

PARLIAMENT QUESTION: GENERATION OF NUCLEAR POWER

प्रविष्टि तिथि: 30 JUL 2026 5:20PM by PIB Delhi

Presently, there are 24 nuclear power reactors in commercial operation in the country with a total capacity of 8,780 MW. The details are given in Annexure.

During the period 2019-20 to 2023-24, except KAPS-4 which commenced commercial operation in March-2024, the average PLF of nuclear power plants (excluding duration of major refurbishment) has been higher in comparison to the average all India Thermal PLF (excluding Gas based Power Plants, *source CEA report*).

This information was given by Union Minister of State for Prime Minister's office and Personnel, Public Grievances and Pensions, Atomic Energy and Space, Dr. Jitendra Singh, in a written reply in the Rajya Sabha today.

NKR/AK/NM

Annexure

State	Station	Description	Capacity (MW)	Generation in Million Units (MUs)				
				2019-20	2020-21	2021-22	2022-23	2023-24
Maharashtra	TAPS-1&2	Unit-1	160	954	Unit under project mode			
		Unit-2	160	1234	341	Unit under project mode		
		Station	320	2188	341	-	-	-
	TAPS-3&4	Unit-3	540	3827	3877	3829	4636	4148
		Unit-4	540	4522	3669	4774	4349	3965
		Station	1080	8349	7546	8602	8985	8112

Rajasthan	RAPS-2	Unit-2	200	1410	429	1453	733	1605
		Station	200	1410	429	1453	733	1605
	RAPS-3&4	Unit-3	220	1705	1699	1563	1024	<i>Unit under project mode</i>
		Unit-4	220	1688	1816	1723	1239	1701
		Station	440	3393	3516	3285	2263	1701
	RAPS-5&6	Unit-5	220	1946	1427	1869	1661	1986
		Unit-6	220	1703	2015	1702	1923	1768
		Station	440	3649	3442	3570	3585	3754
	RAPP-7&8	Unit-7	<i>Unit under construction</i>					
		Unit-8	<i>Unit under construction</i>					
		Station	-					
Uttar Pradesh	NAPS-1&2	Unit-1	220	1900	1738	1828	1542	1521
		Unit-2	220	1891	1547	1753	1651	1353
		Station	440	3791	3285	3580	3193	2875

Gujarat	KAPS-1&2	Unit-1	220	1467	1817	1852	1793	1967
		Unit-2	220	1962	1896	1652	1846	1708
		Station	440	3429	3713	3503	3640	3675
	KAPS-3&4	Unit-3	700	<i>Unit under construction</i>				3932
		Unit-4	700	<i>Unit under construction</i>				3
		Station	1400	-				3935
Karnataka	KGS-1&2	Unit-1	220	1841	1903	1607	1855	1643
		Unit-2	220	1773	1592	1805	1687	1935
		Station	440	3614	3495	3412	3542	3578
	KGS-3&4	Unit-3	220	1838	1635	2059	2073	1918
		Unit-4	220	1827	1964	2021	1829	2006
		Station	440	3664	3599	4080	3901	3924
Tamil Nadu	MAPS-1&2	Unit-1	220	<i>Unit under project mode</i>				
		Unit-2	220	1843	1704	1089	1786	1592
		Station	440	1843	1704	1089	1786	1592
	KKNPP-1&2	Unit-1	1000	7115	5638	7009	7035	6656
		Unit-2	1000	4029	6323	7527	7191	6563
		Station	2000	11144	11961	14536	14226	13219
