

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2617

TO BE ANSWERED ON-27.12.2018

RENEWABLE ENERGY GENERATION

2617. SHRI PASHUPATI NATH SINGH

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

- (a) the quantum of power generated through renewable energy sources during the last year;
- (b) the average cost of power generation through solar and wind energy;
- (c) whether the Government proposes to increase the sources of solar and wind energy in 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 has been 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) The Government of Jharkhand having low potential of Wind energy proposes to increase the capacity of Solar energy. The details of planned Solar Energy projects in the state are as following:
 - 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
