

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:1736
ANSWERED ON:04.05.2016
Power Plants for Cheap Power Generation
Shiyal Dr. Bharati Dhirubhai

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Government is planning to install more Nuclear Power Plants for generation of power/electricity at cheap rates through nuclear energy;
- (b) if so, the details thereof and if not, the reasons therefor; and
- (c) the number of nuclear power plants in the country at present?

Answer

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

(a)&(b) Yes, Sir. At present, six nuclear power plants with a total capacity of 4300 MW are at various stages of construction/commissioning. Two projects with a total capacity of 3400 MW have been accorded sanction. Of these, at one project, KKNPP 3&4 (2x1000 MW) at Kudankulam, Tamil Nadu, excavation has commenced. The other project, Gorakhpur Haryana Vidyut Pariyojna Units 1&2 (2X700 MW) is being readied for launch soon. Projects based on both indigenous technology and with foreign technical cooperation are also planned in future. Nuclear power is a viable source of electricity generation. The present tariffs of nuclear power are comparable to those of the contemporary conventional base load power generating units (like coal based thermal power) located in the area/region. The tariffs of nuclear power in future are expected to be comparable to those of other sources of electricity generation.

(c) At present, there are 21 operational nuclear power plants (total capacity 5780 MW) in the country.
