

June 3, 2019

Update from Bruce Power

Municipality of Kincardine



Investing in Local Health Care

- \$1.45M being invested locally from 2019 – 2023
- \$250K each for:
 - Bruce Peninsula Health Services Foundation
 - Saugeen Memorial Hospital Foundation
 - Owen Sound Regional Hospital Foundation
- \$100K each for:
 - Clinton Public Hospital Foundation
 - Wingham District Hospital Foundation
 - Alexandra Marine & General Hospital Foundation
 - Walkerton & District Hospital Foundation
 - Meaford Hospital Foundation
 - Chesley & District Health Services Foundation
 - Hanover & District Hospital Foundation

Bruce Power to make \$1.45-million commitment to local hospital foundations over next five years

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February 2019



Bruce Power is committing \$1.45 million to local hospitals over the next five years.

Bruce Power is committing \$1.45 million over the next five years with \$250,000 apiece being allocated to the Bruce Peninsula Health Services Foundation, the Saugeen Memorial Hospital Foundation, and the Owen Sound Regional Hospital Foundation and \$100,000 apiece to the Clinton Public Hospital Foundation, the Wingham District Hospital Foundation, the Alexandra Marine & General Hospital Foundation, Walkerton & District Hospital Foundation, Meaford Hospital Foundation, Chesley & District Health Services Foundation, and Hanover & District Hospital Foundation. This commitment will support the efforts of the foundations to provide the latest equipment and services while recognizing the important work and services provided by local hospitals to local residents and visitors.

Bruce Power announced last summer that it will focus \$2 million of its Corporate Social Responsibility (CSR) budget between 2019 and 2023 on health care, mental health and education initiatives.

"Among the most important issues for families in the community are the quality of health care and education, so we decided in 2018 to focus a significant portion of our Community Investment and Sponsorship budget on those areas to help local organizations continue to provide the best care for people," said Mike Ferguson, Bruce Power's President and CEO. "Today's announcement is the start of our commitment to assist local communities in making sure they offer high-quality health care."

For the Bruce Peninsula Health Services Foundation, the \$250,000 coming from Bruce Power over the next five years will allow the foundation to support the health-care needs of the community.

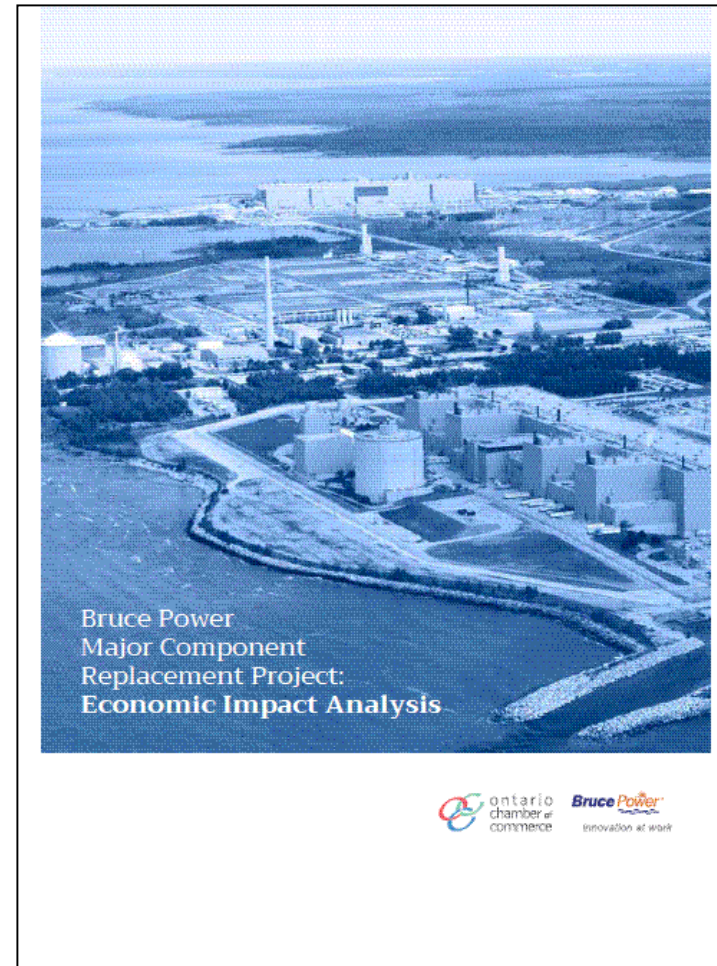
"Bruce Power's five-year sponsorship provides a dependable annual resource which will greatly assist the Bruce Peninsula Health Services Foundation in achieving its annual goal to provide the crucial funding required for priority medical equipment and projects for the Walkerton Hospital," Executive Director April Barry said. "This fundamental collaboration with our Foundation demonstrates Bruce Power's commitment to ensure that excellent, local health care is available to Bruce Peninsula residents and visitors."

"Today's announcement continues a longstanding relationship between Bruce Power and Saugeen Memorial Hospital Foundation in providing high-quality, patient-centred care close to home.

"We are grateful to Bruce Power for its ongoing commitment to local health care in our community. Bruce Power has such a strong sense of social responsibility and it always there to engage, assist and champion the needs and causes close to home," said Tara Murray, Executive Director, Saugeen Memorial Hospital Foundation. "This great five-year pledge will help to make planning easier for future purchases of essential and life-saving equipment for the Saugeen Memorial Hospital. Having a local health-care facility that can be a first point of care is vital to our community."

Economic Benefits of MCR

- The Ontario Chamber of Commerce has released a report detailing how our MCR Project will deliver billions of dollars and other significant benefits to the Ontario and Canadian economies over the next 13 years through:
 - Economic impact
 - An increase in Gross Domestic Product
 - Tax revenue, and
 - Significant opportunities for local workers and industry



Operational Performance

- As a company, we are focused on continuing improvement
- We are proud to report that, in Q1 of 2019, two of our units set new operational milestones
- Unit 1
 - Set a post-refurbishment record run on Feb. 24 of 193 consecutive days, and continues this strong performance.
 - Unit 1's run of uninterrupted production is the longest since it was returned to service in 2012 after being shut down by the former Ontario Hydro in the early 1990s
 - Its restart was a key source of supply in enabling the Province to phase out the use of coal-fired electricity
- Unit 5
 - Achieved a long-run record on March 5 when it topped its previous record of 520 consecutive days of providing power to the province's electricity grid
 - The unit is one of four reactors that produce Cobalt-60, a life-saving medical isotope that is used to sterilize single-use medical devices around the world, while also fighting cancer

Efficiencies Realized on MCR

- In January, Bruce Power announced it would contribute more than \$200 million to reduce electricity system costs between this year and 2021 through our arrangement with the Independent Electricity System Operator (IESO)
- These efficiency payments are a result of Bruce Power's focus on:
 - Innovation
 - Simplification, and
 - Delivering efficiencies, while increasing site output and reliability

Bruce Power delivers \$200 million in efficiencies to electricity system


Bruce Power™
Innovation at work

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Canada's largest infrastructure project remains on time and on budget, with private investment delivering security of low-cost electricity and life-saving isotopes

TIVERTON, ON, Jan. 25, 2019 /CNW/ - Bruce Power's focus on innovation, simplification and delivering efficiencies, while increasing site output and reliability, means Ontario electricity consumers will benefit from over \$200 million in efficiency payments between 2019 and 2021.



Hon. Greg Rickford, Minister of Energy, Mines, Northern Development and Indigenous Affairs with Mike Rencheck, Bruce Power's President and CEO (right). (CNW Group/Bruce Power)

"As a private-sector company, Bruce Power remains constantly focused on operational excellence and efficiency," said Mike Rencheck, Bruce Power's President and CEO. "We are a low-cost generator providing 30 per cent of Ontario's electricity at 30 per cent less than the average cost to generate residential power. By achieving these efficiencies through this framework, we are proud to build on this and contribute more than \$200 million to reduce electricity system costs from 2019-21, through our arrangement with the Independent Electricity System Operator (IESO)."

The announcement was made during a visit to the Bruce Power site by the Hon. Greg Rickford, Minister of Energy, Mines, Northern Development, and Minister of Indigenous Affairs Ontario. He was joined by Hon. Lisa Thompson, Minister of Education and Huron-Bruce MPP, and Hon. Bill Walker, Minister of Government and Consumer Services and MPP for Bruce-Grey-Owen Sound.

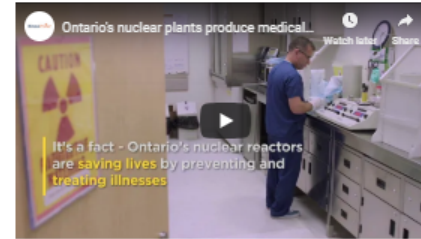
"Nuclear power continues to be a great investment for the people of Ontario, providing a clean, reliable and low-cost source of electricity," said Hon. Rickford. "I'm pleased that consumers across the province will benefit from cost savings realized through operational efficiencies at Bruce Power."

During the Ministers' visit, Bruce Power reiterated its commitment to build on these efficiencies on an on-going basis by exploring new long-term strategies to increase the output from the Bruce facility during the company's Life-Extension Program, which remains on time and on budget. These efficiencies will benefit the electricity system as a whole, Rencheck added.

Medical Isotope Leadership

- First harvest of medical-grade Cobalt-60 completed on Unit 7 in March 2019
- These isotopes are being made available to the world's medical community as it continues to develop new ways to diagnose and treat cancer
- To help support childhood cancer care, we are committing \$300,000 over the next five years to the Pediatric Oncology Group of Ontario (POGO)

Bruce Power's medical isotopes are saving lives



What is Cobalt-60?

Cobalt-60 is an isotope that emits gamma rays essential to the medical community for cancer treatments, as well as sterilization of medical devices.

Sterilization Cobalt-60

Sterilization Cobalt-60 is the first and most widely used type of Cobalt-60. It is employed by industry to sterilize medical devices such as sutures, gloves and syringes. This type of Cobalt-60 is typically sourced from nuclear companies like Bruce Power in great quantities. In fact, LSA Cobalt-60 from Bruce Power sterilizes more than 40 per cent of the world's single-use medical devices.

Medical-grade Cobalt-60

Medical-grade Cobalt-60 is used worldwide to battle cancer and for radiation therapy for the treatment of complex brain conditions. Bruce Power has recently begun producing this new source of Cobalt, which will ensure doctors and their patients have treatments when they need them, and access to new and innovative machines.

Cobalt-60 is currently produced in Canada, Argentina, Russia, China and India.

What is Bruce Power's role in its creation?

For more than 30 years, the four reactors at Bruce Power's Bruce B generating station have been a reliable Cobalt-60 supply for Nordion, an Ottawa-based company. Bruce Power's Cobalt-60 helps to sterilize 40 per cent of the world's single-use medical devices, including sutures, syringes, masks, gloves and more. Bruce Power also produces medical-grade Cobalt-60 that is used in radiation-based cancer treatments, as well as other diseases in Canada and around the world.

The Cobalt-60 rods are stored in Bruce Power's secondary fuel bay. The harvested rods are suspended on the wall of the fuel bay, about 14 feet below the surface; the water providing employees with shielding from the radioactivity. From the reactivity mechanism deck over the fuel bay, Bruce Power's specialized fuel handlers extract the individual irradiated rods and place them in a shielded flask to be shipped to Nordion's facility.

Summer Bus Tour Program

- Extremely successful program to resume in June
- 5,100 members of the public took part in 2018
- Pre-registration encouraged and opened in late-May
- One tour per day from Monday to Friday in June
- Three tours per day, seven days per week, in July and August
- More information is available at www.brucepower.com/bustours


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Featured Features

Bruce Power Bus Tours continue to break records

By Bruce Power Release - September 8, 2018

In its fourth year, Bruce Power's summer bus tour program continues to break records.



More than 5,100 people took advantage of the Bruce Power Summer Bus Tour Program, which ran in July and August. Visitors came from across Canada (from Newfoundland to British Columbia), across North America (including Texas and Florida) and the world (including Australia and Scotland).

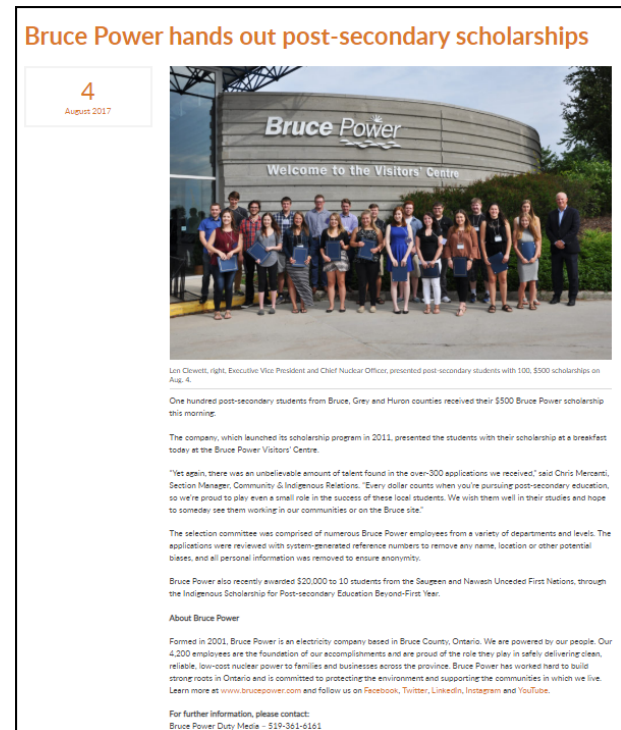
"Every summer, we continue to be blown away by the interest and demand we see for our bus tour program," said Chris Mercanti, Manager, Community Relations. "This year, we offered three bus tours per day. We were excited to see the enthusiasm people had, not just for the program, but also for learning more about nuclear power."

The Summer Bus Tour Program has continued to increase in popularity year-over-year since it began in 2014.

The Bruce Power Visitors' Centre has resumed its regular hours of Monday to Friday, 9 a.m.-4 p.m. Groups are always welcome, and bus tours can be arranged if they meet certain specifications. Call the Visitors' Centre at 519-361-7777, email BNPDVisitorCentre@brucepower.com or visit www.brucepower.com/visit-us.

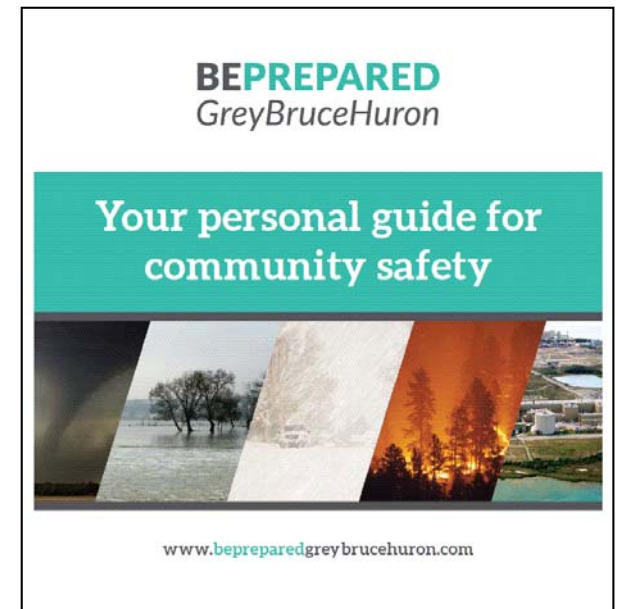
Post-Secondary Scholarships

- Once again, Bruce Power will be awarding \$500 to 100 successful applicants pursuing post-secondary education or a trade
- Between May 15 and June 15, post-secondary students across Bruce, Grey and Huron counties can apply for financial support through Bruce Power's Scholarship program
- Scholarships will be presented to recipients during a breakfast event at the Bruce Power Visitors' Centre in early-August



Emergency Preparedness

- The 2019-2020 Community Safety Guide was distributed to all residents in Grey, Bruce and Huron in May
- The Guide, in partnership with local agencies, provides residents with:
 - Emergency phone numbers
 - Tips on how to prepare for natural disasters such as flood, fires and tornadoes
 - Information on nuclear emergency preparedness
- Residents can also go online to view the Guide by visiting www.bepreparedgreybrucehuron.com



Innovation & Economic Development

- The work that Bruce Power and Bruce County have done through the Nuclear Economic Development and Innovation Initiative was recognized by the Economic Developers Council of Ontario (EDCO)
- Local Collaboration and Partnerships Award, presented at the end of January at the EDCO President's Dinner Awards of Excellence
- The initiative, which has played a leadership role in bringing more than 50 suppliers to Bruce, Grey and Huron counties since it was launched in 2016, was also a finalist in the 'Strategic Plans and Initiatives' category

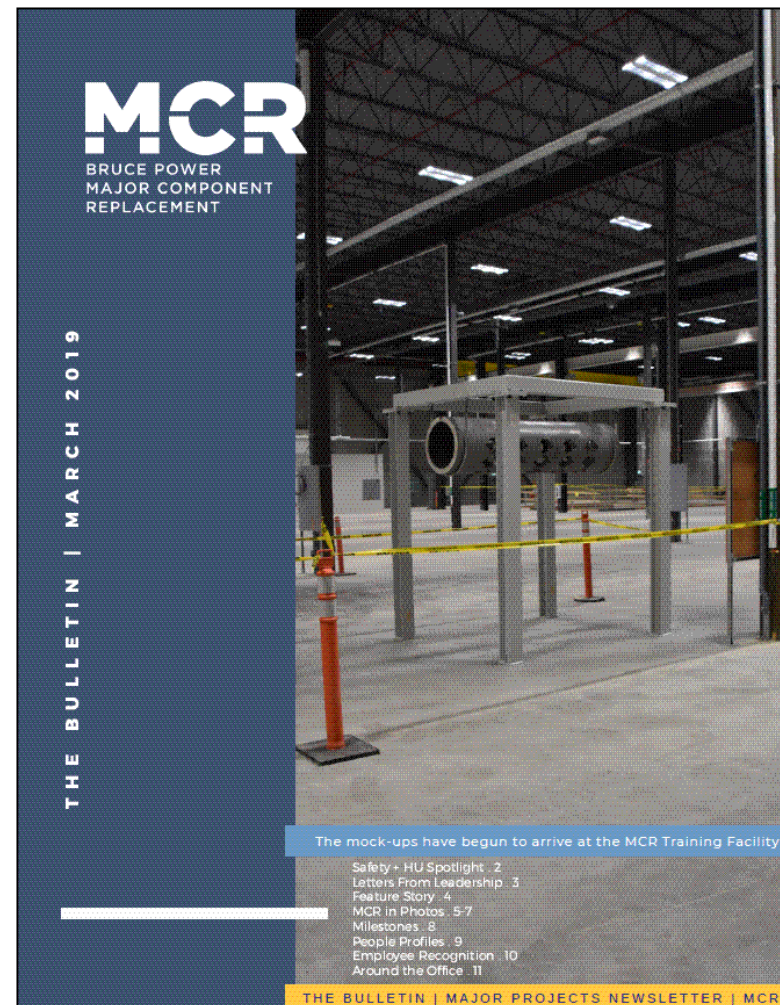


Ontario Nuclear Innovation Institute

- The Nuclear Innovation Institute's first Regional Skilled Trades Advancement was held in Walkerton on March 29
- The forum attracted more than 100 participants, including:
 - Bruce Power executives
 - Officials from local, regional and provincial governments
 - Representatives from trade unions and labour organizations
 - Senior college and school board administrators
 - Suppliers with future skilled trade needs, and
 - Local business leaders from outside the nuclear sector
- The forum provided an opportunity to provide input into the framework for the NII's Trades and Skilled Workforce Secretariat, which will focus on ensuring our local labour market is in a position to adapt, and respond to, increased employment opportunities in the skilled trades across our region

MCR Training Complex

- 130,000 sq. ft. facility completed on time and on budget
- Will enable skilled trades training on key MCR on-reactor evolutions
- Official grand opening conducted on April 25



Thank You