

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.2948
TO BE ANSWERED ON 20.12.2012

LOCATION OF NUCLEAR POWER PLANTS

2948. SHRI MAHENDRA SINGH MAHRA:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the places in the country where nuclear power plants have been established and are to be established;
- (b) the countries with whose cooperation or through which these plants have been/are to be established; and
- (c) the percentage of fuel available in the country and the percentage of fuel imported for these plants along with the name of the countries?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

- (a)&(b) The details in respect of nuclear power reactors already established and proposed to be established in the country are given below :-

Location & State	Units	Capacity MW	Country in cooperation with which established / to be established
<u>In operation</u>			
Tarapur, Maharashtra	TAPS-1&2	2 X 160	USA
	TAPS-3&4	2 X 540	Indigenous
Rawatbhata, Rajasthan	*RAPS-1&2	100 + 200	Canada
	RAPS-3&4	2 X 220	Indigenous
	RAPP-5&6	2 X 220	
Kalpakkam, Tamil Nadu	MAPS- 1&2	2X220	Indigenous
Narora, Uttar Pradesh	NAPS-1&2	2 X 220	Indigenous
Kakrapar, Gujarat	KAPS-1&2	2 X 220	Indigenous
Kaiga, Karnataka	KAIGA-1&2	2 X 220	Indigenous
	KAIGA-3&4	2 X 220	
<u>Under Construction</u>			
Rawatbhata, Rajasthan	RAPP 7&8	2X700	Indigenous
Kalpakkam, Tamil Nadu	PFBR	500	Indigenous
Kakrapar, Gujarat	KAPP 3&4	2X700	Indigenous
Kudankulam, Tamil Nadu	KK 1&2	2X1000	Russian Federation

Planned			
Jaitapur, Maharashtra	Units 1 to 6	6 X 1650	France
Kovvada, Andhra Pradesh	Units 1 to 6	6 X 1500	USA
Chhaya Mithi Viridi, Gujarat	Units 1 to 6	6 X 1100	USA
Haripur, West Bengal	Units 1 to 6	6 X 1000	Russian Federation
Kalpakkam, Tamil Nadu	FBR Units 1& 2	2X500	Indigenous
Kaiga, Karnataka	Units 5 & 6	2X700	Indigenous
Kudankulam, Tamil Nadu	KK Units 3 to 6	4X1000	Russian Federation
Gorakhpur, Haryana	Units 1 to 4	4 X 700	Indigenous
Chutka, Madhya Pradesh	Units 1 & 2	2 X 700	
Mahi Banswara, Rajasthan	Units 1 to 4	4 X 700	
Bhimpur, Madhya Pradesh	Units 1 to 4	4 X 700	
Location not decided	AHWR	1 x 300	

* RAPS-1- Under extended shutdown

- (c) Of the 19 operating reactors, 9 reactors are under International Atomic Energy Agency (IAEA) Safeguards and use imported uranium. The remaining 10 reactors are fuelled by indigenous uranium. The uranium for the nuclear power reactors under IAEA safeguards is imported from Russian Federation, Kazakhstan and France. The reactors planned to be built with indigenous technology and placed under IAEA safeguards and those set up in technical cooperation with foreign countries would be fuelled with imported uranium
