

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:2100
ANSWERED ON:22.08.2013
SOURCES OF POWER GENERATION
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Will the Minister of POWER be pleased to state:

- (a) the details of the sources from which power is generated in the country along with the total installed capacity of each source of power and the weighted average tariff from all sources;
- (b) the details of the gas based power plants, their installed capacity in Mega Watts and as a percentage of the total production of power in the country;
- (c) the weighted average selling price of power from the gas based power plants; and
- (d) the lowest and highest power tariff recorded so far?

Answer

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

(a) : The details of conventional sources from which power is generated in the country along with the total installed capacity as on 31st July, 2013 and weighted average rate of sale of power from generating station to Power Utilities in 2011-12 of each source of power is given below :

Source	Installed generation capacity in MW (as on 31.07.2013)	Weighted average rate of sale of power from generating station to Power Utilities in 2011-12 (Rs./ kWh)
(1) Thermal		
(i) Coal	1,32,288.39	3.04
(ii) Gas	20,359.85	3.76
(iii) Diesel	1,199.75	8.98
TOTAL (Thermal)	1,53,847.99	3.13
(2) Nuclear	4,780.00	2.53
(3) Hydro	39,623.40	2.34
GRAND TOTAL	1,98,251.39	2.97

(b) : Details of the gas based power plants with installed capacity are enclosed as Annex. The total gross generation in the country and generation from gas based power stations and its percentage of total gross generation in the country is given below :

Year	Gross generation (BU)	Generation from gas based power stations (BU)	Gas based generation % of total gross
2012-13	912	66.83	7.33
2013-14 (April-July, 2013)	319	16.28	5.10
#Provisional			

(c) & (d) : Weighted average selling price of power from the gas based power plants in 2011-12 is Rs.3.76 per kWh. The lowest selling price of power from the gas based power plants operating on gas and Regassified Liquid Natural Gas (R-LNG) is Rs.1.92 per kWh for Namrup Combined Cycle Power Plant and the highest is Rs.4.88 per kWh for IP CCPP (Indraprastha Combined Cycle Power Plant).