

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.1396
TO BE ANSWERED ON 06.12.2012

INDO-US AGREEMENT REGARDING NUCLEAR POWER PROJECTS

1396. SHRIMATI MAYA SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) the places where works for installing nuclear power projects in India has been started following Indo-US atomic agreement and numbers of places where nuclear power projects are proposed;
- (b) the details of power production from such proposed/installed plants and time by when the production is likely to commence;
- (c) the places where people are agitating against the installation of such nuclear power plants and their apprehensions regarding the damage from such nuclear power plants;
- (d) whether the nuclear power is costlier than other sources of power; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

(a)&(b) After opening up of international civil nuclear commerce for India, construction has started on two indigenous nuclear power projects viz. Kakrapar Atomic Power Project Units 3&4 (2X700 MW) at Kakrapar in Gujarat and Rajasthan Atomic Power Project Units 7&8 (2X700 MW) at Rawatbhata in Rajasthan in the year 2010 and 2011 respectively. As per schedule, power generation from these four units amounting to 2800 MW is expected to begin by end of XII Five Year Plan.

The XII Five year Plan envisages start of work on 19 nuclear power reactors with capacity of 17400 MW. The details are as under:

Project	Location	Capacity (MW)
Indigenous Reactors		
Gorakhpur, Units 1&2	Gorakhpur, Haryana	2X700
Chutka , Units 1&2	Chutka, Madhya Pradesh	2X700
Mahi Banswara, Units 1&2	Mahi Banswara, Rajasthan	2X700
Kaiga , Units 5&6	Kaiga, Karnataka	2X700
Fast Breeder Reactor Units 1&2	Kalpakkam, Tamil Nadu	2X500
Advanced Heavy Water Reactor	Site to be decided	300
Reactors with Foreign technical cooperation		
Kudankulam Units 3&4	Kudankulam, Tamil Nadu	2X1000
Jaitapur Units 1&2	Jaitapur, Maharashtra	2X1650
Kovvada Units 1&2	Kovvada, Andhra Pradesh	2X1500
Chhaya Mithi Viridi Units 1&2	Chhaya Mithi Viridi, Gujarat	2X1100

The power generation from the proposed projects will flow in the XIII / early XIV Five Year Plan period.

- (c) There have been sporadic instances of opposition by some sections of the people at most of the proposed sites on issues of compensation, Resettlement & Rehabilitation (R&R) and apprehensions about safety of nuclear power plants which are addressed through a massive outreach programme using multipronged approach.
- (d)&(e) No, Sir. The nuclear power tariffs are comparable to those of contemporary thermal power plants located in the area.
