

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3942**  
TO BE ANSWERED ON 13.08.2015

**SOLAR AND WIND ENERGY**

3942. SHRI B.V. NAIK:

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

- (a) the quantum of energy generated using wind and solar sources at present;
- (b) the number of projects under construction in these two fields;
- (c) the estimate of solar energy purchased by families and concerns for captive consumption; and
- (d) the energy to be generated by wind and solar stations during the current year?

ANSWER

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

**(a):** A total wind capacity of 23763 MW has been installed in the country up to June 2015 and 4096 MW of grid connected solar projects have been commissioned in the country as on 15/07/2015. One MW of Wind and Solar plant generates around 2 million units and 1.6 million units of electricity per annum respectively.

**(b):** Government has set a target of 2400 MW of Wind Power and 1800 MW of ground mounted solar power projects for the current year.

**(c):** Roof and small off-grid plants of 162 MW are installed in India so far and these are for self-use and captive consumption.

**(d):** Around 47 billion units of electricity is expected to be generated from wind and solar plants during the current year.

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