BESS FOR SOLAR POWER PLANTS

3048. SHRI MAGUNTA SREENIVASULU REDDY:

SHRI P.V. MIDHUN REDDY:

Will the Minister of POWER
be pleased to state:

(a)   the details of Li-Ion Battery Energy Storage Systems (BESS) set-up in the country for storing the energy generated by various solar power plants during the last year and the current year;

(b)   whether the Government has taken any steps to promote and encourage BESS in the country; and

(c)   if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) :   As per the information available, three Li-ion Battery Energy Storage Systems (BESS) projects (above 5 MW) have been commissioned in the country till now at Mehsana, Gujarat (19.2 MWh), Delhi (10 MW/10 MWh) and Andaman (16 MW/8 MWh). During the current year no project has been commissioned so far.

(b) & (c) :   The Government have taken following steps to promote and encourage development of BESS in the country;

i.   A Circular on legal Status for Energy Storage Systems has been issued on 29th January, 2022.

ii.   Waiver of ISTS Charges on BESS charging has been provided vide order dated 23rd November, 2021.

iii.   Guidelines for Procurement and Utilization of BESS as part of Generation, Transmission and Distribution assets, along with Ancillary Services issued on 10th March 2022.

iv.   Solar Energy Corporation of India (SECI) has called bids for Pilot project of 500 MW/1000 MWh Battery Energy Storage System (BESS) as a combination of grid support and peaking product on commercial basis under tariff-based global competitive bidding.

v.   SECI has awarded RE Projects of cumulative capacity of 1200 MW with assured peak power supply, wherein the RE developers have to set up energy storage systems (amounting to 600 MWh) in their projects, which, among other storage technologies also includes BESS.

****