

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

UNSTARRED QUESTION NO:1933

ANSWERED ON:17.07.2009

WIND ENERGY GENERATION

Bhagat Shri Sudarshan;Lagadapati Shri Rajagopal;Raghavan Shri M. K.;Singh Baba Shri K.C.;Venugopal Shri K. C.

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

- (a) the number of wind-mills functioning in the country at present, State-wise;
- (b) whether some more sites have been identified for installation of new wind-mills in the country;
- (c) if so, the details thereof, State-wise;
- (d) whether the Government has conducted any study to explore the potential of wind power in the country especially in the coastal areas including Kerala during the last three years and the current year;and
- (e) if so, the details thereof, State-wise?

Answer

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

(a): A total Wind Power capacity of 10,386 MW comprising of around 18,000 number of wind mills of various capacities has been installed in the country, till 30th June, 2009. State-wise details of the installed capacity is given in Annexure-I.

(b)&(c): A total of 216 locations have already been identified which are considered potential sites for installation of grid connected wind turbines. State-wise number of potential sites is given at Annexure-II.

(d)&(e): Yes, Sir. The Wind Resource Assessment studies have been taken up in various States including the coastal areas and Kerala during the last 3 years for identifying potential sites for deployment of wind power projects under the National Wind Resource Assessment Programme by the Centre for Wind Energy Technology, Chennai. The studies are continuing during the current year. The state-wise details are given at Annexure-III.

ANNEXURE-I

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO. 1933 FOR 17.07.2009.

STATE-WISE WIND POWER INSTALLED CAPACITY (as on 31.06.2009)

States	Capacity (MW)
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Andhra Pradesh	123
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Gujarat	1592
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Karnataka	1347
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Kerala	27
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Madhya Pradesh	213
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Maharashtra	1968
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Rajasthan	738
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Tamil Nadu 4374

Others 4

Total 10,386

ANNEXURE-II

ANNEXURE-II REFERRED TO IN REPLY TO PART (b) & (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 1933 FOR 17.07.2009.

State-wise details of the potential sites in the country

Sl. NO.	States	Potential sites
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1	Andaman & Nicobar	01
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2	Andhra Pradesh	32
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3	Gujarat	38
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4	Karnataka	26
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5	Kerala	17
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6	Lakshadweep	08
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7	Madhya Pradesh	07
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8	Maharashtra	31
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9	Orissa	06
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10	Rajasthan	07
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11	Tamil Nadu	41
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12	Uttarakhand	01
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13	West Bengal	01
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Total		216
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ANNEXURE-III

ANNEXURE-III REFERRED TO IN REPLY TO PARTS (d) & (e) OF THE LOK SABHA UNSTARRED QUESTION NO. 1933 FOR 17.07.2009.

State-wise number of locations taken up for wind resource assessment during last 3 years

Sl. NO.	States	Potential sites
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1	Aunachal Pradesh	03
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2	Assam	02
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3	Bihar	06
4	Chattisgarh	02
5	Goa	03
6	Gujarat	05
7	Jammu & Kashmir	12
8	Karnataka	25
9	Kerala	03
10	Madhya Pradesh	03
11	Maharashtra	23
12	Manipur	03
13	Meghalaya	03
14	Mizoram	02
15	Nagaland	03
16	Orissa	03
17	Punjab	02
18	Rajasthan	03
19	Sikkim	02
20	Tamil Nadu	03
21	Tripura	02
22	Uttarakhand	13
23	Uttar Pradesh	03
24	Lakshadweep	05
	Total	134