

## Normalization Factor- Oth

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Name of the Unit		
Document Available for Normalisation		
S.No.	Descriptions	Basis/ Calculations
1	Weighted Heat Rate	Form -Se2-H.6
2	Biomass Gross Calorific Value	Form -Se2-D.10(iii)
3	Soild Alternate Fuel Gross Calorific Value	Form -Se2-D.11(iii)
4	Liquid Alternate Fuel Gross Calorific Value	Form -Se2-E.6 (ii)
5.i	Generation Net Heat Rate	NF-3 Power Mix-F.8
5.ii	Steam Specific Energy Consumption	Form -Se2-3.4
6	Quantum of Renewable Energy Certificates (REC) obtained as a Renewal Energy Generator (Solar & Non-Solar)	Form -Se2-C.1 (viii)
7	Quantum of Energy sold under preferential tariff	Form -Se2-C.1 (ix)
8	Normalized Gate to Gate Specific Energy Consumption	Summary Sheet -E8
9	Saving Target in TOE/ton of product as per PAT scheme Notification	Form -Se2-C.1(xiv)
10	Equivalent Major Product Output in tonnes as per PAT scheme Notification	Form -Se2-C.1(xv)
11	Additional Electrical & Thermal Energy Consumed due to Environmental Concern	('Form- Se2 modified'!!I983*F10/10)+'Form - Se2modified'!!I984
12	Biomass replacement with Fossil fuel due to un-availibility used in the process	Form- Se2 modified'!!I987*E6/10^3
13	Alternate Solid Fuel replacement with Fossil fuel due to un-availibility used in the process	Form- Se2 modified'!!I988*E7/10^3
14	Alternate Liquid Fuel replacement with Fossil fuel due to un-availibility used in the process	Form- Se2 modified'!!I989*E8/10^3
15	Additional Electrical & Thermal Energy Consumed due to commissioning of Equipment (Construction Phase)	('Form- Se2 modified'!!I991*F5/10)+'Form - Se2modified'!!I992
16	Electrical & Thermal Energy Consumed due to commissioning of New process Line/Unit till it attains 70% of Capacity Utilisation	('Form- Se2 modified'!!I994*F5/10)+'Form - Se2modified'!!I995

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- Se2 modified'!!1999*F5/10)+'Form - Se2modified'!!1000
18	Electrical & Thermal Energy to be Normalised due to unforeseen circumstances	('Form- Se2 modified'!!1003*F5/10)+'Form - Se2modified'!!1004
19	Electricity Generation till new line/ Unit attains 70% Capacity Utilisation	('Form- Se2 modified'!!1002*F10/10)
	Steam Generation till new line/ Unit attains 70% Capacity Utilisation	('Form- Se2 modified'!!1001*F10/10)
20	<b>Energy to be subtracted</b>	<b>sum(C:17 to C:24)</b>
<b>Renewable Energy Certificate Normalisa</b>		
21	Target Saving to be achieved (PAT obligation)	(9)
22	Target Saving to be achieved (PAT obligation)	(21) X (10)
23	Target Saving Achieved	(8)BY-(8)AY
24	Target Saving Achieved	(22)AY X (10)AY
25	Additional Saving achieved (After PAT obligation)	(22)AY- (20)BY
26	Additional Saving achieved (After PAT obligation)	(23)AY-(21)BY
27	Thermal energy conversion for REC and Preferential tariff	if[(5)AY=0, {(11)AY+(12)AY} X 2717 X 1000/10^6, otherwise {(11)AY+(12)AY} X (5)AY X 1000/10^7]
28	<b>Thermal Energy to be Normalised for REC and preferential tariff power sell under REC mechanism</b>	<b>If[{(24)}&lt;=0,0,Otherwise if[{(26)}&gt;(25),(25),otherwise(26)}]</b>



Million kcal		0.00
Million kcal		0.00
Million kcal		0.00
Million kcal		0.00
<b>Million kcal</b>		<b>0</b>
<b>tion</b>		
TOE/Tonne	0.0	
TOE	0.00	
TOE/Tonne		0.00
TOE		0.00
TOE/Tonne		0.00
TOE		0.00
TOE		0.00
<b>TOE</b>		<b>0.00</b>