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NAKANO HPP AND SHIN HAYATSUKI HPP COMMISSIONED UTILIZING MAVEL TURBINES

Nakano, Japan and Benesov, Czech Republic – 31 December 2015 – M a v e l, a.s. (“Mavel”) announced the commissioning in 2015 of two hydroelectric power plants utilizing Mavel turbine technology in the central Honshu region of Japan.



Commissioning and dedication ceremony of the Nakano HPP on May 15, 2015

The Nakano Hydroelectric Power Plant (“Nakano HPP”) located on an irrigation channel off of the Chikum River, uses a Mavel Kaplan Bulb turbine, which is ideal for low heads and moderate flow. The Kaplan bulb turbine’s runner diameter is 1450 mm. With a flow of 13 cubic meters per second and a head of 4.82 meters, the Nakano HPP will provide 544 kW of installed power to the region.



Nakano HPP Turbine and Distributor at Mavel's Benesov, CZ manufacturing plant

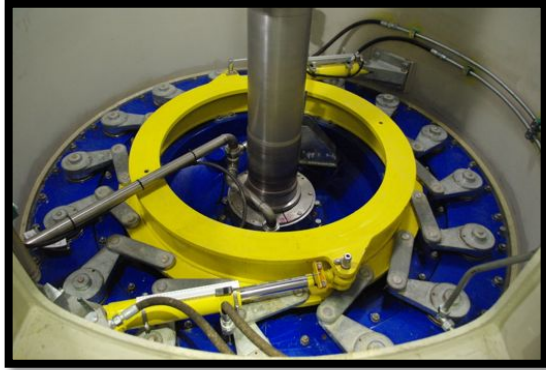


Mavel Kaplan Bulb Turbine installed at the Nakano HPP Powerhouse

The Shin Hayatsuki Hydroelectric Power Plant ("Shin Hayatsuki HPP"), just southwest of Toyama City, uses a Mavel Kaplan Vertical turbine with a runner diameter of 1450 mm. The new plant, with flow of 11.6 cubic meters per second and a head of 13.2 meters, is part of a cascade. The Shin Hayatsuki HPP has installed power of 1,340 kW.



*The Shin Hayatsuki official Commissioning and Dedication on May 15, 2015.
Mavel's CEO Ing. Jiri Veis is center.*



Mavel Turbine installed at the Shin Hayatsuki HPP

Mavel's Kaplan turbines are designed for run-of-river power plants with heads up to 30 meters. The Kaplan turbine automatically adjusts its runner blades and wicket gates to suit changing water conditions. This unique adaptability allows for consistently high efficiency during a variety of flow and head levels. Over the past 20 years, Mavel has installed more than 250 PIT, Bulb, Z, S and Vertical Kaplan turbines around the world.

Mavel is a global leader in the supply of Kaplan, Francis, Pelton and modular micro turbines and related equipment for hydroelectric power plants utilizing turbines from 30 kW to 30+ MW. Over the past twenty years, the company has installed or signed contracts for over 475 turbines at more than 300 sites in 36 countries around the world. Mavel is ISO 9001, ISO 14001 and ISO 3834-2 certified and produces its turbines at the company's state-of-the-art manufacturing facilities in the Czech Republic.