

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

UNSTARRED QUESTION NO:1448

ANSWERED ON:13.12.2013

POWER THROUGH WIND FARMS

Das Shri Bhakta Charan;Sivakumar Alias J.K. Ritheesh Shri K.;Solanki Shri Makhansingh

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

- (a) the total quantum of generation of power through wind energy at present along with its share to the power sector in the country, State/UT-wise;
- (b) whether the Government proposes to enhance the generation of power from wind energy during the 12th Five Year Plan and if so, the details thereof;
- (c) whether the Government has chalked out any scheme to encourage private sector to generate power through wind farms;
- (d) if so, the details thereof along with concession/exemptions given to State/private wind power production companies during the last three years and the current year, State/UT-wise; and
- (e) whether the Government has conducted any survey for identifying the areas for setting up of wind energy projects in the country and if so, the details thereof, State/UT-wise?

Answer

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

(a): A total wind power capacity of 19934 MW has been established upto October, 2013, which is around 8.72% of entire power sector in the country. State-wise details are given at Annexure-I.

(b): Yes, Madam. A target of 15000 MW wind power capacity addition has been set for 12th Plan period as against a target of 9000 MW in 11th Plan period.

(c)&(d): Yes, Madam. A Generation Based Incentive (GBI) scheme is available to encourage the private sector to invest in projects to generate power through wind energy. Under the scheme, Rs.0.50 is provided per unit of energy generated subject to a ceiling of Rs.1.0 crore per MW. A total of Rs.315.20 crore has been released for GBI scheme in last three years and the current year.

In addition, the Government also provides 10 years' tax holiday on income generated from wind power projects. Benefit of 80% accelerated depreciation was available to wind power projects up to the year 2011-12. Loans for installing windmills are available from the Indian Renewable Energy Development Agency (IREDA) and other financial institutions. This apart, feed-in-tariff is being provided in potential states for generation of wind energy.

(e): Yes, Madam. The Ministry through the Centre for Wind Energy Technology (C-WET), Chennai has conducted wind resource surveys for identifying the locations for setting up of wind power projects in the country. A total 746 wind monitoring stations have been established in the country in 31 States/UTs. The details are given at Annexure-II.