

the fuel supply. However, there has been a significant improvement in domestic fuel availability over time owing to the efforts of the Government in opening new mines and processing facilities. Extensive Uranium exploration activities have led to increase in quantum of *in-situ* Uranium reserves in the country during the period April 2007 to May 2013 from 1,07,268 te U₃O₈ (equivalent to 90960 te Uranium) to 2,11,473 te U₃O₈ (equivalent to 1,79,325 te Uranium).

Atomic energy for civil purposes

905. SHRI TARUN VIJAY: Will the PRIME MINISTER be pleased to state:

(a) the status of atomic energy produced in India for Civil purposes, the quantum and its cost; and

(b) where and in what way the atomic energy is being utilized in India for power and other civil needs, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) The present installed nuclear power capacity in the country is 4780 MW comprising 20 reactors. In addition, 1000 MW capacity (KKNPP-1) has also been connected to the grid in October 2013 and the unit is generating infirm power reaching the full capacity of 1000 MW on June 7, 2014. In the year 2013-14, nuclear power plants generated 35,333 Million Units (MU) of electricity (including 106 MUs infirm power from KKNPP-1). The average generation tariff of nuclear power in 2013-14 was about ₹ 2.71 per unit.

(b) Nuclear power plants in operation and generating electricity are located at Tarapur in Maharashtra, Rawatbhata in Rajasthan, Kalpakkam and Kudankulam in Tamil Nadu, Narora in Uttar Pradesh, Kakrapar in Gujarat and Kaiga in Karnataka. Besides power generation, atomic energy provides benefits in several fields including in food, agriculture, healthcare, industrial applications and research & development and education. These applications are widespread in several parts of the country.

Production of atomic energy in States

†906. SHRI LAL SINH VADODIA: Will the PRIME MINISTER be pleased to state:

(a) the names of the States of the country where electricity is produced from atomic energy;

(b) the names of the States where Government plans to produce atomic energy in the forthcoming years; and

†Original notice of the question was received in Hindi.