

P.O. : Kisanveer Nagar - 415530, Tal. Wai, Dist. Satara (Maharashtra)

C.S.T. TIN - 27220388700 C

VAT TIN - 27220388700 V

B.S.T. No. : 415530- B- 6 w.e.f. 1-4-98

G.S.T. No. : 415530- C- 1 w.e.f. 1-4-98

Gen : KISANSAR (Bhuinj)

Web : www.kisanveernagar.com



S.T.D. Code No. 02167

Phone Nos. 285240

285243

285143

FAX No. 285147

E-mail : kisanveer_nagar@yahoo.com

kisanveer_nagar@yahoo.com

Our Ref. No.

Date :

SR. NO.	FINANCIAL DATA	DETAILS
1	Biomass Power Project Cost Rs.	12966.73 Lacs
2	Fixed :	
	a) Interest on project	1462.26 Lacs
	b) Working Capital	
	c) Depreciation	80.79 Lacs
	d) O & M Expenses	2.72 Lacs
3	Variable:	
	a) Biomass collection Cost	
4	Capital Cost pre MW without	5.89 Cr.
	a) Per ton Biomass Collection	
	b) O & M on Project	
5	Production Cost Rs. /Unit	
6	Tariff considered Rs./Units	4.79
7	Total revenue/Cash accrual (Rs. Cr.)	420.66 Lacs
	1 st year	
	2 nd year	
	3 rd year	
	4 th year	
	5 th year	
8	Debit : Equity	-
10	Equity 5 % SSK	1135.35 Lacs
11	Equity 5% State Govt.	500.00 Lacs
12	SDF (36.46%)	3035.73 Lacs
13	FI/ Bank (53.54%)	8295.15 Lacs

KISAN VEER SATARA SAHAKARI SAKHAR KARKHANA LTD., BHUINJ

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B.S.T. No. : 415530- S- 8 w.a.t. 1-4-96

C.S.T. No. : 415530- C- 1 w.a.t. 1-4-96

Gram : KISANSAKAR (Bhuinj)

web : www.kisanveernagar.com

S.T.D. Code No. 02167

Phone Nos. 285240

285243

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E-mail : kvsaki_sr@bhuinj.inkisanveer@yahoo.com

Our Ref. No. ADM/ /Cogen/ 128 /2012-13

Date : 6/12/2012

SR. NO.	TECHNICAL DATA	DETAILS
1	Boiler parameters-Pressure ata/Temp 0c/TPH (Existing)	87kg/cm ² 515± 5°C, 120 TPH
2	T.G. Set Type & capacity (Existing)	Type - Double extraction condensing (DEC), Capacity - 22 MW
3	Operating days	81 days. For last season 2011- 12
4	Steam requirement TPH (Existing)	120 TPH
5	Steam to HP Header TPH	10 to 12 TPH
6	Steam required to deaerator TPH (Existing)	3 to 4 TPH
7	Steam through condenser TPH	14 TPH
8	Type of water Tube/ Fuel Tube of Boiler	Water Tube Boiler
9	If fluidized Bed Combustion indicates FBC/PFF boiler with model No.	
10	Year of manufacture of Boiler	2010
11	Type of grate & grate area of Boiler	Travelling Grate
12	Coal Consumption per month (Actual/ Envisaged as per design)	-
13	Turbine:	
	a) Gross Heat Rate (with Calculations) of the Turbine Generator Cycle (in k Cal / kWh)	6500 k-Cal / kWh
	b) Inlet Steam Parameters	84kg/cm ² 510±45°C
	c) Inlet Steam Quantity	120TPH for 20.8 MW
	d) Cooling water flow	5100
	e) Generated Voltage Level	11KVA

KISAN VEER SATARA SAHAKARI SAKHAR KARKHANA LT

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VAT TIN - 27220388700 V

B.S.T. No. : 415530-S-6 w.e.f. 1-4-96

C.S.T. No. : 415530-C-1 w.e.f. 1-4-96

Gram : KISANSAKHAR (Bhuirji)

web : www.kisanveersugar.com



S.T.D. Code No.

Phone No.

FAX No.

E-mail : kisanveer@satara.in

kisanveer@yahoo.com

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285240

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Our Ref. No.

Date :

	f) Circulating cooling water temperature at inlet and outlet to condenser, Deg. C	Inlet 25°C Outlet 30°C
	g) Maximum continuous Rating (MCR) of Turbine	22 MW
	h) Frequency	50 Hz
	i) Speed	6800 RPM
SR. NO.	POWER BALANCE	DETAILS
1	Specific steam consumption/kWh/8ata/2.5 ata	5.4kg/kwh
2	Power generation MW / MUS	22 MW
3	Captive Power MW / MUS	8 MW
4	Power Export MW / MUS	14MW
SR. NO.	FUEL UTILIZED	DETAILS
1	Type of Biomass: i) Agro Industrial Residue ii) Agro residue	Bagasse
2	Quantity of Biomass i) Daily (Tones) ii) Yearly (Tones)	1200 ton -
3	Cost of Biomass at site (Rs. Per ton)	2600/-
4	Proposed biomass storage facility	From our Sugar Factory
5	Biomass Collection Mechanism	-
6	Supplementary (fossil) fuel (%)	-