



Mechanical Engineer

About Us

Headquartered in Oshawa, Ontario, H2O operates 10 hydroelectric generating stations located in Ontario and the United States representing over 180 MW of capacity. In Ontario **H2O Power** is the third largest provider of hydroelectric power in the province and in Pennsylvania we operate as **Allegheny Hydro**.

H2O is majority-owned by PSP Investments, one of Canada's largest pension investment manager. H2O Power, in conjunction with its ownership group, has an aggressive growth strategy which consists of capacity upgrades at seven of its original stations and growth through acquisitions.

For more information about the company, please go to: <http://www.h2opower.com>

The Position

Reporting to The Engineering Manager, the Mechanical Engineer will deliver mechanical engineering support to H2O Power's operations in the areas of capital program management, dam safety and maintenance support.

Key Responsibilities

- Capex plan maintenance and program delivery:
 - Maintain the H2O Power capex plan;
 - Develop detailed project scope and estimate for all projects listed;
 - Update the plan in conjunction with field and corporate input;
 - Develop project documentation for approvals and execution, including development of specifications and conceptual designs;
 - Manage capital projects through their complete cycle.
- Support Dam Safety Program:
 - Support all discipline specific aspects of the H2O Power LP Dam Safety program including review of monitoring data, conduct periodic inspections and update remedial plans.
 - Participate in periodic reviews by 3rd party independent engineers.
 - Support the Dam Safety program for the Allegheny hydro assets.
- Maintenance Support:
 - Support maintenance personnel as needed with respect to issues noted during planned and unplanned outages;
 - Maintain and review equipment maintenance records to establish performance trends and identify performance issues and develop solutions to those issues.
- Engineered designs:
 - Support and provide delivery of engineered designs for limited scope projects.



Travel requirements

- Travel to field sites in Ontario and Pennsylvania periodically for project work and general inspections. Normal frequency of travel is 1 visit/month.

Qualifications

- Professional Engineer licensed to practice in the Province of Ontario.
- Bachelor's degree in Mechanical Engineering
- 5 or more years' experience in design, maintenance and support of hydro-electric generation facilities and related services.

Applicants are invited to submit a detailed resume outlining your interests and qualifications through our [careers site](#).

H2O Power is an Equal Opportunity Employer; promoting accessibility and inclusivity at work and offering accommodation for applicants as required and requested.