

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO- 2149
ANSWERED ON 12/03/2025

NEW ATOMIC ENERGY PLANTS

2149. SHRI ANTO ANTONY

Will the PRIME MINISTER be pleased to state:-

- (a) whether the Government has any plan to start new atomic energy plants in the country;
- (b) if so, the details thereof and the steps taken by the Government in this regard;
- (c) whether the Government has any statistics regarding the production of electricity from the nuclear plants in the country;
- (d) if so, the details of such production during the last ten years, year-wise and plant-wise?
- (e) whether the Government of Kerala has submitted any proposal for setting up of a nuclear plant in Kerala; and
- (f) if so, the details and the response of the Government in this regard?

ANSWER

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

- (a) Yes. In addition to the projects already under implementation, new projects are also planned in the country.
- (b) The Government has announced an ambitious Nuclear Energy mission with a target of reaching a nuclear power capacity of 100 GW by 2047. In this regard, the Government has announced that to facilitate this mission, necessary amendments will be brought in the Atomic Energy Act and Civil Liability for Nuclear Damage Act to enable private investment in nuclear power sector. The Government has also announced measures for enabling R&D in SMRs and new advanced technologies.
- (c) Yes.
- (d) The year wise details of nuclear power generation in the country during the last ten years (2014-15 to 2023-24) are given in Annexure.
- (e) No.
- (f) Does not arise in view of 'e'.

Annexure

Nuclear Power Plant	Electricity Generation (Commercial) in Million Units									
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
TAPS-1	718	786	1236	174	1322	954	Unit under project mode*			
TAPS-2	1297	500	935	1001	937	1234	341	Unit under project mode*		
TAPS-3	4545	4530	4159	3680	4354	3827	3877	3829	4636	4148
TAPS-4	3713	4573	4530	2013	4154	4522	3669	4774	4349	3965
RAPS-1	Under Extended Shutdown									
RAPS-2	1282	1226	1106	1555	959	1410	429	1453	733	1605
RAPS-3	1720	1845	1618	1877	1550	1705	1699	1563	1024	Unit under project mode*
RAPS-4	1995	1668	1936	1656	1820	1688	1816	1723	1239	1701
RAPS-5	1628	1950	1715	1974	1720	1946	1427	1869	1661	1986
RAPS-6	1109	1773	1096	1543	1986	1703	2015	1702	1923	1768
MAPS-1	1318	1861	1465	1194	Unit under project mode*					
MAPS-2	1299	1349	1739	1781	1491	1843	1704	1089	1786	1592
NAPS-1	1341	1803	1655	1836	1498	1900	1738	1828	1542	1521
NAPS-2	1550	1630	1724	1800	1664	1891	1547	1753	1651	1353
KAPS-1	1943	1608	Unit under project mode*			1467	1817	1852	1793	1967
KAPS-2	1586	421	Unit under project mode*		1000	1962	1896	1652	1846	1708
KAPS-3	Unit under construction / commissioning									3932
KAPS-4	Unit under construction / commissioning									3
KAIGA-1	1695	1918	1742	1927	1600	1841	1903	1607	1855	1643
KAIGA-2	1450	1834	1708	1885	1939	1773	1592	1805	1687	1935
KAIGA-3	1567	2078	1063	1898	1662	1838	1635	2059	2073	1918
KAIGA-4	1751	1842	2021	1824	2016	1827	1964	2021	1829	2006
KKNPP-1	2087	2261	6212	4437	2797	7115	5638	7009	7035	6656
KKNPP-2	Unit under construction/ commissioning		13	4281	3345	4029	6323	7527	7191	6563

Note: The electricity generation figures are rounded-off.

*During project mode, a unit ceases to generate electricity for taking up activities such as major refurbishment, renovation and modernization etc.
