

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:954
ANSWERED ON:29.11.2012
POWER GENERATION .
Ray Shri Saugata

Will the Minister of POWER be pleased to state:

- (a) the total power generation in both the Hydel and Thermal sectors in the country by the end of the current Five Year Plan as against the installed capacity in this regard;
- (b) the comparative ratio of power availability and its consumption in the industrial, agricultural and domestic sectors as against the demand thereof; and
- (c) the comparative rise in the cost of power generation and the rise in the power tariffs in the country?

Answer

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

(a) : As per 18th Electric Power Survey (EPS) report, the projected all- India peak demand and energy requirement at the end of 12th Plan (2016-17) is 199,540 MW and 1354.874 BU respectively at power station bus-bar. To meet this projected demand, capacity addition of 88,537 MW is required during 12th Five Year Plan from conventional sources including thermal and hydro. In addition, the installed capacity of grid-interactive renewable sources of power generation is expected to be about 54,000 MW at the end of 12th Plan period. This capacity is expected to be adequate to generate power to meet the stipulated energy requirement (net) at the end of the current Five Year Plan period.

(b) : As per All India electricity statistics General Review ratio of All India electrical energy sales to ultimate consumers category-wise (utilities) for the year 2009-10 and 2010-11 are given below:-

Sl. No. Category Percentage of total electrical energy sold

	2009-10	2010-11
1. Domestic	24.90	25.17
2. Agriculture	20.98	20.48
3. Industrial Power	36.73	36.47
4. Others	17.39	17.88
Total	100.00	100.00

Others include electric energy sales of categories like commercial, public lighting, railways, public water works and sewage, pumping and miscellaneous.

(c) : As per the Planning Commission's Annual Report 2011-12 on the Working of State Power Utilities & Electricity Departments, the average tariff has increased in the past few years but the rise has not been commensurate with the increase in the cost of power supply.

Average cost of power supply and average tariff realized from 2007-08 to 2011-12 is given in the table as under:

(Paise/kWh)

Description	2007-08	2008-09	2009-10	2010-11	2011-12
	(Revised Estimate)	(Projected)			
Average Cost of Power Supply	404	462	478	484	487
Average Tariff	305	325	333	357	380

