

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:3841  
ANSWERED ON:06.08.2014  
PER UNIT COST OF ENERGY .  
Godse Shri Hemant Tukaram

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

- (a) the estimated per unit cost of energy from atomic energy;
- (b) whether the Government has conducted any study to support the trends in the new installations of atomic energy in the developed countries and if so, the details thereof;
- (c) whether the developed countries have stopped installing any atomic plants and if so, the reasons therefor;
- (d) whether India is being treated as one of the most desired destinations for the nuclear suppliers; and
- (e) if so, the details thereof and the reaction of the Government thereto?

**Answer**

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

- (a) The notified tariffs of electricity generated by nuclear power plants in India range from 95 Paise per unit in respect of the first station, Tarapur Atomic Power Station (TAPS) Units 1&2 to 341 Paise per unit in case of the latest station, Rajasthan Atomic Power Station (RAPS) Units 5&6. The average tariff for the electricity generated by the nuclear power plants for the year 2013-14 is 271 paise per unit.
- (b) India has the requisite expertise to design and construct nuclear power plants with latest technology and safety designs. India is not only well familiar with the trends in the designs of new installations of atomic energy in the developed countries, but also is among the leading countries in the world for the development of advanced nuclear technologies including passive safety technologies, nuclear waste management technologies, fast breeder reactors, and thorium utilisation technologies. New designs based on international best practices are incorporated in our evolving new designs.
- (c) No, Sir. Several developed countries like the USA, Russian Federation, France etc. are constructing nuclear power plants.
- (d)&(e) Considering India's large nuclear power expansion plans, global nuclear suppliers are interested in technical cooperation for setting up nuclear power plants in India. Nuclear Power Corporation of India Limited (NPCIL) is having discussions with Atomstroyexport of Russian Federation, M/s Areva and ALSTOM of France, Westinghouse and GE Hitachi of USA for setting up of nuclear power plants in the country.