

Installed Capacity of Karnataka State

Sl. No	Power Stations	Units x MW	Installed capacity (in MW)
I. KPCL Power Generation Projects			
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 4x13.2	139.20
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 5x55	290.00
Mini Hydro Electric Project			
Bhadra Project			
14	Bhadra Right Bank Canal Powerhouse	1x7.2 1x6	13.20
15	Bhadra Left Bank Canal Powerhouse	2 x12 1x2	26.00
16	Munirabad Power House(Thunga Bhadra Basin)	2x9 1x10	28.00
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. COAL BASED THERMAL POWER 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	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
	KPCL Project TOTAL		6498.91
II. IPP Projects			
A. HYDRO PROJECTS			
1	Mini Hydrel Projects		702.66
B. COAL BASED THERMAL POWER STATIONS			
1	UPCL	2 x 600	1200.00
2	Jindal (Coal and COREX)	2 x 130 + 4 x 300	1460.00
	Sub Total		2660.00
C. DIESEL GENERATION STATION			
1	Tata Electric	5x16.26	81.30
2	Rayalseema Alkalies	3x12	27.20
3	ITPL	9	9.00
	Sub Total		117.50
D. WIND/SOLAR/OTHERS			
1	Wind mill & Solar		2157.90
2	Co-Generation		952.66
3	Bio-Mass		88.50
	Sub Total		3199.06
	IPP Project Total		6679.22
III. Karnataka's Share from Interstate Hydro Generating Station			
1	TB Dam Share (20%)	8x9	14.40
2	Priyadarshini Jurala Hydro Project (50%)	6x39.1	117.30
	Sub Total		131.70
IV. Karnataka's Share from Central Generating Station			
Sl.No	Power Stations	Units x MW	Karnataka's share of Installed capacity
A. Coal based Thermal Power Stations of M/s. NTPC			
1	Ramagundam TPS	3x200+4x500	513.76
2	Talcher Stg-II	4x500	382.80
3	Simhadri Stg-II	2x500	210.70
4	Vallur TPS	3x500	129.75
	Sub Total		1237.01
B. Lignite based Thermal Power Stations of M/s. NLC			
5	Neyveli-II-NLC	7x210	301.18
6	Neyveli TPS-I	2x210	108.11

7	Neyveli TPS-II	2x250	109.98
	Sub Total		519.27
C. Nuclear Power Generating Stations of M/s. NPCIL			
8	MAPS	2x220	31.94
9	Kaiga	4x220	248.42
10	Kudankulam	1x1000	221.00
	Sub Total		501.37
	Sub Total of CGS		2257.64
	GRAND TOTAL		15567.47