

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3654
ANSWERED ON:01.12.2010
GLOBAL CENTRE FOR NUCLEAR ENERGY PARTNERSHIP
Deora Shri Milind Murl

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Government intends to set up a global centre for nuclear energy partnership;
- (b) if so, the details thereof;
- (c) the reasons behind the initiative;
- (d) whether the Government has also granted in-principle approval to five energy parks at five coastal sites in India;
- (e) if so, the details thereof;
- (f) the time-frame for the establishment of the energy parks; and
- (g) the increase in the installed nuclear power capacity as determined by the Government because of the above initiative?

Answer

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V. NARAYANASAMY) :

(a) Yes, Sir.

(b) & (c) As nuclear energy expands world wide, there has to be a science based approach by developing nuclear systems that are intrinsically safe and secure and proliferation resistant. India is in a position to make an important contribution towards this as a country with advanced nuclear technology with comprehensive capability over all aspects of the nuclear fuel cycle and on the basis of its robust indigenous programme and by helping in fostering international cooperation to realize the above objectives. Based on this philosophy, Government of India has decided to setup a Global Centre for Nuclear Energy Partnership. It will be located at village-Kheri-Jassaur near Bahadurgarh, Haryana on nearly 200 acres area in two segments.

This is likely to facilitate national as well as international travelers being near to New Delhi airport and will work in the following four areas :

1. Advanced Nuclear Energy System Studies
2. Nuclear Security
3. Radiation Safety
4. Applications of Radioisotopes and Radiation Technology.

(d) Yes, Sir.

(e) The details are :

Sl.No. Location & State No. of Reactors & Capacity (MW)

1. Kudankulam, Tamilnadu # 4 X1000
2. Jaitapur, Maharashtra 6 X 1650
3. Kovvada, Andhra Pradesh 6 X 1000
4. Chhaya Mithi Virdi, Gujarat 6 X 1000
5. Haripur, West Bengal 6 X 1000

KK 1&2 (2X1000 MW) are already at an advanced stage of construction at the site

(f) The pre project activities at these sites are in hand. The plan is to commence work at above sites towards end of XI Five Year Plan / beginning of XII FiveYear Plan in a phased manner on the basis of setting up of two reactors in each phase at a site, with a lag of about three to four years between phases.

(g) A capacity of about 32000 MW will be added on realization of the potential of these sites.

