

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 645**  
TO BE ANSWERED ON 21.12.2017

**ADDITIONAL FUNDS FOR IGCAR**

645. DR. V. MAITREYAN:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government has allocated any additional funds for Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam to commission respective projects in Madras Atomic Power Station (MAPS), IGCAR and Fast Reactor Fuel Cycle Facility (FRFCF) fast breeder reactor producing nuclear fuel;
- (b) if so, the details thereof during the last three years, year-wise;
- (c) the current status of projects of Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI);
- (d) the steps taken by Government to generate more electricity from all three units at Kalpakkam; and
- (e) the distribution of power produced from Kalpakkam, State-wise?

**ANSWER**

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

- (a) Yes, Indira Gandhi Centre for Atomic Research (IGCAR) is a R&D unit under Department of Atomic Energy (DAE), receiving funds for establishment of laboratories / facilities through various Capital projects. The Fast Reactor Fuel Cycle Facility (FRFCF) is a mega project undertaken by IGCAR during the XII Plan period.

(b) (₹in crore)

	2015-16 (Actuals)	2016-17 (Actuals)	2017-18 (BE)
IGCAR (Capital budget excl. FRFCF)	288.56	291.13	294.00
FRFCF	369.14	465.16	420.00
MAPS	NIL		

- (c) In the 500 MWe Prototype Fast Breeder Reactor (PFBR) for Sodium System, commissioning is in progress. This will be followed by initiation of fuel loading in the core towards approach to first criticality.
- (d) The electricity generation units at Kalpakkam would be Madras Atomic Power Station (MAPS) & Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI). Government is ensuring all support to these units for their operations at optimum levels.
- (e) The present allocation of power from MAPS 1&2 (2x220 MW) and PFBR (500 MW) are as follows:

State / Union Territory	Share in % (based on time of the day) – MAPS*	State wise power allocated by the Ministry of Power-PFBR
Andhra Pradesh	4.12 to 4.24	146.9 MW
Karnataka	8.41 to 8.55	84.4 MW
Kerala	5.23	35.7 MW
Tamil Nadu	75.01 to 75.26	151.8 MW
Telangana	5.13 to 5.26	-
Puducherry	1.84	6.2 MW
Unallocated	-	75 MW

*Source: Southern Region Power Committee notification dated 20.10.2017*

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