

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

UNSTARRED QUESTION NO:2544

ANSWERED ON:12.03.2010

POTENTIAL OF RENEWABLE ENERGY SOURCES

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

- (a) the percentage of energy being generated from renewable energy sources out of the total power generation in the country at present;
- (b) whether the Government has made any assessment of the potential of renewable energy sources in the country;
- (c) if so, the details thereof;
- (d) whether several proposals from the State Governments including Maharashtra for the grant of financial assistance are pending for approval with the Union Government; and
- (e) if so, the details thereof and the time by which these proposals are likely to be approved?

Answer

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

- (a): A total grid-interactive power generation capacity of 15,789 MW has been installed from renewable energy sources in the country as on 31.1.2010, which corresponds around 9% of the total power generation capacity installed from all sources in the country.
- (b) & (c): Yes, Madam. A potential of around 90,000 MWeq for energy / power generation from different renewable energy sources (excluding solar) in the country has been estimated, as per the details given in the Annexure. The potential for solar energy is estimated for most parts of the country at around 20 MW per square kilometer of open, shadow free area covered with solar collectors.
- (d) & (e): Proposals for grant of central financial assistance under the Ministry's schemes/ programmes are received on an ongoing basis through State Governments / designated State Nodal Agencies. At times, these proposals are found to be incomplete or not in line with the provisions of the schemes / programmes. Complete proposals in line with the schemes/ programmes are considered and approved subject to budget provisions.