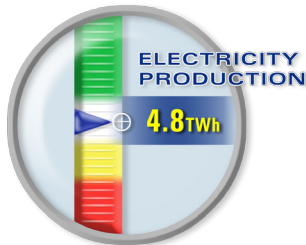


# Performance Report for Pickering Nuclear

Q2 2016  
Results

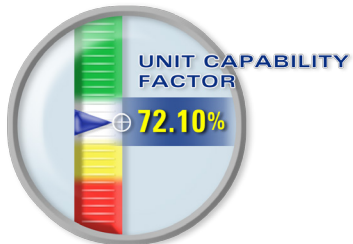
## Performance Update

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 second quarter of 2016.



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

OPG's nuclear electricity generation for Q2 of 2016 totalled 10.6 terawatt hours (TWh) compared to 12.3 TWh in 2015 in the same quarter. In Q2, Pickering Nuclear produced 4.8 TWh of electricity, which was 13 per cent of the electricity produced in Ontario.



### Reliability – Unit Capability Factor:

Compared to Q2 in 2015, Pickering's unit capability factor for Q2 2016 was lower (72.10) primarily as a result of an increase in the number of days the station was shut down for maintenance outages.



### Environment – Performance Index:

During Q2 2016, there were no spills to the environment at Pickering 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 Q2 2016, Pickering Nuclear recorded zero days lost per 200,000 hours worked which is excellent performance and better than the Canadian Electricity Association top quartile industry performance.

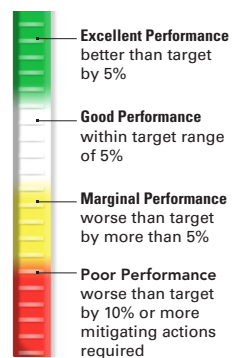


### Employee All Injury Rate:

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. At the end of Q2 2016, Pickering Nuclear recorded 0.53 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 Q2, OPG's 10 nuclear units generated 10.6 terawatt hours.



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

- Earlier this spring, OPG Darlington & Pickering Nuclear was recognized by Community Care Durham with the Corporate Community Leadership Award. This prominent award recognizes the support OPG provides to Community Care across the region through OPG's Corporate Citizenship Program.
- On Friday, April 15, over 40 enthusiastic Bayview Heights Public School seventh grade students joined us at Brock Ridge Park in Pickering for the Duffins Creek clean up as a part of the Bring Back the Salmon program. OPG is the lead sponsor of the Bring Back the Salmon program in conjunction with the Ontario Ministry of Natural Resources and the Ontario Federation of Anglers and Hunters. This program is designed to restore the Atlantic salmon population in Lake Ontario by 2020. Students participate in a four-tiered educational program including the hatchery, Duffins Creek clean up and Yellow Fish Road program, promoting environmental stewardship in their own backyard. During the clean up, students picked up over 50 bags of garbage at Duffins Creek. In early June, students returned to Duffins Creek to release the fry (young salmon) that hatched at the Pickering Information Centre. Having the opportunity to participate in this hands-on initiative provides students a sense of ownership in the restoration they can be proud of for years to come.
- On Saturday, May 28, as part of the annual Take Pride in Pickering event, community members along with employees and their families helped to plant native trees, flowers and grasses. Since the year 2000, more than 13,000 trees and shrubs along with 1,800 native wildflowers have been planted in Alex Robertson Park, adjacent to the Pickering Nuclear station. Take Pride in Pickering is a joint venture of OPG, the City of Pickering, Toronto and Region Conservation, and the other partners in Environmental Stewardship Pickering.
- On Friday, June 24, a Vendor Information Sharing Session was held at RCM Technologies Canada Corporation located in Pickering. The event was jointly hosted by Ontario Power Generation and Ajax Pickering Board of Trade. The session provided vendors a better understanding of the economic impact resulting from the continued operations of the of the Pickering Nuclear station operations through to 2024. This round table event hosted various business and political leaders from across the City of Pickering who spoke about the economic and social benefits of extending Pickering Nuclear Operations. Continued operations will save consumers \$600 million dollars and protect 4,500 jobs in Durham Region.

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