

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

STARRED QUESTION NO:398

ANSWERED ON:21.12.2011

HEAVY AND LIGHT WATER REACTORS

Rathwa Shri Ramsinhbhai Patalbhai; Roy Shri Nripendra Nath

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the details of the Heavy and Light Water Reactors installed in the various Nuclear Power Plants in the country alongwith the power generated by these reactors, separately during the current five year plan;
- (b) the per unit cost of production of nuclear energy in the country;
- (c) whether nuclear energy is costlier in the country than that in other developing countries; and
- (d) if so, the details thereof and the steps taken/proposed to be taken by the Government to bring down the cost of nuclear energy?

Answer

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

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

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 398 FOR ANSWER ON 21.12.2011 BY SHRI NRIPENDRA NATH ROY SHRI RAMSINH RATHWA REGARDING HEAVY AND LIGHT WATER REACTORS

- (a) The present installed nuclear power capacity of 4780 MW in the country comprises of two Light Water Reactors (LWRs) with a capacity of 320 MW and eighteen Pressurised Heavy Water Reactors (PHWRs) with a capacity of 4460 MW. The generation from LWRs and PHWRs during the current five year plan upto November 2011 has been 11569 Million Units and 86918 Million Units, respectively.
- (b) The average tariff of nuclear power in the year 2010-11 was rs 2.49 per unit.
- (c) No, Sir.
- (d) Does not arise.