

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 (Auxilliary 10.5 %, Avalability 80%)
	TTPS STAGE - II	2x110 = 220	146.85 (Auxilliary 10.5 %, Avalability 80%)
	TOTAL TTPS	= 460	
3	O.P.G.C.		
	IB TPS	2x210 = 420	342.09 (Auxilliary 9.5 %, Avalability 90%)
	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. CONS.	% AGE AVAILABILITY
			% age	MW	MW	%	%
1	CHUKHA (BHUTAN)	4 x 84 = 336	15.19	41	30 *		
	TALA(BHUTAN)	(Considering 270 MW, total availability) 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 1 x 500 = 500	13.63 16.62	218.1 83.10 + 50	161	7.5	80
5	KAHALGAON (BIHAR)	4 x 210 = 840 3 x 500 = 1500	15.24 2.05	128 31	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		1217.2			

GRAND TOTAL , (A) + (B) + (C) = 4132.075 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.

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.

CAPACITY OF IPP & SMALL HYDRO

Sl. No	POWER STATION	INSTALLED CAPACITY	TOTAL	TYPE
1	MEENAKSHI POWER LTD., (JAYANAGAR)(IPP)	3X4 + 2X12.5	37	HYDRO
2	Orissa Power Consortium Ltd.(Samal)(IPP)	4 X 5	20	HYDRO
3	AARATI STEEL ,GHANTIKHAL(IPP)	1 X 50	50	THERMAL
4	STERLITE ENERGY LTD., JHARSUGUDA(IPP)	4 x 600	2400	THERMAL
		TOTAL	2507	

CAPACITY OF CPP

1	AARATI STEEL GHANTIKHAL, CUTTACK	1 X 40	40	THERMAL
2	ACC, Bargarh	1 x 30	30	THERMAL
3	ACTION ISPAT & POWER PVT. LTD.	1 X 12 + 1 X 25	37	THERMAL
4	ARYAN ISPAT & POWER PVT. LTD.	1 X 18	18	THERMAL
5	BHUSAN STEEL LTD.,MERAMUNDALI	1 X 33+1 X 77+ 2 X 150	410	THERMAL
6	BHUSAN POWER & STEEL , JHARSUGUDA	1X60 + 1X40 + 2X130 + 2 X 8	376	THERMAL
7	EMAMI PaperMills Ltd.	1 X 15 + 1 x 5	20	THERMAL
8	FACOR	1 X 45	45	THERMAL
9	HPCL(HINDALCO),(HIRAKUD)	1 X 67.5 + 3 x 100	367.5	THERMAL
10	ICCL(CHOUDWAR)	2 X 54 + 1 X 30	138	THERMAL
11	IFFCO (PARADEEP)	2 X 55	110	THERMAL
12	JINDAL STAINLESS LTD., DUBURI	2 X 125	250	THERMAL
13	JINDAL STEEL & POWER LTD., ANGUL	4 X 135	540	THERMAL
14	NINL (DUBURI)	2 X 19.25 + 1 X 24	62.5	THERMAL
15	MAHAVIR FERRO ALLOYS PVT. LTD.	1 X 12	12	THERMAL
16	MAHESWARI ISPAT PVT. LTD.	2 x 12	24	THERMAL
17	Maithan Ispat Nigam Ltd., Jajpur Road	1 x 30	30	THERMAL
18	MSP Mettallics Ltd.	1 x 25	25	THERMAL
19	NALCO(ANGUL)	10 X 120	1200	THERMAL
20	NARBHERAM POWER & STEEL PVT.	1 x 8	8	THERMAL
21	NBVL (MERAMUNDALI)	1 X 30 + 1X 65	95	THERMAL
22	Orissa Sponge Iron & steel LTD.	1 X 24	24	THERMAL
23	PATTANAİK STEEL, (KEONJHAR)	1 X 15	15	THERMAL
24	Rathi Steel & Power Ltd.(Katapalli)	1 X 20	20	THERMAL
25	RSP(ROURKELA)	2 X 60 + 4 X 25	220	THERMAL
26	SHYAM DRI, (PANDOLI, SAMBALPUR)	1 X 30	30	THERMAL
27	SMC POWER GENERATION LTD.	1 X 8 + 1 X 25	33	THERMAL
28	SREE GANESH	1 X 32	32	THERMAL
29	TATA SPONGE IRON (JODA)	1 X 18.5 + 1 X 7.5	26	THERMAL
30	VEDANTA (JHARSUGUDA))	9 X 135	1215	THERMAL
31	VEDANTA (LANJIGARH)	3 X 30	90	THERMAL
32	VISA STEEL LTD., (NEW DUBURI)	3 X 25	75	THERMAL
33	YAZDANI Steel & Power Ltd.	1 X 10	10	THERMAL
		TOTAL	5628	

RENEWABLE PROJECTS

Sl. No	POWER STATION	INSTALLED CAPACITY	TOTAL	TYPE	CONNECTIVITY VOLTAGE
1	ABACUS HOLDINGS PVT. LTD	1 MW	1	SOLAR	11 KV
2	AFTAAB SOLAR PVT. LTD.	5 MW	5	SOLAR	33 KV
3	JAY IRON & STEEL	1 MW	1	SOLAR	11 KV
4	M.G.M. MINERALS LTD.	1 MW	1	SOLAR	11 KV
5	MOLISATI VINIMAY PVT. LTD.	1 MW	1	SOLAR	11 KV
6	PANTIME FINANCE COMPANY PVT. LTD.	1 MW	1	SOLAR	11 KV
7	RAAJRATNA ENERGY PVT. LTD.	1 MW	1	SOLAR	11 KV
8	S. N. MOHANTY	1 MW	1	SOLAR	11 KV
9	SHALIVAHAN GREEN ENERGY LTD.	20 MW	20	BIOMASS	132 KV
10	SHRI MAHAVIR FERRO ALLOYS PVT. LTD.	1 MW	1	SOLAR	33 KV
		TOTAL	33		
	GRAND TOTAL (SMALL HYDRO,IPP & CPP)		8168		