

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

UNSTARRED QUESTION NO:3454
ANSWERED ON:13.03.2003
PRIVATE INVESTMENT IN WIND ENERGY
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Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government propose to set up more Wind Energy Units in the country through private investments;
- (b) if so, the details thereof, State-wise, location-wise;
- (c) the amount invested by the private investors in each State, project-wise;
- (d) the power generated through wind power during the last three years till date, State-wise; and
- (e) the target fixed for generation of power through wind power projects in each State through public and private investment for the next three years?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a)&(b): Yes, Sir. A target of 1500 MW has been fixed for the Tenth Five Year Plan for wind power capacity addition, mainly through commercial projects with private sector investments. State-wise targets have not been fixed. However, 201 potential sites in 13 States/UTs viz. Andhra Pradesh, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Rajasthan, Tamil Nadu, Uttaranchal, West Bengal, Andaman & Nicobar and Lakshadweep Islands, have been identified which could be considered suitable for wind power generation.

(c): The actual amount invested by the private investors on projects in each State would depend on the location, type of equipment selected, and other infrastructure costs. However, the investment, on average, is in the range of Rs.4.5 crore to Rs.5.5 crore per MW.

(d): State-wise energy generated from wind power projects during the last three years is given in the Annexure.

(e): The generation from wind power projects is site-specific and depends upon the availability of winds and grid. No State-wise targets have been fixed for energy generation from wind.

Annexure referred to in reply to Part (d) of Lok Sabha Unstarred Question No. 3454 for 13.3.2003 regarding Private investment in Wind Energy.

STATE-WISE ENERGY GENERATION FROM WIND POWER PROJECTS (Million kWh)

States 2000-2001 2001-2002 2002-2003 till Jan, 2003

Andhra Pradesh	87.0	115.0	91.1
Gujarat	142.2	134.8	112.6
Karnataka	72.3	92.9	153.7
Kerala	2.6	2.5	0.8
Madhya Pradesh	28.9	28.2	28.9
Maharashtra	142.6	332.7	610.4
Tamil Nadu	1,095.9	1,245.8	1,215.6
Rajasthan	5.6	18.6	20.7
West Bengal	0.0	0.3	0.4