

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

UNSTARRED QUESTION NO:1590
ANSWERED ON:04.03.2011
RENEWABLE ENERGY CAPACITY
Paswan Shri Kamlesh

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

- (a) whether the Government's recent strategy paper estimates that only 35,000 MW new renewable energy capacity would be added to increase the share of renewable energy in total electricity mix to 6.4 per cent by 2022;
- (b) if so, whether given the current pace of renewable energy development in the country, the above estimate is likely to be exceeded even in the absence of any special measures by the Government;
- (c) if so, the details, thereof?
- (d) whether the recent amendment in the Tariff Policy, which prescribes 3 per cent share of solar power by 2022 corroborates the view that the above 6.4 per cent estimate will be exceeded;
- (e) if so, whether the Government proposes to revise the strategy paper to put forward a bold and ambitious vision for renewable energy to ensure long-term energy security of the country; and
- (f) if so, the details, thereof?

Answer

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

- (a): The strategy paper estimates that about 55,000 MW new renewable energy capacity (20,000 MW from solar and about 35,000 MW from other renewable energy sources) would be added (to the capacity of about 18,000 MW existing in Sep 2010) to increase the share of renewable energy in total electricity mix to 6.4 per cent by 2022.
- (b)&(c): Given the present stage of development of various renewable energy technologies and current estimates of available renewable energy potential in the country, it is unlikely that the above estimate will be exceeded unless every State mandatorily takes Renewable Power Obligation (RPO).
- (d),(e)&(f): The estimate of 6.4 percent is not likely to be exceeded unless
 - (i) the Tariff Policy is backed by adequate Renewable Purchase Obligation (RPO) provisions at the State level, fixation and enforcement of which falls under the purview of the State Governments; and
 - (ii) technological advancements particularly in solar power technology take place to make it competitive.