

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.

S. No.	Coal Mine	Specified 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						
				Below 100 MW	100 MW-200 MW	200 MW @ 250MW	Above 250 MW \$	Super Critical		
				Unit Heat Rate (kCal/kWH)#						
			2770	2615	2500	2375	2250			
1	Brahampuri	Iron & Steel, Cement, CPP	G-6	3750	3540	3385	3215	3046	1300	146
2	Bundu		G-10	4797	4528	4329	4113	3896	1700	187
3	Gondkhari		G-8	4209	3974	3799	3609	3419	1400	165
4	Gondulpara		G-10	4797	4528	4329	4113	3896	1700	187
5	Jaganathpur-A		G-8	4209	3974	3799	3609	3419	1400	165
6	Jaganathpur-B		G10	4797	4528	4329	4113	3896	1700	187
7	Khappa & Extn.		G-8	4209	3974	3799	3609	3419	1400	165
8	Bhaskarpara		G7	3966	3744	3580	3401	3222	1400	156
9	Marki Mangli-IV		G-10	4797	4528	4329	4113	3896	1700	187
10	Sondiha		G-10	4797	4528	4329	4113	3896	1700	187
11	Chitarpur		G-12	5574	5263	5031	4780	4528	2100	217
12	Jamkhani		G-11	5156	4868	4654	4421	4188	2100	201

*This information provided by Govt. agency. Comment; If any.

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.