

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) The electricity generated from wind power projects is close to achieving grid-parity with conventional electricity. Details of tariffs notified by SERCs of States which have significant wind power potential is given in Statement (*See* below).

(c) Yes, Sir. The target for wind power capacity addition during the Twelfth Five Year Plan has been set at 15000 MW as against a target of 9000 MW during the Eleventh Five Year Plan.

(d) The target for wind power capacity addition during 2012-13 has been set at 2500 MW.

(e) The total installed capacity from wind energy at present is 18635 MW, of which a capacity of 1282 MW was added during 2012-13.

***Statement***

*Tariffs Notified by SERCs for Wind Energy*

State	Buy back rate (Rs. per Kwh)
Andhra Pradesh	4.70
Karnataka	3.70
Madhya Pradesh	4.35
Maharashtra	3.78-5.67 (depending upon wind zone)
Rajasthan	5.18 - for Jaisalmer area 5.44 - for rest of Rajasthan
Tamil Nadu	3.51
Gujarat	4.15
Kerala	4.77
Orissa	4.48

**Capacity addition in wind energy generation**

2289. SHRI N.K. SINGH:

DR. JANARDHAN WAGHMARE:

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

- (a) whether it is a fact that the capacity addition in the generation of wind energy has fallen during the last year;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether Government is planning any measures and incentives to increase investment in generation of wind energy; and
- (d) if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) No, Sir. A capacity of 3196 MW of wind power was installed during the last Financial Year *i.e.* 2011-12. As a matter of fact, first time in the country, the annual capacity addition of wind power crossed the figure of 3000 MW.

(b) Question does not arise.

(c) and (d) Yes, Sir. The Government is promoting wind power projects through private sector investment by providing fiscal and promotional incentives such as concessional import duty on certain components of wind electric generators, excise duty exemption to manufacturers. 10 years tax holiday on income generated from wind power projects is also available. Loans for installing windmills are available from Indian Renewable Energy Development Agency (IREDA) and other Financial Institutions. Technical support including wind resource assessment is provided by the Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided in potential states.

#### **Establishment of solar energy plants in Bihar**

‡2290. DR. ANIL KUMAR SAHANI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government proposes to establish solar energy plants in Bihar; and
- (b) if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) The Government is promoting establishment of utility scale solar power generation plants under Jawaharlal Nehru National Solar Mission (JNNSM) across the country including the State of Bihar. The plants are being set

‡Original notice of the question was received in Hindi.