

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:4428
ANSWERED ON:21.12.2011
KUDANKULAM NUCLEAR POWER PLANT
Naik Shri Shripad Yesso

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the initial estimated cost and schedule fixed for the Kudankulam Nuclear Project;
- (b) the details of the time and cost overruns of various atomic power plants under construction including Kudankulam nuclear power plant;
- (c) whether the Government has received assistance/loan from any of the foreign countries for the Kudankulam power plant; and
- (d) if so, the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRIV. NARAYANASAMY)

(a) The approved cost of Kudankulam Nuclear Power Project, Units 1&2 (KKNPP 1&2 - 2 x 1000 MW) was rs 13,171 crore and were scheduled to be completed by December 2007 and December 2008, respectively.

(b) Four nuclear power projects are presently under construction viz. KKNPP Units 1&2 at Kudankulam in Tamilnadu; Kakrapar Atomic Power Project (KAPP) Units 3&4 (2x700 MW) at Kakrapar in Gujarat; Rajasthan Atomic Power Plant (RAPP) Units 7&8 (2x700 MW) at Rawatbhata in Rajasthan and Prototype Fast Breeder Reactor (PFBR-500 MW) at Kalpakkam in Tamilnadu.

Currently, no time/cost overrun is expected in respect of KAPP Units 3&4 and RAPP Units 7&8 projects. The construction of KKNPP, set up in technical cooperation with Russian Federation, was commenced in March 2002. The project has been delayed due to non-sequential deliveries of equipments from the Russian Federation. Though the project reached advanced stage of completion with commissioning scheduled in 2011-12, the start up of the project has been delayed. The project is now expected to be completed early in the 12th Five Year Plan at an estimated revised cost of ` 15,824 crore. The PFBR was scheduled to be completed in March 2011 with an approved cost ` 3,492 crore. Being first of its kind in the country, development of complex and advanced technologies, development of special materials & procedures and equipment of exacting standards took more time resulting in delay of its completion. The project is now expected to commence power operations in March 2015. The estimated revised completion cost of the project is ` 5,677 crore.

(c) Yes, Sir.

(d) The Russian Federation has extended a state credit of ` 6,416 crore for KKNPP Units 1&2.