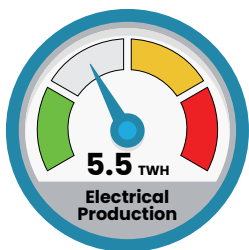


Performance Report for Darlington Nuclear

Q3 2021 Results

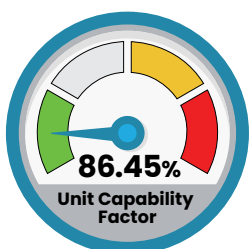
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's (OPG's) Darlington 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, Darlington Nuclear produced 5.5 TWh of electricity, which was 14 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor

Compared to Q3 in 2020, Darlington's Unit Capability Factor (UCF) for Q3 2021 is higher (86.45) primarily as a result of a decrease in the number of days the station has been shut down for maintenance outages.



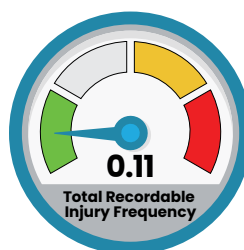
Environment – Spills to the Environment

During Q3 2021, there were no spills to the environment at Darlington 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, Darlington Nuclear recorded 0.11 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 **Darlington 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.



Darlington New Nuclear project update: The Darlington New Nuclear Project (DNNP) team has completed the first phase of a Geotechnical Study.

As part of our Environmental Assessment (EA) commitments and completed in partnership with ES Fox Ltd., Golder Associates and Walker Drilling, this phase of the study assessed the underlying soil and bedrock for a potential future Small Modular Reactor (SMR) foundation at the Darlington site.

The subsequent two phases of the Geotechnical Study is planned to begin in Q2 of 2022, and will feature offshore and additional onshore assessments.

Completion of this phase moves the team one-step closer towards future DNNP milestones including the beginning of site preparation in 2022, pending project approvals. For the most up to date information on OPG's new nuclear efforts, visit www.opg.com/newnuclear.

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.