

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

UNSTARRED QUESTION NO:2578
ANSWERED ON:12.03.2015
WIND POWER GENERATION
Nayak Shri B.V.

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

- (a) whether India is fast moving in generation of wind power;
- (b) if so, the targets thereof during the current Five Year Plan;
- (c) the action plan to exploit this sector in the coastal regions which have vast potential of this power;
- (d) whether India is also emerging as a key hub for wind turbines;
- (e) if so, the annual wind turbine capacity of the country, inter-alia indicating its action plan to boost this capacity; and
- (f) the status of export of such turbines from the country?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): Yes, Madam.

(b): A target of 15000 MW has been kept for current Five Year Plan.

(c): The Government is promoting wind power projects in the country including coastal regions, through private sector investment by providing fiscal and promotional incentives such as Accelerated Depreciation benefit, concessional custom 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. A Generation Based Incentive (GBI) is available for the projects not availing Accelerated Depreciation benefit, under which Rs. 0.50/unit generated is provided with a ceiling of Rs. 1.00 crore per MW. Loans for installing wind power projects are available from Indian Renewable Energy Development Agency (IREDA) and other Financial Institutions. Technical support including wind resource assessment and identification of potential sites is provided by the National Institute of Wind Energy (NIWE, erstwhile C-WET), Chennai. This apart, preferential tariffs are being provided in wind potential states.

(d): Yes, Madam.

(e): There are 20 manufacturers of wind turbines with 58 different models ranging from 250 kW to 2.65 MW capacity. The present annual production capacity in the country is around 3500 MW, which can be expanded upto 9500 MW.

(f): Wind turbines and its components are being exported to developed countries. In the financial year 2013-14, an export of around US\$500 million was made.