

**GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA**

UNSTARRED QUESTION NO:417

ANSWERED ON:01.12.2015

Reduction in Emission

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

- (a) whether the Government proposes to cut the emission of green house gases upto 35 per cent by the year 2030 from the level of 2005;
- (b) if so, the details thereof;
- (c) whether the Government has set the target to increase the production of renewable energy upto 40 per cent and reduction in emission of carbondioxide by three billion tonnes;
- (d) if so, the details thereof; and
- (e) the steps being taken to achieve the said emission cut/target for production of renewable energy?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI PRAKASH JAVADEKAR)

(a) & (b) India is a party to the United Nations Framework Convention on Climate Change (UNFCCC). All Parties to UNFCCC have been requested to submit their Indented Nationally Determined Contributions (INDCs) towards addressing climate change. Accordingly, India has submitted its INDCs which envisages reduction of carbon intensity of its GDP by 33 to 35 percent from 2005 levels by 2030.

(c) & (d) INDCs submitted by India envisages that about 40 percent of its cumulative electric power installed capacity shall come from non-fossil fuel based energy sources by 2030. The target will be achieved with the help of transfer of technologies and low cost international finance including the Green Climate Fund (GCF).

(e) The Government of India has initiated number of steps to enhance the capacity of renewable energy. It has setup the National Clean Energy Fund (NCEF) by levying a cess of ? 200 per tonne of coal produced domestically or imported, for the purpose of financing and promoting clean energy activities. It has proposed massive increase in renewable energy from 35 GW (upto March 2015) to 175 GW by 2022 through National Solar Mission and other activities in Wind, Biomass, and Small Hydro. The renewable energy capacity envisaged are: Solar: 100 GW, Wind: 60 GW, Biomass: 10 GW and Small Hydro:5 MW.
