

**THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (SHRI SATYABRATA MOOKHERJEE):** (a) to (b) The present nuclear power capacity in the country is 2720 MWe which is about 2.6% of total installed capacity in the country from all sources. During the financial year 2001-02, the electricity generated from nuclear power stations was about 19400 Million Units (MUs) constituting about 3.7% of the total electricity generated in the country from all sources.

(c) Nuclear power stations are generating and supplying electricity to State Electricity Boards at competitive tariffs, and the cost of maintenance is included in the tariff. The relatively smaller share of electricity from nuclear power stations is on account of the small capacity base of nuclear power, and not on account of performance of the nuclear power stations.

(d) and (e) The performance of nuclear power stations has considerably improved over the years and is presently very much comparable with world average. Upgradation and modernisation are regular activities taken up in all our nuclear power plants with a view to increase plant life and enhance safety.

### **Setting up of Atomic Power Plants**

1550. SHRI S.M. LALJAN BASHA:  
SHRI T.S. BAJWA:

Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government have proposals to set up more plants to generate atomic energy for peaceful purposes;

(b) if so, what are the plans for such an expansion in the Tenth Plan;

(c) whether adequate finance has been identified for this purpose;

(d) the details of the new locations where such power plants would be set up;

(e) whether any State Governments have come forward to participate in such projects; and

(f) if so, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (SHRI SATYABRATA MOOKHERJEE): (a) Yes, Sir.

(b) During the X Plan, it is planned to increase the present nuclear power capacity to 4020 MWe by completing the projects TAPP-3&4 and Kaiga-3, Kaiga-4, Kudankulam-1&2 and RAPP-5&6 are scheduled for completion by the first two years of the XI Plan. Work on these projects is progressing as per schedule. On completion of these projects by December 2008, the total nuclear power generation capacity in the country would rise to 6680 MWe.

(c) Yes, Sir.

(d) The projects under execution are at Tarapur in Maharashtra, Kaiga in Karnataka, Kudankulam in Tamil Nadu and Rawatbhata in Rajasthan. More projects, subject to availability of financial resources, are also planned to be taken up. The Government has not taken any decision on sites for future projects beyond those that are at present under construction.

(e) The funding pattern of nuclear power projects currently under execution does not envisage any direct participation in the investment by the State Governments.

(f) Not applicable in view of (e) above.

### **Atomic Power Generation**

1551. SHRI RAMA MUNI REDDY SIRIGIREDDY: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that India is procuring nuclear reactors from Russia and other Western countries to boost atomic power generation in the country;

(b) if so, the details thereof;

(c) whether it is also a fact that USA is also extending its helping hand to cooperate with India in the field of civil nuclear energy; and

(d) if so, the details of the cooperation sought by India and accepted by the USA?