

FINANCIAL/COMMERCIAL INFORMATION @Dr. Babasaheb Ambedkar SSK Kheshegaon Osmanabad

Srl. No.	FINANCIAL/COMMERCIAL DATA	DESCRIPTION
1	Co-Generation Project Cost Rs.	3003.72 Lakhs
2	Modernization project Cost Rs.	6330 Lakhs
3	Total Project Cost Rs.	9333.72 Lakhs
4	Capital Cost per MW with modernization	465.69 Lakhs
5	Capital Cost per MW with modernization with out modernization	300.37/465.69 Lakhs
6	Production Cost Rs./ Unit	per UNIT Rs. 8.51/
7	Cost of Steam for Distillery Use Rs./MT, Total Cost Rs. Or.	NA
8	Cost of Electricity for Distillery Use Rs./MT, Total Cost Rs. Or.	NA
9	Tariff considered Rs./units	4.79
10*	Total Revenue / Cash accrual (Rs.Lakhs.)	Lakhs
	First Year	1023.00
	Second Year	1081.00
	Third Year	1161.00
	Forth Year	1169.00
	Fifth Year	1181.00
11	Debit : Equity	0.82
12	Equity 5% SSK	290.99+857.80
13	Equity 5% State Govt.	Nil
14	SDF (36.46%)	987.42+2297.20
15	Ft / Bank (53.54%)	1511.24
16	IRR (%)	32.53
17	DSCR (Average)	2.04
18	Break Even (%)	
19	Pay Back Period	5-6 Year

To substantiate commercial information the cogeneration facility shall
 * provide yearly certified financial statement.

Chief Engineer
 Dr. Babasaheb Ambedkar
 S.S.K. Ltd. Arvindnagar
 Tq. & Dist. Osmanabad

Shri. Ram Shinde
 Managing Director
 सहायकारी प्रबन्धक
 रामशेन गारुडनगर सह. साखर
 उद्योग, अर्वादिनगर, बेरोपान
 तालुका, जिल्हा. अहमदनगर-४३२५०६

B. B. Tamane & Co.
 Chartered Accountants
 OSMANABAD - 43601

TECHNICAL INFORMATION @ Dr. Babasaheb Ambedkar SSK Kheshegaon Osmanabad

Sl. No.	TECHNICAL DATA	SEASON	OFF SEASON
1	Crushing Capacity Licensed	3500 TCD	NA
2	Crushing Capacity Actual	3500 TCD	NA
3	Crushing Capacity considered for co-gen Project (Average of last 5 years)	3500 TCD	NA
4	Boiler parameters - Pressure Atm/Temp Oc / TPH (Existing)	Pr.45 atm/ Temp. 510°C /TPH32+Pr.45 atm/ Temp. 510°C /TPH32+Pr.45 atm/ Temp. 510°C /TPH30	Pr.45 atm/ Temp. 510°C /TPH30
5	Boiler parameters - Pressure Atm/Temp Oc / TPH (Existing)	As above	As above
6	T.G. Set Type & Capacity (Existing)	Back pressure type (3 No's) 3MW+3MW+10MW	Back pressure type 10MW
7	T.G. Set Type & Capacity (Existing)	As above	As above
8	Operating Days	192	104
9	Steam requirement TPH (Existing)	105	64
10	Steam consumption % on cane for sugar (Existing)	43.58	NA
11	Steam to HP Header TPH	94	NA
12	Steam requirement to Distillery TPH (Existing)	5	NA
13	Steam required to deaerator TPH (Existing)	4	4
14	Steam through condenser TPH	6	6
15	Topping cycle efficiency % (>45%)	47.85	
16	Thermal use % (> 20%)	80	
A	FUEL UTILIZED	SEASON	OFF SEASON
1	Ratio of bagasse to steam (Existing)	2.17	2.17
2	Bagasse production % cane & TPH Bagasse Equivalent Bagasse cane trash Total Bagasse production MT	27.29	
3	Bagasse used during season % cane / TPH Total Bagasse used during season , MT	159790 MT	
4	Bagasse saved % cane & MT	7.23	
5	Bagasse used during off season: TPH / Total Quantity , MT	19735	
6	Alternate fuel used During season TPH/Total Qty MT 1)Biogas 2)Cane Trash	nil	nil
		nil	nil
B	POWER BALANCE	SEASON	OFF SEASON
1	Specific steam consumption/kwh/Beta/2.5 ata	7.06	7.11
2	Power Generation MW/MUS	41.9	1.32
3	Captive Power MW/MUS	24.44	0.238
4	Power Export MW/MUS	17.46	1.082

Shri. T.D. Gund
Chief Engineer
Dr. Babasaheb Ambedkar
SSK Ltd. Arvindnagar
Eo & Dist. Osmanabad

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OSMANABAD - 413501

Shri. Ram Shinde
Managing Director
कार्यकारी संचालक
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