

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.1713
TO BE ANSWERED ON 08.12.2011

SITE FOR NUCLEAR POWER PLANT

1713. SHRI V.P. SINGH BADNORE:

Will the PRIME MINISTER be pleased to state:

- (a) the number of sites that have been identified or selected for Nuclear Power Plant in the country;
- (b) the details thereof;
- (c) whether these sites for Nuclear Power Plants have been cleared by various States;
- (d) if so, the details thereof; and
- (e) the criteria that has been made for these selections?

ANSWER

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

- (a) The Government has accorded 'in principle' approval of eleven sites for setting up nuclear power plants in future.
- (b) The details of sites for setting up nuclear power plants in future are as under

Site	District & State	Capacity (MW)
Gorakhpur	Fatehabad, Haryana	4X700
Chutka	Mandla, Madhya Pradesh	2X700
Mahi Banswara	Banswara, Rajasthan	4X700
Bhimpur	Shivpuri, Madhya Pradesh	4X700
Kaiga	Uttara Kannada, Karnataka	2X700
Kalpakkam	Kanchipuram, Tamilnadu	2X500
Kudankulam	Tirunelveli, Tamilnadu	4X1000
Jaitapur	Ratnagiri, Maharashtra	6X1650
Chhaya Mithi Virdi	Bhavnagar, Gujarat	6X1000
Kovvada	Srikakulam, Andhra Pradesh	6X1000
Haripur	East Midnapore, West Bengal	6X1000

- (c)&(d) Yes, Sir. The sites are jointly identified by the State Government concerned, Nuclear Power Corporation of India Limited (NPCIL) and Department of Atomic Energy for evaluation by a Site Selection Committee (SSC) appointed by the Government of India. The SSC comprises members from the Central Electricity

Authority, Ministry of Environment & Forests, Atomic Energy Regulatory Board (AERB) and constituent units of the Department of Atomic Energy etc. The reports of the SSC are considered by the Government and 'in principle' approval is accorded for obtaining statutory clearances and project approvals.

- (e) The sites are evaluated by the SSC based on criteria laid down in the AERB's 'Code of Practice on Safety in Nuclear Power Plant Siting'. The criteria, among others include foundation conditions, seismicity, meteorological conditions, flooding, distance from airports/air corridors, industries handling toxic/explosive substances, access by road/rail/sea, demand for power in the region, other energy options, possibility of power evacuation, availability of land and cooling water etc.
