



Darlington Nuclear Performance Report – Q1 2023 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 2023.



8.6 TWh

Electricity production

The electrical energy generated, minus station needs

OPG's nuclear electricity generation for Q1 of 2023 totalled 8.6 terawatt hours (TWh) compared to 10.2 TWh in 2022 in the same quarter. In Q1, Darlington Nuclear produced 3.7 TWh of electricity, which was 10 per cent of the electricity produced in Ontario.



99.78% UCF

Reliability

Unit capability factor

Compared to Q1 in 2022, Darlington's Unit Capability Factor (UCF) for Q1 2023 is lower (99.78) 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 2023, there were no spills to the environment at Darlington Nuclear reportable to a regulatory authority.

**0 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 2023, Darlington Nuclear recorded 0 injuries per 200,000 hours worked.

About OPG's Nuclear Generating Stations

Ontario Power Generation 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 in their refurbishment outages. Accounting for 21.9 per cent of the electricity produced in Ontario in Q1, OPG's nuclear units generated 8.6 terawatt hours.

Questions?

Please contact Jennifer Knox, Director – Nuclear Stakeholder Relations, through the form below.

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