

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:4971

ANSWERED ON:25.04.2013

THERMAL POWER PLANTS

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

(a) whether the Government is in a position for 100 per cent utilisation of the installed capacity of power generation of the power plants;

(b) if so, the details thereof and if not, the reasons therefor;

(c) the difference between installed capacity and actual power generation from the power plants in the Public sector and Private sector during the last three years and the current year; and

(d) the steps being taken/proposed to be taken by the Union Government in the matter?

**Answer**

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

(a) & (b) : 100% utilization of Installed capacity of generation power plants is not possible, on account of various factors such as auxiliary power consumption, planned maintenance and forced outage of the plants. Also, the generation from plants depends on required schedule of power depending upon demand, availability of fuel, transmission constraints & outage of units. In case of hydro, availability of water is also a factor.

(c) : The installed capacity is measured in Mega Watt (MW) and actual power generation from the power plant during a year is measured in Million Unit (MU). The installed capacity (MW) and actual power generation (MU) from the power plants in Public sector and Private sector during the last three years and the current year are as under:

YEAR    Installed Capacity (MW) as on    Actual Generation during  
31st March of the year    the year # (MU)

	Private Sector	Public Sector	Private Sector	Public Sector
	Cent ral	State ral#	Cent ral	State ral#
2012	68859.04	65359.94	89124.62	183963.85
-13	380636.57	347051.89		
2011	59121.73	54029.43	86725.87	139646.58
-12	369289.17	367952.73		
2010	35449.70	50759.43	87417.28	116139.81
-11	351701.43	343301.55		
2009	29014.01	47479.43	82905.05	93634.47
-10	329642.47	348273.64		

# Excludes generation from stations up to 25 MW.

# Includes imports from Bhutan

(d) : Steps have been taken / proposed to be taken by the Government to improve generation to the extent possible are:

Better operation and Maintenance of plant. Adoption of more efficient Super critical technology for thermal power generation.

Renovation, modernization and life extension of old power generating units.

Retirement of inefficient thermal generation units.

Promoting energy efficiency in existing thermal power plants.