

Neighbours

Calabogie
Generating Station



(Above) A view looking upstream at the new powerhouse draft tubes under construction.

Calabogie GS redevelopment project moving steadfast



In June, the largest single concrete pour of approximately 760 cubic metres was completed during a non-stop 13 hour period to construct the lower half draft tube sections for both generating units.

During the month of July, an estimated 742 cubic metres of concrete was poured to complete the upper half draft tube sections. After passing through the generating units, water will exit the station draft tubes and return to the Madawaska River.

Being able to maximize the use of the Madawaska River means the turbines in the new powerhouse will provide double the output by making more efficient use of the same volume of water.

By the end of 2022, the new two unit Calabogie Generating Station is expected to be in-service, providing 10.8 megawatts of clean, renewable energy to Ontario's grid.



(Above) A view looking downstream at the new generating station under construction. Most notable are the many vertical shoring posts, ready to support the intake soffit and upper slab formwork. Water will eventually flow into the intake structure and through the generating units to produce electricity.

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

Environmental technician gaining valuable experience through Calabogie Redevelopment project



Carly Lance is thoroughly enjoying her job protecting the environment and wildlife on OPG's Calabogie Generating Station redevelopment project.

The Junior Health, Safety and Environment Assistant was hired last July with local contractor M. Sullivan and Son Ltd. (part of the SNC-Sullivan Joint Venture), who is leading construction on the clean energy project in eastern Ontario.

A graduate of the Fish and Wildlife Technologist program at Fleming College in Lindsay, the job plays to her strengths and love of nature, and is providing her valuable experience for her new career.

"I was born and raised in the Ottawa Valley, so I've always had a love for wildlife and the outdoors. I was always out camping, fishing or boating with my family growing up," said Lance, a member of the Algonquins of Greater Golden Lake First Nation in nearby Petawawa. "It's who I am. And I love being out here doing the fieldwork. I really love my job."

Lance applied for her job after seeing a posting through her First Nation. In her role, she helps ensure that all of the work on site follows environmental management plans and permits. Her main responsibilities include conducting inspections throughout the site, monitoring workers, and walking five kilometres every week to inspect a silt fence that lines the Calabogie work site, looking for gaps or holes. Another important task is taking water samples at the site, to ensure the filtered water that is returned to the nearby Madawaska River meets environmental standards.



(Left) Carly Lance, a Junior Health, Safety and Environment Assistant with contractor M. Sullivan and Son, examines a water sample at OPG's Calabogie Redevelopment project site.

Health and safety is also an important part of her job, as she monitors workers to ensure they're wearing proper personal protective equipment, and that safety is maintained in all work procedures and equipment.

As this was her first job on a construction site, the first few days on the construction site were nerve-wracking, Lance said. But employees from both Sullivan and OPG helped make her feel welcome. "Honestly, the crew I'm working with has been great," she said. "Being a young woman in the field, it was a little intimidating at first, but I fit right in with the guys. I've met some great people so far through this job."

With a whole career ahead of her, Lance said she's looking forward to continuing to work in the field in the future, and is grateful for the experience she is gaining in her current role. "Building the connections through Calabogie will help me greatly. I'm expanding my knowledge every day, just learning something new all the time, whether that's dealing with permits or construction work zones. I'm learning a lot, and every little bit will help in the future."



(Left) A silk fence helps keep out any wildlife from the area, including species at risk, while protecting them from entering into the busy construction zone.