May 2, 2019

Update from Bruce Power

To Bruce County Council
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
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

As a private-sector company, Bruce Power remains constantly focused on operational excellence and efficiency,” said Mike French, Bruce Power’s President and CEO. “We are a low-cost generator providing 30 per cent of Ontario’s electricity at 50 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 Ian S. 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 those 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, Rickford added.
Medical Isotope Leadership

- First harvest of medical-grade Cobalt-60 completed last month on Unit 7
- 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)
Summer Bus Tour Program

• Extremely successful program to resume in June
• 5,100 members of the public took part in 2018
• Pre-registration opens in 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
Post-Secondary Scholarships

• Once again, Bruce Power will award $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 will be distributed to all residents in Grey, Bruce and Huron the first week of 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
Nuclear Economic Development Announcement