

Normalization Factor- Others

Name of the Unit					
Document Available for Normalisation		Yes/No		Yes	
S.No.	Descriptions	Basis/ Calculations	Unit	Baseline Year (Average of year1 to Year 3)	Current/Assessment /Target Year (20__ - 20__)
1	Weighted Heat Rate	Form I-Sb!H4	kcal/kwh	0.00	0.00
2	Biomass Gross Calorific Value	Form I-Sb!D9.(ii)	kcal/kg	0.00	0.00
3	Soild Alternate Fuel Gross Calorific Value	Form I-Sb!D10.(ii)	kcal/kg	0.00	0.00
4	Liquid Alternate Fuel Gross Calorific Value	Form I-Sb!E6.(ii)	kcal/kg	0.00	0.00
5	Steam Turbine Net Heat Rate	NF-1 Power Mix	kcal/kwh	0.00	0.00
6	Quantum of Renewable Energy Certificates (REC) obtained as a Renewal Energy Generator (Solar & Non-Solar)	Form I-Sb!C1.(viii) AY	MWh		0.00
7	Quantum of Energy sold under preferential tariff	Form I-Sb!C1.(ix) AY	MWh		0.00
8	Normalized Gate to Gate Specific Energy Consumption	Summary Sheet!(13)	kcal/tonne	0.00	0.00
9	Saving Target in TOE/ton of product as per PAT scheme Notification	Form I-Sb!C1.(xiv) AY	toe/tonne	0.0000	
10	Equivalent Major Product Output in tonnes as per PAT scheme Notification	Form I-Sb!C1.(xv) AY	tonnes	0.00	
11	Additional Electrical & Thermal Energy Consumed due to Environmental Concern	Form I-Sb!L1.(i) x (1)/10+Form1-Sb!L1.(ii)	Million kcal		0
12	Biomass replacement with Fossil fuel due to un-availibility used in the process	Form I-Sb!L2.(i) x (2)/1000	Million kcal		0
13	Alternate Solid Fuel replacement with Fossil fuel due to un-availibility used in the process	Form I-Sb!L2.(ii) x (2)/1000	Million kcal		0

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14	Alternate Liquid Fuel replacement with Fossil fuel due to un-availability used in the process	Form I-Sb!L2.(iii) x (2)/1000	Million kcal		0
15	Additional Electrical & Thermal Energy Consumed due to commissioning of Equipment (Construction Phase)	Form I-Sb!L3.(i) x (1)/10+Form1-Sb!L3.(ii)	Million kcal		0
16	Electrical & Thermal Energy Consumed due to commissioning of New process Line/Unit till it attains 70% of Capacity Utilisation	Form I-Sb!L4.(i) x (1)/10+Form1-Sb!L4.(ii)	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	Form I-Sb!L4.(v) x (1)/10+Form1-Sb!L1.(vi)	Million kcal		0
18	Electrical & Thermal Energy to be Normalised consumed due to unforeseen circumstances	Form I-Sb!L5.(i) x (1)/10+Form1-Sb!L5.(ii)	Million kcal		0.00
19	Energy to be added for Power generation of a line /unit till it attains 70% of Capacity Utilisation	Form I-Sb!L4.(vii) x (1)/10	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) X 10 ⁴	kcal/kg equivalent Cement	0.0	
22	Target Saving to be achieved (PAT obligation)	(21) X (10) X1000/10 ⁶	Million kcal	0	

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23	Target Saving Achieved	(8)BY-(8)AY	kcal/kg equivalent Cement		0
24	Target Saving Achieved	(23)AY X (10)AY X 1000/10^6	Million kcal		0.0
25	Additional Saving achieved (After PAT obligation)	(23)AY- (21)BY	kcal/kg equivalent Cement		0
26	Additional Saving achieved (After PAT obligation)	(24)AY-(22)BY	Million kcal		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]	Million kcal		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)}]	Million kcal		0.00