

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1445
TO BE ANSWERED ON 10.03.2016

CAPACITY ADDITION PLAN OF NUCLEAR PLANTS

1445. SHRI P. BHATTACHARYA:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the capacity addition plans of various atomic power plants of the country;
- (b) whether Government is planning to set up new atomic power plants; and
- (c) if so, the States wherein new atomic power plants proposed to be set up in future?

ANSWER

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

- (a) The Government, in July 2014, had announced tripling of the then existing capacity of 4780 MW in the next ten years, i.e. by the year 2024. Pursuing this target, one unit KKNPP – 1 at Kudankulam, Tamil Nadu of capacity 1000 MW was brought into commercial operation in December, 2014. Further, the nuclear power projects under commissioning/ construction/ sanctioned along with their location and State are tabulated below:

Nuclear Power Project	Location & State	Capacity (MW)	Status
Kudankulam Nuclear Power Plant (KKNPP) Unit – 2	Kudankulam, Tamil Nadu	1x1000	Under Commissioning. Expected completion by 2016-17.
Kakrapar Atomic Power Project (KAPP) Units – 3&4	Kakrapar, Gujarat	2x700	Under Construction. Expected completion by 2019.
Rajasthan Atomic Power Project (RAPP) Units – 7&8	Rawatbhata, Rajasthan	2x700	

Prototype Fast Breeder Reactor (PFBR)	Kalpakkam, Tamil Nadu	1x500	Expected completion by 2016-17
Gorakhpur Anu Vidyut Pariyojana (GHAVP) Units – 1 & 2	Gorakhpur, Haryana	2x700	Project accorded Financial Sanction, Being readied for launch
Kudankulam Nuclear Power Plant (KKNPP) Units – 3 & 4	Kudankulam, Tamil Nadu	2x1000	Project accorded Financial Sanction, Excavation commenced.

Another 2X700 MW indigenous Pressurised Heavy Water Reactor (PHWR) project is also planned.

(b) Yes, Sir.

(c) The Government has accorded 'in principle' approval of the following sites for location of nuclear power plants in future:

Location & State	Capacity (MW)
Indigenous Reactors	
Gorakhpur, Haryana (Units 3&4)	2 x 700
Chutka, Madhya Pradesh	2 x 700
Mahi Banswara, Rajasthan	4 x 700
Kaiga, Karnataka	2 x 700
Bhimpur, Madhya Pradesh	4 X 700
Kalpakkam, Tamil Nadu	2 X 600
Reactors with Foreign Technical Cooperation	
Kudankulam , Tamil Nadu (Units 5&6)	2 x 1000
Jaitapur, Maharashtra	6 x 1650
Kovvada, Andhra Pradesh	6 x 1000*
Chhaya Mithi Viridi, Gujarat	6 x 1000*
Haripur, West Bengal	6 x 1000*

**Nominal Capacity*
