

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2881
ANSWERED ON:30.07.2014
ATOMIC POWER GENERATION CAPACITY
Biju Shri Parayamparanbil Kuttappan

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the details of nuclear power generated by atomic power plants during each of the last three years and the current year along with their generation capacity, plant-wise;
- (b) whether some of these plants are not generating nuclear power as per their capacity;
- (c) if so, the details thereof, plant-wise and the reasons therefor; and
- (d) the steps taken/proposed to be taken by the Government to increase the power generation from these plants in the country?

Answer

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

(a) The details are as follows:

Unit	Location	Capacity (MW)	2011-12	2012-13	2013-14	2014-15
Generation in Million Units (MUs) (April- June)						
TAPS-1	Tarapur,	160	1371	577	1322	344
TAPS-2	Maharashtra	160	1337	1007	806	334
TAPS-3		540	4325	4373	3739	1078
TAPS-4		540	2781	3866	4017	972
RAPS-1#	Rawatbhata,	100#				
RAPS-2	Rajasthan	200	1821	1584	1688	394
RAPS-3		220	1938	1757	1946	473
RAPS-4		220	1645	1926	1772	499
RAPS-5		220	1974	1760	2041	497
RAPS-6		220	1764	1819	1787	264
MAPS-1	Kalpakkam,	220	1240	1485	1354	336
MAPS-2	Tamil Nadu	220	1276	1257	761	368
NAPS-1	Narora,	220	1047	1226	1490	222
NAPS-2	Uttar Pradesh	220	937	1315	1214	333
KAPS-1	Kakrapar,	220	1919	1832	1862	479
KAPS-2	Gujarat	220	1868	1639	1891	243
KGS-1	Kaiga,	220	1270	1464	1587	394
KGS-2	Karnataka	220	1381	1270	1740	395
KGS-3		220	1231	1447	1759	329
KGS-4		220	1330	1259	1454	277
#KKNPP	Kudankulam,	1000		1106	1182	
	-1 Tamil Nadu					
RAPS-1	under extended shutdown since October 2004					
#KKNPP-1	connected to the grid in October 2013, generating infirm power					

Figures are rounded off

(b) Yes, Sir.

(c) Ten nuclear power reactors namely Tarapur Atomic Power Station Units -3&4 (TAPS 3&4) (2X540 MW), Madras Atomic Power Station Units -1&2 (MAPS 1&2) (2X220 MW), Narora Atomic Power Station Units -1&2 (NAPS-1&2) (2X220 MW) and Kaiga Generating Station Units -1 to 4 (KGS- 1 to 4) (4X220 MW) use indigenous fuel which is not available in the required quantity. These reactors are accordingly being operated at lower than rated power level matching the fuel supply.

(d) The government is making efforts to augment domestic fuel supply by opening new mines and processing facilities.