

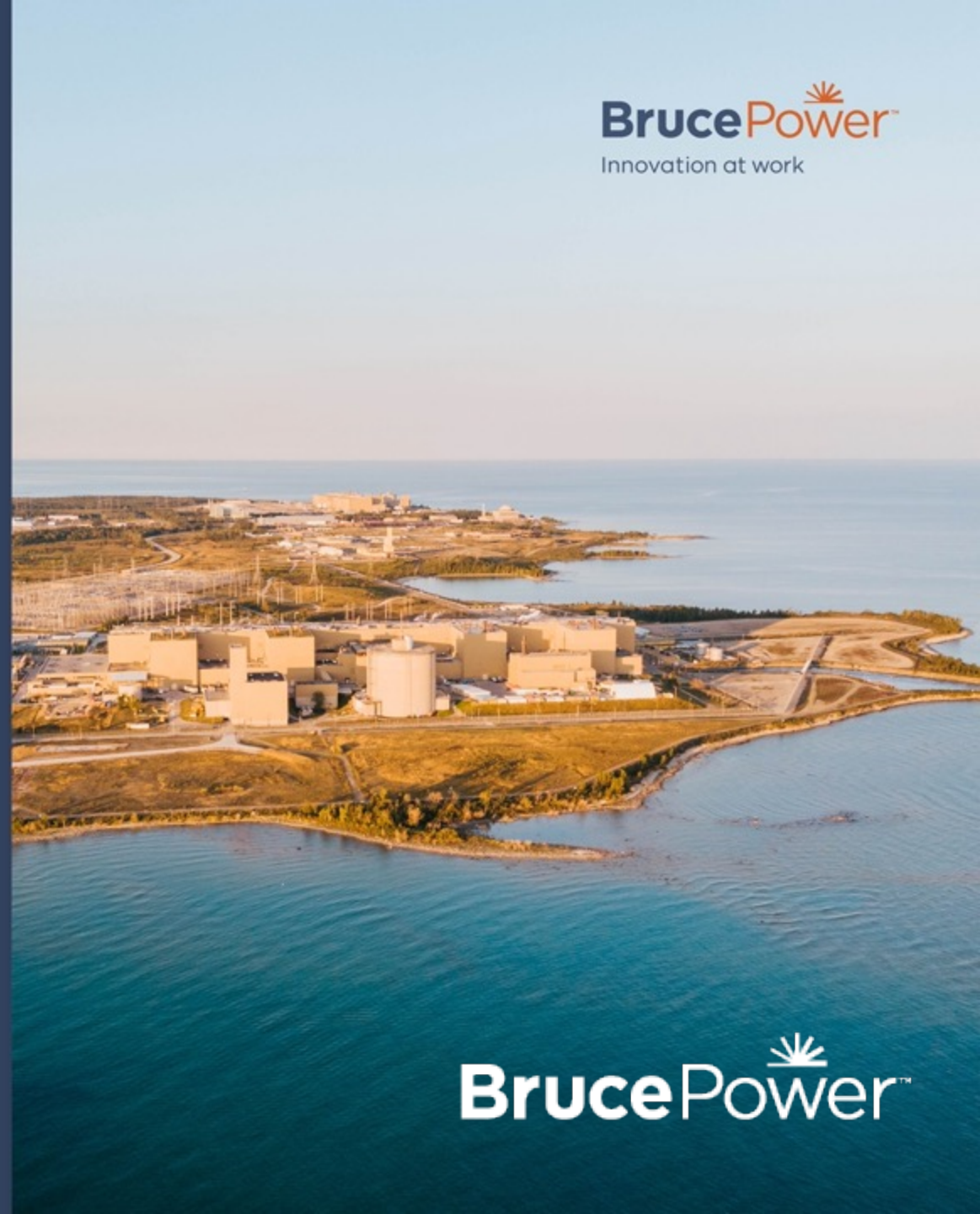
Update to Kincardine Council

James Scongack, Chief Operating Officer

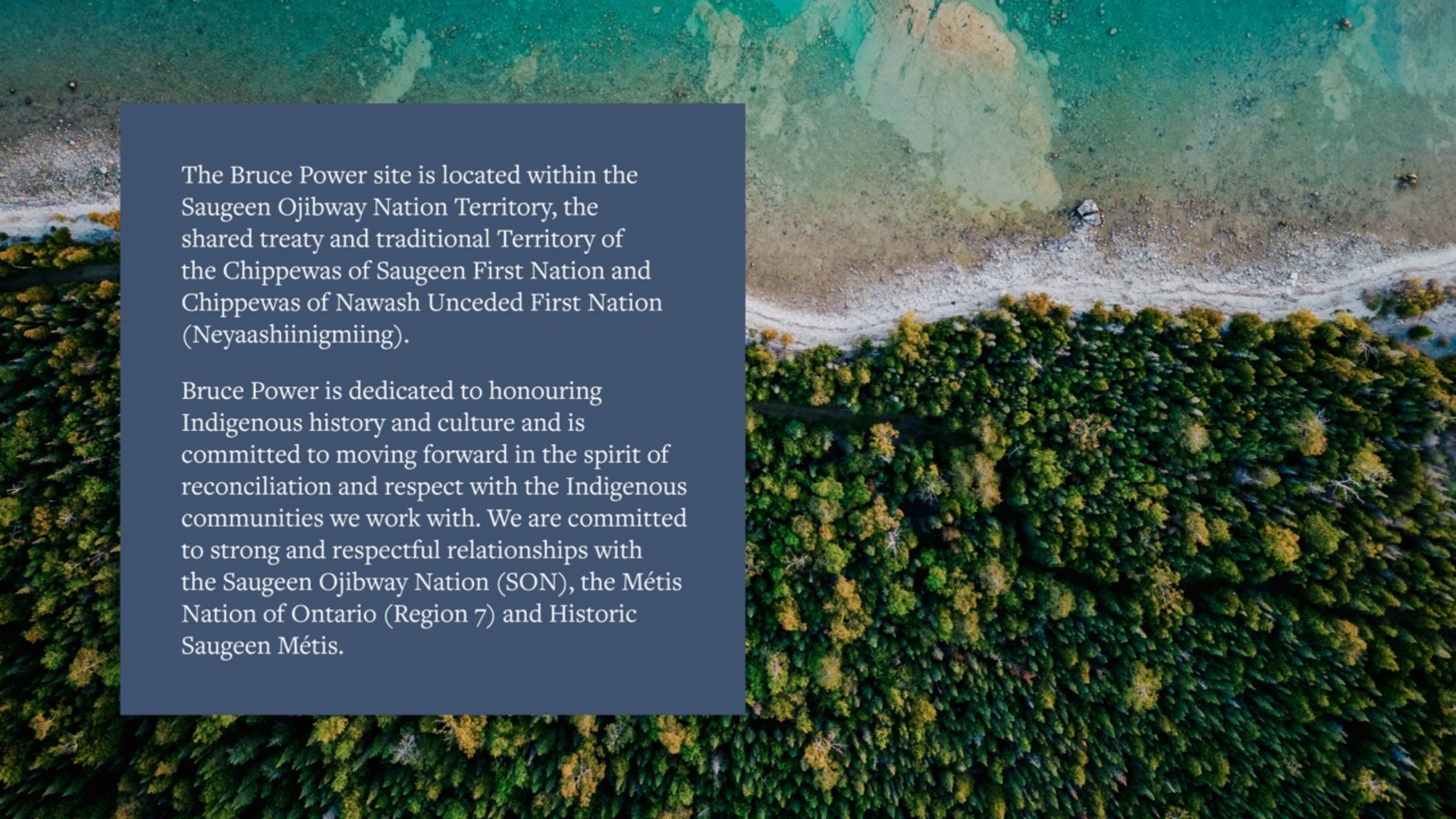
Oct. 23, 2024

PUBLIC

BrucePower[™]
Innovation at work



BrucePower[™]

An aerial photograph showing a dense forest of green and yellow trees in the foreground, leading to a sandy and rocky shoreline. Beyond the shore is a body of water with a greenish tint, possibly due to algae or sediment. The sky is not visible.

The Bruce Power site is located within the Saugeen Ojibway Nation Territory, the shared treaty and traditional Territory of the Chippewas of Saugeen First Nation and Chippewas of Nawash Unceded First Nation (Neyaashiinigiing).

Bruce Power is dedicated to honouring Indigenous history and culture and is committed to moving forward in the spirit of reconciliation and respect with the Indigenous communities we work with. We are committed to strong and respectful relationships with the Saugeen Ojibway Nation (SON), the Métis Nation of Ontario (Region 7) and Historic Saugeen Métis.

Areas of collaboration

- **Emergency Preparedness collaborative** efforts and KI redistribution planning going well.
- **Supporting health care** - Bruce Power and supplier partners contributed \$2 million to the Kincardine Hospital Redevelopment Capital Campaign and \$1 million toward the hospital's CT scanner.
- **Health Care collaboration** over the next three years (2024-2026) supporting hospital ER programs, physician recruitment and retention to ensure stable access to physicians and services in the area.



Areas of collaboration

- **Bruce Power's MCR Training Facility** opened in 2019. The 129,000 square-foot facility includes office space for 300 employees and a training facility and classrooms for trades.
- **Mystic Cove Gate** opening for access during severe winter weather – thank you!
- **Community partnerships** - Afro-Caribbean Youth Awards – gold sponsor, Kincardine Multicultural Festival – supporter since its inception, Kincardine Scottish Festival – supported since its inception
- Future potential for medical isotope processing
- Future potential for Bruce C project



Areas of collaboration (cont)

- Support for **Grey-Bruce Primary Care Recruitment Collaborative** - \$100,000 over next four years to support regional approach to recruitment.
- **Affordable housing seed funding program** offers grants to assist municipalities with planning and pre-development costs associated with building new affordable housing. The program will provide \$250,000 over five years.
- **Clean Energy Frontier Program** - As we seek solutions to combat climate change and manage sustainable growth, the tri-county region has an opportunity to build on existing strengths as Ontario's 'Clean Energy Frontier'. The region has expertise and strong local leadership combined with clean, reliable energy needed to build a robust, net-zero economy
- **Southwestern Ontario Isotope Coalition** - aims to unite southwestern Ontario's isotope community and foster future opportunities to leverage the region's strengths to support expansion, increase local awareness of our role in Canada's isotope ecosystem, facilitate future public and private investment, and explore ways to grow the region's role in the global supply.

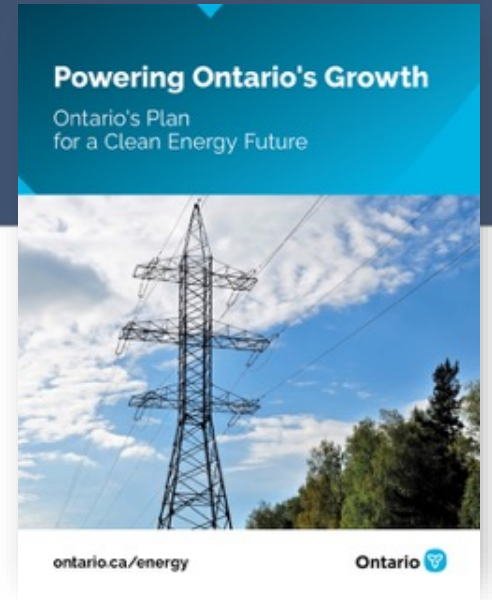
Supporting capacity

- **Capacity Funding** to fund staff to support Kincardine's participation in the Impact Assessment Process, Bruce Power will provide funding for each of the next two years (2025 and 2026) to be reviewed for reevaluation and renewal in 2027.
- **Municipal Socio-Economic Impact Review:** a phased approach that prepares the necessary workforce and population projection research, evaluates the impacts, and supports integration with the Impact Assessment process. Bruce Power will provide funding to support this.
- Together with Municipality of Kincardine, the Nuclear Innovation Institute and other communities within the Clean Energy Frontier of Bruce, Grey and Huron, Bruce Power will develop and implement a **coordinated effort at engaging with the provincial and federal government** to plan for the potential growth in the region should the Bruce C proposal advance to construction.

Our Five Guiding Principles

The company's approach to supporting the role of the Bruce Power site in *Powering Ontario's Growth* plan will be based on the following five guiding principles:

1. Extend the operation of the eight Bruce Power operating units to continue producing clean energy and cancer-fighting isotopes through 2064 and beyond.
2. Through Life-Extension Program and Project 2030 investments, increase net peak output of the existing units to 7,000 MW for the 2030s – equivalent to adding a large-scale reactor with current infrastructure.
3. Pursue an Impact Assessment (IA) as a planning tool to evaluate the potential for an additional 4,800 MW at the Bruce Power site and commit to open and transparent engagement with Indigenous communities, the tri-county region and the public prior to any decision-making.
4. Undertake a robust technology review process to provide sound guidance for potential future decisions and milestones.
5. Position economic development/partnerships, localization, supply chain and workforce development as key priorities in development, especially in rural communities.

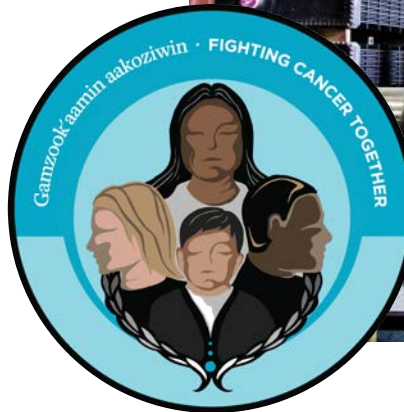


Bruce Power: Expanding Ontario's Nuclear Advantage

Life-Extension: Extend the operation of the eight Bruce Power operating units to continue producing clean energy and cancer-fighting isotopes through 2064 and beyond.

Project 2030: Investments to incrementally increase net peak output of the existing units to 7,000 MW for the 2030s – equivalent to adding a large-scale reactor with current infrastructure.

Cancer-fighting isotopes: First-of-a-kind isotope production system enables large scale production; expanding to meet growing demand. *Gamzook'aamin aakoziwin* partnership with Saugeen Ojibway Nation to create economic opportunities.

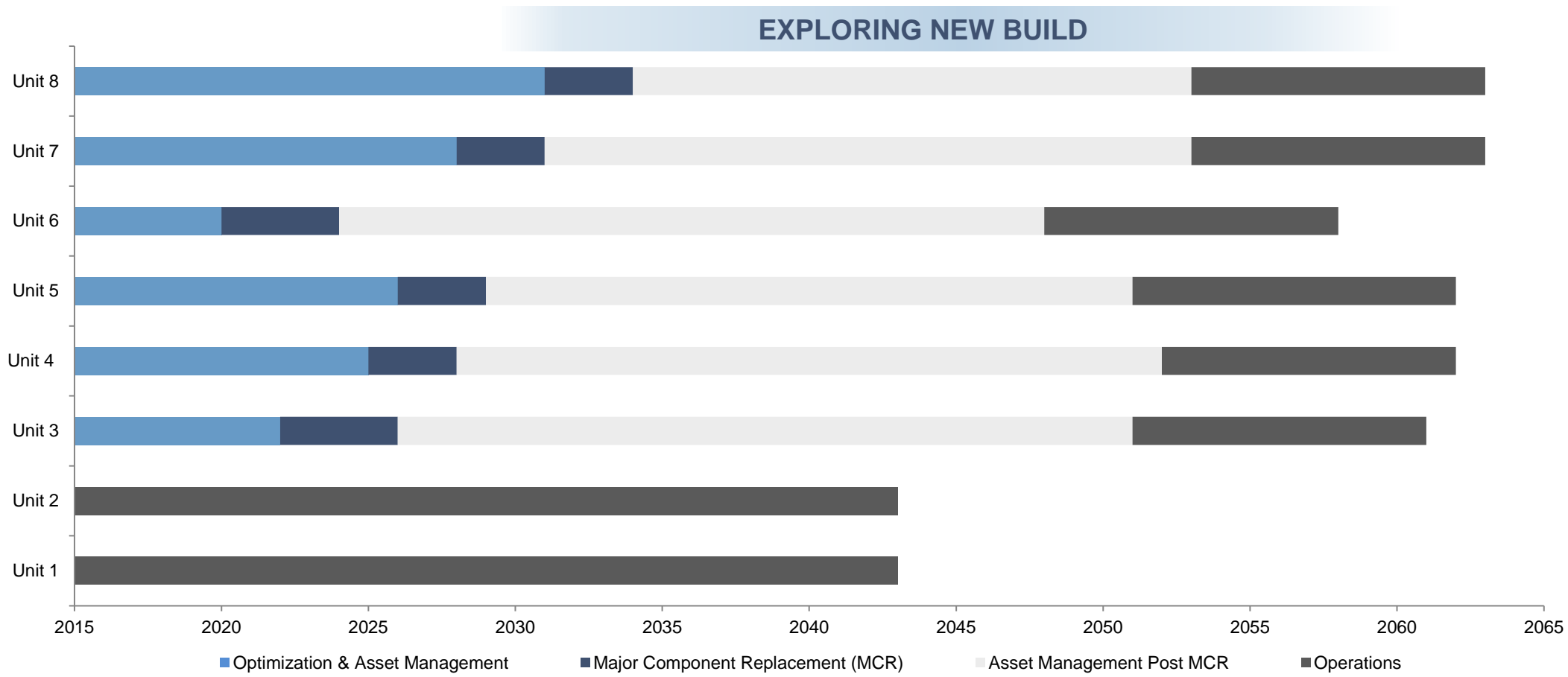


Bruce C

- In July 2023, Ontario launched its **Powering Ontario's Growth** plan and announced support for long-term planning and consultation to explore nuclear expansion.
- Bruce site represents a valuable option to the Province for long-term electricity planning
- Undergoing federal Impact Assessment to create the option to build up to 4,800 MW of new nuclear on the Bruce Power site.
- Technology-neutral – considers multiple technologies to provide optionality – evaluation considers ratepayer value, opportunities for Indigenous Nations and Communities, socioeconomic benefits, safety, reliability, and constructability.



Life-Extension and Potential Nuclear Expansion





Bruce Power™

Innovation at work