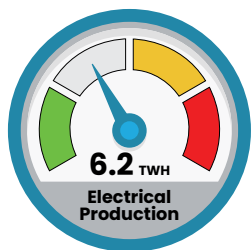


Performance Report for Pickering Nuclear

Q3 2021 Results

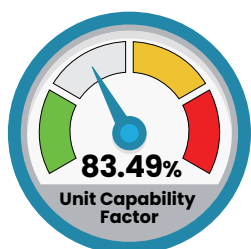
Performance Update

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 third quarter of 2021.



Electricity Production – (the electrical energy generated, minus station needs)

OPG's nuclear electricity generation for Q3 of 2021 totalled 11.7 terawatt hours (TWh) compared to 11.3 TWh in 2020 in the same quarter. In Q3, Pickering Nuclear produced 6.2 TWh of electricity, which was 16 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor

Compared to Q3 in 2020, Pickering's Unit Capability Factor (UCF) for Q3 2021 was higher (83.49) primarily as a result of a decrease in the number of days the station was shut down for maintenance outages.



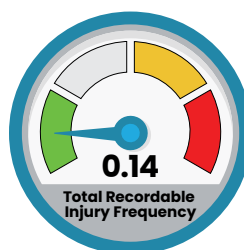
Environment – Spills to the Environment

During Q3 2021, there were no spills to the environment at Pickering Nuclear reportable to a regulatory authority.

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 Q3 2021, Pickering Nuclear recorded 0.14 injuries per 200,000 hours worked.

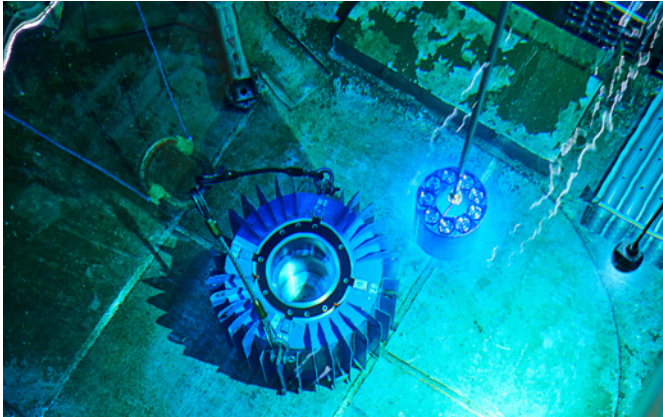


Legend

- **Excellent Performance**
better than target by 5%
- **Good Performance**
within target range of 5%
- **Marginal Performance**
worse than target by more than 5%
- **Poor Performance**
worse than target by 10% or more mitigating actions required

Performance Report for **Pickering Nuclear****About OPG's Nuclear Power Stations**

OPG owns and operates the Pickering and Darlington Nuclear Generating Stations. The two stations have a combined generating capacity of about 5,728 megawatts with Darlington Unit 3 currently in a refurbishment outage. Accounting for 30 per cent of the electricity produced in Ontario in Q3, OPG's nuclear units generated 11.7 terawatt hours.

**Pickering Nuclear's Cobalt-60 helps in fight against COVID-19:**

The latest batch of the important medical isotope, Cobalt-60 will soon be loaded into flasks and shipped for processing by Nordion, an Ottawa-based health sciences company. In short order, the isotopes will be used to sterilize medical devices, like swabs, syringes, and heart valves, providing a key line of defence for hospitals and care facilities around the world as they continue the fight against COVID-19.

Currently, about 50 per cent of the world's Cobalt-60 is produced in Ontario's CANDU reactors. Pickering Nuclear provides 20 per cent of the world's supply, making it one of the world's leading sources of this important life-saving product.

Cobalt-60 represents just one of several isotopes OPG is working to develop for innovative uses. Molybdenum-99 will soon be produced at Darlington Nuclear for medical imaging. Last November, OPG and Nordion announced an agreement to expand Cobalt-60 production to Darlington Nuclear, which will establish the station as a global leader in the supply of the isotope. The first harvest of Cobalt from Darlington is expected to take place after the Darlington Refurbishment project wraps up in 2026.

Continuing to PowerON: We've heard it many times before; it has been a challenging few years for many. We've been forced outside of our comfort zones, living outside the normal. It's only through our commitment to strengthening our communities and working together, that we have been able to persevere through these tough times.

While we were unable to bring back some of our fun, in-person summer programs this year, we wanted to continue with our safe, educational PowerON Tuesdays program.

PowerON Tuesdays was a curbside pick-up program running on select Tuesdays in July and August. Each week, we saw hundreds of community members fill up our registration to come to public parks near our Pickering and Darlington stations to pick-up an activity kit!

After nearly 1,500 kits were handed out over four weeks, we want to sincerely thank everyone who took the time to come out for this program. We especially want to thank our community partners who made this program possible and developed some amazing activities: the Toronto and Region Conservation Authority and Central Lakes Ontario Conservation Authority, Pickering and Clarington Public Libraries, Station Gallery, and Earth Rangers.

During times like this, upholding and strengthening our sense of community is paramount. We know this isn't the normal we're all used to, but through programs like this, we can continue to PowerON to a brighter tomorrow.