

FACT SHEET

Ontario Power Generation Nuclear Investment in Durham

Since the early 1970s, OPG and its predecessor company Ontario Hydro have been generating safe and reliable electricity from nuclear power in Durham Region.

On Feb. 16, 2010, OPG announced its two-part nuclear investment strategy. OPG will proceed with the detailed planning phase for the mid-life refurbishment of the Darlington Nuclear station. In addition, OPG plans to invest approximately \$300 million in the continued safe and reliable performance of the Pickering B station for about 10 years.

Darlington Refurbishment

The decision to move forward with an investment in the Darlington station comes after the very positive outcome of initial studies on the plant's condition and its operating performance, taking the large size of the four units (producing about 900 MW each) into consideration. The next phase of the process will include an Environmental Assessment and an Integrated Safety Review. This work will lead to a plan that will define the scope, cost and schedule of the refurbishment project.

In planning the refurbishment, OPG will build on its considerable experience managing large projects, both in our nuclear and non-nuclear generation operations.

“As Ontario’s generating company, OPG’s nuclear and hydro fleets are the backbone of the provincial electricity system,” said Brad Duguid, Minister of Energy and Infrastructure.

“I support this business investment strategy as it aligns with the government’s vision for a clean energy future. It is also respectful of employees and it will ensure continued economic benefits to the people of Durham Region and Ontario.”

Refurbishment timelines:

Phase 1: Project Definition 2009 - 2014

(Preliminary & Detailed Planning Phase)

- Includes an Environmental Assessment, Integrated Safety Review, Integrated Improvement Plan and Inspections.

Phase 2: Outage Preparation 2014 - 2016

- Complete work required for first unit outage, including licences, finalize execution scope, costs and schedule and contracts with major suppliers.

Phase 3: Outage Execution 2016 - TBD

- Construction begins in 2016.
- The projected end will be determined through various studies.

Pickering Nuclear Continued Operation

OPG will invest approximately \$300 million in the continued safe and reliable performance of its Pickering B station for approximately 10 years. Following this, OPG will begin the long-term decommissioning process of Pickering Nuclear. The first steps in this process are to lay up the reactors and place them into safe storage.

Supporting the decision of continued operation on the Pickering plant is the extensive safety, environmental and equipment reliability studies conducted on Pickering B over the last four years. These studies concluded the Pickering plant can continue to operate safely, in an environmentally-sound manner, to meet the province's energy needs.

We appreciate that our announcement on Pickering Nuclear's continued operation for about the next 10 years leaves some questions to be answered as to what will happen when the plant ceases to operate, and on our longer term plans for the site. At this early stage of the process, we cannot answer all the questions as many decisions are yet to be made. Our plans for the safe storage and ultimate decommissioning of the site will be submitted for approval to the Canadian Nuclear Safety Commission. Nuclear plants have been safely decommissioned in other countries. OPG has segregated funds to undertake the decommissioning of the site. Most importantly, we will answer all questions and be transparent in our decisions. OPG's established practice is to consult with community stakeholders on all issues of public interest related to our facilities. We have had good success with seeking the advice and support of our community for current station operations through the Community Advisory Council. We are committed to developing a similar structure for post-operation planning.

Safety is OPG's fundamental value. OPG operates our nuclear stations according to the highest standards of public and workplace safety.

For more information, please visit www.opg.com or contact us at (905) 623-7122



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