

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:1820
ANSWERED ON:04.08.2010
ATOMIC PLANT IN GUJARAT
Premajibhai Dr. Solanki Kiritbhai

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the total number of nuclear power plants in the country particularly in Surat and their power generation capacity Plant wise;
- (b) the actual quantum of power generation by these plants, plant-wise;
- (c) the reasons for difference, if any, in their capacity and actual generation of power; and
- (d) the steps taken by the Government to ensure their full power generation capacity?

Answer

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

- (a) There are 19 nuclear power reactors with a capacity of 4560 MW in operation in the country, including two reactors KAPS 1&2 (2 x 220 MW) at Kakrapar near Surat. The details are attached.
- (b) KAPS Unit 1 was shut down for renovation and modernisation which is nearing completion. Unit 2 is operating at about 60%.
- (c) Unit 2 operated at lower power on account of non availability of indigenous natural uranium fuel in the required quantity.
- (d) Placement of KAPS-1&2 under International Atomic Energy Agency safeguards in this year and use of imported fuel thereafter will ensure operation of both reactors at full power.