

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

STARRED QUESTION NO:31
ANSWERED ON:06.12.2013
POWER FROM RENEWABLE SOURCES
Pakkirappa Shri S.;Singh Shri Ravneet

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

- (a) whether the Government has conducted a comprehensive assessment of renewable energy potential in the country;
- (b) if so, the details thereof, source-wise and the contribution of renewable energy in the total power being generated in the country;
- (c) the details of the projects undertaken/proposed to be undertaken by the Government for the development and tapping the potential of new and renewable energy sources in the country, State/UT-wise including Punjab;
- (d) the details of the targets set and the achievements made in power generation from various renewable energy sources in the country along with the funds allocated/released and utilised thereunder during each of the last three years and the current year, State/UT-wise including Punjab; and
- (e) the details of the proposals for renewable energy based power generation projects received, approved and pending for approval of the Government so far along with the time by which the pending proposals are likely to be approved. State/UT-wise?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a),(b),(c),(d)&(e): A Statement is laid on the Table of the House.

Statement

Statement referred to in reply to parts (a),(b),(c),(d)&(e) of the Lok Sabha Starred Question No. 31 for answer on 06.12.2013 regarding Power Generation from various Renewable Energy Sources.

(a)&(b): Assessment of renewable energy potential is an on-going exercise. So far, a potential of about 2,45,000 MW has been estimated from different renewable energy sources which include over 1,00,000 MW each from Wind & Solar Energy, 20,000 MW from Small Hydro Power (SHP) and balance 25,000 MW from different Bio-energy sources. The total installed capacity of power generation in the country is 2,30,600 MW.

This includes 29,537 MW from renewable energy sources and corresponds to 12.8% of the total power generation capacity.

(c): The Renewable Energy based power projects are mostly set up by the private sector. The Government only provides some fiscal and financial incentives to set up such projects. State-wise (including Punjab) and technology-wise installed capacity of renewable energy power projects is given at Annexure-I.

(d): A capacity addition of 11,262 MW, against a target of 10,522 MW, has been achieved from various renewable energy sources during the last 3 years. During 2013-14, a capacity addition of 1468 MW has been achieved till 31.10.2013 against the target of 4325 MW. Source-wise physical and financial targets and achievements are given at Annexure-II. State-wise physical and financial targets for the power generation from renewable are not fixed. State-wise renewable power generation capacity added and funds released during the last 3 years and current year (as on 31.10.2013) are given in Annexure-III and Annexure-IV respectively.

(e): Proposals are received from project developers for sanction of the eligible Central Financial Assistance (CFA) under various schemes and programmes of the Ministry. 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, subject to availability of funds.