

PRESS RELEASE

FROM: Mavel Americas, Inc.
121 Mount Vernon Street
Boston, MA 02108



CONTACT: Laurie Sigmund
617.242.2204
Laurie@mavel.cz

MAVEL RECEIVES TURBINE ORDER FOR CROCKER POND HYDROELECTRIC POWER PLANT IN WESTMINSTER, MA

Benesov, Czech Republic and Boston, MA – 11 July 2016 – Mavel Americas, Inc., a 100% owned subsidiary of Mavel, a.s. (“Mavel”), announced that it received an order for a Kaplan turbine for the new Crocker Pond Hydroelectric Power Plant (“Crocker Pond HPP”) located in Westminster, MA. Whitman River Dam, Inc., owner and developer, signed a purchase contract for one Mavel Horizontal Kaplan ‘S’ turbine and related equipment. According to Robert Francis, President of Whitman River Dam, Inc., “Mavel has worked with us from the start, helping us to evaluate equipment alternatives for our sites in and around Westminster, MA. Given the early assistance, they were the obvious choice for equipment provision.”

Stephen Doret, of Mill Road Engineering, is the project engineer and, according to Mr. Francis, has been “instrumental in moving the project forward from engineering, to permitting to financing.”



Whitman River Dam at Crocker Pond HPP

Crocker Pond HPP has a nominal head of 11.7 meters (38.4 feet) and flow of 1.7 cms (60 cfs). The site will use a single Kaplan 'S' turbine, model KS560K5, which has a 560 mm runner diameter and five runner blades. The turbine is double regulated with a horizontal shaft and will be connected to the generator via a flexible coupling. The expected power is 145 kW at best efficiency with additional output during periods of higher seasonal flows. In addition to the Kaplan turbine, Mavel will provide a hydraulic power unit, horizontal asynchronous generator and the electrical controls and switchgear. Construction begins this summer with commissioning expected in 2017.

Manufactured in Mavel's Czech Republic facility outside Prague, Mavel's Kaplan line includes the Kaplan PIT, Kaplan Vertical, Kaplan Bulb, Kaplan 'Z' and Kaplan 'S' turbines. They are ideal for run-of-river projects with heads from 1.5 to 35 meters (5 to 115 feet). The turbine's control system automatically adjusts the runner blades and wicket gates in response to changing water conditions. This allows for consistently high efficiency over a wide range of head and flow conditions. Mavel's Kaplan turbines have power output up to 20 MW per turbine.

Mavel, a.s. is a Czech/American owned and managed global leader in the supply of Kaplan, Francis, Pelton and TM Modular Micro Turbines with power from 30 kW to 30⁺ MW. Over the past twenty-five 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 9001:2008, ISO 14001:2004 and ISO 3834-2:2005 certified and produces its turbines at the company's state-of-the-art manufacturing facilities in the Czech Republic. Mavel's operations in the Americas are headquartered in Boston, MA.