



Darlington Nuclear Performance Report – Q1 2022 Results

Performance update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's (OPG's) Darlington Nuclear in the areas of safety, operational and environmental performance and significant accomplishments during the first quarter of 2022.



4.7 TWh

Electricity production

The electrical energy generated, minus station needs

OPG's nuclear electricity generation for Q1 of 2022 totalled 10.3 terawatt hours (TWh) compared to 8.9 TWh in 2021 in the same quarter. In Q1, Darlington Nuclear produced 4.7 TWh of electricity, which was 11 per cent of the electricity produced in Ontario.



99.86% UCF

Reliability

Unit capability factor

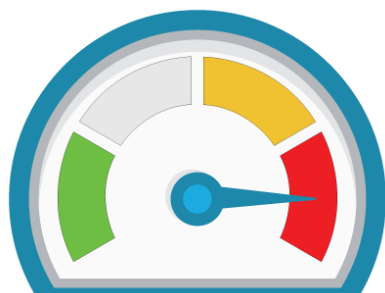
Compared to Q1 in 2021, Darlington's Unit Capability Factor (UCF) for Q1 2022 is higher (99.86) primarily as a result of an increase in the number of days the station has been shut down for maintenance outages.

**0 spills**

Environment

Spills to the environment

During Q1 2022, there were no spills to the environment at Darlington Nuclear reportable to a regulatory authority.

**0.3 TRIF**

Safety

Total Recordable Injury Frequency

Total Recordable Injury Frequency (TRIF) measures the number of injuries involving OPG employees that result in a fatality, lost time, requiring restricted work and requiring medical treatment per 200,000 hours. In Q1 2022, Darlington Nuclear recorded 0.3 injuries per 200,000 hours worked.

About OPG's Nuclear Generating Stations

OPG owns and operates the Pickering and Darlington Nuclear Generating Stations. The two stations have a combined generating capacity of about 4,850 megawatts with Darlington Unit 1 and Unit 3 currently on refurbishment. Accounting for 24.9 per cent of the electricity produced in Ontario in Q1, OPG's nuclear units generated 10.3 terawatt hours.

Other Darlington news



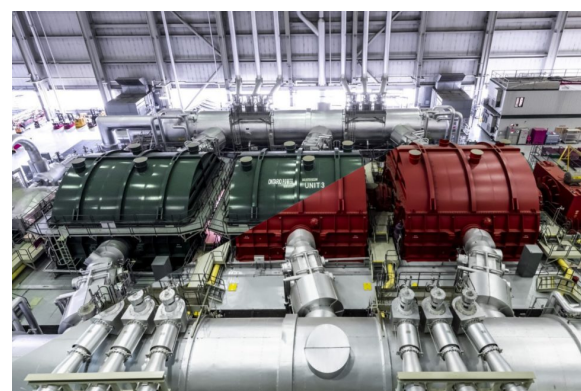
Darlington Refurbishment performance update - Q1 2022

For the first time ever at Darlington, two different units are being refurbished at the same time within our four-unit station.



OPG advancing the clean promise of nuclear power with Darlington SMR project

OPG is positioning to be a world leader in new nuclear development as the company continues its work to deploy Canada's first grid-scale SMR.



Darlington Refurbishment performance update - Q4 2021

The project passed the midway point of its 10-year execution when Unit 1 was taken off the grid to begin its scheduled refurbishment.

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