Loknete Baburao Patil S.S.K.Ltd., Laxminagar, Angar Tal. Mohol Dist. Solapur

Sr.No.	Technical Data	Season	Off Season
1	Crushing Capacity licensed	1250	
2	Crushing Capacity Actual	3300	
3	Crushing Capacity Considered for Co-gen. project (Average of last 5 years)	--	
4	Boiler parameters-pressure ata/Temp °C/TPH (Existing)	46 ata /40 TPH /440 °C	
5	Boiler parameters-pressure ata/Temp °C/TPH (Existing)	46 ata / 25 TPH / 440 °C	
6	T.G. Set Type & Capacity (Existing)	8 MW Back Pressure Cum Condencing	
7	T.G. Set Type & Capacity (Existing)	3 MW Back Pressure	
8	Operating days	210	
9	Steam requirement TPH (Existing)	87 TPH	
10	Steam Consumption % on cane for sugar (Existing)	44.25%	
11	Steam to HP Header TPH	--	
12	Steam requirement to Distillery TPH (Existing)	3.91 TPH	
13	Steam required to dearator TPH (Existing)	2.00 TPH	
14	Steam through condenser TPH	21 TPH	
15	Topping cycle efficiency % (>45%)	48.40%	
16	Thermal use % (>20%)	80.60%	

	Fuel Utilized	Season	Off Season
1	Ratio of bagasse to steam (Existing)	01:02.2	
2	Bagasse production % cane & TPH	29.91/ 35.70	
	Biogas Equivalent Bagasse cane Trash	4646 MT	
	Total Bagasse Production MT	180814 MT	
3	Bagasse Used during season % cane /TPH	--	
	Total Bagasse used (MT)		
4	Bagasse saved % cane & MT	2.49% / 15078 MT	
5	Bagasse used during off season TPH / Total Qty. MT	165736 MT	
6	Alternate fuel used during season TPH/ Total Qty. MT		
	1) Biogas	385975 m3	
	2) Cane Trash	5377 MT	

	Power Balance	Season	Off season
1	Specific steam consumption /kwh/8ata/2.5 ata	6.83	5.80
2	Power generation MW/MUS	46.82	
3	Captive Power MW / MUS	20.37	
4	Power Export MW / MUS	26.21	

Loknete Baburao Patil S.S.K.Ltd., Laxminagar, Angar Tal. Mohol Dist. Solapur

Financial Data Year 2009-2010

Sr.No.	Financial data	
1	Co-gen project cost Rs.	2077.00
2	Modernization project cost Rs.	--
3	Total project Rs	2077.00
4	Capital cost per MW with modernization	--
5	Capital cost per MW without modernization	259.62
6	Production Cost Rs / Unit	--
7	Cost of steam for Distillery use Rs / MT	13659
	Total Cost Rs Cr.	98.28 Lacks
8	Cost of Electricity for Distillery use Rs /Unit	4.79 /kwh
	Total Cost Rs Cr.	0.89 Crore
9	Tariff considered Rs / Units	4.79 / kwh
10	Total Revenue /Cash accrual (Rs.Cr)	--
	First Year	358.95 Lacks
	Second Year	977.01 Lacks
	Third Year	766.71 Lacks
	Fourth Year	--
	Fifth Year	--
11	Debit Equity	2077.00
12	Equity 10 % SSK	207.70
13	Equity 5% state Govt.	--
14	SDF (36.46%)	--
15	FI/Bank (53.54%) 90%	1869.30
	1) M.S.C. Bank Mumbai	1186.50
	2) Sindhudurg DCC Bank Ltd.	682.80
16	IRR (%)	25%
17	DSCR (Average)	4.00
18	Break Even (%)in (INR)	13040828.58
19	Pay back period	--