

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:1779  
ANSWERED ON:04.08.2010  
NUCLEAR POWER PLANTS  
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**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) the details of nuclear power plants presently functioning in the country alongwith their actual capacity and the quantity of power generated by these plants;
- (b) the number of plants closed due to non-availability of uranium for their operations;
- (c) the steps taken/proposed to be taken to make available sufficient uranium to these plants for their operations;
- (d) whether several nuclear power plants could not be timely commissioned;
- (e) if so, the reasons therefor and the actual cost and time overruns of these plants; and
- (f) the steps taken/proposed to be taken by the Government to expedite the completion of these plants without further delay?

**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) The details are attached.

(b) No reactor has been shut down due to shortage of fuel. However, nine reactors (2620 MW) are being operated at lower power level. In addition, NAPS-2 and KAPS-1, both of 220 MW, after completion of renovation and modernization, have not been restarted due to non availability of fuel.

(c) Resulting out the efforts of the government, there has been an improvement in fuel supply. The efforts on opening of new mines and processing facilities are continuing.

(d)&(e) The details are :

Unit (MW)	Capacity	Commercial Operation	Scheduled Date	Actual Date	Reason for delay
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RAPP 5	220	August 2007	February 2010		Non availability of fuel, time taken
RAPP 6	220	February 2008	March 2010		to access international cooperation.

Kaiga-4	220	September 2007	Expected to be operational by 3rd quarter of 2010-11		Non availability of fuel.
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KK-1	1000	December 2007	Expected to be operational by 4th quarter of 2010-11		Delay in sequential supplies of some of the equipment
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KK-2	1000	December 2008	Expected to be operational by 2nd quarter of 2011-12		from Russian Federation.
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There is no cost overrun in respect of RAPP 5&6 which have since been commissioned and also Kaiga-4. The revised cost estimates (RCE) of KK 1&2 are being worked out.

(f) The government is making efforts to provide fuel for Kaiga-4 and equipment from Russian Federation in respect of KK 1&2.