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MAVEL RECEIVES CONTRACTS TO REFURBISH THE ŠTVANICE AND VELETOV HYDROELECTRIC POWER PLANTS IN THE CZECH REPUBLIC

Benešov, Czech Republic – 13 March 2017 – M a v e l, a.s. (“Mavel”) announced that it has signed contracts for the refurbishment of two hydroelectric power plants in or near Prague in the Czech Republic.



Prague’s Štvanice Hydroelectric Power Plant

The Štvanice Hydroelectric Power Plant (Štvanice HPP) is located in an Art Nouveau-style building on the western tip of the Štvanice Island on the Vltava River in the heart of the city of Prague. The power plant was completed in 1914, when the area was still part of the Habsburg Empire but was decommissioned in 1972. Eventually, the state power utility completely renovated the plant. The original architecture and landscaping was preserved and the Štvanice HPP was back online in 1987. The renovated plant housed three “S” Kaplan turbines, each with a flow capacity of 55 cms, head of just under 4 meters and stated installed power of 1.9 MW.

Mavel was awarded a contract by Povodi Vltavy s.p., a Czech water management authority overseeing all activities related to the Vltava River, to perform a complete refurbishment of the generating equipment and assembly, testing and commissioning services. Mavel will replace portions of the existing turbines, including a new runner and distributor, and also provide some rehabilitation of the

existing generators. The diameter of each turbine's four-blade runner is about 3400 mm. Completion is expected in the second quarter of 2019.

Mavel also signed a contract with Povodi Labe s.p. to refurbish the Veletov Hydroelectric Power Plant (Veletov HPP) located about one hour east of Prague on the Labe (Elbe) River. Mavel will construct a new powerhouse, supply turbine, generator, and related equipment and provide installation, testing and commissioning. The Veletov HPP will utilize a new Kaplan PIT turbine type Mavel KP2000K3 with a direct connection to a horizontal synchronous generator. With head of 3.9 meters and flow of 24 cms, the power plant will have installed power of 848 kW. Completion is expected for the third quarter of 2019.



Weir on the Labe River in Veletov, Czech Republic

Mavel, a.s., is a global leader in the supply of turbines (Kaplan, Francis, Pelton and Micro) for hydroelectric power plants from 30 kW to 30+ MW. Over the past twenty plus years, the company has installed or signed contracts for over 500 turbines at more than 300 sites in 38 countries around the world. Mavel designs and manufactures its turbines and related equipment at its ISO certified facilities in the Czech Republic.