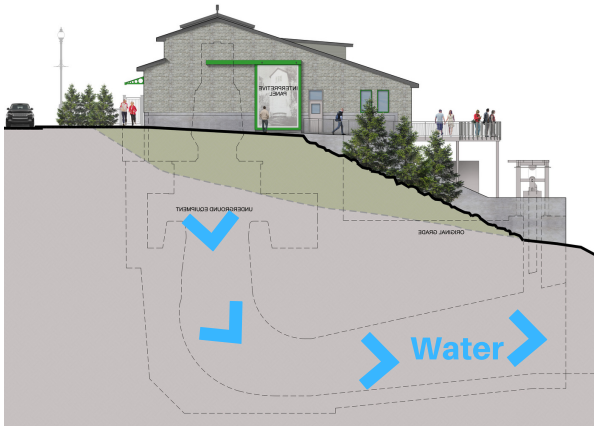
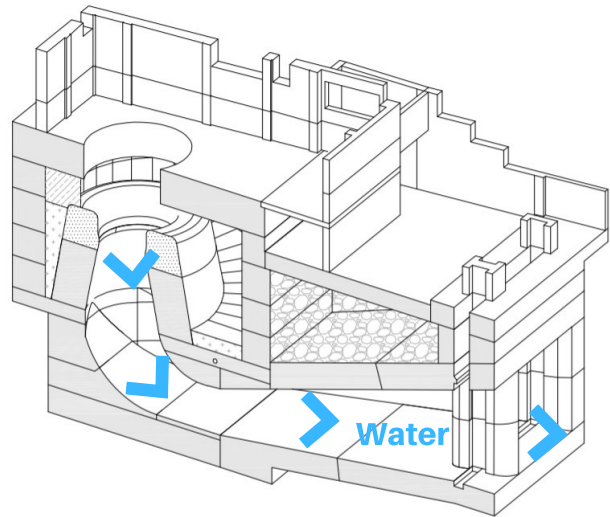


# ONE YEAR LATER

October 2018



Side view of power house and water passage, view southward



Concrete structure supporting power house and water passage

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## The Latest

Swift River Energy Limited is building the North Bala Small Hydro Project. Over one year has gone by since construction began. The project remains on schedule and is on track to be completed in late spring 2019. During the busy 2018 summer months, we did our best to minimize construction impacts to businesses and the community. By spring 2019, in terms of traffic flow, things can get back to business as usual.

In this edition of our construction newsletter, we discuss upcoming construction activities for fall and shed light on Ontario's long term electricity demand.

### Work completed:

The diagrams above illustrate the concrete structure forming the skeleton of the power plant and route of the water passage. Approximately 70% of the concrete structure is now complete.

### Blasting schedule, early Nov - early Dec 2018:

Mon-Sat	11am & 6pm for 5 - 30 minutes each
Sun	No blasting

STEP 1 1 minute prior to blast: 12 audible signals (short whistle) with a 1 second interval.

STEP 2 Blast

STEP 3 Wait time of up to 10 minutes

STEP 4 All-clear signal confirmed by 1 audible signal (long siren) of 5 seconds.

## Traffic Updates

### BLASTING RESUMES

Beginning early November and continuing until the end of the year, we will be conducting carefully controlled blasts to complete the excavation of the intake where water enters the powerhouse. This blasting will be similar to the work done in early 2018. Prior to each blast, a 30 meter radius safety zone will be secured. Pedestrians and moving vehicles are required to stay outside this zone. MR 169 will be closed during this time. Delays of up to 30 minutes can be expected. Please respect the signs, barriers and flagmen that will be directing traffic and pedestrians. They are present to ensure public safety. We apologize for any inconvenience. The community will be updated via electronic signs along MR 169, on

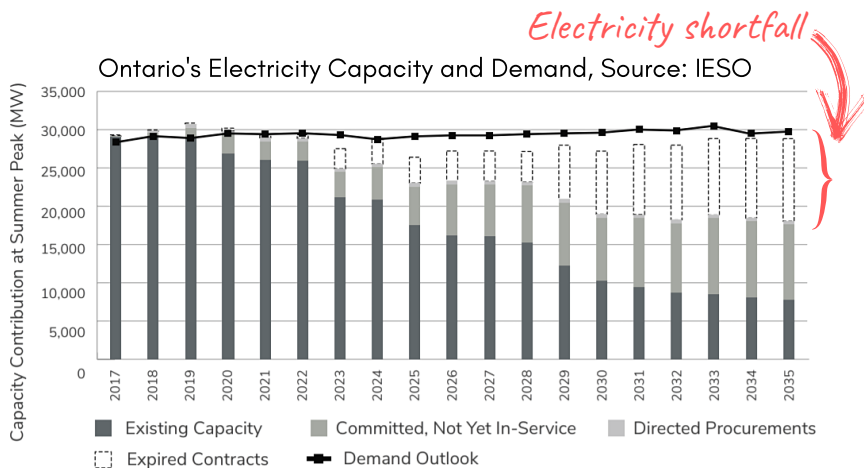
Twitter @balafallshydro, and by mail as appropriate.

### EXCAVATION ON MR 169

Beginning end of October and continuing for approximately 6 weeks, half of MR 169 will be closed as we install an underground conduit crossing the highway. The conduit will connect the power house to the municipal water, sewer, and power line infrastructure. At all times, at least one lane will be open to traffic. A flag person and signals will be present to direct traffic in both directions. While Bala Falls Rd remains fully open, its shoulder on the north side will be closed. The work was scheduled to commence after Cranberry festival and the summer months to minimize traffic impacts on the community.

## Cofferdam Re-installation

A coffer dam is a temporary structure created to section off a small area in the water for excavation. SREL's upstream coffer dam was installed in the fall of 2017 and removed in February of this year. It will be re-installed this month to allow for completion of excavation of the intake channel where water enters the power house. The work will continue throughout the winter. The coffer dam will be permanently removed on or before March 1, 2019. While in the water, the coffer dam will rise about 1 meter above the surface of Lake Muskoka. Its presence will not have an impact on the flow of water between the lake and the Moon River because water levels will be controlled through the North and South Dam.



## What's next?

From now until the end of the year, we will be focused on the completion of the power house underground structure. Between Jan - Mar 2019, the powerhouse structure above ground will be erected. Final turbine installation will be complete in spring 2019.



Draft tube and water passage nearly complete

## Electricity Supply & Demand

Ontario's Independent Electricity System Operator is responsible for managing the province's electricity market. In 2017, the organization released its Long Term Energy Plan, projecting a shortfall in available electricity capacity for at least the next decade (see chart above) due to refurbishment of nuclear

power plants at Pickering, Darlington and Bruce. The report also projects an increase in demand of electricity due to the addition of electric cars on roads and the possible electrification of the GO rail system and light rail transit projects in the GTA.

ABOUT: The North Bala Small Hydro Project is a 4.7 Megawatt run-of-river waterpower facility at Bala's North Dam. Project benefits include a new park joining the two halves of Bala, a new observation deck overlooking the Moon River, more parking spaces, and creation of additional fish habitat. The project will come online in 2019.