

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

UNSTARRED QUESTION NO:557
ANSWERED ON:24.07.2003
WIND POWER POTENTIAL
PALANIYAPPA GOUNDER KUMARASAMY

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

- (a) the exploitable wind power potential in the country;
- (b) the details of exploitation of wind energy showing the percentage exploited;
- (c) the capacity targeted to be installed during the Tenth Plan; and
- (d) the details of exploited/ exploitable wind energy sources in Tamil Nadu?

Answer

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

- (a): The gross wind power potential in the country has been estimated at about 45,000 MW. The technical potential, which can be tapped at present is, however, about 13,000 MW.
- (b): A total wind power capacity of 1870 MW has so far been installed in the country which is 14.4% of the present exploitable potential.
- (c): A wind power capacity addition of 1500 MW is envisaged during the Tenth Plan period.
- (d): The exploitable wind power potential in Tamil Nadu is about 1900 MW. A wind power capacity of 990 MW has been installed in the State so far.