

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

STARRED QUESTION NO:411
ANSWERED ON:12.05.2006
SETTING UP OF WIND POWER PLANTS UNITS
Boianapalli Shri Vinod Kumar

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

:

- (a) Whether the Government has conducted mapping of different parts/regions in the country, where there is huge potential for wind power;
- (b) If so, the details of the States/regions so identified alongwith the estimated power generation capacity;
- (c) Whether the Government provides capital subsidy to the unemployed youth for setting up wind power plants;
- (d) If so, the details thereof alongwith the total amount of subsidy disbursed as on March, 31, 2006; and
- (e) The total number of wind power plants/units set up in the country, State-wise as on March, 31, 2006 alongwith the estimated power generation capacity of these plants?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

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

STATEMENT Statement referred in reply to Parts (a), (b), (c), (d) & (e) Lok Sabha Starred Question No. 411 regarding setting up of wind power plants/units to be answered on 12.5.2006.

(a): Yes Sir.

(b): Under the Wind Resource Assessment Programme of the Government, more than 540 Wind Monitoring Stations were set up in windy areas in 13 States and Union Territories. 211 sites having annual mean wind power density of 200 Watt/square metre or more at 50 metre elevation have been identified which have a gross wind energy potential of about 45200 MW. State-wise information is given in Annexure-I.

(c): No, Sir.

(d): Does not arise.

(e): Wind Power Projects with an aggregate installed capacity of 5340 MW comprising of Wind Turbines of 225 kW to 1650 kW unit capacities, have been set up in the country till 31st March, 2006. State-wise details are given in Annexure-II.

ANNEXURE-I ANNEXURE-I REFERRED IN THE STATEMENT IN REPLY TO PART (b) OF THE LOK SABHA STARRED QUESTION NO. 411 FOR 12.05.2006

STATE-WISE ESTIMATED GROSS WIND ENERGY POTENTIAL IN THE COUNTRY

S. No.	State	Gross Potential (MW)
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1.	Andhra Pradesh	8275
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2.	Gujarat	9675
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3.	Karnataka	6620
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4.	Kerala	875
5.	Madhya Pradesh	5500
6.	Maharashtra	3650
7.	Orissas	1700
8.	Rajasthan	5400
9.	Tamil Nadu	3050
10.	West Bengal	450
	Total	45195

ANNEXURE-II
ANNEXURE-II REFERRED IN THE STATEMENT IN REPLY TO PART (e) OF
THE LOK SABHA STARRED QUESTION NO. 411 FOR 12.05.2006

STATE-WISE WIND POWER INSTALLED CAPACITY
(AS ON 31.03.2006)

(in MW)
State Total Installed Capacity
Andhra Pradesh 121.0

Gujarat 338.1

Karnataka 584.6

Kerala 2.0

Madhya Pradesh 40.3

Maharashtra 1001.3

Rajasthan 358.1

Tamil Nadu 2892.5

Other 2.7

Total 5340.6