

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1710

TO BE ANSWERED ON-20.12.2018

POWER GENERATION

1710. KUMARI SUSHMITA DEV

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

- (a) whether the electricity generated from wind, solar and other renewable power plants has reached the grid-parity with conventional electricity, if so, the details thereof;
- (b) the details of the total installed capacity of renewable power from the year 2014 to 2018;
- (c) whether the Government has any plans to increase the target for wind, solar and other renewable power installations; and
- (d) if so, the details thereof and the new targets for renewable energy capacity addition?

ANSWER

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

- (a) The electricity generated through solar and wind power has reached grid-parity in the recent bids. For solar power, the lowest tariff discovered has been Rs 2.44/kWh at Badla and for wind power the lowest tariff discovered has been Rs 2.43/kWh in Gujarat. As per Central Electricity Regulatory Commission's (CERC) Tariff Order for the year 2018-19, the levellised tariff for small hydro power is in the range of Rs 4.32/KWh to Rs 6.05/kWh and for Biomass power projects, it is in the range from Rs 7.22/kWh to Rs 8.64/kWh.
- (b) A total of 37.83 GW of renewable energy capacity has been added from 1st April 2014 to 31st Oct 2018 which includes 21.68 GW from Solar, 13.95 GW from Wind, 1.50 GW from Biomass and 0.70 GW from Small Hydro Power.
- (c) & (d) In the year 2015, the Government has up-scaled the target to install 175 GW of Renewable Energy capacity by the year 2022, which includes 100 GW from solar, 60 GW from wind, 10 GW from Bio-power and 5 GW from Small Hydro power.
