

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

STARRED QUESTION NO:24
ANSWERED ON:20.11.2009
WIND ENERGY GENERATION
Panda Shri Baijayant

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

- (a) the status of wind energy generation in the country at present;
- (b) whether the Government has prepared any action plan to exploit the potential of generating power from wind in the country;
- (c) if so, the details thereof;
- (d) whether the present incentives admissible to entrepreneurs are adequate to attract them in the field;
- (e) if not, whether the Government proposes to provide any fresh incentives to the industrial sector to increase wind energy generation; and
- (f) if so, the details thereof?

Answer

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

(a),(b),(c),(d),(e)&(f): A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN THE REPLY TO THE STARRED LOK SABHA QUESTION NO.24 FOR 20.11.2009 ON "WIND ENERGY GENERATION"

(a): A total wind power capacity of about 11,000 MW has been installed in the country so far.

(b): Yes, Sir.

(c): The wind power potential in the country is estimated at about 48000 MW. Since early nineties, the Government has been promoting commercial grid connected wind power projects through private sector investment by providing fiscal incentives, such as accelerated depreciation, concessional import duty on certain components of wind electric generators, excise duty exemption, ten years' tax holiday on income generated from wind power projects, and loan from Indian Renewable Energy Development Agency (IREDA) and other financial institutions. Technical support, including detailed wind resource assessment to identify further potential sites, is provided by Ministry's Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided to increase wind energy generation in the potential States. A target of 9,000 MW of wind power has been set for the 11th Plan period.

(d): Yes, Sir.

(e)&(f): However, in order to broaden the investor base by attracting independent power producers and foreign direct investment companies to the wind sector, the Government is considering a scheme to provide Generation Based Incentive (GBI) over and above the tariff given by respective states, for the electricity fed into the grid by the wind turbines set up till the end of 11th plan period.