

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

STARRED QUESTION NO:3  
ANSWERED ON:05.12.2013  
CAPACITY OF POWER GENERATION  
Hegde Shri Anant Kumar;Roy Shri Arjun

**Will the Minister of POWER be pleased to state:**

- (a) the installed capacity of power generation in the Central/State/private sectors and the percentage of power being generated under different sources in the country, separately during the year 2013-14, State/UT-wise;
- (b) the targets set and achieved for power generation from different sources during the years 2012-13 and 2013-14 including the details of power generation from coal and gas during the first half of 2013-14 as compared to the previous year along with the reasons for decline in the quantity of power generation, if any;
- (c) the power generation capacity added in the country in various sectors during the last year and the future plans chalked out by the Government to augment the power generation capacity as well as to meet the growing demand of power in the country particularly in Southern States;
- (d) the steps being taken by the Government to improve the power infrastructure in the country including Jharkhand and the power projects likely to be made operational in the country during 2013-14; and
- (e) the details of the proposals for setting up of power projects pending with the Government from various States and the time by which those are likely to be cleared?

**Answer**

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER ( SHRI JYOTIRADITYA M. SCINDIA )

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 03 TO BE ANSWERED IN THE LOK SABHA ON 05.12.2013 REGARDING CAPACITY OF POWER GENERATION.

(a) : The installed capacity of power generation in Central, State and Private Sectors for the year 2013-14, as on 31st October, 2013 is given below:

Sector	Installed Power Generating Capacity (in MW)
State	90,062
Private	72,927
Central	66,263
Total	2,29,252

During 2013-14 (April-October, 2013) the total power generated from various conventional sources was 561.593 BU. The State/UT-wise and source-wise percentage of power generation details is given at Annex-I.

(b) : The target set and achieved for power generation from different sources during the year 2012-13 and for the year 2013-14 upto October, 2013 from various conventional energy sources, namely thermal, hydro, nuclear and import of hydro power from Bhutan are given below:

Source	in Billion Unit			
	2012-13		2013-14 (upto October, 2013)	
	Target	Achievement	Target	Achievement
Thermal	7,67.275	760.676	456.434	443.648
Hydro	1,22.045	113.720	84.527	93.851
Nuclear	35.200	32.866	19.727	19.107
Bhutan Import	5.48	04.795	3.863	4.987
Total	930.000	912.057	564.551	561.593

The Details of power generation from coal and gas during the first half of 2013-14 (April-September, 2013) as compared to the

previous year 2012-13 for the same period, April-September, 2012 is given below:

Source	Total Generation (in BU)	
	2012-13 (April to September, 2012)	2013-14 (April to September, 2013)
Coal	310.83	339.79
Gas	37.83	22.82

There is no decline in power generation from coal based plants. The reason for decline in generation from gas based plants is due to less supply of gas from KG D-6 basin.

(c) : The power generation capacity added in the country in various sectors during the year 2012-13 is given below:

(In MW)			
Sector	Thermal	Hydro	Total
Central	5,023.3	374	5,397.3
State	3,911.0	57	3,968.0
Private	11,187.5	70	11,257.5
Total	20,121.8	501	20,622.8

Planning Commission has fixed a capacity addition target of 88,537 MW for the 12th Plan period to meet the growing demand of power in the country. The details are given below :

SECTOR	HYDRO	THERMAL	NUCLEAR	TOTAL				
COAL	LIGNITE	GAS	TOTAL					
CENTRAL	6,004	13,800	250	827.6	14,878	5,300	26,182	
STATE	1,608	12,210	0	1,712.0	13,922	0	15,530	
PRIVATE	3,285	43,270	270	0.0	43,540	0	46,825	
ALL-INDIA	10,897	69,280	520	2,539.6	72,340	5,300	88,537	

Out of the above target of 88,537 MW fixed for the 12th Plan period, 16,140 MW has been targeted for capacity addition in the Southern States.

(d) : The steps taken by Government to improve the power infrastructure in the country including Jharkhand are given below :

(i) Development of Ultra Mega Power Projects of 4,000 MW each to reap benefits of economies of scale.

(ii) Development of high fuel efficient supercritical coal based power plants.

(iii) Augmentation of domestic manufacturing capacity of power equipment through Joint Ventures.

(iv) Renovation, modernization and life extension of old and inefficient generation units.

(v) Strengthening and expansion of inter-state and inter-regional transmission capacity.

(vi) Strengthening of sub-transmission and distribution capacity.

(vii) Promoting energy conservation, energy efficiency and demand side management measures.

(viii) 2,080 MW has been targeted for capacity addition in Jharkhand during 12th Plan.

The power projects to be commissioned in the country during the year 2013-14 are given at Annex-II.

(e) : Details are given at Annex-III.