

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

UNSTARRED QUESTION NO:1220
ANSWERED ON:05.03.2013
POWER GENERATION THROUGH COAL
Kumar Shri Vishwa Mohan

Will the Minister of COAL be pleased to state:

- (a) whether the dependence on coal for power generation in the country has increased manifolds during the last decade;
- (b) if so, the current percentage of power generation in the country from various renewable and non-renewable sources viz hydro-energy, wind, nuclear, solar, diesel etc;
- (c) if so, the details thereof including the available coal reserves in the country at present;
- (d) whether the Government proposes to increase the coal production in the next five years to meet the needs for power generation in the country; and
- (e) if so, the estimated power requirement in the country by 2015 through coal and likely production of coal till then?

Answer

MINISTER OF STATE IN THE MINISTRY OF COAL (SHRI PRATIK PRAKASHBAPU PATIL)

(a): Yes, Sir. The coal consumption has increased from 240.4 Million Tonne in 2001-02 to 417.6 Million Tonnes in 2011-12 for coal based power generation.

(b)&(c):During the year 2012-13 (upto Jan, 2013), the details of mode wise generation and percentage breakup as being monitored in Central Electricity Authority is given below:

Source Generation in Billion Units (BU) Percentage (%)

Thermal

Coal 544.5 71.4

Lignite 26.3 3.5

Gas/Liquid Fuel 58.7 7.7

Diesel 1.9 0.2

Total Thermal 631.4 82.8

Hydro 99.1 13.0

Nuclear 27.5 3.6

Bhutan 4.7 0.6

Total 762.7 100

The total Geological Reserves as on 1.4.2012 are 293.49 billion tonnes.

(d):Yes, Sir. Government has proposed to increase the coal production in the next five years to meet the needs for power generation in the country. As per the 12th Five Year Plan the coal production is envisaged to increase to 795 million tonnes in 2016-17 the terminal year of the 12th Five Year Plan from the actual coal production of about 540 million tonnes achieved in 2011-12 the terminal year of the 11th Plan. This implies a growth in coal production of 8% Compounded Average Annual Growth Rate (CAGR) during the 12th Plan period compared to the actual growth of 4.6 (CAGR) in the 11th Plan.

(e):The power requirement from coal based Power Plants is estimated around 967 Billion Units (BU).