

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

UNSTARRED QUESTION NO:1275

ANSWERED ON:30.11.2012

EXPLORATION OF NON CONVENTIONAL ENERGY

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

- (a) whether the Government proposes to explore non-conventional sources of energy on large scale to bring out the States including Bihar and Kerala from power crisis;
- (b) if so, the State-wise details in this regard;
- (c) whether Government has formulated any plan to augment the solar power generation to meet the power crisis in the country;
- (d) if so, the details thereof and the time by when;
- (e) the details of the potential places and fields identified for the purpose including status of the proposal;and
- (f) the quantity of power likely to be generated from the new initiatives?

Answer

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

(a)&(b): The total installed capacity of renewable energy based power in the country is 26,267 MW. State-wise details are given in Annexure. A capacity addition of 30,000 MW is targeted from renewable energy during the 12th Plan period. The contribution of renewable energy based power generation is likely to be in the range of 6-8% in the total electricity mix of the country and major part of power generation would continue to come from thermal and hydro power.

(c)&(d): The Government is implementing the Jawaharlal Nehru Solar Mission (JNNSM), to promote harnessing/utilization of solar energy for power generation and other applications in the country. The Mission envisages installation of 20,000 MW capacity by the year 2022.

(e)&(f): Solar projects /systems can be installed throughout the country. The places receiving higher direct solar insolation are better suited for installation solar power projects. A target of 10,000 MW has been fixed for solar power projects during the 12th Plan. So far, 1045 MW of solar power projects have been installed in the country. State-wise details are given in Annexure.