

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2405
TO BE ANSWERED ON 24.03.2022

STATUS OF WORK ON GORAKHPUR ATOMIC POWER PLANT

2405 Shri Deepender Singh Hooda:

Will the PRIME MINISTER be pleased to state:

- (a) the current status of work of the Gorakhpur Atomic Power Plant (GAPP) at village Gorakhpur in Fatehabad district, Haryana;
- (b) the status of land acquisition proceedings for the aforementioned Nuclear Power Plant (NPP);
- (c) the target date for completion of phase one of the said project;
- (d) the investment made so far by Government in this regard and total estimated cost likely to be incurred in the said project along with the quantum of direct and indirect employment likely to be generated from this NPP; and
- (e) the CSR activity undertaken by the Department of Atomic Energy (DAE) in the aforesaid area?

ANSWER

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

- (a) The nuclear power project at Gorakhpur site is planned to be implemented in two phases, viz. GHAVP-1&2 (2X700 MW) and GHAVP-3&4 (2X700MW). For GHAVP-1&2, all foundation piles have been completed in Nuclear Building-1 & 2. Presently, excavation for IDCT, Emergency Make Up Water Pond, Switch Yard, etc and ground improvement works in IDCT, Tunnel & Main Plant area, Turbine & 220KV Switchyard area are in progress. Purchase orders for End Shield Assemblies, Calandria Assemblies, Moderator Heat Exchangers, Steam Generators, Reactor Headers etc. and major packages viz. Turbine Island Package, Main Plant Electrical and Switchyard Packages, etc. have been placed.

In respect of GHAVP-3&4, pre-project activities at site and placement of orders for long delivery equipment are in progress.

- (b) Land acquisition has been completed at the Gorakhpur site in Haryana
- (c) The target date of completion of phase one i.e., GHAVP 1 & 2 (2 x 700 MW) is 2028.
- (d) The details of sanctioned cost and expenditure is given below:

Project	Sanctioned Cost, Rs Crore	Expenditure (upto Jan-2022), Rs Crore
GHAVP-1&2	20594	4075
GHAVP-3&4	21000*	122

*** a part of 10 fleet mode reactors, sanctioned at a cost of Rs 105000 crore.*

During construction, large numbers of contractor manpower are employed. In each of the twin unit projects, GHAVP 1&2 and GHAVP 3&4, the employment potential during construction will follow a bell curve with about 8000 persons at the peak. On becoming operational, each of the twin unit station is expected to generate employment (direct and indirect) for about 2000 persons. In addition, large employment potential is generated with the contractors/ vendors and from business opportunities that emerge consequent to the increase in economic activity at the site.

- (e) Nuclear Power Corporation of India Limited (NPCIL) a Public Sector Undertaking under Department of Atomic Energy (DAE) pursues welfare activities under Corporate Social Responsibility (CSR) in and around its nuclear power plants in four major areas of education including skill development; health and sanitation; infrastructure development and environmental sustainability in accordance with the provisions of the Companies Act, 2013. Under the CSR programmes at GHAVP, some of the key initiatives taken up are, support to the meritorious students by way of award of scholarship; pedagogical aids; providing sewing machines; construction of inter-connecting roads; construction of classrooms & labs; providing computers, water coolers, fans, furniture, lights, refrigerators, etc to schools; construction of toilets in schools and public places, including some Panchayats and mid-day meal shelters in the schools. Special efforts were also made, based on the need

identified by the locals, for construction of cow-sheds and renovation of Gaushalas. One of the important programmes was providing assistive devices to the differently abled persons in the area. More welfare works including augmentation of construction of toilet blocks in schools; providing of equipment for gymnasium in Gorakhpur State Stadium; construction of drinking water tanks; providing healthcare through medical camps, mobile clinics, etc; are identified as an ongoing exercise under CSR at Gorakhpur.
