

# Performance Report for Pickering Nuclear

Q1 2015 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 first quarter of 2015.



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

For Q1 2015, OPG's total nuclear electricity generation (Darlington and Pickering stations) was 12.2 terawatt hours (TWh) compared to 11.6 TWh in the same quarter of 2014. Pickering Nuclear produced 4.8 TWh of electricity in Q1 2015, meeting 13 per cent of Ontario's electricity needs.



### Reliability - Unit Capability Factor

Compared to Q1 in 2014, Pickering's unit capability factor for Q1 2015 was higher (72.93) 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 Q1 2015, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory agency

## Safety

### Accident Severity Rate

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. 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. In Q1 2015, Pickering Nuclear recorded zero injuries per 0.63 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 almost 33 per cent of the electricity generated in Ontario in Q1 2015, OPG's 10 nuclear units generated 12.2 terawatt hours.



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

- Fifty enthusiastic Highbush Public School students joined OPG at the Pickering Information Centre in January for the opening of the educational salmon hatchery. As part of the Bring Back the Salmon program held in partnership with the Ontario Ministry of Natural Resources and the Ontario Federation of Anglers and Hunters, the program is designed to restore the Atlantic salmon population in Lake Ontario by 2020. The salmon raised at the Information Centre become part of the overall number released into target streams annually. The students will return in June to release salmon fly into Duffins Creek at Greenwood Conservation Area.
- Families from across Durham Region once again enjoyed our March Break program. Almost 6,000 attended the educational and environmental programs held in conjunction with our community partners including: WindReach Farm, the City of Pickering and Municipality of Clarington, Durham Children's Safety Village, and Purple Woods Conservation Area.
- Ontario Power Generation was proud to be the lead sponsor again for this year's Bowl For Kids Sake Big Brothers and Sisters, which is one of the largest fundraising efforts of the year for the organization.

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 905 837-7272.