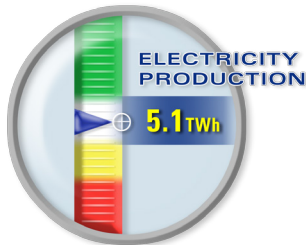


Performance Report for Pickering Nuclear

Q3 2016 Results

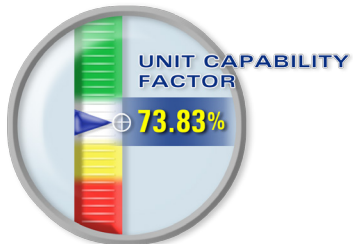
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation’s Pickering 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, Pickering Nuclear produced 5.1 TWh of electricity, which was 13 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q3 in 2015, Pickering’s unit capability factor for Q3 2016 was lower (73.83) 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, Pickering Nuclear recorded one spill to the environment that was reportable to a regulatory authority, bringing the year-to-date total to one spill.

Safety

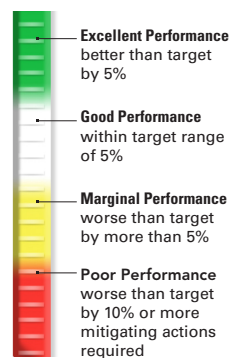
Accident Severity Rate:

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, Pickering Nuclear recorded 1.04 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, Pickering Nuclear recorded 0.52 injuries per 200,000 hours worked which is higher than target but remains within the Canadian Electricity Association top quartile.

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 Pickering 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, Pickering Nuclear staff was able to bring free, high-quality educational activities to the community once again. This year's programming's included: partnerships with Scientists in School; artist Susan Lindo of Durham West Arts Council; Toronto Region Conservation Authority; Earth Rangers; Driftwood Theatre Group; PineRidge Arts Council; All Our Relations Métis Drum Circle and WindReach Farm.
- 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.
- On Saturday, Sept. 24, community members and OPG employee volunteers lent their support in the Take Pride in Pickering annual fall event. Dedicated to restoring and improving the area, the event brings families together for a day of volunteer gardening. Since the year 2000, more than 14,000 trees and shrubs along with 1,800 native wildflowers have been planted in Alex Robertson Park. OPG in partnership with the City of Pickering, Toronto Region Conservation and Environmental Stewardship Pickering is proud to support this important community initiative.
- 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.