

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

UNSTARRED QUESTION NO:2702
ANSWERED ON:12.03.2015
GENERATION OF WIND ENERGY
Karandlaje Km. Shobha

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

- (a) the details of wind energy being generated at present, State/UT-wise;
- (b) whether potential to increase power generation by raising the height of hub to 100 meter, increasing the rotor diameter and by having upgraded micro site has been found;
- (c) if so, the targets of wind energy generation during the Twelfth Five Year Plan and the sites selected for this;
- (d) the provision of funds made during Twelfth Five Year Plan in order to increase the wind power production, year-wise; and
- (e) whether out of 727 established wind monitoring centres situated in various States/UTs, 628 have been closed down and if so, the reasons therefor?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

- (a): A total capacity of 22598 MW (upto January 2015) has been installed so far. State-wise details are given at Annexure.
- (b): Yes, Madam. The wind potential increases with increase in hub height and rotor diameter and also with improved micro-siting of projects.
- (c): The target of wind energy potential during 12th Five Year Plan is 15000 MW. As wind power projects are installed by private sector with their own investment, selection of site is also taken up by them. Ministry through National Institute of Wind Energy (NIWE), an autonomous institution of this ministry has carried out wind monitoring at 799 sites and wind data is available for the developers.
- (d): The provision of funds for wind sector during 2012-13, 2013-14 & 2014-15 has been Rs. 64.6, Rs. 314 & Rs. 578 crore respectively. The provision of funds in next two years depends upon budget allocation to this Ministry.
- (e): Out of 799 wind monitoring stations established by National Institute of Wind Energy (NIWE) in various States/UTs, 690 stations have been closed down after taking the required wind data for a period from 1-3 years. The usable components of wind masts are used elsewhere.