GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO.2383
TO BE ANSWERED ON 30.11.2016

CONSTRUCTION OF NUCLEAR REACTORS

2383. SHRI KIRTI VARDHAN SINGH:

Will the PRIME MINISTER be pleased to state:

(a) whether the Government has signed an agreement in the recent past with the Russian Government for construction of two more nuclear reactors of 1000 MW each;

(b) if so, the details thereof;

(c) the total number of nuclear reactors active in India and their total capacity of producing power, plant-wise; and

(d) whether all the reactors are functioning on optimum mode, if so, the details thereof and if not, the reasons therefor?

ANSWER

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

(a)&(b) A General Framework Agreement (GFA) for setting up two units of 1000 MW each at Kudankulam in Tamil Nadu (KKNPP-3&4 – 2X1000 MW) was signed by Nuclear Power Corporation of India Limited (NPCIL) with Atomstroyexport (ASE) of Russian Federation in April 2014 and a supplement to the GFA in December 2014. In addition, techno-commercial discussions between NPCIL and ASE for two more units at Kudankulam in Tamil Nadu (KKNPP 5&6 – 2X1000 MW) have been concluded.

(c) The details are enclosed as Annexure.

(d) Yes, Sir. The reactors in operation are being operated close to their rated capacity.

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Annexure

Annexure referred to in reply to part (c) of Lok Sabha USQ 2383 for answer on 30.11.2016

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

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