

KPCL POWER PROJECTS IN KARNATAKA

Sl.No	Power Stations	Units x MW	Installed capacity
A. HYDRO PROJECTS			
Cauvery River Basin			
1	Sir Sheshadri Iyer Hydro Electric Station (Shivanasamudram)	4x6 6x3	42.00
2	Shimsha Hydro Electric Station	2x8.6	17.20
		Total	59.20
Sharavathy valley Project			
3	Linganamakki Dam Power House	2 x 27.5	55.00
4	Mahathma Gandhi Hydro Electric Station	4x21.6	139.20
		4x13.2	
5	Sharavathi Generating Station	10 x 103.5	1035.00
		Total	1229.20
Gerusoppa Hydro Electric Project			
6	Gerusoppa Dam Powerhouse	4 x 60	240.00
Kali Hydro Electric Project			
7	Supa Dam Powerhouse	2x50	100.00
8	Nagjari Powerhouse	5x150+1x135	885.00
9	Kadra Dam Powerhouse : 3 x 50 =150	3 x 50	150.00
10	Kodasalli Dam Powerhouse : 3 x 40=120	3 x 40	120.00
		Total	1255.00
Varahi Hydro Electric Project			
11	Mani Dam Powerhouse	2x4.5	9.00
12	Varahi UGPH :4 x 115 =460	4 x 115	460.00
		Total	469.00
Krishna Basin Project			
13	Almatti Dam Power House	1X15	290.00
		5x55	
Mini Hydro Electric Project			
Bhadra Project			
14	Bhadra Right Bank Canal Powerhouse	1x7.2	13.20
		1x6	
15	Bhadra Left Bank Canal Powerhouse	2 x12	26.00
		1x2	
16	Munirabad Power House(Thunga Bhadra Basin)	2x9	28.00
		1x10	
17	Ghataprabha Dam Powerhouse	2 x 16	32.00
18	Mallapur Mini Hydrel Scheme	2x4.5	9.00
19	Sirwar Mini Hydrel Scheme	1x1	1.00
20	Kalmala Mini Hydrel Scheme	1 x 0.40	0.40
21	Ganekal Mini Hydrel Scheme	1 x 0.35	0.35
		Total	109.95
	Total Hydro		3652.35
B. THERMAL STATIONS			
22	Raichur Thermal Power Station 1 to 7 Unit	7 x 210	1470.00
23	Raichur Thermal Power Station Unit-8	1x250	250.00
24	Bellary Thermal Power Station Unit-I	1x500	500.00
25	Bellary Thermal Power Station- Unit-II	1x500	500.00
		Total Thermal	2720.00
C. DIESEL GENERATION STATION			
26	Yelahanka Diesel Generating Station	6x18	108.00
D. WIND POWER STATION			
27	Kappadagudda Wind Farm	9 x 0.225 +11x0.230	4.56
E. SOLAR ENERGY			
28	Yelesandra Solar PV Plant, Kolar Dist		3.00
29	Itnal Solar PV Plant, Belgaum District		3.00
30	Yapaldinni Solar PV Plant, Raichur District		3.00
31	Simsha Solar PV Plant, Shimshapur, Mandya District		5.00
	Sub Total Solar		14.00

		GRAND TOTAL	6498.91
F. KPCL Ongoing Projects			
32	Bellari Thermal Power Station Unit-III	1x700	700.00
33	Yermaras Thermal Power Station	2x800	1600.00
34	Munirabad		10.00
35	R M & U of NPH. Unit-6	1x15	15.00
		GRAND TOTAL	2325.00
G. KPCL New Projects(Capacity in MW)			
36	Bidadi Gas Based Combined Cycle Power Plant	1x700	700.00
37	Godhna Thermal Power Station Chhattishgarh Thermal Plant(Pit Head)	2x800	1600.00
38	Edlapur Thermal Power Station	1x800	800.00
39	Ghataprabha		20.00
		GRAND TOTAL	3120.00
H. KPCL Proposed New Projects(Capacity in MW)			
	Hydro Projects		
40	Shivanasamudram Seasonal Scheme	3x100+1x45	345.00
42	Gundia Hydel Project	2x200	400.00
	Gas Based Projects		
43	Bidadi 2nd Stage		700.00
44	Yelahanka		350.00
45	Tadadi Gas Based Project		2100.00
		Total	3895.00