

10 MW BIOMASS BASED POWER GENERATION PROJECT BY RAKE POWER LIMITED AT RAMTEK, NAGPUR

Document Prepared By **Rake Power Limited**

Contact Information

Project Title	10 MW Biomass Based Power Generation Project By Rake Power Limited at Ramtek,Nagpur
Version	01
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Note: The project is registered as a CDM project with Ref. No. 4319. In line with clause 3.12.4.1 of VCS Standard: VCS Version 3, the cover page, section 1.2, 1.3, 1.5, 1.6, 1.7, 1.9, 1.10, 1.12.1, 1.12.2, 1.12.3, 1.12.4 and 1.13 of this project description have been completed.

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7. PROJECT DETAILS

1.1 Summary Description of the Project

1.2 Sectoral Scope and Project Type

Sectoral Scope : 01, Energy Industries (Renewable/Non- Renewable Sources)
 Project Type : I – Renewable Energy Project

The project is not a grouped project.

1.3 Project Proponent

The project has been implemented by Dalmia Chini Mills which is responsible for the total investment for the project activity.

Organization:	Rake Power Limited
Street/P.O.Box:	S.D. Road
Building:	7 th Floor, Minerva Complex,
City:	Secunderbad
State/Region:	Andhra Pradesh
Postfix/ZIP:	500 003
Country:	India
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Represented by:	
Title:	Director
Salutation:	Mr.
Last Name:	I
Middle Name:	--
First Name:	Rajababu
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He is responsible for the operation of Power Plant and Authorized person for the VCS activity.

1.4 Other Entities Involved in the Project

1.5 Project Start Date

The plant has been synchronized on 25/07/2008. A copy of the same has been provided to DOE for verification.

1.6 Project Crediting Period

The project activity has been registered with UNFCCC CDM EB on 08 Feb 2011 with Crediting period 15 Feb 11 to 14 Feb 21 (Fixed). The PP wishes to claim pre CDM registered carbon credits under VCS standard for which the PP has chosen the monitored period from 15 Feb 2009 to 14 Feb 2011.

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

Project	√
Mega-project	

Years	Estimated GHG emission reductions or removals (tCO ₂ e)
15/02/2009 to 28/02/2010	43,844
01/03/2010 to 14/02/2011	38,459
Total estimated ERs	82,303

1.8 Description of the Project Activity

1.9 Project Location

Project Site : Survey No. 429, 432 & 433
 Village : Patgowari
 Taluka : Ramtek
 District : Nagpur
 Latitude : 21° 23' 51"N
 Longitude : 79° 15' 06"E

1.10 Conditions Prior to Project Initiation

The project is a green field biomass power only plant and it produces clean electric energy by use of surplus biomass residues in the project region. There are no GHG emissions in the whole

process of power generation by the project activity. The project promoters hereby confirm that the project is not implemented to create GHG emissions for the purpose of its subsequent removal or destruction.

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

1.12 Ownership and Other Programs

1.12.1 Proof of Title

The synchronization certificate issued by state utility (MSEDCL) and extract copies of agreement with Rake Power Limited, for Boiler and Turbine equipments are considered as the evidence for the proof of title of the project activity. The same are provided to DOE for validation.

1.12.2 Emissions Trading Programs and Other Binding Limits

Not Applicable

1.12.3 Participation under Other GHG Programs

The project is registered as a CDM project with UNFCCC (Ref 4319). The date of registration is 08/02/2011.

1.12.4 Other Forms of Environmental Credit

The project is a CDM registered project and has not applied for any form of environmental credit.

An undertaking for the same is provided by the project proponent.

1.12.5 Projects Rejected by Other GHG Programs

1.13 Additional Information Relevant to the Project

Eligibility Criteria

Not applicable. The project is not a grouped project.

Leakage Management

Not applicable.

Commercially Sensitive Information

Not applicable.

Further Information

As per VCS Standard¹, CDM Pre-registration credits are allowed to claim VCUs. Since the project registered with UNFCCC² for crediting period 15 Feb 2011 to 14 Feb 2021 (fixed), the PP has chosen the monitored period from 15 Feb 2009 to 14 Feb 2011 in line with VCS standard.

2 APPLICATION OF METHODOLOGY

2.1 Title and Reference of Methodology

As per section B.1 (page 9) of registered CDM PDD.

2.2 Applicability of Methodology

As per section B.2 (page 9-10) of registered CDM PDD.

2.3 Project Boundary

As per section B.3 (page 11) of registered CDM PDD.

2.4 Baseline Scenario

As per section B.4 (page 12) of registered CDM PDD.

2.5 Additionality

As per section B.5 (page 13-21) of registered CDM PDD.

2.6 Methodology Deviations

There are no deviations from the methodology.

3 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

3.1 Baseline Emissions

As per section B.6.3 (page 26-30) of registered CDM PDD.

3.2 Project Emissions

As per section B.6.3 (page 31-32) of registered CDM PDD.

3.3 Leakage

As per section B.6.3 (page 30-31) of registered CDM PDD.

¹ <http://www.v-c-s.org/sites/v-c-s.org/files/VCS%20Standard,%20v3.0.pdf>

² <http://cdm.unfccc.int/Projects/DB/DNV-CUK1293699504.98/view>

4 MONITORING

4.1 Data and Parameters Available at Validation

As per section B.6.2 (page 23-26) of registered CDM PDD.

4.2 Data and Parameters Monitored

As per section B.7.1 (page 34-37) of registered CDM PDD.

4.3 Description of the Monitoring Plan

As per section B.7.2 (page 37-40) of registered CDM PDD.

5 ENVIRONMENTAL IMPACT

As per section D (page 41-42) of registered CDM PDD.

6 STAKEHOLDER COMMENTS

As per section E (page 42-44) of registered CDM PDD.