

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) No, Sir. A General Framework Agreement (GFA) for setting up two units of 1000 MW each at Kudankulam in Tamil Nadu (Kudankulam Nuclear Power Plant (KKNPP)-3&4 - 2X1000 MW) was signed {by Nuclear Power Corporation of India Limited (NPCIL)} with Atom Stroy Export (ASE) of Russian Federation {in April 2014 and a supplement of the GFA in December 2014}, with whom agreement for Kudankulam Units 1 and 2 was also signed earlier.

(b) Yes, Sir. The reactors to be set up KKNPP 3 and 4 are Voda Voda Energo Reactor (VVER) 1000 reactors, (2X1000 MW) similar to KKNPP 1 and 2 installed in the country and in several other countries like Russian Federation, Ukraine, China, Iran etc.

(c) Does not arise.

Power generation from nuclear power plants

†1763. SHRI PREM CHAND GUPTA:

SHRIMATI MISHA BHARTI:

Will the PRIME MINISTER be pleased to state:

(a) the details of power generated by the nuclear power plants situated in the country, location-wise; and

(b) whether Government has ensured sufficient and continuous supply of fuel for these plants and if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) The details are given in the Statement (*See* below).

(b) Yes, Sir. The Government has taken measures to ensure availability of adequate quantity of fuel by augmenting domestic fuel supply and entering into agreements with several countries for import of fuel for reactors under International Atomic Energy Agency (IAEA) safeguards.

Statement

Location-wise details of power generated by the nuclear plants situated in the country

State	Location	Units	Capacity (MW)
Maharashtra	Tarapur	TAPS-1	160
		TAPS-2	160

† Original notice of the question was received in Hindi.

State	Location	Units	Capacity (MW)
		TAPS-3	540
		TAPS-4	540
Rajasthan	Rawatbhata	RAPS-1*	100
		RAPS-2	200
		RAPS-3	220
		RAPS-4	220
		RAPS-5	220
		RAPS-6	220
Tamil Nadu	Kalpakkam	MAPS-1	220
		MAPS-2	220
	Kudankulam	KKNPP-1	1000
		KKNPP-2**	1000
Uttar Pradesh	Narora	NAPS-1	220
		NAPS-2	220
Gujarat	Kakrapar	KAPS-1#	220
		KAPS-2#	220
Karnataka	Kaiga	KGS-1	220
		KGS-2	220
		KGS-3	220
		KGS-4	220

* Under extended shutdown for techno-economic assessment for continued operation.

** Expected to be in commercial operation by the end of this year.

Presently the units are under long shutdown for Enmasse Coolant Channel Replacement (EMCCR) and Enmasse Feeder Replacement (EMFR).

Targets for expansion of atomic energy

1764. SHRI P. BHATTACHARYA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that targets for expansion of atomic energy have been set by Government;

(b) if so, the details of these targets and by when these are being decided to be achieved;