SHRI DNYANESHWAR SAHAKARI SAKHAR KARKHANA LTD. DNYANESHWARNAGAR
POST. BHENDE S.K. TAL. NEWASA, DIST. AHMEDNAGAR.

Sr. No.	Technical Data	Season 2009-2010	Off Season
1	Crushing capacity licensed	5000 M.T.	
2	Crushing capacityActual	5000	
3	Crushing capacity considered for Co.glen project (Average of last 5 years.)	5000 M.T.	
4	Boiler parameters - Pressure ata/ Temp 0c / TPH (Existing)	21 Kg/Cm^2- & 340°C, 2 Nos. Cap. 30+20 45Kg/Cm^2- 1 No.- 4 M.T. 440°C	
5	Boiler parameters-Pressure ata/Temp 0c/TPH (Existing)	67 Kg/Cm^2 1 No.- 80 M.T., 465°C	
6	T.G.Set Type & capacity (Existing)	Back pressure 2.5 + 30MW	
7	T.G.Set Type & capacity (Existing)	Back pressure 12 M.W.	
8	Operating days	204 Days.	
9	Steam requirement TPH (Existing)	140	
10	Steam consumption%on cane for sugar(Existing)	44%	
11	Steam to HP Header TPH.	N.A.	
12	Steam requirement to Distillery TPH (Existing)	6 TPH	
13	Steam required to dearator TPH (Existing)	1 TPH	
14	Steam through condenser TPH	N.A.	
15	Topping cycle efficiency%(>45%)	46.28%	--
16	Thermal use%(>20%)	33.48%	
	FUEL UTILIZED	SEASON	OFF SEASON
1	Ratio of bagasse to steam (Existing)	1:2.15	
2	Bagasse production%cane & TPH Biogas Equivalent Bagasse cane trash Total Bagasse production M.T.	28.16 318754.5	71.77 TPH
3	Bagasse used during season% cane/ TPH Total Bagasse used, MT	24.12 284431.21	56.06 TPH
4	Bagasse saved%cane & MT	3.03 (34323.29)	
5	Bagasse used during off season TPH/ Total Qty. M.T.	--	
6	Alternate fuel used During season TPH / Total Qty M.T.		
	1) Biogas	Nil.	
	2) CaneTrash		
	POWER BALANCE	SEASON	OFF SEASON
1	Specific steam consumption/Kwh/ 8ata /2.5 ata.	5.9 kw/KWH	
2	Power generation MW / MUS	40427000	
3	Captive Power MW / MUS	11770000	
4	Power Export MW / MUS	28657000	

SHRI DNYANESHWAR SAHAKARI SAKHAR KARKHANA LTD. DNYANESHWARNAGAR POST. BHENDE S.K. TAL. NEWASA, DIST. AHMEDNAGAR.

Sr. No.	Financial Data	
1	Co.gen. project Cost Rs.	52.52 Crore
2	Modernization project cost Rs.	--
3	Total Project Rs.	52.52 Crore
4	Capital cost per MW with modernization	Nil.
5	Capital cost per MW eithout Modernization	4.38 Crore.
6	Production Cost Rs. / Unit	6.84 per unit.
7	Cost of Steam for Distillery Use Rs. / M.T. Total Cost Rs. Cr.	904.00 Per M.T. 1.39 Crore
8	Cost of Electricity for distillery use Rs / Unit. Total Cost Rs. Cr.	4.49 Per unit. 0.29 Crore
9	Tariff considered Rs/ Units.	4.79 per unit from 11-01-2010
10	Total revenue / Cash accrual (Rs.Cr.)	
	1st year – 2007-08	5.51 Crore
	2nd year 2008-09	7.96 Crore.
	3rd year 2009-10	9.19 Crore.
	4th year	--
	5th year	--
11	Debit Equity	1:2.50
12	Equity 5% SSK own contribution	14.06 Crore
13	Equity 5% State Govt.	Nil.
14	SDF (36.46%)	14.06 Crore
15	FI/Bank (53.54%)	23.50 Crore
16	IRR(%)	17.96%
17	DSCR (Average)	2.28
18	Break Even(%)	15979 M.W.
19	Pay back period	5.4