

GENERATION CAPACITY

All Figures in MW

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY	FIRM POWER (MW)
1	O.H.P.C.		
	HIRAKUD POWER STATION		
	(a)BURLA	2x49.5 = 99 2x32 = 64 3x37.5 = 112.5	134
	(b)CHIPLIMA	3x24 = 72	
	BALIMELA POWER HOUSE	6x60 + 2x75 = 510	135
	RENGALI POWER HOUSE	5x50 = 250	60
	UPPER KOLAB POWER HOUSE	4x80 = 320	95
	INDRAVATI POWER HOUSE	4x150 = 600	224
	MACHHKUND POWER HOUSE (Orissa Share 30%, Purchase upto 20% extra)	3x17 = 51.00 3x21.25 = 63.75	30
	TOTAL HYDRO (A)	= 2084.875	
2	N.T.P.C.(TAKEN OVER)		
	TTPS STAGE-I	4x60 = 240	160.2 (Auxiliary 11%, Availability 75%)
	TTPS STAGE - II	2x110 = 220	146.85 (Auxiliary 11%, Availability
	TOTAL TTPS	= 460	
3	O.P.G.C.		
	IB TPS	2x210 = 420	342.09 (Auxiliary 9.5 %, Availability
	TOTAL THERMAL (B)	880	

CENTRAL SECTOR GENERATION

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY	OPTCL'S SHARE OF INSTALLED CAPACITY ON REALTIME BASIS.		FIRM AVAILABILITY	AUX. COHS.	% AGE AVAILABILITY
			% age	MW	MW	%	%
1	CHUKHA (BHUTAN)	4 x 84 = 336 (Considering 270 MW, total availability.)	15.19	51	30 *		
	TALA(BHUTAN)	6 x 170 = 1020	4.25	43.0	37		85
2	RANGIT (SIKKIM)	3 x 20 = 60	NIL	NIL			
3	KURICHU (BHUTAN)	4 x 15 = 60	NIL	NIL			
4	FARAKKA (WEST BENGAL)	3 x 200 = 600 2 x 500 = 1000	13.63	218.1	161	7.5	80
5	KAHALGAON (BIHAR)	4 x 210 = 840 3 x 500 = 1500	15.24 2.05	128 20.5	67	9	80
6	TSTPP, KANIHA (ORISSA)	2 x 500 = 1000 4 x 500 = 2000	31.80 10.00	318 200	235 148	7.5 7.5	80 80
7	TISTA	3 x 170 = 510	20.59	105			
	TOTAL ISGS			1083.6			
	GRAND TOTAL, (A) + (B) + (C) = 4048.475 MW						

* GRIDCO HAS GOT A SHARE OF 17.4% OF ACTUAL RECEIPT OF BIRAPARA (INDIA), WHICH WORKS OUT TO BE 30.00 MW AVERAGE ON DAILY BASIS.

CAPACITY OF CPP / IPP

Sl.No	POWER STATION	INSTALLED CAPACITY	TOTAL	TYPE
1	MEENAKSHI POWER LTD., (JAYANAGAR)(IPP)	3X4 + 2X12.5	37	HYDRO
2	AARATI STEEL (GHANTIKHAL, CUTTACK)(IPP)	1 X 50	50	THERMAL
3	Orissa Power Consortium Ltd.(Samal)(IPP)	4 X 5	20	HYDRO
4	STERLITE ENERGY LTD.	2 x 600	1200	THERMAL
5	NALCO(ANGUL)	10 X 120	1200	THERMAL
6	RSP(ROURKELA)	2 X 60 + 4 X 25	220	THERMAL
7	ICCL(CHOUDWAR)	2 X 54	108	THERMAL
8	HPCL(HINDALCO)(HIRAKUD)	1 X 67.5 + 3 x 100	367.5	THERMAL
9	KMCL (NINL) (DUBURI)	2 X 19.25	38.5	THERMAL
10	NBVL (MERAMUNDALI)	1 X 30 + 1X 65	95	THERMAL
11	BHUSAN STEEL, JHARSUGUDA	1 X 60 + 1 X 40 + 1 X 130 + 2 X 8 + 2 X 150	546	THERMAL
12	VEDANTA (LANJIGARH)	3 X 30	90	THERMAL
13	TATA SPONGE IRON (JODA)	1 X 18.5 + 1 X 7.5	26	THERMAL
14	SHYAM DRI, (PANDOLI, SAMBALPUR)	1 X 30	30	THERMAL
15	AARATI STEEL (GHANTIKHAL, CUTTACK)	1 X 40	40	THERMAL
16	BHUSAN STEEL LTD. (MERAMUNDALI)	1 X 33+1 X 77+ 2 X 150	410	THERMAL
17	ZINDAL STAINLESS LTD., (DUBURI)	2 X 125	250	THERMAL
18	VEDANTA (JHARSUGUDA)	7 X 135	945	THERMAL
19	PATTANAIK STEEL, (KEONJHAR)	1 X 15	15	THERMAL
20	VISA STEEL LTD., (NEW DUBURI)	2 X 25	50	THERMAL
21	Rathi Steel & Power Ltd.(Katapalli)	1 X 20	20	THERMAL
22	IFFCO (PARADEEP)	2 X 55	110	THERMAL
23	MAHAVIR FERRO ALLOYS PVT. LTD.	1 X 12	12	THERMAL
24	SMC POWER GENERATION LTD.	1 X 8 + 1 X 25	33	THERMAL
25	ACTION ISPAT & POWER PVT. LTD.	1 X 12	12	THERMAL
26	ARYAN ISPAT & POWER PVT. LTD.	1 X 18	18	THERMAL
27	Orissa Sponge Iron & steel LTD.	1 X 24	24	THERMAL
28	EMAMI PaperMills Ltd.	1 X 15	15	THERMAL
29	DinabandhuSteel & Power Ltd.	1 X 10	10	THERMAL
30	MAHESWARI ISPAT PVT. LTD.	2 x 12	24	THERMAL
31	NARBHERAM POWER & STEEL PVT. LTD.	1 x 8	8	THERMAL
	TOTAL		6024	

Firm power for OHPC stations has been computed as per design energy of the stations approved by CEA
Firm availability of State Thermal & ISGS as per CERC /OERC norms.