

Normalization Factor- Others

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Name of the Unit					
Document Available for Normalisation			Yes/No	Yes	Yes
S.No.	Descriptions	Basis/ Calculations	Unit	Baseline Year (Average of Yr 1 , Yr 2 & Yr3)	Current/Asses ment/Target Year (20.....20....)
1	Weighted Heat Rate	Form I	kcal/kwh	0.00	0.00
2	Biomass Gross Calorific Value	Form I	kcal/kg	0.00	0.00
3	Soild Alternate Fuel Gross Calorific Value	Form I	kcal/kg	0.00	0.00
4	Liquid Alternate Fuel Gross Calorific Value	Form I	kcal/kg	0.00	0.00
5	Station Turbine Net heat Rate	Baseline Parameter	kcal/kwh	0.00	0.00
6	Quantum of Renewable Energy Certificates (REC) obtained as a Renewal Energy Generator (Solar & Non-Solar)	Annual	MWh		0.00
7	Quantum of Energy sold under preferential tariff	Annual	MWh		0.00
8	Normalized Gate to Gate Specific Energy Consumption Process	Annual	TOE/tonne	0.00	0.00
9	Saving Target in TOE/ton of product as per PAT scheme Notification		toe/tonne	0.00	
10	Equivalent Major Product Output in tonnes as per PAT scheme Notification		tonnes	0.00	
11	Additional Electrical & Thermal Energy Consumed due to Environmental Concern	('Form1-modified'!F385*F5/10)+'Form1-modified'!F386	Million kcal		0
12	Biomass replacement with Fossil fuel due to un-availbility used in the process	Annual	Million kcal		0
13	Alternate Solid Fuel replacement with Fossil fuel due to un-availbility used in the process	Annual	Million kcal		0
14	Alternate Liquid Fuel replacement with Fossil fuel due to un-availbility used in the process	Annual	Million kcal		0
15	Additional Electrical & Thermal Energy Consumed due to commissioning of Equipment (Construction Phase)	Annual	Million kcal		0

16	Electrical & Thermal Energy Consumed due to commissioning of New process Line/Unit till it attains 70% of Capacity Utilisation	Annual	Million kcal		0.00
17	Electrical & Thermal Energy Consumed from external source due to commissioning of New Line/Unit till it attains 70% of Capacity Utilisation in Power generation	Annual	Million kcal		0
18	Net Electricity Generation till new Line/Unit attains 70% Capacity Utilisation in Power Generation/Co-Gen	Annual	Million kcal		0
19	Electrical & Thermal Energy to be Normalised consumed due to unforeseen circumstances	Annual	Million kcal		0.00
20	Energy to be subtracted		Million kcal		0
Renewable Energy Certificate Normalisation					
21	Target Saving to be achieved (PAT obligation)	9	TOE/Tonne	0.0	
22	Target Saving to be achieved (PAT obligation)	(21) X (10)	TOE	0	
23	Target Saving Achieved	(8)BY-(8)AY	TOE/Tonne		0
24	Target Saving Achieved	(23)AY X (10)AY X 1000/10^6	TOE		0.0
25	Additional Saving achieved (After PAT obligation)	(23)AY- (21)BY	TOE/Tonne		0
26	Additional Saving achieved (After PAT obligation)	(24)AY-(29)BY	TOE		0.00
27	Thermal energy conversion for REC and Preferential tariff	if[(5)AY=0, {(6)AY+(7)AY} X 2717 X 1000/10^6, otherwise {(6)AY+(7)AY} X (5)AY X 1000/10^6]	TOE		0.0
28	Thermal Energy to be Normalised for REC and preferential tariff power sell under REC mechanism	If[(25)<=0,0,Otherwise if{(27)>(26),(26),otherwise(27)}]	TOE		0.00