

**GOVERNMENT OF INDIA  
ENVIRONMENT AND FORESTS  
LOK SABHA**

UNSTARRED QUESTION NO:5264  
ANSWERED ON:28.04.2010  
CARBON EMISSION BY COAL BURNING PLANTS  
Owaisi Shri Asaduddin

**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether the power sector accounts nearly 60% of carbon emission as nearly 2/3rd of electricity is generated by coal burning plants in the country;
- (b) if so, the details thereof; and
- (c) the steps taken/likely to be taken by the Government in this regard?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS(SHRI JAIRAM RAMESH)

- (a) The Power sector approximately accounts for 60% of the total carbon dioxide emissions generated in the country.
- (b) Thermal power generation accounts for approximately 64% of the total power generation in the country. Further coal, gas and diesel based power generation contributes approximately 82%, 17% and 1% of thermal generation respectively.
- (c) The Government has taken a number of steps for efficient use of coal in thermal power stations that include, inter alia, use of super critical boiler technologies, coal washing, coal blending and setting up of electricity regulators to enforce optimum generation and transmission of electricity. Besides, Renovation and modernization of old thermal power stations is undertaken to enhance their efficiencies. Hydro power policy has also been revised recently to encourage investment in this sector.