

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

STARRED QUESTION NO:289

ANSWERED ON:25.04.2012

GLOBAL CENTRE AND ENERGY PARKS

Majhi Shri Pradeep Kumar;Patel Shri Kishanbhai Vestabhai

**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) whether the Government proposes to set up a global centre for nuclear energy partnership;
- (b) if so, the details and the current status thereof;
- (c) whether the Government has also approved setting up of energy parks in the country;
- (d) if so, the details thereof and the status of each of such park as on date; and
- (e) the details of the steps taken by the Government to expedite the completion of global centre and energy parks?

**Answer**

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

(a) to (e) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO.289 FOR ANSWER ON 25.04.2012 BY SHRI PRADEEP MAJHI AND SHRI KISHANBHAI V. PATEL REGARDING. GLOBAL CENTRE AND ENERGY PARKS

(a) & (b) Yes, Sir. In September 2010, the Central Government approved the establishment of Global Centre for Nuclear Energy Partnership (GCNEP) at village Jasaur Kheri & Kheri Jasaur, Near Bahadurgarh, District Jhajjar, Haryana. Two plots of land measuring 130 acres for the Institute at village Kheri Jasaur and 105 acres for the Township at village Jasaur Kheri have been acquired at a cost of `78 Crore. The proposed centre (GCNEP) will provide facilities related to advanced education, research and training in the field of proliferation resistant nuclear system designing, nuclear security, radiological safety, nuclear material characterisation and applications of radiation technologies and radioisotopes.

(c) & (d) Yes, Sir. The Central Government has accorded in principle approval of coastal sites at Chhaya Mithi Viridi in Gujarat, Kowada in Andhra Pradesh, Haripur in West Bengal, Jaitapur in Maharashtra and Kudankulam in Tamil Nadu for setting up of nuclear power parks of 6000 to 10000 MW comprising large capacity Light Water Reactors (LWRs) based on foreign technical co-operation. Currently pre-project activities are in progress at these sites. The work at those sites is planned to be taken up in phases at each site starting with twin reactors in first phase followed by launch of next pair in second phase and third phase respectively, with a gap of about four years between the two phases. The details of the sites for nuclear power parks and their current status are as follows:

Site	State	Capacity (MW)	Present Status
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Kudankulam	Tamil Nadu	4 X 1000	# Land available, Environmental Clearance from MoEF obtained, proposal for financial sanction of KK 3&4 under consideration of Government.
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Jaitapur	Maharashtra	6 X 1650	Land title transferred to NPCIL, Environmental and CRZ clearances from MoEF obtained, discussions with M/s. Areva on project proposal for JNPP 1&2 in progress.
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Kovvada	Andhra Pradesh	6 X 1000##	Land acquisition proceedings in progress, ToRs for EIA studies approved by MoEF, EIA studies in progress.
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Chhaya Mithi Gujarat 6 X 1000##  
Virdi

Haripur West Bengal 6 X 1000 Pre-project activities are initiated.

# The first pair KK 1&2 (2X1000 MW) at advanced stage of commissioning

## Nominal Capacity

(e) To expedite the completion of work of GCNEP, the Central Government has sanctioned `147 Crore in September 2010. Land acquisition for the project has been completed and approval for award of contract for Architectural Consultancy to prepare the Master Plan has been accorded.

As regards energy parks, the Central Government has accorded in principle approval for setting up of nuclear energy parks based on large capacity Light Water Reactors (LWRs) at Kudankulam, Haripur, Jaitapur, Kowvada and Chhaya Mithi Virdi. Pre-project activities are in progress at these sites. The work at these sites is planned to be taken up in phases starting with twin reactors in first phase at each site followed by launch of next pair in second phase and third phase respectively, with a gap of about four years between the two phases. In the XII Five Year Plan, work is planned to be started on construction of one set of twin units at Kudankulam (KK 3&4), Jaitapur (JNPP 1&2), Kowvada (Kowvada 1&2) and Chhaya Mithi Virdi (Mithi Virdi 1&2). Pre-project activities are planned at Haripur.