

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1718

TO BE ANSWERED ON-20.12.2018

SOLAR ENERGY STORAGE

1718. SHRI RAJENDRA AGRAWAL

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

- (a) the present capacity of solar energy storage in the country;
- (b) whether the present capacity is enough to meet the storage requirement, especially on account of intermittent nature of renewable power generation and if so, the details thereof ;and
- (c) the total fund allocated and spent in research for solar energy storage during the last four years?

ANSWER

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

- (a) The Solar Energy Corporation of India (SECI) has informed that as per market sources the present capacity of solar energy storage in the country is 750 kWh.
- (b) Absorption of renewables into the electrical grid is presently managed through forecasting and scheduling of power generation, and using other sources of energy for balancing. Storage is an important component of the balancing requirement and its role is likely to increase with the increase in renewable energy.
- (c) Under the Ministry's Research and Development programme, during the last four years, projects worth Rs. 11.58 crore in the area of energy storage have been sanctioned and Rs. 4.82 crore has been released.
