

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2053

ANSWERED ON:05.12.2012

ATOMIC POWER PLANTS

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Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the locations where Atomic Power Plants (APPs) are under construction in the country post Indo-US Nuclear Deal and the places where atomic power plants are proposed to be set up;

(b) the quantum of electricity estimated to be generated from these power plants, plant-wise and the time by which power generation is likely to start;

(c) the locations where protests are going on; and

(d) the details of the concerns raised by protesters, plant-wise?

Answer

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

(a)&(b) Post International cooperation, construction has been started on two indigenous nuclear power projects in the year 2010 and 2011 viz. Kakrapar Atomic Power Project Units 3&4 (KAPP Units 3&4 - 2X700 MW) at Kakrapar in Gujarat and Rajasthan Atomic Power Project Units 7&8 (RAPP Units 7&8 - 2X700 MW) at Rawatbhata in Rajasthan. As per schedule power generation from these four units, amounting to 2800 MW, is planned to begin by end of XII Five Year Plan. In addition, the construction of six indigenous nuclear power projects are planned to commence during XII Five year Plan. The details thereof are as under:

Indigenous Reactors

Project	Location	Capacity (MW)
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Gorakhpur, Units 1&2	Gorakhpur, Haryana	2X700
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Chutka , Units 1&2	Chutka, Madhya Pradesh	2X700
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Mahi Banswara, Units 1&2	Mahi Banswara, Rajasthan	2X700
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Kaiga , Units 5&6	Kaiga, Karnataka	2X700
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Fast Breeder Reactor Units 1&2	Kalpakkam, Tamil Nadu	2X500
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Advanced Heavy Water Reactor	Site to be decided	300
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Reactors with Foreign technical cooperation

Project Location Capacity (MW)

Kudankulam Units 3&4 Kudankulam, Tamil Nadu 2X1000

Jaitapur Units 1&2 Jaitapur, Maharashtra 2X1650

Kovvadda Units 1&2 Kovvada, Andhra Pradesh 2X1500

Chhaya Mithi Viridi Chhaya Mithi Viridi, Gujarat 2X1100
Units 1&2

The power generation from the proposed projects is planned to commence in the XIII/ earlyXIV Five Year Plan period based on their actual start date.

(c)&(d) There has been opposition by certain sections of the people at most of the new sites, mainly on issues of compensation, Resettlement & Rehabilitation (R&R) and apprehensions about safety of nuclear power plants.