

LIST OF DATA / INFORMATION / DOCUMENTS REQUIRED

(Co-generation Power Project – for EXISTING SUGAR FACTORY)

Sr. No	Description	Remark
1	Copy of Company Registration Certificate	
2	Copy of bye-laws / MOA	
3	Copies of IEM Licenses for sugar	
4	Copies of annual reports / balance sheets for last 5 years incl. tentative as on 31.3.2015	
5	Copy of latest Form I (1) – Schedule of Machinery	
6	Copies of RT- 8C form for last five operating years incl. 2014-15 crushing season	
7	List of board of directors, along with brief bio-data of Chairman, MD	
8	Copies of 7/12 extracts for the land in possession or summary of land (Survey. No. area)	
9	Copy of existing plant layout, indicating space provided / allotted for Cogeneration power plant and showing location of steam headers, transformers and RBC	
10	Existing steam and power consumptions with diagram showing steam quantities to power turbine & sugar / distillery plant	
11	Predicted performance in terms of cane crushing for next 5 – 7 years, including steam and power consumption for sugar mill, colony both during season and off season periods.	
12	Copy of cane development / survey report & projections for cane availability for next 5-7 years	
13	Monthly climatic / rainfall data around site location for last 5 years, including current year	
16	Level at which power will be evacuated, distance of nearest EHV substation, voltage & frequency variations, fault levels & tripping details, availability of spare bay, single line diagram etc.	
17	Manpower chart of sugar factory, including staff employed for boiler / TG operation & maintenance	
18	List of pumps & motors with connected load & existing electrical SLD mentioning transformers	
19	Existing Capacity of ETP & drawing	
20	Copy of latest consent from pollution control board	
21	Details for raw water resource & storage arrangements	

PHYSICAL PERFORMANCE

Particulars	Unit	2010-11	2011-12	2012-13	2013-14	2014-15
Total Hours Crushing	hrs					
Total hours lost	hrs					
Cane crushed	Qtls					
Average added water % cane	%					
Total net sugar made	Qtls					
Total net molasses made	Qtls					
Average recovery of sugar % cane	%					
Bagasse % cane	%					
Analysis						
Cane	Sugar %					
	Fiber %					
Bagasse	Sugar %					
	Water %					
	Fiber %					
Sanctioned capacity						
Rate of crushing / 24 hrs						
a) Including stoppages	Qtls					
b) Excluding stoppages	Qtls					

SEASON & OFF-SEASON OPERATION

Sr. No.	Item	Unit	Season Values	Off-season Values
1	Avg. cane crushing	TCD		
2	Peak cane crushing	TCD		
3	Net season days	nos.		
4	Hrs. / day	nos.		
5	Normal cane crushing	TCH		
6	Cane crushed	Lakh MT		
7	Bagasse generation on cane	%		
8	Bagasse generation	TPH		
9	Bagasse for bagacillo / handling loss on cane	%		
		TPH		
10	Bagasse available for boiler	TPH		
11	Total equivalent Bagasse available for boiler	TPH		
12	Bagasse saved for sale	TPH		
		MT		
13	Bagasse to steam ratio	Kg / kg		
14	Bagasse used by boiler	TPH		
15	Steam generation	TPH		
16	Steam consumption	TPH		
16.1	HP steam @ ... kg/cm2			
16.2	LP steam @ ... kg/cm2			
	- Sugar process (steam on cane)	%		
	- De-aerator			
	- Desuperheater water addition			
	- Sub-total			
16.3	Total			
17	Power generation	MW		
18	Power consumption	MW		
	- Sugar process			
	- Colony			
	- Total			
19	Power Export	MW		