

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.621
TO BE ANSWERED ON 29.11.2012

GENERATION CAPACITY BY ATOMIC ENERGY PLANTS

621. SHRI AMBETH RAJAN:

Will the PRIME MINISTER be pleased to state:

- (a) whether all the Atomic Energy Plants installed in the country are generating energy as per their installed capacity;
- (b) if so, the details of energy generated during the last three years; and
- (c) if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

- (a) No, Sir.
- (b) The electricity generation from nuclear power plants during the last three years 2009-10, 2010-11 and 2011-12 has been 18831, 26473 and 32455 Million Units respectively.
- (c) Out of twenty nuclear power reactors with an installed capacity of 4780 MW, one reactor at Rajasthan Atomic Power Station (RAPS Unit-1, 100 MW) is under extended shut down. Of the nineteen reactors in operation, ten reactors with a capacity of 2840 MW are fuelled by indigenous uranium, which is not available in the required quantity. Some of these are accordingly being operated at lower power levels matching the fuel supply. However, there has been a progressive improvement in supply of indigenous uranium, with corresponding improvement in the capacity factors of these reactors. The remaining nine reactors with a capacity of 1840 MW are under International Atomic Energy agency (IAEA) safeguards and use imported fuel which is available in the required quantity. These reactors are operating at rated capacity.
