

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO.326**  
TO BE ANSWERED ON 23.07.2015

**PROJECTS FOR NUCLEAR POWER GENERATION**

326. SHRI D.P. TRIPATHI:  
SHRI B.K. HARI PRASAD:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the projects for nuclear power generation proposed by Government in the last two Five Year Plans along with the success achieved in this regard and the names and sites where such projects have been commissioned/are pending during the said period;
- (b) the amount of total power generation that is shared with Maharashtra and Karnataka separately; and
- (c) the total number of nuclear power projects pending for approval from Government, State-wise and the reasons for the pendency, project-wise?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

- (a) The details of projects proposed as part of the X Plan and XI Plan (last two Five year Plans) and their status is given in Annexure.
- (b) The power generated by nuclear power plants is allocated to beneficiary states and union territories in the electricity region by Ministry of Power.

The current share of Maharashtra is as follows:

Station & Capacity	Approximate Share (%)
Tarapur Atomic Power Station Units 1&2 (TAPS 1&2) (320 MW)	50
Tarapur Atomic Power Station Units 3&4 (TAPS 3&4) (1080 MW)	41
Kakrapar Atomic Power Station Units 1&2 (KAPS 1&2) (440 MW)	34

The current share of Karnataka is as follows:

Station & Capacity	Approximate Share (%)
Madras Atomic Power Station (MAPS) (440 MW)	7
Kaiga Generating Station Units 1&2 (KGS 1&2) (440 MW)	27
Kaiga Generating Station Units 3&4 (KGS 3&4 ) (440 MW)	30
Kudankulam Nuclear Power Project Unit 1 (KKNPP-1) (1000 MW)	22

- (c) There are presently no proposals for nuclear power projects pending with the Government for approval.

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## Annexure

Scheme	Status
<b>X Plan</b>	
<b>a. Ongoing Schemes</b>	
TAPP 3&4 (2X540 MW), Tarapur, Maharashtra	Unit 3 completed in August 2006, Unit 4 in September 2005
Kaiga 3&4 (2X220 MW), Kaiga, Karnataka	Unit 3 completed in May 2007, Unit 4 in January 2011
KKNPP 1&2 (2X1000 MW), Kudankulam, Tamil Nadu	Unit-1 completed in December 2014, Unit-2 expected to be completed in 2015-16
<b>b. New Schemes</b>	
RAPP 5&6 (2X220 MW), Rawatbhata, Rajasthan	Completed in 2010
7NP 1&2 (2X700 MW)	'in principle' approval for sites obtained in X Plan
7 NP 3&4 (2X700 MW) Pre-project Activities	
LWR 3&4 (2X1000 MW)	
LWR 5&6 (2X1000 MW) Pre-project Activities	
PFBR (500 MW), Kalpakkam, Tamil Nadu	Expected to be completed in September 2016
AHWR (300 MW)	Rescheduled to XII Plan
<b>XI Plan</b>	
<b>a. Ongoing Schemes</b>	
Kaiga 3&4 (2X220 MW), Kaiga, Karnataka	Unit 3 completed in May 2007, Unit 4 in January 2011
KKNPP 1&2 (2X1000 MW), Kudankulam, Tamil Nadu	Unit-1 completed in December 2014, Unit-2 expected to be completed in 2015-16
RAPP 5&6 (2X220 MW), Rawatbhata, Rajasthan	Completed in 2010
PFBR (500 MW), Kalpakkam, Tamil Nadu	Expected to be completed in September 2016
<b>b. New Schemes</b>	
KAPP 3&4 (2X700 MW), Kakrapar, Gujarat (7NP 1&2)	Under Construction
RAPP 7&8 (2X700 MW), Rawatbhata, Rajasthan (7NP 3&4)	Under Construction
7 NP 5&6 (2X700 MW)	'in principle' approval for Gorakhpur, Haryana Site obtained. Pre-project activities started in XI Plan. Financial sanction accorded, being readied for start of construction
7NP 7&8 (2X700 MW) Pre-project Activities	'in principle' approval for Chutka, Madhya Pradesh Site obtained. Pre-project activities taken up.
KKNPP 3&4 (2X1000 MW) Kudankulam, Tamil Nadu	Financial Sanction accorded, being readied for start of construction
JNPP 1&2 (2X1650 MW), Jaitapur, Maharashtra	Pre-project activities taken up, project proposal under discussion with Areva, France
KKNPP 5&6 (2X1000 MW), Kudankulam, Tamil Nadu	Deferred for future
LWR 11&12 (2X1000 MW)	'in principle' approval for Chhaya Mithi virdi, Gujarat site obtained. Pre-project activities started in XI Plan.
JNPP 3&4 (2X1650 MW), Jaitapur, Maharashtra	Deferred for future
LWR 13&14 (2X1000 MW)	'in principle' approval for Kovvada, Andhra Pradesh site obtained. Pre-project activities started in XI Plan.
FBR 1&2, (2X500 MW)	Pre-project activities taken up
AHWR (300 MW)	Deferred to XII Plan

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