

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2550

TO BE ANSWERED ON-27.12.2018

POWER GENERATION FROM RENEWABLE SOURCES

2550. PROF. CHINTAMANI MALVIYA
DR. RAVINDRA KUMAR RAY

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

- (a) the total quantum of power generated from renewable sources during the last one year;
- (b) the average cost of power generation from the solar and wind energy sources;
- (c) whether the Government proposes to increase the number of solar and wind energy sources in Madhya Pradesh and Jharkhand; and
- (d) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

(a) A total of 101.84 Billion Units of power was generated from renewable energy sources in the country during last financial year i.e. 2017-18.

(b) The cost of production of energy from solar, wind and other renewable sources varies from place to place depending upon, inter-alia, intensity of solar radiations, speed of wind, geographical location, capacity of project, technology deployed, cost of finance, land cost, cost of basic infrastructure and state policies, etc. For solar power, the lowest tariff discovered has been Rs 2.44/kWh at Bhadla and for wind power the lowest tariff discovered has been Rs 2.43/kWh in Gujarat.

(c) & (d) In Madhya Pradesh State three Solar parks of total capacity of 1500 MW are being developed and Wind power projects of 5193.10 MW capacity under execution. As on 30.11.2018, the installed capacity of Solar power and Wind power in the state was 1537.74 MW and 2444.15 MW respectively.

The State Government of Jharkhand, which has low potential in Wind Energy, is implementing following Solar Energy projects.

- Grid connected Rooftop solar power Plants on Government Building-17 MWp
- Grid connected Solar Power Plants for Private Consumer (Residential ,Social & Commercial consumer)- 10 MWp
- Floating Solar Power Plants -150 MW
- Canal top Solar POWER plants -2MWp
