

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 482
TO BE ANSWERED ON 07.12.2023

Use of nuclear energy to achieve net zero carbon economy

482. Shri. Pabitra Margherita :

Will the PRIME MINISTER be pleased to state:

- (a) whether there is an action plan to scale up nuclear energy in order to achieve net zero carbon economy by 2070; and
- (b) whether Government has taken any steps to promote research in the field of Atomic Energy in the North Eastern region, if so, the details thereof?

ANSWER

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

- (a) Yes, Sir. A nuclear power expansion programme has been initiated to increase the installed nuclear power capacity to 22480 MW by 2031-32 from 7480 MW at present. The Government has also accorded 'in principle' approval of five new sites for setting up nuclear power reactors in future.
- (b) The Department with the support of Bhabha Atomic Research Centre (BARC), a constituent unit, conducted an intensive outreach programme called "Parmanu Jyoti" for residential school students of Navodaya Vidyalaya Samiti of North East Region during 21-27, November 2022. During the outreach programme, Scientists & Engineers of BARC, Mumbai interacted with more than 7400 students in North East Region to promote scientific temperament and possibility of basic & advance research in field of atomic energy.
