

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2012
ANSWERED ON:08.03.2013
TARGETS OF NAPCC
Deo Shri Kalikesh Narayan Singh

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether India will be able to achieve the National Action Plan on Climate Change (NAPCC) target of 15 per cent renewable energy share in total power generation in the country;
- (b) if so, the details thereof along with the time schedule of goals and corresponding achievements;
- (c) State/UT-wise list of achievements with regard to Renewable Energy Purchase Obligation (REPO);
- (d) the efforts made by the Government to increase the share of renewable energy in the country's electricity mix under the 12th Five Year Plan; and
- (e) the time-frame fixed for capacity additions and the impact of such capacity additions on renewable share in total energy mix?

Answer

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b):The National Action Plan on Climate Change (NAPCC) has not set any targets for share of renewable energy in the total power generation in the country. It suggests that starting 2009-10, the national renewables standard may be set at 5 percent of total purchase of grid electricity, to increase by 1 percent each year for the next 10 years.

As per Central Electricity Authority's estimates the share of renewable power in total electricity mix in 2011-12 and during the period April-August 2012 was 5.52 percent and 7 percent respectively, which was broadly in line with the suggestions for the share of renewable power in the electricity mix made in NAPCC.

(c):As per available information during 2011-12, the states of Himachal Pradesh, Karnataka, Tamil Nadu and Tripura achieved non-solar Renewable Purchase Obligation.

(d)&(e):As per the Planning Commission a capacity addition of around 118.5 GW is proposed during 12th Five Year Plan period (2012-17). Of this the share of renewable power is 30 GW or around 25 percent of the total proposed capacity addition.