

Bhushan power and steel Ltd

Power supply and distribution

1. Power Requirement

S. No.	Equipments	Power maximum demand – In MW
1	Rotary Kiln for Sponge Iron (4 Nos, 2 MW each)	8
2	Raw material preparation Plant (including wagon tippler, conveyors etc)	3
3	Coal washery	1
4	Induction furnaces 6 MW each - 2	12
5	Ladle refining/Caster for induction furnace	3
6	Arc Furnace shop	48
7	Ladle refining /caster for Arc furnace	15
8	Other utilities	4
9	Power plant auxiliary (100 MW power plant)	10
	Total maximum demand	104

2. Power supply

S. No.	Equipments	Power supply – In MW
1	WHRB power plant	48
2	Coal based (AFBC) power plant	52
3	Grid (4950KVA)	3.96
	Total Supply	103.96