

Investment Opportunity in a New 7.5 MW Biomass Power Plant



Introduction

- The Company was promoted by a Chennai based technocrat.
- The Authorised Capital of the Company is Rs. 15.00 Crores and the Paid up capital is Rs. 14.50 Crores. However the Company has share application money of Rs. 4.63 Crores.
- The company is owned by family members of a business group. Though the plant was commissioned in March 2010, due to sufficient working capital plant is in shut down condition from last 6-7 months.
- The promoters are seeking total sale or various structuring options.
- The Champa-Janjgir district is one of the largest paddy growing area in the state of Chhattisgarh .
- Paddy, wheat, maize are major biomass producing crops cultivated in surrounding area within 75 KM radius of the project location.

Requirement of Unit is around 50000 Tons / Year

Project Details

Date of Incorporation	10 th June 2003
Constitution	Private Limited Company
Capacity of the Plant	7.5 MW
Commercial Operation Date	16 th October 2009

The Plant worked for a period of 8 months i.e. October 2009 to May 2010 and had achieved full load with topline of Rs.828.22 Lacs.

Nature of facility	Name of the Bank	Amount (Rs. In Lacs)
Equity		1726.50
Debt	State Bank of India	1054.37
	Bank of India	1190.66
Total		3971.53

Technical Features

Particulars	Features/ Specification
Connectivity	The site is well connected by all modes of transportation. The nearest railway station is Champa (Howrah - Bilaspur rail line) at a distance of 8 Km.
Water Source	1 Km from Hasdeo River bank
Fuel	The plant is use fuel as rice husk & coal in the Proportion of 75: 25. The site is only 50 Km from pit head of coal mines.
Power Evacuation	Export of power to the grid is through 33 KV transmission to CSEB Champa EHV 132/33 KV at a distance of 8 Km.
Plant Capacity	7.5 MW
EPC Contractor	M/s Powersol Engineers & Consultants Pvt. Ltd
Turbo Generator	M/s Triveni TDPS, Condensing steam Turbine 64 ata, 480 ⁰ c, 35 T/hr.
Boiler	Wuxi Hugang, China; circulating Fluidised bed Combustion, 66ata, 480 ⁰ c, 40 T/hr.
ESP	Yuda, China
Operation & Maintenance Contractors	Operational Energy Group Pvt. Ltd , Chennai

Statutory Compliance Status

Particulars	Concern Agency	Remark
Environmental (Air & Water)	CECB	Consent to establish Received.
Grid Connectivity	CSEB	The Power supply & Power evacuation line from CSEB needs to be reestablished
Power Purchase Agreement	CSEB	The Company has entered into PPA with CSEB & Third party sale.
License – Power Produce	CREDA	Approval received
Coal Linkage		From Market
Rice Husk		From Market



Chhattisgarh - Value Proposition

- The Paddy is grown mainly in the states of Chhattisgarh.
- Availability of natural resources and abundant raw materials.
- large producer of required raw materials for the unit. The state has nearly 1000 rice mills.
- The state has setup The Chhattisgarh Renewable Energy Development Agency (CREDA) to promote independent power producer for generation of Power with an aim to generate 280 MW Biomass based power in the State.
- Presence of 11 out of 18 Agro Climatic zones of India, 5 crop zones and 4 soil types will suit production of almost any crop.
- Cost of human resource is cheaper than 30-35% in the state.





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