

1. Projects associated with Ethanol Production (Greenfield/Expansion & Zero Liquid Discharge etc.):

S. No.	Particulars	Parameters/Details	
		Existing (last alcohol year)	Proposed
1.	Distillery Capacity: a. Licensed b. Operational		
2.	a. Fresh Water Consumption (Liters/Liter of ethanol) for distillery. b. Source of drawing fresh water.		
3.	System for measuring fresh water usage		
4.	Raw/Bio-methanated Spent wash generation (Liters/Liter of ethanol)		
5.	Solid % in Raw/Bio-methanated Spent wash		
6.	Details of MEE (enclose schematic diagram indicating configuration, heating surfaces and operational parameters)/RO system		
7.	Solid % in Concentrated spent wash		
8.	Quantity of MEE condensate/ RO permeate generated		
9.	System for ascertaining concentrated spent wash quantity, flow meter/mass flow meter		
10.	Mass balance for Bagasse: Spent wash in case of incineration boiler or Press Mud : Spent Wash in case of Bio-composting indicating availability of bagasse/press mud		
11.	Flow diagram of the Hot & Cold water management system		

12.	Flow diagram of the Effluent Treatment System (enclose details)		
13.	System of cold and hot water recycling conservation, Utilization of spent leese, boiler blow down and RO/DM plant reject etc. (enclose schematic diagram of system with details of cooling towers and UGR etc.		
14.	Hot and cold water mass balances (enclose details)		
15.	Brief of condensate cooling & polishing system		
16.	Air pollution control devices and particulate matter emission		
17.	Details of rain water harvesting system		
18.	Utilization of sludge and boiler ash		
19.	In case of bio-composting provide area of yard, leachate collection system and about covering of yard		
20.	Details of cameras at various locations		

2. Projects associated with Drip Irrigation:

S. No.	Particulars	Existing Parameters For three years before implementation of the project	Proposed Parameters for three years after implementation of project
1.	Crushing capacity (TCD): a. Licensed b. Actual		
2.	Duration of the season (days)		
3.	Capacity Utilization %		

4.	Total sugarcane requirement for 160 days of operation, MT		
5.	Total sugarcane available, MT		
6.	Actual Sugarcane crushed /projected crushing, MT		
7.	Varietal distribution -Major sugarcane varieties: <ul style="list-style-type: none"> a. early, b. mid-late/late c. Un-approved/rejected (indicate area under each variety in Ha and % of total area available)		
8.	Total cultivable area (Ha)		
9.	Area under sugarcane cultivation (Ha)		
10.	Area under micro-irrigation (drip irrigation) and source of finance for undertaking the project		
11.	Major sugarcane varieties (with area) under drip irrigation.		
12.	Information on: <ul style="list-style-type: none"> a. Sugarcane yield b. Quality of sugarcane as reflected by pol %cane c. Quantity of irrigation water d. Quantity of fertilizers 		
13.	Source(s) of irrigation		
14.	Percentage of ratoon and plant crop		
15.	Cost of drip irrigation project/Ha		
16.	Brief outline /specifications of the drip irrigation project		