



Pickering Nuclear Performance Report – Q4 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 fourth quarter of 2022.



5.9 TWh

Electricity production

The electrical energy generated, minus station needs

OPG's nuclear electricity generation for Q4 of 2022 totalled 5.9 terawatt hours (TWh) compared to 8.4 TWh in 2021 in the same quarter. In Q4, Pickering Nuclear produced 3.6 TWh of electricity, which was 10 per cent of the electricity produced in Ontario.

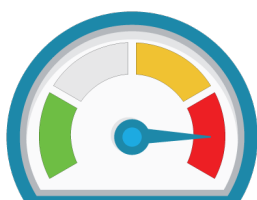


80.01% UCF

Reliability

Unit capability factor

Compared to Q4 in 2021, Pickering's Unit Capability Factor (UCF) for Q3 2022 is higher (80.01) primarily as a result of a decrease in the number of days the station has been shut down for maintenance outages.

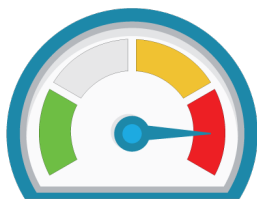


1 spill

Environment

Spills to the environment

During Q4 2022, there was one spill to the environment at Pickering Nuclear reportable to a regulatory authority. Pickering Nuclear had a total of three reportable spills in 2022.



0.27 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 Q4 2022, Pickering Nuclear recorded 0.27 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 on refurbishment. Accounting for 16.0 per cent of the electricity produced in Ontario in Q4, OPG's nuclear units generated 5.9 terawatt hours.

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