

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

STARRED QUESTION NO:306

ANSWERED ON:24.08.2011

ATOMIC ENERGY GENERATION

Biju Shri P. K.;Rathwa Shri Ramsinhbhai Patalbhai

**Will the Minister of ATOMIC ENERGY be pleased to state:**

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

**Answer**

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

- (a) to (d) A statement is laid on the Table of the House

STATEMENT REFERRED IN REPLY TO LOK SABHA STARRED QUESTION NO.306 BY SHRI RAMSINH RATHWA AND SHRI P.K. BIJU REGARDING ATOMIC ENERGY GENERATION FOR ANSWER ON 24.08.2011

(a)&(b) Out of 20 nuclear power reactors with the installed capacity of 4780 MW, 19 reactors are in operation. One reactor (first PHWR , RAPS-1) is under extended shut down condition to meet regulatory requirements. Ten reactors with a capacity of 2840 MW comprising KGS 1 to 4 (4 x 220 MW), NAPS 1&2 (2 x 220 MW), MAPS 1&2 (2 x 220 MW) and TAPS 3 &4 (2 x 540 MW) are fuelled by indigenous fuel, which is not available in the required quantity. These are, accordingly, being operated at lower power levels matching the fuel supply. The remaining 9 reactors which are under International Atomic Energy Agency (IAEA) safeguards use imported fuel. These reactors are operating at rated capacity.

- (c) The details are given in the annexure.

(d) The Government is making efforts to augment domestic fuel supplies by opening new mines and processing facilities. The efforts of the Government have resulted in improvement of domestic fuel supplies from the year 2009-10 onwards.