

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

UNSTARRED QUESTION NO:5716

ANSWERED ON:30.04.2010

WIND POWER GENERATION

Chavan Shri Harischandra Deoram;Kashyap Shri Virender;Majumdar Shri Prasanta Kumar;Paranjpe Shri Anand Prakash;Pradhan Shri Nityananda;Rajesh Shri M. B.;Rao Shri Nama Nageswara;Semmalai Shri S. ;Thakur Shri Anurag Singh

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

- (a) whether the Government has made any assessment of the potential of wind power generation in the country;
- (b) if, so the details thereof;
- (c) whether the targets fixed for the generation of wind power in the country during the Eleventh Five Year Plan have been achieved so far;
- (d) if, so the details thereof and if not, the reasons therefor;
- (e) whether the Government has set any targets for the wind power generation by 2020;
- (f) if so, the details thereof; and
- (g) the steps taken or proposed to be taken by the Government to achieve the targets set?

**Answer**

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

(a) & (b): The wind power potential in the country has been assessed to be around 48,500 MW. The state-wise break-up is given at Annexure.

(c) & (d): During first three years of 11th Plan, a total capacity of 4,713 MW has been installed. Targets for 2010-11 and 2011-12 are 2,000 MW and 2,400 MW respectively. Therefore, the revised target of 9,000 MW of 11th Plan fixed at Mid-term appraisal stage is likely to be achieved.

(e) & (f): A cumulative target of 40,000 MW wind power capacity has been set by the year 2022.

(g): Government is promoting commercial grid connected wind power projects through private sector investment in wind potential states by providing fiscal incentives, 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 Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided to increase wind energy investment in the potential States. Recently, in order to enhance the investor based by attracting the Independent Power Producers (IPPs) and Foreign Direct Investment (FDIs), Government has announced a Generation Based Incentive for wind power projects to run concurrently with the benefit of accelerated depreciation but in a mutually exclusive manner.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 5716 FOR 30.04.2010.

**STATE-WISE WIND POWER POTENTIAL**

Sl.No.	States	Potential (MW)
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1.	Andhra Pradesh	8968
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2.	Gujarat	10645
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3.	Karnataka	11531
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4. Kerala 1171

5. Madhya Pradesh 1019

6. Maharashtra 4584

7 Rajasthan 4858

8. Tamil Nadu 5530

9. Others 255

Total 48561