

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO-254
ANSWERED ON- 24/07/2024

NUCLEAR POWER GENERATION CAPACITY

254. SHRI SANJAY DINA PATIL
SHRI BHASKAR MURLIDHAR BHAGARE
SHRI AASHTIKAR PATIL NAGESH BAPURAO
SHRI NILESH DNYANDEV LANKE
SHRI MOHITE PATIL DHAIRYASHEEL RAJSINH
SMT. SUPRIYA SULE
DR. AMOL RAMSING KOLHE
PROF. VARSHA EKNATH GAIKWAD
SHRI BAJRANG MANOHAR SONWANE

Will the PRIME MINISTER be pleased to state:-

- (a) whether the Government has set any target to increase India's Nuclear Power generation capacity by around 70 percent in the next five years;
- (b) if so, the details thereof and the steps taken by the Government to achieve this target;
- (c) the number of Atomic Power stations functioning in the State of Maharashtra along with its total capacity;
- (d) whether the Government had proposed a Nuclear Power Project in Maharashtra which is supposed to be largest nuclear power generation in the world;
- (e) if so, the current status of the project and the time by which it is likely to be completed; and
- (f) the other steps taken by the Government to augment the nuclear power generation in the country?

ANSWER

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

- (a) & (b) Yes. The present installed capacity is set to increase from 8180 MW to 14080 MW by 2029-30. Construction works are underway in respect of RAPP 7&8 (2 X 700 MW), KKNPP 3&4 (2 X 1000 MW), KKNPP 5&6 (2 X 1000 MW) including PFBR (500 MW) which is in advanced stage of commissioning.
- (c) There are presently four nuclear power reactors in operation at Tarapur in Maharashtra with a total capacity of 1400 MW.

- (d) & (e) Yes. In line with the Intergovernmental Agreement (IGA) on cooperation in nuclear energy between India & France signed in 2008, an Industrial Way Forward Agreement (IWFA) was signed with M/s EDF, France in 2018 for setting up of six nuclear power reactors of 1650 MW each at Jaitapur in Maharashtra. At present, detailed discussions on the Techno-Commercial Offer (TCO) submitted by M/s EDF, France are underway to arrive at a viable project proposal. The details of the project schedule would emerge on finalization of the project proposal and its sanction by the Government.
- (f) The Government has embarked on a large nuclear power capacity addition programme to cope up with growing energy needs of the country. The Government has accorded sanction for new projects to augment nuclear power generation in the country.
