

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO.246**  
TO BE ANSWERED ON 15.12.2021

**'BHAVINI' FAST BREEDER REACTOR**

\*246. SHRI VINCENT H.PALA:

Will the PRIME MINISTER be pleased to state:

- (a) whether India's first 500 MW Prototype Fast Breeder Reactor 'BHAVINI' has been commissioned in its entirety and if so, the details thereof;
- (b) whether the project has suffered time overruns and if so, the details thereof;
- (c) the estimated cost overruns of the project; and
- (d) whether the Government has invested in other similar projects and if so, the details of their status and estimated time of completion?

**ANSWER**

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

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(a)to(d) A statement is laid on the Table of the House.

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Government of India  
Department of Atomic Energy

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. \*246 FOR ANSWER ON 15.12.2021 BY SHRI VINCENT H. PALA REGARDING 'BHAVINI' FAST BREEDER REACTOR.

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- (a) No, Sir. The 500 MWe Prototype Fast Breeder Reactor (PFBR) being built by Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) at Kalpakkam is under integrated commissioning stage.
- (b) Yes, Sir. The Project is originally sanctioned in 2003 and expected completion was by September 2010. According to latest approval, the revised completion target for the project is October 2022.
- (c) The project was originally sanctioned in 2003 at a cost of Rs. 3492 crore. The cost was further revised to Rs. 5667 crores subsequently. Government has approved the revised completion cost of Rs. 6840 crore in 2021.
- (d) Government has allocated Rs. 250 crore for the pre-project activities of Fast Breeder Reactor (FBR)-1&2 to be built at Kalpakkam. The pre-project activities are under progress. Detailed design & analyses of FBR-1&2 are under progress in Indira Gandhi Centre for Atomic Research (IGCAR) taking into consideration the commissioning & operational feedback of PFBR. The project is yet to be sanctioned.

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