

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 174**  
TO BE ANSWERED ON 07.12.2022

**Maximum Generation Capacity**

174. SHRI ANURAG SHARMA:

Will the PRIME MINISTER be pleased to state:

- (a) whether the BARC and the power plants under Nuclear Power Corporation of India Limited (NPCIL) have reached its maximum generation capacity and if so, the details thereof;
- (b) the total income generated during the last eight years by the power plants and the 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 Uttar Pradesh; and
- (d) the total funds allocated and disbursed during the last eight years in this regard?

**ANSWER**

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

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- (a) At present, out of the installed capacity of 6780 MW, RAPS-1 (100 MW) is under extended shutdown and TAPS 1&2 (2X160 MW) & MAPS-1 (220 MW) are under project mode. The remaining 6140 MW is operating at its rated capacity.
- (b) The details of total income generated in the last eight years by NPCIL's power plants are given below:

Year	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Revenue from Operations (Rs.crore)	15,036	13,335	12,637	11,528	12,206	10,003	9,626	8,916

The power from nuclear power stations is allocated by the Ministry of Power to beneficiary states and union territories from time to time.

(c) To enhance safety and operational performance of nuclear power stations including those located in Uttar Pradesh, state of the art practices in line with the evolving global standards & operating experience and feedback from both in the country and the world have been adopted. These include, predictive and preventive maintenance of equipment based on the health assessment; In-Service-Inspections and health assessment of various components and equipment using latest technology and tools; renovations and modernization; necessary upgrades; safety reviews by NPCIL, regulatory authority and international peer reviews; human performance enhancement through extensive training of personnel, etc.

(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 eight years are as follows:

Year	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Allocation (RE) Rs. crore	991	1132	721	1067	342	200	200	200
Expenditure Rs.crore	427.88	439.81	688.25	741.03	230.67	93.78	78.93	78.09

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