

# Performance Report for Pickering Nuclear

Q3 2015

July 1 to September 30

## 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 2015.



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

OPG's nuclear electricity generation for Q3 of 2015 totalled 11.2 terawatt hours (TWh) compared to 12.8 TWh in 2014 in the same quarter. In Q3, Pickering Nuclear produced 5.5 TWh of electricity, meeting 16 per cent of Ontario's electricity needs.



### Reliability - Unit Capability Factor

Compared to Q3 in 2014, Pickering's unit capability factor for Q3 2015 was higher (78.41) 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 2015, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory authority. There have been two reportable spills for the year-to-date.

## Safety

### Accident Severity Rate

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. In Q3 2015, Pickering Nuclear's ASR is 1.12 following an employee falling on uneven asphalt walking between two buildings.



### Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In Q3 2015, Pickering Nuclear recorded 0.45 injuries per 200,000 hours worked which is better than 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 almost 32 per cent of Ontario's electricity needs in Q3, OPG's 10 nuclear units generated 11.2 terawatt hours.



Jeff Lyash, OPG's new President and CEO



Pickering Nuclear's Tuesdays on the Trail participants.

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

- On Aug. 21, 2015 OPG welcomed Jeffrey J. Lyash as its new President and CEO following the retirement of Tom Mitchell. Mr. Lyash has more than 30 years of experience in the energy sector and most recently led one of the largest power engineering, procurement and construction organizations in the United States. Mr. Lyash takes the helm of Ontario's largest clean energy generator as the company prepares for Darlington Refurbishment and continues efforts to improve its financial results. Last year, OPG had one of its safest years on record, while achieving an increase in generation and a net income of \$811 million. OPG also successfully delivered North America's largest action to combat climate change when it stopped burning coal.
- 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 were able to bring free, high-quality educational activities to the community once again. This year we delivered programs in partnership with Pickering Museum Village; artist Susan Lindo; the Durham West Arts Centre; Toronto Region Conservation; Earth Rangers; Driftwood Theatre Group; Kim Wheatley from Shawanaga First Nation Reserve; artists from PineRidge Arts Council; and Scientists in School.
- The Canadian Council for Aboriginal Business (CCAB) has awarded OPG a silver certification for its performance in Aboriginal relations. OPG is committed to building and growing long-term, mutually beneficial working relationships with First Nations and Métis communities near our current and future operations in Ontario. The CCAB is a national non-profit organization that offers knowledge, resources, and programs to both mainstream and Aboriginal owned companies that foster economic opportunities for Aboriginal people and businesses across Canada.
- On Saturday, Sept. 26, community members and OPG employee volunteers lent their support in the Take Pride in Pickering annual fall event. Since the year 2000, more than 14,000 trees and shrubs along with 1,800 native wildflowers have been planted in Alex Robertson Park. This initiative is a major contribution to OPG's Biodiversity Management Program and is done in partnership with Environmental Stewardship Pickering.

For more information go to: [www.opg.com/generating-power/nuclear](http://www.opg.com/generating-power/nuclear)