

Neighbours

Western Waste Management Facility



OPG staff gather at the Cape Croker Community Centre, in Neyaashiinigmiing, in May for one of a series of Community Engagement sessions with members of Saugeen Ojibway Nation.

OPG and Saugeen Ojibway addressing historic issues



OPG has signed an interim agreement with Saugeen Ojibway Nation (SON) regarding historic issues.

The agreement signed in March lays the groundwork for further progress in 2019 and beyond to identify and attempt to resolve legacy issues related to the past 60 years of nuclear development in SON traditional territory, including construction of the Douglas Point reactor and the OPG-owned Bruce A and B reactors.

The Agreement for Interim Measures on Legacy Issues enables OPG and

SON to enter a framework and work plan for significant advancement of their relationship and mutual understandings. In more than a decade of engagement, OPG and SON have been working together in a respectful and collaborative way to achieve their shared objectives.

The Interim Measures agreement is not about OPG's proposed Deep Geologic Repository (DGR) for low- and intermediate-level waste. On the DGR, OPG is required to update its cumulative effects analysis for the federal Minister of Environment and Climate Change, stating the

impact on the physical and cultural heritage of SON; and that analysis must be informed by the result of SON's own community process on the DGR. OPG is engaging with SON members to help inform a community vote, which SON says it may hold near the end of 2019.

Meanwhile, OPG also remains engaged in dialogue with Métis communities about the DGR and operations at the Western Waste Management Facility. All across Ontario, OPG is committed to building and growing mutually beneficial relationships with First Nations and Métis communities near its future operations. Relationships are developed on a foundation of respect for Indigenous languages, culture and rights.

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Western Waste adds new buildings

New buildings are being added to the Western Waste Management Facility (WWMF), to increase nuclear waste storage.

The WWMF processes and stores low- and intermediate-level radioactive waste for all three nuclear stations owned by Ontario Power Generation (OPG), at Darlington, Pickering and Bruce. It also stores the used fuel from the Bruce site only.

All of this is considered interim storage only, until a lasting solution is created with permanent disposal in a Deep Geologic Repository (DGR).

Construction begins in 2020 on the first three of five new Multi-Purpose Storage Buildings, as well as two of four new buildings for used fuel.

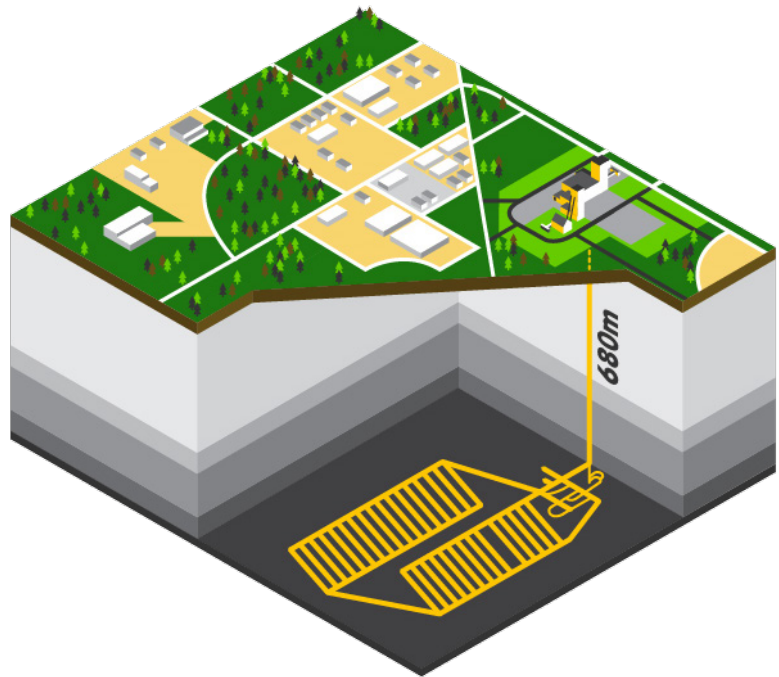
Collaboration works best

They are the two biggest infrastructure projects in Canada – and both are aimed at upgrading Ontario’s nuclear fleet.

Ontario Power Generation’s refurbishment of the Darlington Nuclear Generation Station, and Bruce Power’s Major Component Replacement (MCR) of the Bruce Power reactors, are each valued at about \$13 billion.

Together, they are creating thousands of jobs in skilled trades, providing a major boost to the provincial economy.

The two companies work together on finding efficiencies and sharing lessons from the work underway; and OPG provides waste services for MCR.



OPG’s repository would be built deep below the Bruce nuclear site.

Answers to frequent questions about OPG’s DGR



Here are answers to commonly asked questions about the Deep Geologic Repository (DGR), which Ontario Power Generation (OPG) proposes to build at the Bruce nuclear site.

Q - Why do we need a DGR?

A - Zero-carbon nuclear energy is a key part of the solution to climate change. The byproduct, radioactive waste, is stored in buildings and containers at the surface, on an interim basis. Perpetual storage is not feasible in the long run; packages would need to be maintained for thousands of years. Risks include uncertainty about future social or climate conditions. Isolating the waste in deep rock is a scientifically sound solution, based on international best practice.

Q - Is the lake protected? And even in earthquakes?

A - The DGR is three times deeper than the lake itself. At 680 metres deep, the rock is solid, dry and impermeable. Water cannot flow

through it. The rock has been isolated from water for millions of years. It is in a seismically quiet zone. Even in an earthquake of unexpected magnitude, the lake and people at the surface would still be protected, due to the DGR’s great depth.

Q - Why are two DGRs needed?

A - OPG’s DGR at the Bruce site is for low- and intermediate-level waste only. Under federal law, a separate DGR is planned for high-level waste, or used fuel, for which a site will be selected by 2023. Used fuel requires different methods of handling and storage.

Q - What is the status of OPG’s DGR?

A - OPG committed in 2013 that it will not construct the DGR without the support of Saugeen Ojibway Nation (SON). SON has stated that it plans a community decision near the end of 2019. If SON supports the DGR, OPG must still seek federal approvals for, successively, the Environmental Assessment, a construction licence and an operating licence.



Jessica Jones (left), of Ontario Power Generation, visits the Kincardine fish hatchery with Philip Hahn, of the Lake Huron Fishing Club.

Environmental initiatives reel in OPG supports



Fish, birds and trees – these living things are benefitting, along with many people, from Ontario Power Generation (OPG) sponsorship programs in Bruce County.

When granting funds to applicants through its Corporate Citizenship Program, OPG focuses on environmental, science and cultural programs and initiatives.

These are just some of the “green” programs OPG has supported in recent times:

- **Lake Huron Fishing Club:** Operating fish hatcheries in Saugeen Shores and Kincardine, the club runs environmental and educational projects designed to promote the health of fish populations in the lake, rivers and streams.
- **Saugeen Valley Conservation Authority:** The OPG-sponsored “Christmas in the Country” event in Hanover is a fundraiser for conservation projects and programs to benefit the watershed.

- **Shoreline Environmental Working Group:** This coalition removes phragmites, an invasive plant, and works on ecological restoration, community education and engagement.
- **Penetangore Watershed Group:** These volunteers in Kincardine improve watershed water quality through tree-planting and educational programs.
- **Pine River Watershed Initiative Network:** Since 2007, OPG has supported volunteers and a committee of Huron-Kinloss council with tree planting, exclusion fencing, alternative water sources, wetland excavation and berm construction in the watershed.
- **Huron Fringe Birding Festival:** The Friends of MacGregor Point Provincial Park hosts the Huron Fringe Birding Festival in each spring to celebrate the return of migrant birds and draw attention to the park’s beauty.
- **Environment Tent:** OPG hosts the Environment Tent at the annual Port Elgin Pumpkinfest, as well as a display of e-vehicles. Tent exhibitors may include such groups as the provincial park, the Escarpment Biosphere Conservancy and the Marine Heritage Society.

Applicants to OPG’s Corporate Citizenship Program can contact Lynda Cain at lynda.cain@opg.com



CEO Ken Hartwick learned hard work on farm



Growing up on a beef and dairy farm east of Peterborough, Ken Hartwick learned important life lessons. “I learned how to work really hard, which is a good trait to have,” says OPG’s new CEO and President.

An accountant with a 34-year career in the finance and energy sectors,

Hartwick joined OPG in 2016 as Chief Financial Officer and succeeded former CEO Jeff Lyash in April. “My job is to build on what he has done,” he says.

Hartwick says he will rely on the company’s leadership team and OPG’s 9,300 employees to get the job done.

OPG in the Community



Aaron Urie (left), of Kincardine, shows his exhibit to Nellie King, of Ontario Power Generation, during last year's OPG-supported Bluewater regional science fair.



Rev. Robert Jones Sr. entertains students at St. Anthony's School in Kincardine as part of the OPG-sponsored Blues in the Schools series.



Festival-goers enjoy carving pumpkins at the annual Pumpkinfest in Port Elgin, where OPG sponsors the Environment Tent.

Neighbours

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