

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.1763
TO BE ANSWERED ON 17.03.2022

SLOW GROWTH OF NUCLEAR POWER SECTOR

1763 Prof.Manoj Kumar Jha:

Will the PRIME MINISTER be pleased to state:

- (a) the reason for slow growth of the nuclear power sector among fuels despite ambitious targets, and generous budgetary allocations;
- (b) the number of small modular reactors in the country currently in operation for the nuclear power sector, State-wise;
- (c) the number of experts employed per small modular reactor; and
- (d) the total electricity generation by small modular reactors, State-wise?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR.JITENDRA SINGH):

- (a) The share of nuclear power in the total electricity generation has remained around 3% of the total electricity generation in the country, thus keeping pace with the growth of total electricity generation in the country from various sources. The main reasons for slow growth in nuclear power capacity addition / generation earlier had been the technology denial and international embargo regime that persisted from 1974 to 2008 and constraints of availability of financial resources, as the programme then had to depend solely on budgetary support. However, the earlier constraints have now been overcome and the nuclear power programme is poised for rapid expansion.
- (b) There are presently no Small Modular Reactors in operation in the country.
- (c)&(d) Do not arise in view of 'b'.
