

## Rooppur NPP: Reactor Assembly completed at Unit- 1

- A Monitor Desk Report

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The reactor assembly process has been completed at power unit-1 of the Rooppur Nuclear Power Plant. The process included installing reactor internals, loading fuel assembly simulators, installing a protective pipes unit and an upper unit, Smart Automated and Monitoring Systems (SAMS) sensors, etc. Hydraulic testing is to be conducted at the next stage, to check the operability of the reactor plant equipment.

Specialists from Atomstroyexport, Atomtekhnenergo, and Rosenergoatom carried out the assembly work.



"Completion of the reactor assembly and getting prepared for key tests is an important stage to ensure the efficient operation of the future power unit. We are responsible for the safe, uninterrupted, and reliable operations. We carefully monitor each stage of the work, using advanced methods and technologies that have been tested many times

at our construction sites" said Alexey Deriy, Atomstroyexport Vice President for Projects in Bangladesh.

Rooppur NPP is being implemented with technical and financial assistance from Russia. It will host two power units with a total capacity of 2,400 MW. Russian VVER-1200 reactors have been chosen for the project. This is an evolutionary Generation III+ design reactor that fully complies with all the international safety requirements. Rosatom Engineering Division is the project's general designer and general contractor.