

# Bawitik Power Corporation

## Proposed Lock 24 & Lock 25 Generating Stations

Presentation to  
Township of Selwyn  
August 11, 2015

# Agenda

- Bawitik Power... Who we are
- LRP Process
- Locks 24 and 25 G. S.
- Benefits to the Community
- Public Consultation
- Environmental Assessment and Approvals
- Municipal Council Resolution and Municipal Agreement

# Bawitik Power Corporation

- Equally owned by Orillia Power Corporation and Shaman Power Corporation
- Team members of Orillia Power and Shaman Power have worked together for many years and have developed similar projects
- Bawitik is presently involved in consultations with First Nations

# Orillia Power Corporation

- Originally formed over 100 years ago as Orillia Water, Light and Power Commission
- Orillia Power Corporation and two subsidiaries (generation & distribution) formed in 2000 as a result of the Ontario Electricity Act
- 100% Owned by the City of Orillia
- Operating Generation Assets:
  - Swift Rapids GS, 8 MW
  - Minden GS, 4 MW
  - Matthias GS, 3 MW
  - 4 Solar Rooftop sites, 1 MW

# Shaman Power Corporation

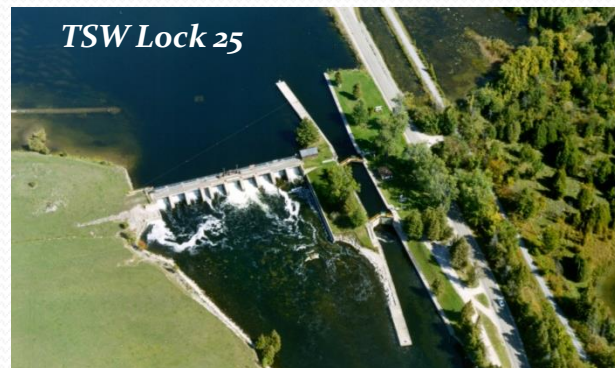
- Private power producer operating in Southern Ontario
- Operating generating assets:
  - Fenelon Falls GS, 2.6 MW
  - Marmara GS, 1.0 MW
  - Currently developing Elora GS, 1.0 MW

# Large Renewable Procurement

- Directive from Minister of Energy to IESO to obtain 75 MW of green energy from water power
- LRP is an IESO Process responding to this Directive resulting in the award of Power Purchase Agreements
- Competitive in nature:
  - First round, Prequalification (Bawitik 1 of 6)
  - Second Round site specific – Sept 1 submission
- Water rights for Trent-Severn Waterway secured through Parks Canada under the Dominion Waterpower Act.
  - Bawitik has secured required Survey Permits for both sites from Parks Canada.

# Locks 25 Generating Station

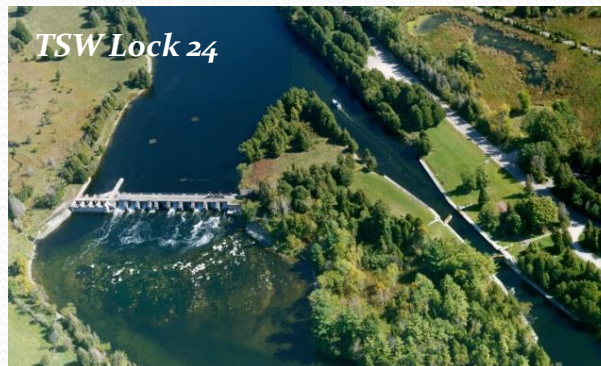
- Project located within Selwyn Township
- 3 MW (enough power for about 1,000 to 1,200 homes)
- Intake above dam at Lock 25
- Powerhouse and bypass gate in line with dam,
- Tailrace directs flow back into the Otonabee River directly below the dam





# Locks 24 Generating Station

- Project located within Selwyn and Douro-Dummer Townships
- 3.5 MW (enough power for about 1,200 to 1,500 homes)
- Intake above dam at Lock 24
- Powerhouse and bypass gate in line with dam,
- Tailrace directs flow back into the Otonabee River directly below the dam
- Access will be either to the west through private property to Sixth Line, if a deal can be reached, or to the east, connecting to County Road 32 (Water Street).





# Benefits to the Community

- Water rentals to Parks Canada
- Part of Gross Revenue Charge is returned to communities in form of payments in lieu of taxes
- 50 construction jobs for each project over a duration of 1 to 1.5 years
- One full time operator for two plants
- On-going use of local trades and suppliers for plant maintenance
- Municipal Agreement proposed providing on-going cash flow to Selwyn Township

# Public Consultation

- Notification to land owners close to project
- Meetings with abutting land owners where available
- Public Meeting – July 29<sup>th</sup> – First of many public meeting required through several processes
- Meeting very well received – 50 attendees – majority felt that their questions were answered
- Consultation with local community will be on-going if successful
- Project websites live since July 15<sup>th</sup>
  - [www.lock24gs.ca](http://www.lock24gs.ca)
  - [www.lock25gs.ca](http://www.lock25gs.ca)

# Environmental Assessments

- Class Environmental Assessment for Waterpower:
  - To commence after receipt of Power Purchase Agreement
  - Rigorous process under Ministry of Environment & Climate Change, and Environmental Assessment Act
  - Typically a 2 year process
  - Detailed agency, public and aboriginal consultations
  - Scientific and cultural heritage studies to determine potential effects
- Detailed Project Approvals

# Support Requests for Selwyn

Municipal Council Resolutions (one for each project):

- Desirable to increase value of OPGC's proposal to IESO
- There is a "Prescribed Template" required by IESO to be completed by the Municipality
- Support would be based on the project as presented today
- OPGC would appreciate your support

Municipal Agreements (one for each project):

- Typical site plan approval details
- On-going annual financial support to the Township

# Thank You