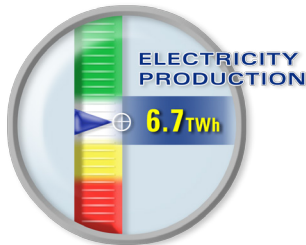


Performance Report for Darlington Nuclear

Q3 2016 Results

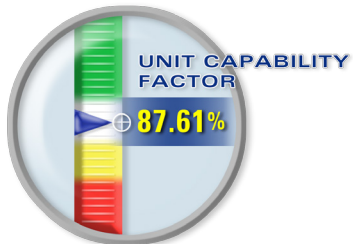
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's Darlington Nuclear in the areas of safety, operational and environmental performance and significant accomplishments during the third quarter of 2016.



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

OPG's nuclear electricity generation for Q3 of 2016 totalled 11.7 terawatt hours (TWh) compared to 11.2 TWh in 2015 in the same quarter. In Q3, Darlington Nuclear produced 6.7 TWh of electricity, which was 17 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q3 in 2015, Darlington's unit capability factor for Q3 2016 was lower (87.61) primarily as a result of an increase in the number of days the station was shut down for maintenance outages.



Environment – Spills to the Environment:

During Q3 2016, there were no spills to the environment at Darlington Nuclear that were reportable to a regulatory authority. The year-to-date total remains at zero.

Safety

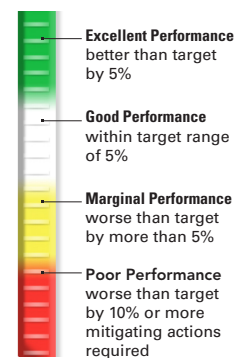
Accident Severity Rate:

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. At the end of Q3 2016, Darlington Nuclear recorded 2.96 days lost per 200,000 hours worked which is higher than target but remains within the Canadian Electricity Association top quartile.

Employee All Injury Rate:

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. At the end of Q3 2016, Darlington Nuclear recorded 0.20 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.

Legend



About OPG's Nuclear Power Stations

Ontario Power Generation owns and operates the Pickering and Darlington Nuclear Generating Stations. The two stations have a combined generating capacity of about 6,600 megawatts. Accounting for 29 per cent of the electricity produced in Ontario in Q3, OPG's 10 nuclear units generated 11.7 terawatt hours.



Keeping you informed about milestones and items of interest achieved by Darlington Nuclear and across OPG:

- Hundreds of children and their families joined OPG this summer for another successful Tuesdays on the Trail program. Thanks to the generosity of our community partners and student volunteers, Darlington Nuclear staff was able to bring free, high-quality educational activities to the community once again. This year's programming included: partnership with Central Lake Ontario Conservation Authority; Clarington Public Library; A Gift of Art; Scientists in School; Driftwood Theatre Group; and All Our Relations Métis Drum Circle.
- On Saturday Sept. 24, over 3,000 community members attended the 16th annual Clarington Family Safety Day. The event featured hands-on activity areas for people of all ages to familiarize themselves with safety measures, emergency procedures, and emergency personnel. This very popular annual event is a shared partnership between Clarington Emergency & Fire Services; Durham Regional Police Services; Kelsey's Restaurant – Bowmanville; Municipality of Clarington and OPG.
- The Canadian Nuclear Safety Commission (CNSC) has given our Pickering and Darlington stations its highest possible safety rating for 2015. Each year, the CNSC releases a report on the safety performance of Canada's nuclear power plants. Pickering Nuclear received its best ever rating of "Fully Satisfactory," while Darlington Nuclear achieved the highest standard of "Fully Satisfactory" for the seventh year in a row. The CNSC report provides a detailed review of our operations and identifies strengths in our performance, as well as opportunities for improvement. It's part of a rigorous industry culture that values assessment and evaluation as learning tools.
- Almost 4,000 Grade 4 students across the Durham Region participated in the Durham Children's Groundwater Festival this September. This weeklong Festival motivates students to become water stewards in their classroom and community. OPG Darlington and Pickering Nuclear are a proud supporter and active participant in this annual event.

For more information go to: www.opg.com/generating-power/nuclear

Do you want to discuss any of our performance results with us? If so, please call us at 905-623-7122.