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**Turbine installation completed at Rooppur NPP Unit 1 in Bangladesh**

*The key operation – placement of the turbine set on the barring gear has been performed in the turbine hall of Unit 1*

**An important process stage of the turbine installation has been completed at Rooppur NPP Unit 1 in the People’s Republic of Bangladesh (the general designer and general contractor is Rosatom Engineering Division). This resulted in the turbine set placement on the barring gear. During the tests, the turbine shaft started rotating at slow speed.**

The barring gear ensures correct alignment and balancing of the turbine rotor before the start-up and shutdown, which prevents the turbine components form wearing and ensures safe and efficient work. The experts carried out control checks that confirmed accuracy of the alignment and high quality of assembly of the turbine set.

“Installation of the turbine at Rooppur NPP Unit 1 has been completed successfully and this is an important step to the physical start-up of the plant. The turbine set placement on the barring gear and successful control checks confirm accuracy of the assembly and reliability of the equipment. This result is an accomplishment of a highly qualified team of specialists and another evidence of the reliability of Russian technologies,” noted **Alexey Deriy**, Atomstroyexport JSC Vice President for Projects in Bangladesh.

**For reference:**

**Rosatom Engineering Division** 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.[www.ase-ec.ru](http://www.ase-ec.ru)

**Rooppur NPP** equipped with two VVER-1200 reactors with the total capacity of 2,400 MW is being built according to the Russian design 160 km from Dhaka, the capital of Bangladesh, in compliance with the General Contract dated December 25, 2015. The Russian design with VVER-1200 reactors was selected for the first NPP in Bangladesh. VVER-1200 is Rosatom’s top-of-the-line reactor that has already proven its efficiency and reliability during operation of reference power units. This is an evolutionary Generation III+ design which fully complies with all the international safety requirements. Six power units based on this type of reactor are already in operation: four power units in Russia and two in the Republic of Belarus. Active construction of NPP under the Russian technology is underway in Egypt, Hungary, Turkey and China.