NTPC Plans Setting Up of Nuclear Power Projects

Posted On: 05 FEB 2026 1:39PM by PIB Delhi

NTPC Ltd. a CPSE under the administrative control of Ministry of Power, Government of India (GoI), is planning for 30GW nuclear capacity by 2047 through the following two routes:

i. Anu Shakti Vidyut Nigam Limited (ASHVINI), a JV of NTPC Ltd. and Nuclear Power Corporation of India Limited (NPCIL), is in the process of establishing a 4×700 MW nuclear power project in Banswara district of Rajasthan, called Mahi Banswara Rajasthan Atomic Power Project (MBRAPP).

ii. NTPC Ltd. has formed a wholly owned nuclear subsidiary, NTPC Parmanu Urja Nigam Limited (NPUNL), incorporated on 07.01.2025 under the Companies Act after getting requisite clearances.

The above target of 30GW is a part of the Government's decision of having 100 GW nuclear capacity by 2047.

In order to explore various options and possible collaborations with international partners, NTPC Ltd. has issued an Expression of Interest (EoI).

Further, NTPC Ltd., through its JV ASHVINI, is in the process of establishing a 4×700 MW nuclear power project in Banswara district of Rajasthan, called Mahi Banswara Rajasthan Atomic Power Project (MBRAPP). The current projections envisage initial testing of MBRAPP's first 700 MW unit by FY 2032-33

This Information was given by The Minister of State in the Ministry of Power, Shri Shripad Naik, in a written reply in the Lok Sabha today.

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