

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO-5368
ANSWERED ON 25/03/2026

INVESTMENT FOR NUCLEAR POWER GENERATION

5368. SMT. SATABDI ROY

Will the PRIME MINISTER be pleased to state:-

- (a) whether it is a fact that India will require an investment of about USD 217 billion to achieve its nuclear power capacity targets by the year 2047 and if so, the details thereof;
- (b) the current nuclear power capacity, targets set for the years 2030, 2040 and 2047 along with the progress made so far; and
- (c) the details of the sources of funding proposed for this expansion including the role envisaged for public investment, PSUs and private participation?

ANSWER

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

- (a) A nuclear power capacity of about 90 GW is to be added in the period upto 2047 to achieve the target of Nuclear Energy Mission of 100 GW by 2047. The exact investment can only be determined after each of the project proposals are finalised.
- (b) The present installed nuclear power capacity is 8.78 GW (excluding RAPS-1). The present target is to achieve a capacity of about 22 GW by 2031-32 by progressive completion of projects presently at various stages of implementation. The target set for 2047 is 100 GW. A roadmap has been drawn up for the same.
- (c) The Government has enacted the SHANTI Act to enable wider participation in nuclear power, both by public and private sector. Of the total capacity of 100 GW planned, about 54 GW is planned to be set up by NPCIL and the balance by companies in the public and private sector.
