

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

UNSTARRED QUESTION NO:8
ANSWERED ON:13.02.2009
WIND ENERGY GENERATION
Kaswan Shri Ram Singh

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

- (a) the total increase in wind energy generation during each of the last three years, State-wise;
- (b) whether the wind energy generation in India is much less than that of China, U.S.A. and Spain;
- (c) if so, the reasons therefor; and
- (d) the steps taken/proposed to be taken by the Government to increase wind energy generation in the Country?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR)

(a): A total of 26.95 billion units of electricity was generated from wind power projects during the last three years viz., 2005-06 to 2007-08. The State-wise details during the last three years are given in Annexure.

(b)&(c): India, having the installed capacity of 9645 MW, occupies fifth position in the world at the end of 2008, after USA, Germany, Spain and China with installed capacity of 25,170 MW; 23,900 MW; 16,754 MW and 12,210 respectively. The capacity addition in wind power depends on various factors such as quality of wind potential, incentives mechanism, feed in tariff, higher percentages of commitments for renewable energy including wind energy, manufacturing cost, etc.

(d): The Steps taken by the Government to promote setting up of commercial wind power projects through private sector investments include fiscal incentives such as concessional import duty on certain components of wind electric generator, excise duty exemption, ten years' tax holiday on income generated from wind power projects, benefit of accelerated depreciation and loan from Indian Renewable Energy Development Agency (IREDA). Technical support, including detailed wind resource assessment to identify further potential sites, is provided by the Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided for wind power by potential States.