

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4226
TO BE ANSWERED ON 21.03.2018

ISSUES CONCERNING INSTALLATION OF NEW NPPs

4226. SHRIMATI DARSHANA VIKRAM JARDOSH:

Will the PRIME MINISTER be pleased to state:

- (a) the action taken by the Government in coordination with concerned State Government and other entities to sort out issues like land acquisition etc. so as to facilitate early installation of new Nuclear Power Plants (NPPs) along with the achievements made so far;
- (b) whether the Government proposes to offer better rehabilitation/compensation package to the people affected by such new power plants;
- (c) if so, the details thereof and if not, the reasons therefor; and
- (d) the time by when the proposed new nuclear power stations are expected to be functional along with the details, thereof project-wise?

ANSWER

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

- (a) Nuclear Power Corporation of India Limited (NPCIL) is closely working with the respective State Governments to expedite land acquisition, finalization & implementation of rehabilitation packages. It is also in close coordination for obtaining various clearances to enable early start of construction of nuclear power projects. The land at 'In Principle' approved sites - Gorakhpur, Haryana and Jaitapur, Maharashtra is already acquired and is in progress at Kovvada, Andhra Pradesh. At other 'In Principle' approved Greenfield sites, namely Mahi Banswara, Rajasthan and Chutka, Madhya Pradesh, the process of land acquisition is in advance stage.

(b)&(c)The Rehabilitation and Resettlement (R&R) packages for Project Affected Persons are formulated by the respective State Governments in line with the prevailing central and state laws and policies. Nuclear Power Corporation of India Limited (NPCIL) funds the implementation of the packages. NPCIL also carries out neighbourhood welfare activities under its Corporate Social Responsibility (CSR) programme in the vicinity of the sites, in areas of Infrastructure, Healthcare, Education & Skill Development, Sanitation and Sustainable development.

(d) The present installed nuclear power capacity comprises of 22 nuclear power reactors with a total capacity of 6780 MW.

Projects Under Construction

A capacity of 6700 MW comprising of nine (09) nuclear power reactors (including Prototype Fast Breeder Reactor (PFBR), 500MW being implemented by BHAVINI) is at various stages of commissioning / construction. The details are as follows:

Project	Location & State	Capacity (MW)	Expected Completion
KAPP-3&4	Kakrapar, Gujarat	2 x 700	2019/20
RAPP-7&8	Rawatbhata, Rajasthan	2 X 700	2020/21
KKNPP- 3&4	Kudankulam, Tamil Nadu	2 X 1000	2023
GHAVP-1&2	Gorakhpur, Haryana	2 X 700	2024
PFBR	Kalpakkam, Tamil Nadu	1 X 500	2018

On the progressive completion of the above stated projects, the installed nuclear capacity will reach 13480 MW by the year 2024.

Projects Sanctioned & Under Pre-Project Activities

The Government has also accorded administrative approval and financial sanction for the following twelve (12) more reactors with a total capacity of 9000

MW in June-2017, which are scheduled to be completed progressively by the year 2031.

Project	State	Location	Capacity(MW)
Chutka-1&2	Madhya Pradesh	Chutka	2 X 700
Kaiga-5&6	Karnataka	Kaiga	2 X 700
Mahi Banswara- 1&2	Rajasthan	Mahi Banswara	2 X 700
GHAVP– 3&4	Haryana	Gorakhpur	2 X 700
Mahi Banswara- 3&4	Rajasthan	Mahi Banswara	2 X 700
KKNPP– 5&6	Tamil Nadu	Kudankulam	2 X 1000

Together with the capacity being implemented by BHAVINI, the total nuclear power capacity will reach 22480 MW by the year 2031.

‘In Principle’ approved sites for locating future Nuclear Power Plants

Further to this, the Government has accorded ‘In-Principle’ approval for the following sites for setting up nuclear power projects in future:

Site	Location & State	Capacity (MW)
Bhimpur, Units- 1 to 4	Bhimpur, Madhya Pradesh	4 X 700
Jaitapur, Units- 1 to 6	Jaitapur, Maharashtra	6 x 1650
Kovvada, Units- 1 to 6	Kovvada, Andhra Pradesh	6 x 1208
Chhaya Mithi Viridi, Units- 1 to 6	Chhaya Mithi Viridi, Gujarat	6 x 1000*
Haripur, Units – 1 to 6	Haripur, West Bengal	6 x 1000*

**Nominal Capacity*
