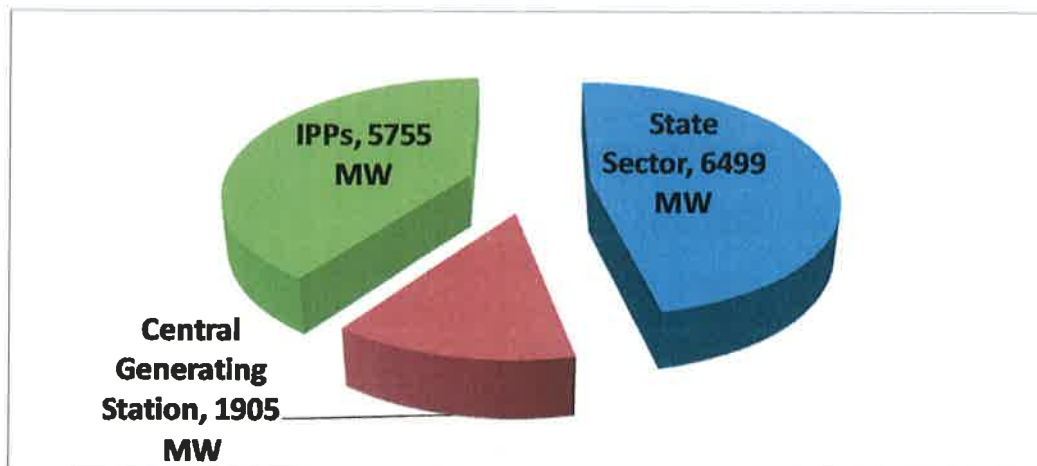


Power Scenario

- Karnataka Ranks 2nd in installed hydro capacity at 3656 MW.
- Karnataka is the 3rd largest generator of energy through Renewable Energy Source in India.
- Maximum Peak Load Met: 8877 MW on 17-01-2014
- Ownership share in Generation: State - 47%, Private sector - 40%, Central - 13%.
- Increase in private participation in generation segment from 21.55% in 2008-09 to 40% in 2013.
- Growth in Generation Capacity at 9.29% CAGR and 8.71% CAGR during 12th & 13th Plan respectively.
- Projected Peak Demand Growth 8.70% CAGR and 7.14% CAGR during 12th & 13th Plan respectively.

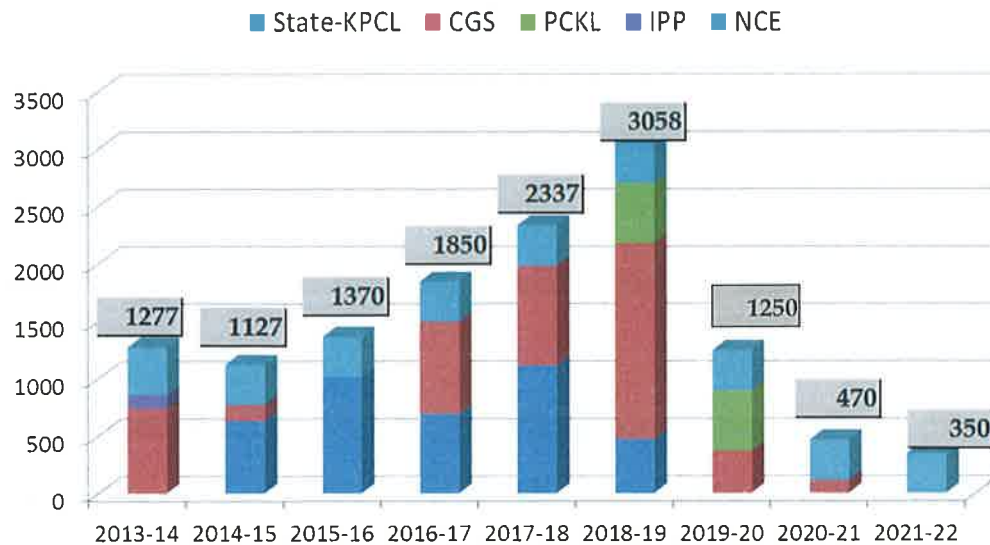
Power Generation

- Asia's 1st major hydroelectric generating station was set up in Karnataka in 1902
- Total Installed Capacity: 14159 MW (Dec- 2013) i.e. 6.2% of the total power generated in the country.



Power Generation Plan

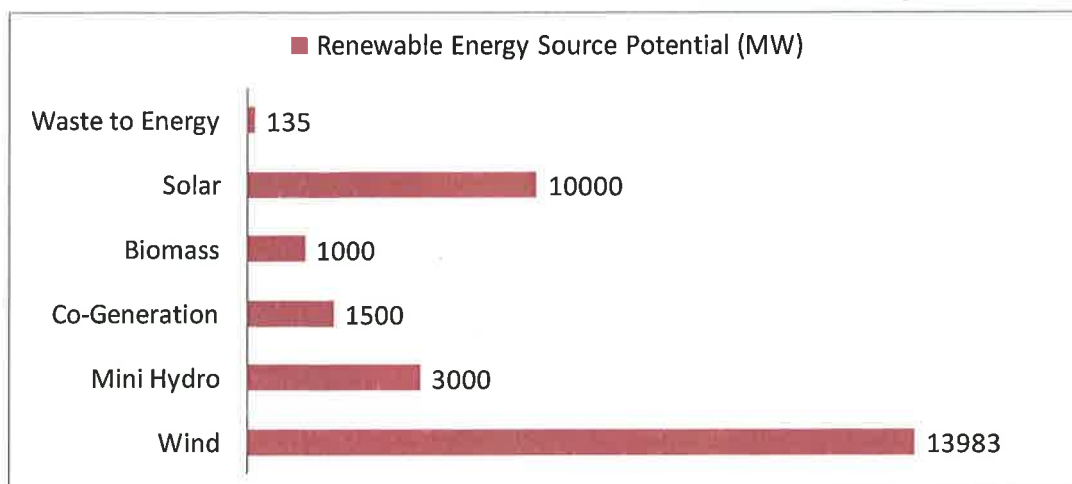
- Capacity Addition planned during 12th and 13th Plan:13089 MW



Generation.....

- Highest wind energy potential in India at 13983 MW
- Huge potential in non-conventional energy: Additional 4200MW planned by

2014 through renewable sources of energy



BIDADI COMBINED CYCLE GAS POWER PLANT

- Location: Bidadi, Bangalore District Karnataka State.
- Capacity: 1400 MW (4x350 MW)
- Annual Energy: 10424 MU (85% PLF)
- Estimate Cost of the Project: Rs.3750. crores
- Date of Commissioning: 36 Months for the zero date.
- Allotment: G.O No. DE 29 PPC 2001 dtd.30.10.2003
- Detailed Project Report(DPR) has been sent to Government of Karnataka and Ministry of power, GOI for seeking mega power status to the project.

All Clearances are obtained including MOEF.

- Land to an extent of 152 acres 30.50 guntas and 12 acres 37 guntas have been acquired from KIADB & Irrigation department respectively. Out of the above said land, and area measuring to 15 acres 12.75 guntas has been handed over to Power Grid Corporation for construction of 400/200 KV sub-station.
- The required water for the project is proposed to be drawn from the BWSSB treatment plant, Rajarajeswarinagar, Bangalore. M/s. BWSSB has conveyed its concurrence for supply of water to the project. Pipeline laying work is being taken up on tender basis.
- Power generated from Bidadi combined cycle power plant will be evacuated through 400/220 KV MUSS constructed by POWERGIRD.



Procurement of Gas

- 2.1 Million Standard Cu. Mtr/day
- 2 Acres 6 Guntas land handed over to GAIL for establishing Gas Terminal
- KPCL to procure to Gas through tendering process



Gas based projects at Bangalore

- KPCL is implementing the I & II Stage of 700 + 20% MW Gas based Bidadi Combined Cycle Power Plant with LNG as the fuel;
- Similarly, 350 MW gas based Combine Cycle Power Plant at Yelahanka is also Proposed with gas as the fuel (Rs. 1225 crores)
- The implementation period of the above projects are 36 months from the Zero date for 700 MW and 24 months for 350 MW gas based Project