

## **KAPP-3&4:**

Location: Kakrapar near Vyara, Gujarat

Type or Reactor: Pressurised Heavy Water Reactors (PHWRs)

Capacity: 2x700 MW

KAPP-3&4 is India's first pair of indigenously designed Pressurised Heavy Water Reactors (PHWRs) of 700 MW unit size with enhanced safety features, located at Kakrapar in Gujarat, where two units of 220 MW PHWRs are already in operation.

Unit-3 has started Commercial Operation from June 30, 2023.

In Unit-4, all civil works are completed, and progressive completion, testing & commissioning of various equipment/systems are in progress. Major milestones like "Hydro test of Primary Heat Transport (PHT) system" "Reactor Building Proof Test and Integrated Leak Rate Test (ILRT)" and "Hot Conditioning" are completed successfully. Another major milestone, "Turbine-Generator operation" on "Barring Gear" is achieved successfully in July 2023.



**Overall View of Kakrapar Site**



**TG on barring gear in KAPP-4**