

Weir American Hydro is a North American based supplier of hydro turbines, with a focus on the upgrade and rehabilitation of existing hydroelectric units. With facilities in York, Pennsylvania and Montreal, Quebec, we have custom designed and supplied over 600 replacement runners of all sizes, now installed and operating in North America and around the world. Our engineers have, for over 25 years, specialized in the design of hydro turbine runners and complete turbines, using the latest computational fluid dynamics and finite element methodologies to evaluate turbine performance characteristics and component stress levels. For applications beyond the turbine alone, we partner with a number of generator suppliers and are well positioned to provide very competitive, technically excellent water-to wire-solutions.

Specifically in Montreal, our capabilities include laser/CMM part replication, complete ND testing services, in situ machining, welding, babbitt bearing refurbishment, thermal spray and hard facing applications, gearbox overhauls, etc. We also have field service crews equipped with mobile facilities complete with an extensive range of portable machine tools. These crews are ready to undertake complete field rehabilitations, safely and in quick order. Their extensive experience allows you to reduce the duration, frequency and cost of outages, while extending the service life of your production assets.

The Weir American Hydro team is ready to respond to troubleshoot and rectify your equipment problems. We welcome the opportunity to meet with you and discuss the potential benefits of upgrading or rehabilitating your existing site or development of an entire new facility. Please contact us at the address below

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