

Darlington Refurbishment

Located in the Municipality of Clarington, the Darlington Nuclear Generating Station is a four unit station with a total output of 3,512 megawatts, producing 17% of Ontario's electricity. The Darlington units were commissioned and placed into operation between 1990 and 1993.

OPG's CANDU reactors are designed to provide decades of safe and reliable electricity generation. Mid-way through the reactor's life, replacement of some key reactor and station components, such as pressure tubes and feeder pipes, is required to allow for continued operation for about 30 additional years. This is called mid-life refurbishment.

OPG announced in February 2010 that it is proceeding with the planning phase for a refurbishment of the Darlington Nuclear station, with construction expected to start in about 2016.

The business decision to move forward with an investment in Darlington comes after very positive outcomes of initial studies on the plant's condition and continued strong safety and operating performance.

The refurbishment of Darlington will take place only if it is justified by a solid business case in addition to regulatory acceptance of the Integrated Safety Review, and the Environmental Assessment as well as the Integrated Improvement Plan.