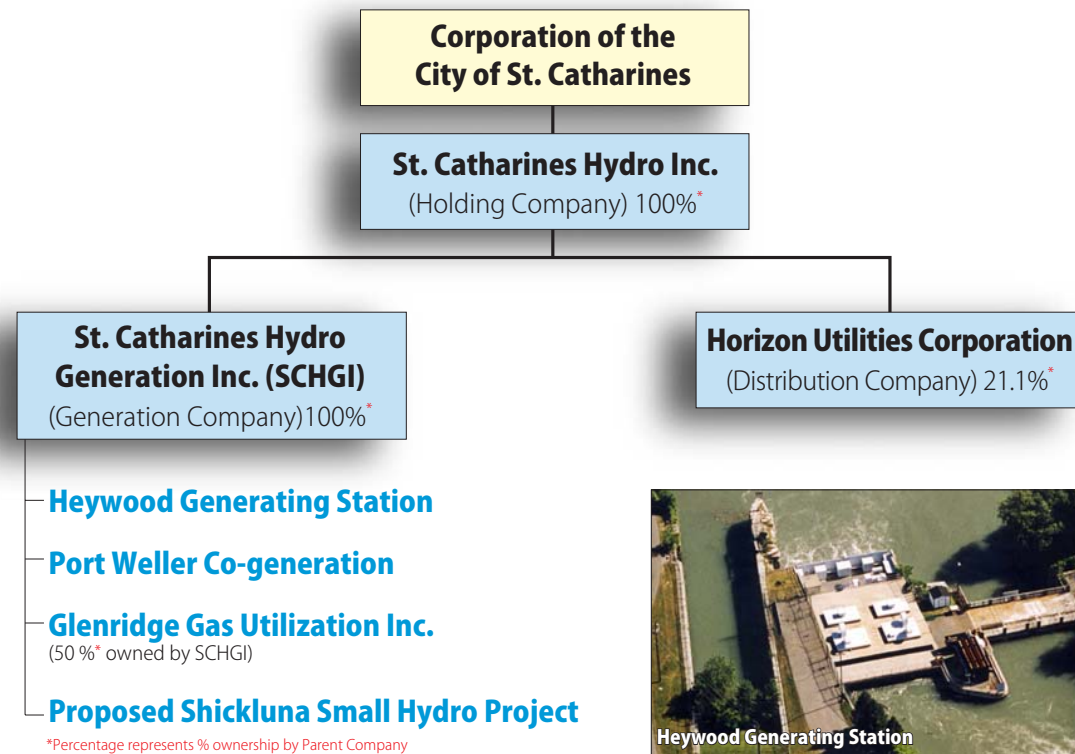




positive benefits of a successful Shickluna Small Hydro Project

- Enhances SCHGI's image as a green energy provider
- Creates economic investment and jobs
- Provides low-impact green, renewable energy to the Province of Ontario
- Would likely be the first hydro project in southern Ontario to be contracted under the Green Energy Act's Feed-In Tariff Program
- Provides financial benefit to St. Catharines Hydro Generation Inc. and its shareholder, the City of St. Catharines



Heywood Generating Station

*Percentage represents % ownership by Parent Company

For more information contact:

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 Website: www.shicklunahydro.com

PROJECT ENGINEER



OWNER



Shickluna small hydro project



Artist Rendering of Conceptual Design
View looking upstream from Fourth Avenue Bridge

April 2009

Shickluna small hydro project

PROJECT ENGINEER



about the project



Shickluna small hydro project

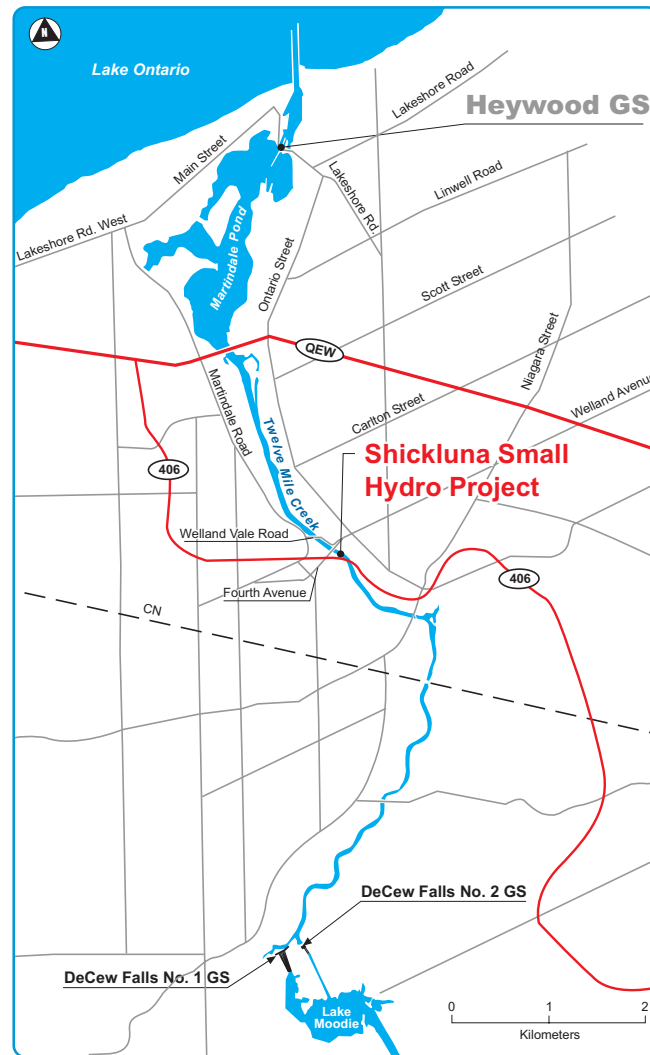


Origin of the Shickluna Name

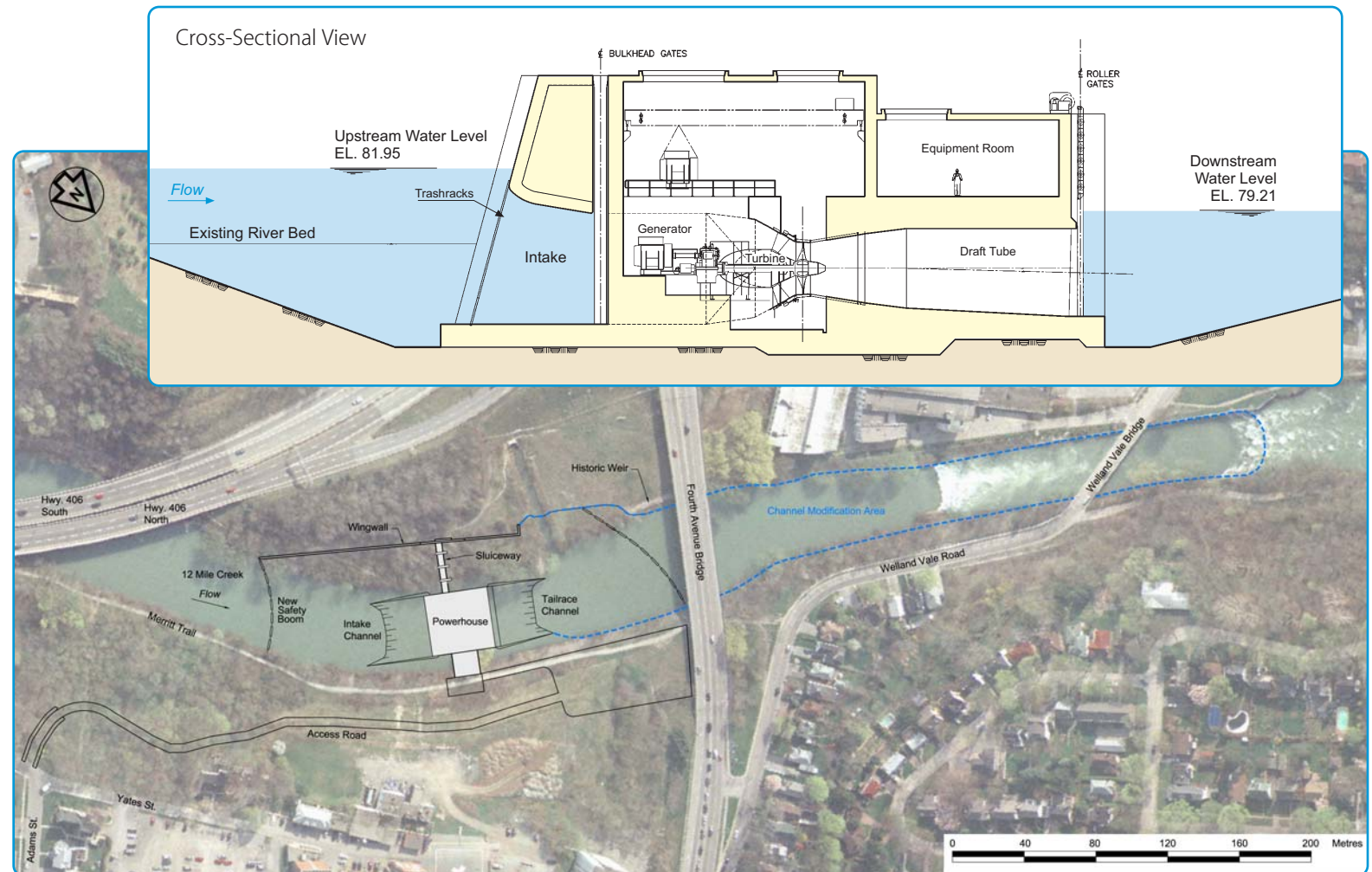
Louis Shickluna founded the Shickluna shipyard in 1838, approximately 1 km upstream from the proposed dam site. The shipyard operated until 1894. Mr. Shickluna also served as a councilor for the City of St. Catharines.

St. Catharines Hydro Generation Inc. is planning to construct and operate a 4 MW small hydro facility on Twelve Mile Creek in the City of St. Catharines. The renewable energy facility will be located approximately 150 m upstream (south) from the Fourth Avenue Bridge. The main components of the facility will include a powerhouse and a dam with four spillway gates. The facility will be operated in a run-of-river mode utilizing the flows in Twelve Mile Creek, which are primarily supplied by Ontario Power Generation's DeCew Falls GS, located approximately 5.5 km upstream.

The project is currently undergoing engineering design and environmental assessment processes, with construction scheduled to commence in early 2010. Once operations commence in early 2011, the facility will provide green renewable energy to the Province of Ontario and demonstrate the commitment that the Province and St. Catharines Hydro have to generating low impact green energy.



Project Location



General Arrangement

project timeline

