

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:1647  
ANSWERED ON:03.12.2014  
NUCLEAR POWER PLANT IN THE COUNTRY  
Singh Shri Ravneet

**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) the States where nuclear power plants are functional at present and the quantum of power generated by these plants, State-wise;
- (b) the States where nuclear power plants are proposed to be set up and the power generation capacity of the proposed plants;
- (c) whether the State Government of Punjab has sent any proposal for setting up of nuclear power plant in the State; and
- (d) if so, the details thereof?

**Answer**

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

(a) Currently, twenty nuclear power plants located in six States with an installed capacity of 4780 MW are in commercial domain. In addition, Kudankulam Nuclear Power Project Unit-1(KKNPP-1) of capacity 1000 MW was connected to the grid in October, 2013. The unit achieved full power (1000 MW) on June 07, 2014. The quantum of power generation capacity and location, state-wise, of the nuclear power plants, in the commercial domain, in the country are as given below:

Location	Unit	Capacity (MW)
Tarapur, Maharashtra	TAPS-1	160
	TAPS-2	160
	TAPS-3	540
	TAPS-4	540
Nuclear Power, Maharashtra		1400
Rawatbhata, Rajasthan	RAPS-1#	100
	RAPS-2	200
	RAPS-3	220
	RAPS-4	220
	RAPS-5	220
	RAPS-6	220
Nuclear Power, Rajasthan		1180
Kalpakkam, Tamil Nadu	MAPS-1	220
	MAPS-2	220
Nuclear Power Tamil Nadu		440
Narora, Uttar Pradesh	NAPS-1	220
	NAPS-2	220
Nuclear Power, Uttar Pradesh		440
Kakrapar, Gujarat	KAPS-1	220
	KAPS-2	220
Nuclear Power, Gujarat		440
Kaiga, Karnataka	KGS-1	220
	KGS-2	220
	KGS-3	220
	KGS-4	220
Nuclear Power , Karnataka		880

# RAPS-1 under extended shutdown since October 2004.

(b) In addition to the aforementioned operating reactors, there is one nuclear power project at Kudankulam in Tamil Nadu under commissioning and two are under construction. The details are as under:

Project	Location	Capacity (MW)
KKNPP 1&2#	Kudankulam, Tamil Nadu	2 x 1000
KAPP 3&4	Kakrapar, Gujarat	2 x 700
RAPP 7&8	Rawatbhata, Rajasthan	2 x 700

In addition, two more nuclear power projects, as per the details below, have been accorded administrative approval and financial sanction. At present, preparatory activities for start of construction are in progress at these sites.

Project	Location	Capacity (MW)
Kudankulam Nuclear Power Project (KKNPP 3&4)	Kudankulam, Tamil Nadu	2 x 1000
Gorakhpur Haryana Anu Vidyut Pariyojana (GHAVP 1&2)	Gorakhpur, Haryana	2 x 700

(c) No Sir. There is no proposal received in the recent past for setting up of Nuclear Power Plant in the state of Punjab.

(d) Does not arise;