

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2525
ANSWERED ON:22.07.2009
GENERATION OF ATOMIC POWER
Verma Shri Sajjan Singh

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the quantum of power in megawatt which will be generated through nuclear power in the country after implementation of the Nuclear Agreement;
- (b) the time by when the extra power generated by nuclear power plants is likely to be added;
- (c) whether the said power is likely to cost less than the power generated from other sources;
- (d) if so, the generation cost per unit thereof;
- (e) whether this power is likely to be made available to farmers, SC/ST and OBCs at cheaper rates;
- (f) if so, the details thereof; and
- (g) if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES (INDEPENDENT CHARGES), PMO, PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PARLIAMENTARY AFFAIRS(SHRI PRITHVIRAJ CHAVAN)

- (a) The planning is to add about 40,000 MWe of nuclear power capacity based on international cooperation progressively.
- (b) Based on start of work on the first set of reactors in the XI Plan, the capacity addition can commence from 2018.
- (c) The cost of generation from these power reactors will need to be comparable to cost from other contemporary sources for base load generation.
- (d) The generation cost data will be available after Detailed Project Reports are finalized.
- (e) to (g) The power generated by the nuclear power reactors, like power from all other sources, is put in the electric grids from where power is available to all beneficiaries.