

Targets and measures for reducing emission intensity

2359. SHRI DEREK O' BRIEN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of Government's target and proposed measures to reduce India's emission intensity;
- (b) the proposed contribution of different forms of alternative energy sources towards these targets; and
- (c) the steps taken to reduce the price of alternative energy sources to encourage its use?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) On 2 October, 2015 Government of India released "India's Intended Nationally Determined Contribution: Working Towards Climate Justice". This document outlines the post-2020 climate actions that includes aim to reduce the emissions intensity of its GDP by 33 to 35 per cent by 2030 from 2005 level; and to achieve about 40 per cent cumulative electric power installed capacity from non-fossil fuel based energy resources by 2030 with the help of transfer of technology and low cost international finance including from Green Climate Fund (GCF).

Government has formulated the National Action Plan on Climate Change (NAPCC) to deal with the climate change related issues. NAPCC comprises eight Missions in specific areas of solar energy, enhanced energy efficiency, habitat, water, sustaining Himalayan Ecosystems, forestry, agriculture and strategic knowledge for climate change. Further, 32 States/Union Territories have prepared State Action Plans on Climate Change consistent with the objectives of NAPCC.

(b) India has set renewable power deployment target to a cumulative capacity of 175 GW by the year 2022, which includes 100 GW from solar and 60 GW from wind.

(c) Steps taken to reduce the price of renewable energy sources includes focused research and development, concessional finance, capital and/or interest subsidy, price discovery through reverse bidding in solar, accelerated depreciation, and concessional excise and custom duties.

Setting-up of wind power projects

2360. DR. K. V. P. RAMACHANDRA RAO: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether it is a fact that Government is planning to set up 1,000 MW wind power projects throughout the country;