

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2422**  
TO BE ANSWERED ON 15.03.2023

**Maximum Capacity Generation**

2422. MS. RAMYA HARIDAS:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Bhabha Atomic Research Centre (BARC) and the power plants under the Nuclear Power Corporation of India Limited (NPCIL) have reached their maximum capacity generation and if so, the details thereof;
- (b) the total income generated during the last five years by the power plants and the details of power sharing pattern adopted in each power plant belonging to NPCIL;
- (c) the steps taken by the Government to increase the capacity generation of nuclear power plants in the country especially in the State of Kerala; and
- (d) the total funds allocated and disbursed during the last five years in this regard?

**ANSWER**

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

- (a) At present, out of the total installed capacity of 6780 MW, RAPS-1 (100 MW) is under extended shutdown and TAPS 1&2 (2X160 MW), MAPS-1 (220 MW) & RAPS-3 (220 MW) are under project mode for taking up various upgrades / Renovation & Modernization activities. The remaining 5920 MW is being operated at its rated capacity.
- (b) The details of total income generated in the last five years by NPCIL's power plants are given below:

Year	2021-22	2020-21	2019-20	2018-19	2017-18
Revenue from Operations (Rs.crore)	15,036	13,335	12,637	11,528	12,206

The allocation of power from nuclear power stations is decided by the Ministry of Power (MoP). As per the extant guidelines of MoP, 50% of power is allocated to 'Home' State, 15% unallocated power is kept at the disposal of Government of India and 35% is allocated to other constituents (except 'Home' State) of that region.

- (c) The Government has embarked on a large nuclear power capacity addition program to cope up with growing energy needs of the Country. On progressive completion of projects under construction and accorded sanction, the present installed nuclear power capacity is set to increase from 6780 MW to 22480 MW by 2031.

There is presently no nuclear power plant located in the state of Kerala.

- (d) The details of capital expenditure incurred on operating stations of Nuclear Power Corporation of India Limited (NPCIL) to enhance their safety and performance during the last five years are as follows:

Year	2021-22	2020-21	2019-20	2018-19	2017-18
Allocation(RE) Rs. crore	991	1132	721	1067	342
Expenditure Rs.crore	427.88	439.81	688.25	741.03	230.67

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