



Pickering 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) Pickering Nuclear in the areas of safety, operational and environmental performance and significant accomplishments during the first quarter of 2022.



5.6 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, Pickering Nuclear produced 5.6 TWh of electricity, which was 13.5 per cent of the electricity produced in Ontario.



83.46% UCF

Reliability

Unit capability factor

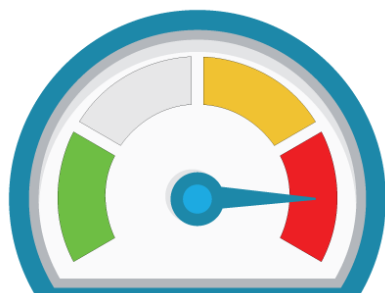
Compared to Q1 in 2021, Pickering’s Unit Capability Factor (UCF) for Q1 2022 was higher (83.46) primarily as a result of a decrease in the number of days the station was shut down for maintenance outages.

**2 spills**

Environment

Spills to the environment

During Q1 2022, there were 2 spills to the environment at Pickering Nuclear that was reportable to a regulatory authority.

**0.39 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, Pickering Nuclear recorded 0.39 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 Pickering news



Pickering Performance Report – Q4 2021

In our Q4 2021 report, we track performance for Pickering Nuclear in the areas of safety, operational and environmental performance.



Celebrating Pickering Nuclear, a climate change-fighting stalwart

OPG's Pickering Nuclear Generating Station is proud to continue to support the Pickering community and the province's climate goals.



OPG's Centre for Canadian Nuclear Sustainability investing in innovation

OPG's new Centre for Canadian Nuclear Sustainability is gearing up to help fulfill OPG's mission to achieve a net-zero economy.

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