

Neighbours

Calabogie
Generating Station



The redevelopment of the Calabogie Generating Station is underway.

Calabogie clean power project set to boost Eastern Ontario economy



Construction has begun on Ontario Power Generation's redeveloped Calabogie Generating Station in Eastern Ontario.

The redevelopment project will see the original, century-old, and out-of-service station - which was damaged by a tornado in 2018 - replaced with a new, higher capacity powerhouse positioned about 50 metres upstream from the existing building. The forebay, the pool of water that feeds into the station, will also be reshaped to allow for more efficient operations.

When it goes into service, the newly designed, two-unit station will make better use of water from the Madawaska River, resulting in a doubling of its capacity for clean, hydroelectric generation, from an original five megawatts (MW) to approximately 10 MW. This is enough generation to power about 10,000 homes.

As part of the preparatory work, the old tornado-damaged powerhouse was left standing to act

as a downstream barrier to keep the site of the new powerhouse dry. In addition, the forebay was dewatered for excavation and construction activities. Other work involved widening roadways for construction equipment and clearing the area of vegetation. Also, excavation of the new forebay began in the summer of 2020.

OPG is investing over \$100 million to redevelop the Calabogie site, and about 175 person-years of work will be associated with the construction, boosting employment and economic benefits in the region. Through a Joint Venture, SNC Lavalin is responsible for the new station's design while M. Sullivan & Son is leading construction.

For updated information about this project, please visit www.opg.com/calabogie.

100 years of generating power



The generating units, originally installed in 1917, generated clean electricity for 100 years. The generating units, along with the powerhouse, will be replaced with more efficient units.



Employees in front of one of the generating units.

Calabogie Generating Station facts

10

Megawatts
total generation capacity

10,000

Homes
powered

175

person years
of work associated with
the construction

7,000

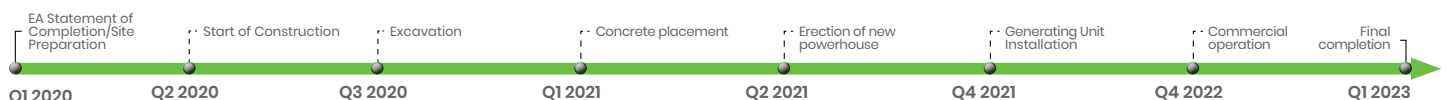
Cubic metres
of concrete

60,000

Cubic metres
of sediment /overburden and
50,000 cubic metres of rock
excavated



The units as they entered 100 years of operation in 2017.



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