

Generator voltages, current, line voltages and number of transmission lines

Sl. No.	Station	No. of units X unit capacity in MW	Generator voltage-kV	Rated current gen. terminals Amp/unit	Line voltage kV	Rating of Gen. Tr. MVA	No. of line bays	Lines to substation
I	RTPS unit-1,2,3 unit-4 unit-5,6,7		15.75	9056	220	3x250 1x250 3x250 2 ICT's:220/400 kV 315 MVA each	220 kV = 9	3 to Lingasugur
			15	9509	400			2 to Sadem
			15.75	9056	400			1 to Raichur 1 to Raichur - under constr. 2 to Gulbarga
							400 kV = 3	1 to Nagarjunsagar 1 to Munirabad 1 to Guttur (Davanagere)
II	Hydel							
1	Sharavathy	10 x 103.5	11	6036 6032	220	10x115	7	4 to Shimoga 2 to Hubli 1 to Davanagere
2	Linganamakki	2 x 27.5	11	1604	110	2x31	4	2 to Shimoga 2 to MGHE
3	Bhadra-LB	2x12 + 1 x 2	11 11	745 123	66	2 x 15 + 1 x 2.5	3	2 to Shimoga 1 to MBT
4	Bhadra-RB	1x7.2 + 1x6	11 11	445 370	66	1 x 9 1 x 8		
5	Nagjhari	3x135 + 3x150	11 11	7873 8746	220 220	6x165	8	4 to Hubli 2 to Kodasalli 2 to Ambewadi
6	Supa	2x50	11	2916	110	2x55	4	2 to Ponda 2 to Ambewadi
7	Varahi UGPH	2x115	11	6715	220	2x130	5	2 to Mangalore 2 to Shimoga 1 under constr.
8	Mani DPH	2x4.5	11	262	110	1x11	1	1 to Hulical
9	Ghataprabha	2 x 16	11	1050	110	2x18/22	2	1 to Ghataprabha 1 to Belgaum
10	Kadra	3x50	11	2916	220	3x 55	4	2 to Karwar 1 to Kaiga 1 to Kodasalli
11	Kodasalli	3x40	11	2333	220	3x45	4	2 to NPH 1 to Kadra 1 to Kaiga
12	Gerusoppa	4 x 60	11	3499	220	4x67	2	2 to Talaguppa
13	Almatti	1 x 15 5 x 55	11 11	875 3208	220 220	1x20 5x67	4	2 to Basavanabagewadi 2 to Bagalkot