

**INTRODUCING LITOSTROJ HYDRO**

The know-how of hydroelectric project challenges and management in North America.

A wide-angle photograph of a calm lake reflecting a bright sun in a blue sky with wispy clouds. In the background, there are snow-capped mountains and a line of evergreen trees. The image is used as a background for the central text box.

## BEYOND CURRENT

At Litostroj Hydro, we go far beyond delivering equipment, technology and service to our clients. We are always seeking to improve current practices in the industry, so we can deliver the most efficient Hydro Power possible

Litostroj Hydro main focus is on Refurbishment, Modernization and Upgrading solutions of existing Hydropower plant as well on Greenfield, small to medium, new Hydropower plants in the North American market.

Our team consolidates an extensive expertise in all aspects of hydro project execution including engineering, management, quality, manufacturing, site installation, commissioning, etc. to offer turn-key solutions to our customers.

Our business model is to utilize the local hydro expertise and to develop a long-term partnership with our customers.

**WATER-TO-WIRE  
SOLUTIONS**

**NEW INSTALLATIONS**

**REHABILITATIONS  
AND OVERHAULS**

**UPGRADES**

**HYDRAULIC  
MODEL TESTING**



**THE LITOSTROJ POWER GROUP OFFERS INTEGRATED SOLUTIONS FOR HYDROELECTRIC POWER GENERATION EQUIPMENT – UNIT OUTPUT UP TO 350 MW.**

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■ **PROPOSAL PREPARATION**

■ **PROJECT MANAGEMENT**

■ **RESEARCH AND DEVELOPMENT**

Hydraulic design and performance optimization with Computational fluid dynamics (CFD) and Finite element method (FEM).

■ **MANUFACTURING OF HYDRAULIC MODELS AND MODEL TESTS**

■ **WATER HAMMER AND TRANSIENT ANALYSIS**

■ **MANUFACTURING**

■ **COMMISSIONING OF HYDRAULIC MACHINES AND HYDROELECTRICAL EQUIPMENT**

■ **AFTER SALES SERVICES**

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**THEY TRUST US**  
OUR CLIENTS

