

# Serbia: Overhaul of unit A5 at HPP Djerdap 1 completed

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Serbian Government said that state-owned power utility EPS has successfully completed the overhaul of unit A5 at hydropower plant Djerdap 1.

The overhaul of the unit's turbine cost more than 27 million euros and was performed by Russian Silovye Mashiny. This is a part of the larger project aimed at increasing power output of HPP Djerdap 1 worth 160 million euros. Units A1-A4 were upgraded in the period between 2011 and 2017, while the last, sixth unit will be modernized next year. The overhaul of unit A5 increased the plant's output by 30 MW.

In January, EPS and Russian company Siloviye Mashiny have signed an agreement on the modernization of HPP Djerdap 2 that will also increase its installed capacity. No major overhaul at HPP Djerdap 2 was performed since it entered operation, and these works will increase the plant's output from 270 to 320 MW and extend its operational life by 30 years. Djerdap HPP complex is located on the Danube river and was jointly built by Serbia and Romania. HPP Djerdap 1 has been introduced into system in 1972. It has six units, with total capacity of 1,203 MW. Both HPPs are run-of-the-river type. HPP Djerdap 2 has been introduced into system in 1987. It has ten 27 MW generators, with total output of 270 MW. Around 70 % of electricity from hydro power plants in Serbia is produced by these two HPPs.