

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

UNSTARRED QUESTION NO:2008

ANSWERED ON:04.12.2014

RENEWABLE ENERGY GENERATION

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

- (a) whether the Government has carried out any comprehensive assessment of the potential of renewable energy in the country;
- (b) if so, the details thereof, State-wise and the quantum of electricity generated from renewable sources out of the total electricity produced in the country and its percentage;
- (c) the details of projects launched / proposed to be launched for the development of sources of new and renewable energy in the country in each State including Rajasthan and Union Territories and the status of their implementation;
- (d) the targets fixed for generation of electricity from various renewable sources in the country and achievements made in this regard along with the funds allocated, released and utilized by each State/Union Territory including Rajasthan during each of the last three years and the current year; and
- (e) the details of proposals for power generating projects on renewable sources received by the Government from each State/ Union Territory including Rajasthan during the above period and the number of such proposals approved and still lying pending with the Government and the time by which the said proposals are likely to be approved?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): Yes, Madam. Ministry of New and Renewable Energy (MNRE) has got an assessment of about 2,45,000 MW power generation potential estimated from various renewable energy sources in the country. This includes over 1,00,000 MW each from Wind and Solar Energy, 20,000 MW from Small Hydro Power and balance 25,000 MW from Bio-energy sources. The potential of renewable energy sources in different states/ regions including the state of Rajasthan, are dependent on resource, region and local conditions that vary widely.

State-wise details of estimated potential is given in Annexure-I. During 2013-14, the contribution of renewable energy was 53.22 billion units which is around 6.5% of the total power generated in the country.

(c)&(d): MNRE has set a target of capacity addition of 29,800 MW from various renewable sources during the 12th Five Year Plan Period in all the states including the state of Rajasthan. The target comprises of 15,000 MW from wind, 10,000 from solar, 2,100 MW from small hydro and 2,700 from bio-power. State-wise targets for power generation from renewable are not fixed. The state-wise details of funds released and achievement are given in Annexure-II and III respectively.

(e): Proposals are received from State Governments and UT Administrations for sanction of the eligible central finance assistance (CFA) for different categories of end users and beneficiaries (government bodies / private developers / industry / NGOs / individuals) under various schemes and programmes of the Ministry for promotion of grid-interactive renewable power projects as well as off-grid, decentralized renewable energy systems. The details of proposals pending for sanction of off-grid and decentralized solar applications programme and programme on energy on urban, industrial and agricultural waste/residues are given in Annexure-IV. Such proposals are received on a regular basis and those found complete in all respects as per guidelines are approved for sanction and disbursement of eligible CFA in line with provisions of the respective schemes/programmes subject to availability of funds.