



Smoky Falls under construction

The Smoky Falls dam structures are over 100 years old and require significant life extension work to ensure safe and reliable operation in compliance with the current dam safety requirements. The Smoky Falls Dam Safety (SFDS) project will replace two sluice gates, and permanently close and stabilize other water retaining structures.

This year will be the busiest for the SFDS project as construction activities ramp up.

The SFDS project is split into four primary areas of work:

- East Spillway
- West Spillway
- Sluiceways (East, Central, and West Bays)
- Smoky Falls Generating Station

The East Spillway involves the closure of 14 Spillways using concrete plugs. This work was completed at the beginning of the year. The East Sluiceway



Aerial view of the Smoky Falls Dam Safety project. On left is the East Spillway which has been closed. At centre features the existing Spillway Closure and Sluiceway replacement work. On right is the West Spillway Closure.

has four bays for closure and activities have begun with concrete works in Bays 7 and 8. Work has also started in Sluice Bays 5 and 6 as the subcontractor – CANMEC – has mobilized to commence gate guide replacement. These two bays will contain the future operational gates to support spill capacity for an additional 75 years at the Smoky Falls Generating Station.

The West Spillway activities have begun in earnest with multiple concurrent concrete plugs. This work is in progress. The Smoky Generating site stabilization activities have

also begun with demolition and drilling for the installation of new post-tension anchors.

Overall, the construction activities are going well and the combined team of OPG, and its contractors, are committed to ensuring the Smoky Falls site will be safe and reliable for decades to come. The SFDS project is scheduled for completion in 2026 with substantial work undertaken by the second quarter of 2025.



Made in Ontario: Women in Trades

Shown right are some of the talented women who work in the trades on the Smoky Falls Dam Safety (SFDS) project. Stephanie is a Field Engineer and has contributed to the structures and civil scopes of work. She is now part of the Site Services Department. Shawna is an experienced Superintendent and is leading the demolition and anchor operations for the project. She is known for her common saying, “When

in doubt, grout.” Lucyle is the Lead Field Engineer for the Structures Team, after moving up with drive and dedication from the entry-level position of Field Engineer. Feriba joined the Structures Department in the spring and has quickly learned that although concrete is not meant to move – things move fast to cast some in place. Finally, it is with the help of Isaura, the Project Quality Inspector, that the SFDS project has maintained its high standards. Together, these women make up a powerful team and provide invaluable support.



Front row, left to right: Feriba Yousufy, Isaura Rodriguez, Stephanie Somasundaram
Back row, left to right: Shawna Cunnin, Lucyle Jumetz



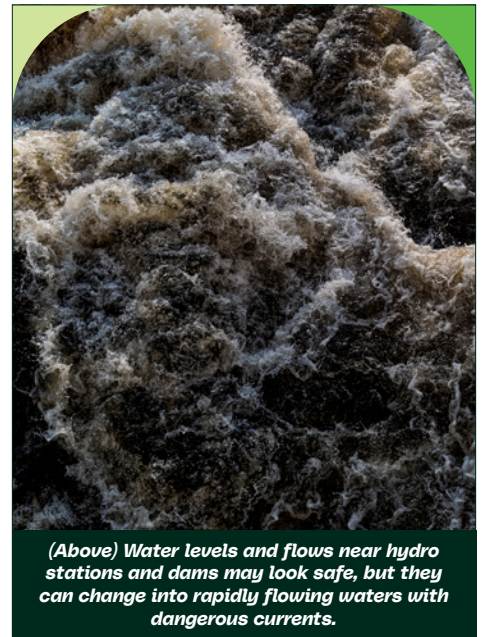
Stay clear. Stay safe.

Water levels and flows near hydro stations and dams may look safe, but they can change into rapidly flowing waters with dangerous currents. Please obey warning signs, maintain distance from booms, buoys, and barriers marking the danger zone, and stay clear to stay safe.

For more information about water safety, please visit:
www.opg.com/watersafety

Quick facts

- OPG operates 66 hydroelectric stations and 240 dams on 24 Ontario river systems.
- Despite continued warnings, some people disregard our signs and barriers, putting themselves and first responders at risk.
- OPG works with Ontario Provincial Police to enforce these warnings, including laying charges.



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