

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 130
TO BE ANSWERED ON 11.12.2018

CHEAP GENERATION OF RENEWABLE ENERGY

130. SHRI TIRUCHI SIVA

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

- (a) the amount of power that has been generated through renewable energy sources in the last year;
- (b) the average cost of generating power through solar and wind energy sources; and
- (c) whether measures have been adopted to ensure cheap generation of renewable energy, and if so, the details thereof?

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 were generated through various renewable energy sources in the country during last year i.e. 2017-18.
- (b) The cost of production of electricity from solar & wind varies from place to place depending upon, inter-alia, intensity of solar radiations, speed of wind, land cost, cost of financing, cost of basic infrastructure and state policies. The lowest power tariff discovered for solar has been Rs 2.44/kWh and for wind Rs 2.43/kWh.
- (c) The Government has taken various steps to ensure cheaper generation of renewable energy. These inter-alia, include fiscal and promotional incentives such as capital subsidy, accelerated depreciation, waiver of Inter State Transmission System (ISTS) charges and losses, viability gap funding (VGF) and permitting Foreign Direct Investment up to 100 per cent under the automatic route. Projects are awarded through transparent bidding process i.e. through e-reverse auction. Government have issued standard bidding guidelines to enable the distribution licensees to procure power at competitive rates in cost effective manner.
