

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

UNSTARRED QUESTION NO:3186  
ANSWERED ON:31.07.2014  
PROMOTION OF WIND ENERGY  
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**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

- (a) whether the Government has implemented a fresh production based promotional scheme for wind energy production;
- (b) if so, the details thereof, State-wise;
- (c) whether the Government has assessed the availability of wind resources in the country;
- (d) if so, the details thereof, State/UT-wise; and
- (e) the steps taken by the Government to exploit the potential of wind energy effectively?

**Answer**

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

(a): Yes, Madam.

(b): A Generation Based Incentive (GBI) scheme for wind energy is under implementation in the country. Under the scheme, an incentive of ` 0.50 per unit of electricity generated is provided with a ceiling of ` 1.00 crore per MW. The total incentive is to be availed in more than 4 years and less than 10 years. A total capacity of 4808 MW has been registered under GBI scheme. The state-wise break-up is given in Annexure-I.

(c): Yes, Madam.

(d): A wind resource assessment programme has been implemented by Ministry through the Centre for Wind Energy Technology (C-WET) to estimate the wind potential in the country and identify suitable sites of installation of wind power programme. A total of 790 sites have so far been assessed in view of wind potential availability. A total wind power potential in the country has been estimated at 1,02,788 MW at 80 M hub height. State-wise break-up of wind potential is given at Annexure-II.

(e): The government is promoting wind power projects through private sector investment by providing fiscal incentives such as concessional import duty on certain components of wind electric generators, excise duty exemption to manufacturers and 10 years tax holiday on income generated from wind power projects. 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. Feed-in- tariff is being provided in potential states to provide assurance to investors. The Ministry has announced a Generation Based Incentive (GBI) under which ` 0.50/unit generated from wind power projects is provided to the projects with a ceiling of ` 1.00 crore per MW.