

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:114

ANSWERED ON:10.07.2009

POWER GENERATION

Haque Shri Sk. Saidul;Swamygowda Shri N Cheluvaraya Swamy

Will the Minister of POWER be pleased to state:

- (a) the hydel and thermal generation of power in various parts of the country during the last three years and the current year, State-wise and year-wise;
- (b) whether the generation of power meets the existing requirements;
- (c) if so, the details thereof;
- (d) the details of targets set and the actual achievements in capacity augmentation programme of power under the public and private sectors during the Ninth and Tenth Plan periods; and
- (e) the reasons for shortfall in achieving the targets and the corrective steps taken to ensure that there is no slippage of targets in the Eleventh Plan period?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 114 TO BE ANSWERED IN THE LOK SABHA ON 10.07.2009 REGARDING POWER GENERATION.

(a) : A Statement indicating State-wise and year-wise power generation from hydro and thermal stations in the various parts of the country during the last three years (2006-07, 2007-08 & 2008-09) and the current year (April – June, 09) is enclosed at Annex.

(b) & (c) : Despite achieving growth rate of 7.3%, 6.3%, 2.7% & 5.8% in power generation during the years 2006-07, 2007-08, 2008-09 & 2009-10 (April – June, '09) respectively, there is overall shortage of power in the country. The shortages vary from State to State and season to season as well as time of day depending on the demand and supply of power. The details of power supply position in the country during the last three years and in the current year (April – June, '09) are given below:

	2006-07	2007-08	2008-09	2009-10
	(April-June, '09)			

Energy (MU)	690587	739343	777039	202238
Requirement				

Energy (MU)				
Availability	624495	666007	691038	182412

Energy (MU)				
Shortage	66092	73336	86001	19826

%	9.6	9.9	11.1	9.8
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Peak Demand (MW) 100715 108866 109809 111066

Peak Met (MW) 85818 90793 96785 97355

Peak Shortage (MW) 13897 18073 13024 13711

(%) 13.8 16.6 11.9 12.3

(d) : The capacity addition target of 40245 MW and 41,110 MW was fixed for 9th and 10th Plan respectively. As against this, the actual augmentation of capacity of 19,119 MW and 21,180 MW was achieved during 9th & 10th Plan respectively. The details of Sector-wise targets fixed & achievement for the above two Plans are as given below:

(Figures in MW)

Category	Sector	9th Plan	10th Plan
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	Target	Achievement	Target	Achievement
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Thermal	Central	7574	3084	12790	7330.00
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State	4938	5440.6	6676	3553.64
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Private	17033	5176.2	5951	1230.60
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Total	29545	13700.8	25417	12114.24
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Hydro	Central	3455	540	8742	4495.00
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State	5810	3912.25	4481	2691.00
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Private	555	86	1170	700.00
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Total	9820	4538.25	14393	7886.00
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Nuclear	Central	880	880	1300	1180.00
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All India	Central	11909	4504	22832	13005.00
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State	10748	9352	11157	6244.64
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Private	17588	5262.2	7121	1930.00
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Total	40245	19119	41110	21179.64
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(e) : The main reasons for shortfall in achieving the targets during 10th Plan are given below:

Delay and non sequential supplies / erection by suppliers / contractors.

Delay in tie-up of super critical technology by indigenous manufacturers.

Non-availability of gas / fuel.

Delay in award of works.

Projects not taken up / Escrow cover not given / financial closure not achieved / funds not tied-up.

Delay in approval of investment decision of Hydro projects.

- Delay in environmental clearance, geological surprises, natural calamities, R&R issues, delay in signing of MoU with host State, Court Cases for hydro projects.

Law & Order problems.

The corrective steps being taken during the 11th Plan include expediting Letter of Award (LOA) in respect of 11th Plan projects augmentation of annual manufacturing capacity of main plant equipment of Bharat Heavy Electricals Limited (BHEL) from 5000 MW to 10,000 MW and subsequently to 15,000 MW by December, 2009 and 20,000 MW by 2011 depending on the market demand, enhancing manufacturing capacity of power plant equipment through Joint Ventures, sensitizing stakeholders towards enlarging the vendor base so as to meet the balance of plant requirements, rigorous monitoring of the on-going projects by the Central Electricity Authority, Ministry of Power and a Power Project Monitoring Panel (PPMP).