OK
8.1.2 Substantive issues: does the PDD address all the specific requirements under each header. If requirements are not applicable / not	DR	PDD	Yes, but to be checked during validation audit / site visit with the help of url available / printed documents available with	To be checked by local assess-	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
relevant, this must be stated and justified			the consultant.	ment	
<b>8.2 Technology to be employed</b> <i>COP 10 Re-emphasized that clean development mechanism project activities should lead to the transfer of environmentally safe and sound technologies and know-how. The validator should ensure that environmentally safe and sound technology and know-how is used.</i>					
8.2.1 Does the project design engineering reflect current good practices?	DR	PDD	Cannot be judged out of PDD	NIR 23	OK
8.2.2 Does the project use state of the art technology or would the technology result in a significantly better performance than any commonly used technologies in the host country?	DR	PDD	The technology of using biomass as a fuel in boiler combustion is new, but there are other similar projects already under registration like Kalpatru & Alwar (already registered),	OK	OK
8.2.3 Is the project technology likely to be substituted by other or more efficient technologies within the project period?	DR	PDD	No, not to be foreseen	OK	OK
8.2.4 Does the project require extensive initial training and maintenance efforts in order to work as presumed during the project period?	DR	PDD	No, the technology is simple and does not necessarily require such staff other than few in managerial and operational areas.	OK	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<b>8.3 Duration of the Project/ Crediting Period</b>					
8.3.1 Are the project starting date and operational lifetime clearly defined and reasonable	DR	PDD	The project start date (construction): 1 <sup>st</sup> March 2004 and Expected CER's date March 1 <sup>st</sup> 2006, Provide evidence of start date, incentives considered from CDM in consideration of this project.	NIR 24	OK
8.3.2 Is the assumed crediting time clearly defined and reasonable (renewable crediting period of max. two x 7 years or fixed crediting period of max. 10 years)?	DR	PDD	Yes, 7 years renewable	OK	OK
8.3.3 Does the project's operational lifetime exceed the crediting period	DR	PDD	Yes, 25 yrs	OK	OK

**Table 9 Additional requirements for SSC projects**

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
<p>SSC projects use the SSC PDD and simplified baseline and monitoring methodologies as detailed in Appendix B (to the Modalities and Procedures for Small scale CDM projects, Annex II to Decision 21/CP.8) Indicative simplified baseline and monitoring methodologies for selected small scale CDM project activity categories</p> <p><i>Note this Appendix is regularly updated and the most recent should be obtained from the CDM website</i></p> <p><i>SSC projects have special requirements relating to:</i></p> <p><i>- Eligibility: Renewable energy project activities with a maximum.... see para 6 c of Decision 17 CP7 and the descriptions for each methodology in Appendix B</i></p> <p><i>-Debundling: As detailed in Appendix C of Annex II to Decision 21/CP.8 (first produced as Annex 7 to EB7)</i></p>					
9.1 Does the project qualify as a small scale CDM project activity as defined in paragraph 6 (c) of decision 17/CP.7 on the modalities and procedures for the CDM?	§ 6 (c) of dec.7 /CP.7	UNF CC	Renewable energy project activity with max. output less than or equivalent to 15 MW	OK	OK
9.2 The small scale project activity is not a debundled component of a larger	Doc. Questionnaire	PDD	Not a debundled activity	OK	OK



CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
project activity?					
9.3 Does proposed project activity confirm to one of the project categories defined for small scale CDM project activities?	"		Yes, the project uses I D renewable electricity generation for a grid.	OK	OK
9.4 PDD has been prepared in accordance with appendix A of Annex II to Decision 21/CP8	DR	Appen dix A1 & PDD	Yes, with few changes such as excess number of pages than specified, font size, italics, shaded tables etc.	CAR 7	OK
9.5 The project uses a simplified baseline and monitoring methodology specified in Appendix B. If not, they may propose changes to the meths or a new SSC project category	DR	Appen dix B1 & PDD	Yes, the project uses 1. D (Renewable Electricity generation for a grid) PDD Page 12 A4.2	OK	OK
9.6 Is there any bundling of SSC activities into one PDD? If so, does the monitoring plan consider sampling of activities? Refer to para 19 of Annex II. Also, note bundling provisions in SSC Briefing Note and SSC meths I C / I D and III D and Para 22e of Appendix B	DR	Appen dix B1 & PDD	No.	OK	OK
9.7 Is EIA required by host party? If not, none is required irrespective of SHC. If yes, has one been performed consistent with local requirements?	DR	PDD	Yes, EIA is required for project cost exceeding 50 crore. (Annexure I, 3 III A) <a href="http://envfor.nic.in/divisions/iass/eia/Annex1.htm">http://envfor.nic.in/divisions/iass/eia/Annex1.htm</a>	OK	OK
9.8 The project results in emission reductions that are additional in accordance with the following requirements:  (para 26) The project is additional if emissions are reduced below those in the absence of the project  (Para 27) Simplified baseline can be used; if not, baseline proposed shall cover all gases, sectors and sources listed in Annex A to the KP  Para 28) One or more barriers as detailed in attachment A to Appendix B to Annex II will be used to demonstrate that the project would not proceed without the CDM	DR	PDD & Appen dix B1	Yes, the project helps in reducing emission through the use of Biomass, Generation of electricity for a grid, thereby replacing fossil fuel.  Yes the barrier analysis favour the commissioning of the project, Investment & Technological barrier needs to be checked during site visit  Crediting period in enclosures A of CER_Calculations_CPL_Val_17Aug 05 is not consistent with the PDD. Whilst the enclosure starts with credit	CAR 8	OK

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	Final Concl
			period 2005 – 2006 the PDD starts with credit period 2006 – 2007.		
9.9 Leakage is calculated according to the provisions of the SSC methodologies in Appendix B ( <a href="http://cdm.unfccc.int/Projects/pac/ssclistmeth.pdf">http://cdm.unfccc.int/Projects/pac/ssclistmeth.pdf</a> )	DR	PDD	No leakages considered for construction, transportation of fuel is considered as leakage  See 1.10 and check list	NIR 4	OK
9.10 The project boundary shall be constructed in accordance with the requirements of the SSC meths in Appendix B	DR	PDD	Yes, however the developer has given a justification that the transportation emissions on account of coal are not included in the project boundary as they are very small compared to those occurring during the transportation of fossil fuel from mines to Thermal Power stations	OK	OK
9.11 The Monitoring plan shall be consistent with the requirements of the SSC methodology in Appendix B and shall provide for the collection and archiving of data needed to determine project emissions, baseline emissions and leakage.	DR	PDD	Yes, the project will be using DCS (Distributed control System) for monitoring and recording of data.	OK	OK
9.12 The monitoring plan shall present good monitoring practice appropriate to the circumstances of the project activity (para 33)	DR	PDD	No, it has not been properly addressed	NIR 25	OK
9.13 If project activities are bundled, separate monitoring plan shall be prepared for each of the activities or an overall plan reflecting good monitoring practice will be prepared, consistent with the above requirements	DR	PDD	No, the project activity is not from a bundled project.	OK	OK

**Table 10 Additional requirements for AR projects**

**Not applicable**

**Table 11 Additional requirements for SSC AR projects**

**Not applicable**