|  | Rosatom digital  press office  <https://atommedia.online/en/> | **Press release**  18.12.24 |
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**The main construction and installation works are completed at Rooppur NPP (Bangladesh)**

*The large-scale test program has started*

**The construction and installation works are completed at Unit 1 of Rooppur NPP being constructed by the Engineering Division of State Atomic Energy Corporation Rosatom in the People’s Republic of Bangladesh. The personnel of the NPP has started a large-scale test program.**

On December 18, the first stage of operation commenced for bringing the reactor plant to the rated parameters. During this stage, the operability of equipment and mechanisms will be tested, in particular, the reactor coolant pumps (RPC) will be launched and tested for the first time. The result of the program will be the testing of the reactor plant at the rated parameters without nuclear fuel. The program must confirm the compliance of the equipment with all the design parameters. After all the tests, the Unit will be ready for the start-up operations.

Commissioning of Rooppur NPP will ensure supply of environmentally friendly and safe energy providing for more than 10 % of the total energy consumption in the Republic of Bangladesh, which has an acute shortage of electrical power.

“We have entered the final straight in terms of preparation of Rooppur NPP Unit 1 for the physical start-up. This is an important stage, under which we must carry out a large scope of works and tests to prove the operability of the process systems in all the operating modes,” pointed out **Andrey Petrov**, First Deputy Director General for Nuclear Energy of State Atomic Energy Corporation Rosatom, President of ASE JSC. “We fulfill all our obligations and guarantee the reliability and safety of our technologies. The first nuclear power plant in Bangladesh will support the country’s economy and will work for the benefit of its future generations.”

**For reference:**

**Rooppur NPP** equipped with two VVER-1200 reactors of the total 2400 MW capacity is being constructed under the Russian design 160 km from Dhaka, the capital of Bangladesh, in accordance with General Contract dated December 25, 2015. The Russian design with VVER-1200 reactors that had been successfully implemented at two units of Novovoronezh NPP was selected for the first NPP in Bangladesh. This is an evolutionary Generation III+ design which fully complies with all the international safety requirements.

**The Engineering Division of State Atomic Energy Corporation Rosatom** unites the leading companies of the nuclear industry, namely: Atomstroyexport JSC (Moscow, Nizhny Novgorod, branches in Russia and abroad), Joint Design Institute – Atomenergoproekt JSC (Moscow, Nizhny Novgorod, St. Petersburg branches – design institutes, branches in Russia and abroad, R&D branches) and subsidiary construction organizations.

The Engineering Division ranks first in the world by the order portfolio and the number of NPPs constructed simultaneously across the world. About 80 % of the Division’s revenues originate from foreign projects.

The Engineering Division implements construction projects for high-power NPPs in Russia and across the world, renders a full range of EPC, EP, EPC(M) services including project management and design activities, and develops Multi-D technologies for the management of complex engineering facilities. The Division relies on the achievements of the Russian nuclear industry and modern cutting-edge technologies. We construct reliable and safe NPPs with Gen III+ VVER reactors that are in line with all international requirements and recommendations. [www.ase-ec.ru](http://www.ase-ec.ru/)

Russia is consistently developing international trade and economic relations, focusing on cooperation with friendly countries. Despite external restrictions, the domestic economy is augmenting its export potential to supply goods, services and raw materials all over the world. Rosatom and its enterprises are taking an active part in this work.