

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1826**  
TO BE ANSWERED ON 03.07.2019

**ATOMIC POWER GENERATION**

1826. MOHAMMED FAIZAL P.P.:

Will the PRIME MINISTER be pleased to state:

- (a) whether due to improvement in supply of Atomic Fuel, production of Atomic Energy has improved in various atomic power plants, during the last three years; and
- (b) if so, the details of atomic power generation during that period, plant-wise?

**ANSWER**

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

- (a) The availability of fuel in the required quantity has enabled operation of nuclear power plants at their rated power during the last three years. The generation in a particular year is dependent apart from the availability of fuel on the capacity in operation based on planned shutdowns of reactors for various maintenance activities.
- (b) The details of generation in the last three years are given in Annexure.

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## Annexure

State	Location	Unit	Capacity (MW)	Commercial Generation (in Million Units, MU) <sup>§</sup>		
				2016 – 17	2017 – 18	2018-19
Maharashtra	Tarapur	TAPS-1	160	1236	174	1322
		TAPS-2	160	935	1001	937
		TAPS-3	540	4159	3680	4354
		TAPS-4	540	4530	2013	4154
Rajasthan	Rawatbhata	RAPS-1	100	@	@	@
		RAPS-2	200	1106	1555	959
		RAPS-3	220	1618	1877	1550
		RAPS-4	220	1936	1656	1820
		RAPS-5	220	1715	1974	1720
		RAPS-6	220	1096	1543	1986
Uttar Pradesh	Narora	NAPS-1	220	1655	1836	1498
		NAPS-2	220	1724	1800	1664
Gujarat	Kakrapar	KAPS-1	220	#	#	#
		KAPS-2	220	#	#	1000
Karnataka	Kaiga	KGS-1	220	1742	1927	1600
		KGS-2	220	1708	1885	1939
		KGS-3	220	1063	1898	1662
		KGS-4	220	2021	1824	2016
Tamil Nadu	Kalpakkam	MAPS-1	220	1465	1194	&
		MAPS-2	220	1739	1781	1491
	Kudankulam	KKNPP-1	1000	6212	4437	2797
		KKNPP-2	1000	13*	4281	3345
Total Generation (MUs)				37674	38336	37813

<sup>§</sup> The generation figures are rounded to nearest integer.

@ RAPS-1 is under extended shutdown for techno- economic assessment

# KAPS-1&2 have been taken in project mode for Enmasse Coolant Channel Replacement (EMCCR) and Enmasse Feeder Replacement (EMFR) activities from August 01, 2016. KAPS-2 was synchronized to grid on September 22, 2018 and KAPS-1 on May 24, 2019 upon completion of these activities.

& MAPS-1 was taken in project mode from April 01, 2018 for Endshield related works

\* In addition, KKNPP-2 generated about 2327 MUs of infirm power during the year 2016-17.