

Plan to deploy 40-50 small modular nuclear reactors: Tata Consulting Engineers CEO Amit Sharma

NEW DELHI: India aims to deploy 40-50 small modular nuclear reactors, mostly to replace captive thermal power plants, as it aims to achieve the goal of net-zero emissions by 2070.

A top industry official said that the 220-MWe Pressurised Heavy Water Reactor (PHWR) was being redesigned using 3D design platforms with an aim to achieve a high degree of standardisation that would allow easy deployment, even in old thermal power plants used by the steel, aluminium, copper and the cement industries.

The Department of Atomic Energy and Tata Consulting Engineers are redesigning the PHWRs to develop the Bharat Small Modular Reactor.



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