

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 5455**  
TO BE ANSWERED ON 05.04.2023

**Electricity Produced from Atomic Power Reactors**

5455. SHRI NAMA NAGESWARA RAO:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the electricity produced by the atomic power reactors in the country and its percentage share in the total electricity production in the country;
- (b) whether the Government is planning to increase the generation of energy from atomic sources and if so, the details thereof; and
- (c) whether new atomic power stations are being set up and if so, the details thereof?

**ANSWER**

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

- (a) During 2021-22 nuclear power reactors generated 47112 Million Units of electricity, which comprises about 3.15% of the total electricity generated in the country.
- (b)&(c) Yes, Sir. The present installed nuclear power capacity is set to increase from 6780 MW to 22480 MW by 2031 on progressive completion of projects under construction and accorded sanction. The Government has also accorded 'in principle' approval for new sites to set up nuclear reactors in future.

The details are as follows:

State	Location	Project	Capacity (MW)
<b>Projects Under Construction</b>			
Gujarat	Kakrapar	KAPP-3 <sup>s</sup> & 4	2 X 700
Rajasthan	Rawatbhata	RAPP-7&8	2 X 700
Tamil Nadu	Kudankulam	KKNPP-3&4	2 X 1000
		KKNPP-5&6	2 X 1000
Tamil Nadu	Kalpakkam	PFBR	500
Haryana	Gorakhpur	GHAVP-1&2	2 X 700
<b>Projects Accorded Administrative Approval &amp; Financial Sanction</b>			
Karnataka	Kaiga	Kaiga-5&6	2 X 700
Haryana	Gorakhpur	GHAVP- 3&4	2 X 700
Madhya Pradesh	Chutka	Chutka-1&2	2 X 700
Rajasthan	Mahi	Mahi Banswara-1&2	2 X 700
	Banswara	Mahi Banswara-3&4	2 X 700

<sup>s</sup> KAPP-3 (700 MW) has been connected to the grid on January 10, 2021

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