

## **Coal Consumption Norms for Evaluation of Bids**

For the limited purpose of computing the coal requirement for determination of eligibility of a particular EUP(s) for a specific mine while submitting their Technical Bids, Bidders will need to use the following consumption norms as given in the table below.

**Any different information provided elsewhere (including the Mine Dossier) may be ignored for this limited purpose of calculation of coal requirement for EUP(s) for eligibility determination only.**

For power and CPP, the coal consumption norm given is on per annum basis at 85% PLF. For estimating their eligibility bidders will have to calculate their coal requirement for 30 years.

For steel and cement the coal consumption given is on kg/tonne basis. For estimating their eligibility bidders will have to calculate their coal requirement for 30 years at 85% capacity utilisation.

	Coal Mine	Designated end use	Grade	Power / Captive Power (tonnes of coal/MW/ annum)					Steel (kg of coal/tonne of DRI)	Cement (kg of coal /tonne of clinker)
				Sub Critical Technology				Super Critical \$		
				Below 100 MW	100 MW - 200 MW	200 MW - 250 MW @	Above 250 MW \$			
				Unit Heat Rate (kCal / kWh)#						
2770	2615	2500	2375	2250						
1	Gare-Palma- IV/2 & IV/3	Power	G 11	5156	4868	4654	4421	4188	NA	NA
2	Tokisud North		G 9	4484	4233	4047	3844	3642	NA	NA
3	Amelia (North)		G 8	4209	3974	3799	3609	3419	NA	NA
4	Talabira-I		G 13	6066	5727	5475	5201	4928	NA	NA
5	Sarisatolli		G 11	5156	4868	4654	4421	4188	NA	NA
6	Trans Damodar		G 6	3750	3540	3385	3215	3046	NA	NA
7	Parbatpur-Central	Steel / Cement / CPP	Washery I (Coking coal)	NA	NA	NA	NA	NA	365 *	NA
8	Gare-Palma-IV/4		G 9	4484	4233	4047	3844	3642	1700	175
9	Gare-Palma-IV/1		G 12	5574	5263	5031	4780	4528	2100	217
10	Gare-Palma-IV/5		G 9	4484	4233	4047	3844	3642	1700	175
11	Chotia		G 7	3966	3744	3580	3401	3222	1400	156
12	Gare-Palma-IV/7		G 12	5574	5263	5031	4780	4528	2100	217
13	Kathautia		G 4	3381	3192	3052	2899	2746	1150	132
14	MarkiMangli-I		G 9	4484	4233	4047	3844	3642	1700	175
15	MarkiMangli-III		G 9	4484	4233	4047	3844	3642	1700	175
16	Belgaon		G 10	4797	4528	4329	4113	3896	1700	187
17	Ardhagram		G 8	4209	3974	3799	3609	3419	1400	165
18	Gotitoria East & West		G 7	3966	3744	3580	3401	3222	1400	156
19	Mandla North		G 8	4209	3974	3799	3609	3419	1400	165
20	Bicharpur		G 9	4484	4233	4047	3844	3642	1700	175
21	SialGhoghri	G 8	4209	3974	3799	3609	3419	1400	165	

# In case of power projects where approved heat rate by the Regulator is higher than above considered values, the Heat Rate approved by the Regulator would be considered for the purpose of working out normative coal requirement.

@ In case of main steam pressure 150 ata or above the Unit Heat rate shall be reduced by 100 kcal/kWh.

\$ In case of units having Motor Driven Boiler Feed Pump (MDBFP) of 500 MW and above size units including super critical units the Unit Heat Rate shall be reduced by 50 kcal/kWh. These norms will be applicable for Captive Power Plants (CPP) also.

\* Value is kg of coal required for production of one tonne of hot metal through blast furnace route.