

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO - 2083
ANSWERED ON 06/08/2026

EXPANSION OF NUCLEAR CAPACITY

2083. SHRI RAGHAV CHADHA

Will the PRIME MINISTER be pleased to state:-

- (a) the details of progress made in expanding nuclear power generation capacity during the last five years;
- (b) the number of nuclear power reactors sanctioned, under construction and commissioned during those years; and
- (c) The quantum of funds allocated and utilised for capacity expansion during those years?

ANSWER

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

- (a) Government has announced Nuclear Energy Mission (NEM), outlined in the Union Budget 2025-26, with an aim to achieve nuclear power generation capacity of 100 GWe by 2047 to increase the share of nuclear energy as reliable base load energy in India's energy mix. The Government has also enacted the SHANTI Act to enable a wider participation of both public and private sectors. Further, the Government has announced measures for enabling R&D in SMRs and new advanced technologies. Additionally, NPCIL is also engaging with interested parties in setting up of Bharat Small Reactors (BSRs) to address decarbonisation of hard-to-abate sectors.
- (b) During the last five years, thirteen reactors with a capacity of 10100 MW were at various stages of construction/ commissioning. Of these, three reactors with a total capacity of 2100 MW have commenced commercial operation:

State	Location	Project	Capacity (MW)
Gujarat	Kakrapar	KAPP-3&4	2 X 700
Rajasthan	Rawatbhata	RAPP-7	1 X 700

The remaining ten reactors with a total capacity of 8000 MW are at various stages of construction:

State	Location	Project	Capacity (MW)
Rajasthan	Rawatbhata	RAPP-8	1 X 700
Tamilnadu	Kudankulam	KKNPP-3&4	2 X 1000
		KKNPP-5&6	2 X 1000
Karnataka	Kaiga	KAIGA-5&6	2 X 700
Haryana	Gorakhpur	GHAVP-1 & 2	2 X 700
Tamilnadu	Kalpakkam	PFBR	1 X 500

(c) NPCIL: In the last five financial years, ₹ 81287 Crore were allocated towards under construction/ commissioning, ongoing and new projects for expansion of nuclear power capacity, of this ₹ 81188 Crore has been utilized.

BHAVINI: In the last five financial years, ₹ 2580 crore were allocated towards construction/ commissioning of PFBR in BE stage in which ₹ 1600 crore has been utilized.
