

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

UNSTARRED QUESTION NO:582

ANSWERED ON:28.07.2010

GREEN HOUSE GAS EMISSION

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

- (a) whether the Green House Gas Emission in India has increased considerably during the period from 1994 to 2007;
- (b) if so, the details thereof;
- (c) whether the government has signed any international agreement on emission of green house gases;
- (d) if so, the details thereof; and
- (e) the steps taken/being taken by the Government to check the emission of Green House Gases?

Answer

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

(a)& (b) The Green House Gas emissions including emissions from Land Use, Land Use Change and Forestry (LULUCF) in India has increased to 1.72 billion tonnes CO₂ equivalent in 2007 from 1.23 billion tonnes CO₂ equivalent in 1994.

(c) & (d) India has not signed any international agreement on emission of greenhouse gas, however it has voluntarily stated that it will endeavor to reduce the emissions intensity of its GDP by 20-25% by 2020 in comparison with the 2005 level. This has been communicated by the Government to the United Framework Convention on Climate Change (UNFCCC) under the Copenhagen Accord.

(e) The Government has constituted an Expert Group on Strategy for a Low Carbon Economy under the chairmanship of Shri Kirit Parikh. The group shall submit its final Report by September 2010.

Also, 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.